

APPENDIX A

Public Participation Materials

Rolling Stone Lake Management Planning Project

Kick-Off Meeting
June 13, 2009 - 9:00 AM
P & R District Building

The Rolling Stone Lake P & R District has received two grants totaling nearly \$16,000 from the Wisconsin Department of Natural Resources to partially fund the completion of a comprehensive management plan for Rolling Stone Lake. The design for the planning project has been finalized and approved by the WDNR and includes two primary objectives: 1) the completion of in-depth studies including multiple plant surveys, water quality sampling, and watershed investigations; and 2) the completion of a realistic management plan for the lake and its watershed. Most of the studies will be completed during this spring,



Aquatic ecologist, Tim Hoyman, speaks to a lake group in Waushara County about their lake management plan. Public participation will be integral part of the Rolling Stone Lake project.

summer and fall. The tasks associated with the analysis of the data will be completed during the fall and winter. The project will also incorporate opportunities for stakeholder education and input, which are both very important components of all lake management planning efforts. The first opportunity for your participation in the process will be at the Project Kick-off Meeting to be held on Saturday, June 13th at 9:00 am at the P & R District Building.

Onterra, LLC, a lake management planning firm out of De Pere, has been hired to lead the project. During the meeting Tim Hoyman, an Aquatic Ecologist with Onterra, will describe the project and its importance. His presentation will include a description of the project's components, a quick course on general lake ecology, and a breakdown of how the District's Planning Committee will be involved in the plan's completion. So, please plan on attending the meeting and do not hesitate to ask questions or make comments.

April 2009 Onterra, LLC

Rollingstone Lake Management Planning Project Update – April 2010

Submitted by: Eddie Heath Aquatic Ecologist Onterra, LLC

The past few months have been very busy for us as we have been compiling and analyzing the data we collected on Rollingstone Lake during last year's field season. We enjoyed the numerous times we were on your lake last year. Our first trip to the lake was on February 12, 2009, when we drilled through the ice and collected water quality samples. We collected additional samples during the spring and fall turnover periods and also coordinated with volunteers from your lake to collect three samples during the summer months. Additionally, we performed an extra visit to Rollingstone Lake during early March 2010, sampling the lake in a few locations to better understand winter dissolved oxygen levels. We shared the data we collected with Dave Seibel, WDNR Fish Biologist and he responded by stating, "The DO levels you found are very good and Rolling Stone should sustain no significant fish kill this winter."

Numerous aquatic plant surveys were completed on the lake, identifying 21 native species and no exotic invasive species. Many nearby lakes contain Eurasian water milfoil, so there is a good chance that Rollingstone Lake has been exposed to fragments of this exotic species carried unintentionally into the lake by transient boaters. Undisturbed, healthy plant communities provide the best resistance to the establishment of aquatic invasive species. Rollingstone Lake's lush plant population is the best defense against exotic plant establishment.

We have also accurately mapped the floating-leaf and emergent plant communities in the lake, creating a snap-shot in which future data can compare and determine whether these communities are expanding or receding.

In late-May 2010, a stakeholder survey was distributed to district members to solicit information from lake users regarding Rollingstone Lake. Once returned, these data will be complied by district volunteers and will subsequently be analyzed by Onterra. These data will be very useful during the planning process, as they provide insight to the stakeholder's ideas and thoughts pertaining to Rollingstone Lake.

The planning process will soon be underway, as Planning Committee members will meet with Onterra ecologists to develop realistic and implementable management actions. The management actions will be a collaborative effort to help stakeholders meet their realistic goals while doing what is best ecologically for the lake. Likely one of the largest management actions that will be discussed is related to the creation of a mechanical harvesting plan for Rollingstone Lake.

Once the plan is developed, a public meeting called a "Project Wrap-up Meeting" will be held to present the study results and the management plan to all interested folks.

April 2010 Onterra, LLC



Presentation Outline

- Onterra, LLC
- Why Create a Management Plan?
- Elements of a Lake Management Planning Project
 - Data & Information
 - Planning Process



Onterra, LLC

- Founded in 2005
- Staff
 - Three full-time ecologists
 - Two part-time ecologists
 - Two interns
- Services
 - Science and planning
- Philosophy
 - Promote realistic planning
 - Assist, not direct



Why create a lake management plan?

A goal without a plan is just a wish!

June 2009

Elements of an Effective Lake Management Planning Project

Data and Information Gathering

Environmental & Sociological

Planning Process

Brings it all together

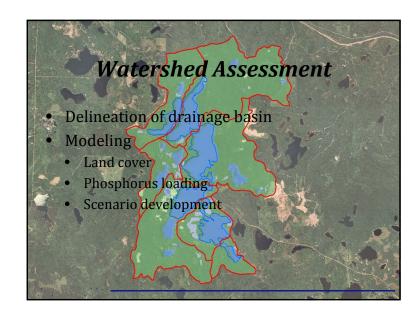


Data and information gathering

- Study Components
 - Water Quality Analysis
 - Watershed Assessment
 - Aquatic Plant Surveys
 - Fisheries Data Integration
 - Stakeholder Survey







June 2009

Aquatic Plant Surveys

 Concerned with both native and nonnative plants

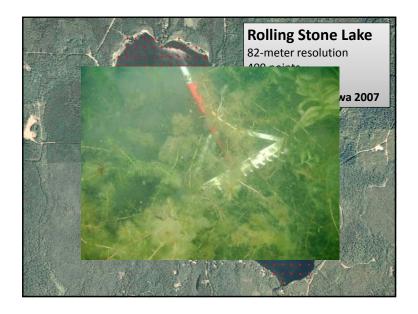


Non-native Aquatic Plants Eurasian Water Milfoil

Aquatic Plant Surveys

- Concerned with both native and nonnative plants
- Multiple surveys used in assessment
 - Curly-leaf pondweed survey
 - Point-intercept survey

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Aquatic Plant Surveys

- Concerned with both native and nonnative plants
- Multiple surveys used in assessment
 - Curly-leaf pondweed survey
 - Point-intercept survey
 - Plant community mapping
 - Volunteer survey findings

Fisheries Data Integration

- No fish sampling completed
- Assemble data from WDNR, USGS, USFWS, & GLIFWC
- Fish survey results summaries (if available)
- Use information in planning as applicable



Stakeholder Survey

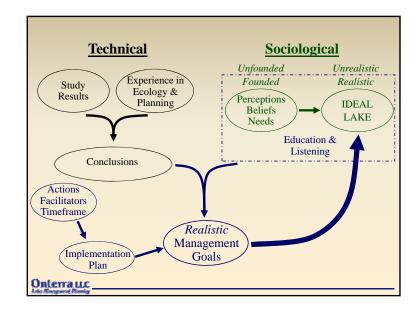
- Standard survey used as base
 - Planning committee develops additional questions and options
 - Must not lead respondent to specific answer through a "loaded" question
- Survey must be approved by WDNR

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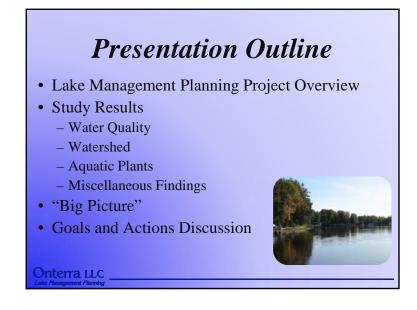


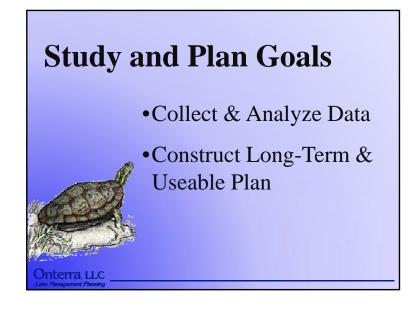


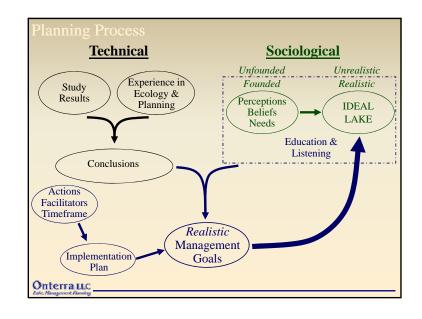


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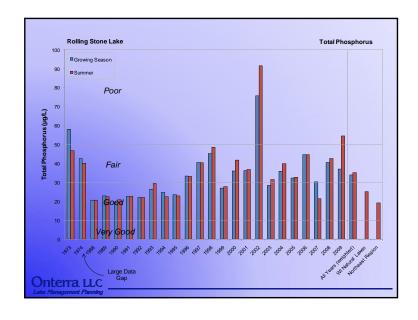


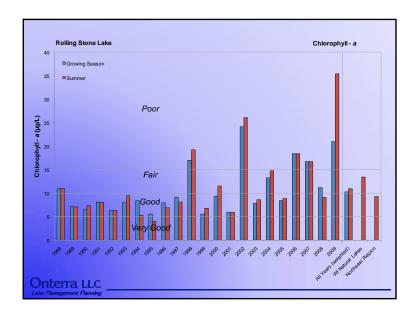


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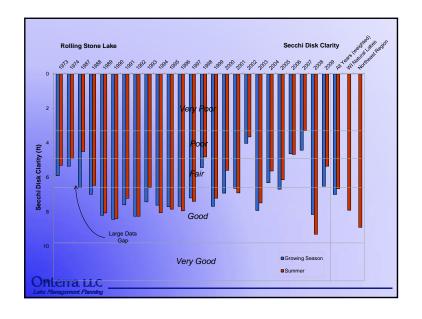


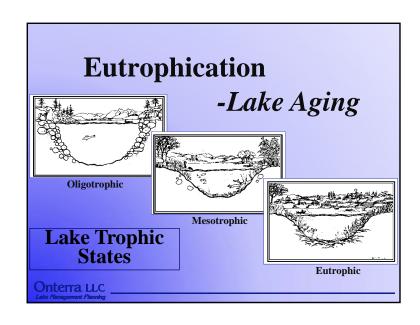


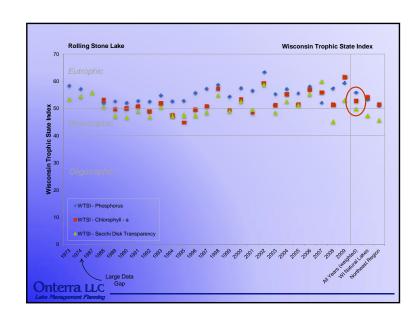


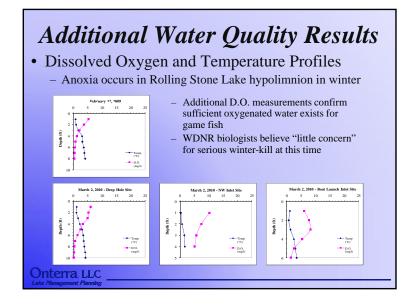


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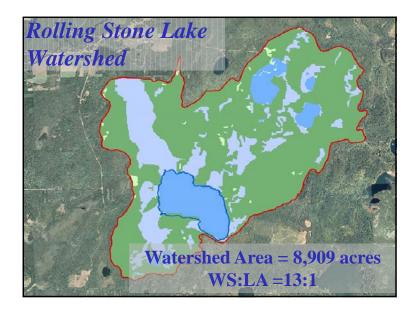


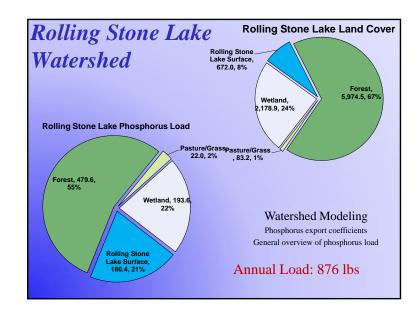
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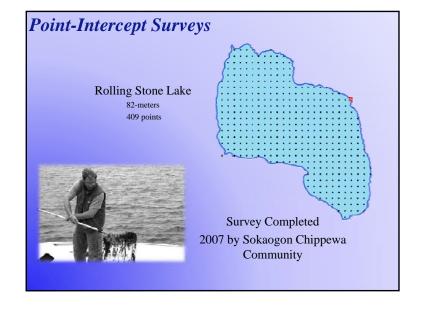
Additional Water Quality Results

- Limiting Nutrient
 - Lake is phosphorus limited (25:1)
- Alkalinity (buffer capacity)
 - High values found lake
 - Low sensitivity to acid rain
- Calcium values 22.7ppm
 - Suitable for zebra mussel infestation

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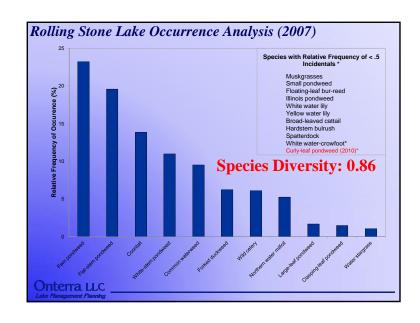




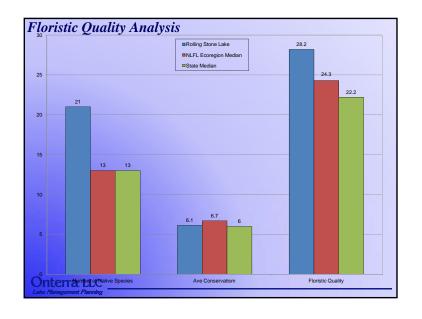


July 2010

| 21 Total Species | Life Form | Scientific Name | Common Name | Coefficient of Conservatism (c |
|---|--|--|---|---|
| 5 additional species | ш | Schoenoplectus acutus Typha latifolia | Hardstem bulrush Broad-leaved cattail | 5 1 |
| identified during community mapping | 7 | Nuphar variegata Nuphar advena Nymphaea odorata | Spatterdock Yellow water lily White water lily | 6 8 6 |
| Common arrowhead | FLE | Sparganium fluctuans | Floating-leaf bur-reed | 10 |
| Northern wild rice Short-stemmed bur-reed Spatterdock Water arum Curly-leaf pondweed confirmed in 2010 | Submergent | Chara st. Centelop/luim chemisum Elodes canademis Hebrandhern dubia Myriaphylum sibricum Potamageton lilinomis Potamageton lilinomis Potamogeton pusillus Potamogeton anapilolus Potamogeton properatus Potamogeton properatus Potamogeton properatus Potamogeton properatus Potamogeton properatus Potamogeton routerformis Rainnoutus aquaellis* Vallisneria americana | Muskgrasses Corntal Common waterweed Water stagrass Northern water milloil Illinois pondweed Small pondweed Claspin-leaf pondweed Large-leaf pondweed Withe-stem pondweed Fall-stem pondweed White-stem pondweed White water soundout' White water-cowdout' Wild calery | 7 3 3 6 7 6 7 5 7 8 6 8 8 |
| | E = Emergent FL = Floating Leaf FL/E = Floating Leaf FF = Free Floating * = Incidental | Lemna trisulca | Forked duckweed | 6 |

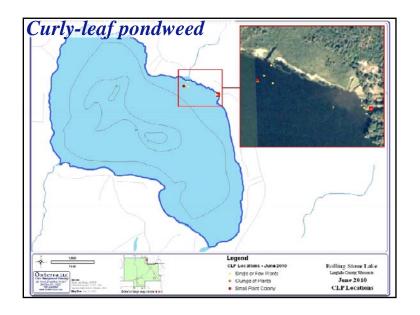






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Aquatic Plant Community Mapping Mapped Communities Floating-leaf Emergent Important Indicators Vulnerable to ecosystem changes Loss of species Expansion or recession



Conclusions

- Water quality in Rolling Stone is fair to good
 - Lake is productive and healthy.
- Overall watershed is in great condition.
 - Land cover exports minimal phosphorus, but lake has a large watershed that is able to drive productivity rate.
 - Largest, *controllable* contributor is likely shoreland properties.

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Conclusions

- Aquatic plant community
 - Based upon standard analysis, native community is of moderate quality indicative of a disturbed system.
 - Curly-leaf pondweed infestation is very recent, but grants are available for immediate response.
 - Harvesting plan must be completed as a part of lake management plan.

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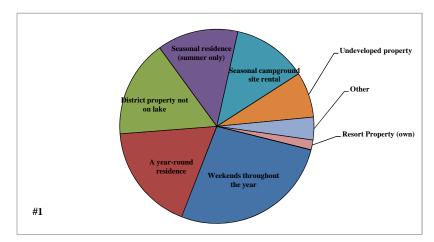
APPENDIX B

Stakeholder Survey Response Charts and Comments

| Returned Surveys | 193 |
|-------------------|------|
| Sent Surveys | 393 |
| Response Rate (%) | 49.1 |

#1 What type of property do you own/rent on Rollingstone Lake?

| | Total | % |
|----------------------------------|-------|-------|
| Weekends throughout the year | 50 | 27.0 |
| A year-round residence | 33 | 17.8 |
| District property not on lake | 30 | 16.2 |
| Seasonal residence (summer only) | 25 | 13.5 |
| Seasonal campground site rental | 23 | 12.4 |
| Undeveloped property | 14 | 7.6 |
| Other | 7 | 3.8 |
| Resort Property (own) | 3 | 1.6 |
| Rental Property (own) | 0 | 0.0 |
| | 185 | 100.0 |

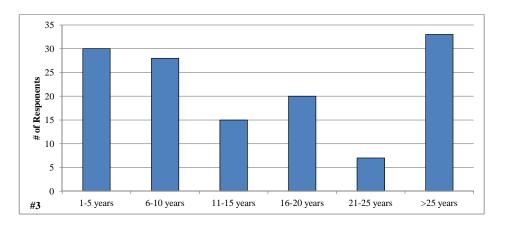


#2 If you are not a year-round resident, how many days each year is your property used by you or others?

| Answered Question | 103 |
|--------------------|------|
| Average | 75.7 |
| Standard deviation | 68.9 |

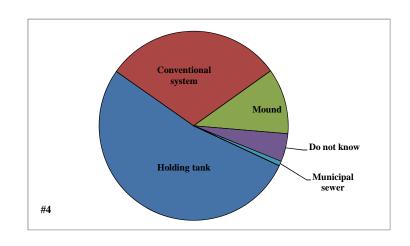
#3 How many years have you owned property on Rollingstone Lake?

| | Total | % |
|-------------|-------|-------|
| 1-5 years | 30 | 22.6 |
| 6-10 years | 28 | 21.1 |
| 11-15 years | 15 | 11.3 |
| 16-20 years | 20 | 15.0 |
| 21-25 years | 7 | 5.3 |
| >25 years | 33 | 24.8 |
| | 133 | 100.0 |



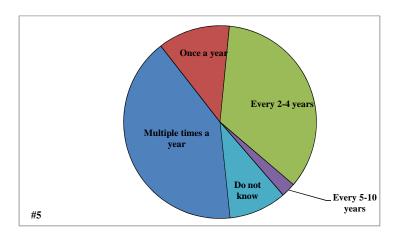
#4 What type of septic system does your property utilize?

| | Total | % |
|---------------------------|-------|-------|
| Holding tank | 66 | 52.8 |
| Conventional system | 38 | 30.4 |
| Mound | 14 | 11.2 |
| Do not know | 6 | 4.8 |
| Municipal sewer | 1 | 0.8 |
| Advanced treatment system | 0 | 0.0 |
| | 125 | 100.0 |



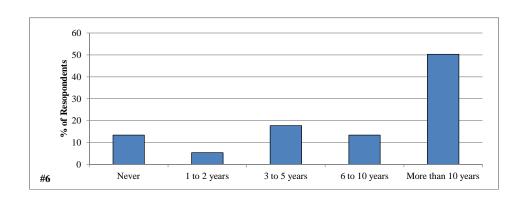
#5 How often is the septic system on your property pumped?

| | Total | % |
|-----------------------|-------|-------|
| Multiple times a year | 51 | 41.1 |
| Once a year | 15 | 12.1 |
| Every 2-4 years | 43 | 34.7 |
| Every 5-10 years | 3 | 2.4 |
| Do not know | 12 | 9.7 |
| | 124 | 100.0 |



#6 For how many years have you fished Rollingstone Lake?

| | Total | % |
|--------------------|-------|-------|
| Never | 25 | 13.4 |
| 1 to 2 years | 10 | 5.3 |
| 3 to 5 years | 33 | 17.6 |
| 6 to 10 years | 25 | 13.4 |
| More than 10 years | 94 | 50.3 |
| | 187 | 100.0 |

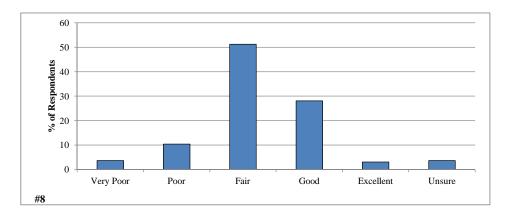


#7 Have you personally fished on Rollingstone Lake in the past 3 years?

| | Total |
|-----|-------|
| Yes | 155 |
| No | 12 |

#8 How would you describe the current quality of fishing on Rollingstone Lake?

| | Total | % |
|-----------|-------|-------|
| Very Poor | 6 | 3.7 |
| Poor | 17 | 10.4 |
| Fair | 84 | 51.2 |
| Good | 46 | 28.0 |
| Excellent | 5 | 3.0 |
| Unsure | 6 | 3.7 |
| | 164 | 100.0 |



#9 How has the quality of fishing changed on Rollingstone Lake since you have started fishing the lake?

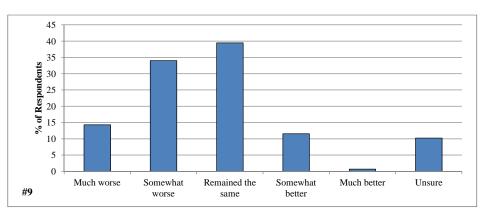
| | Total | % |
|-------------------|-------|-------|
| Much worse | 21 | 14.3 |
| Somewhat worse | 50 | 34.0 |
| Remained the same | 58 | 39.5 |
| Somewhat better | 17 | 11.6 |
| Much better | 1 | 0.7 |
| Unsure | 15 | 10.2 |
| | 147 | 100.0 |

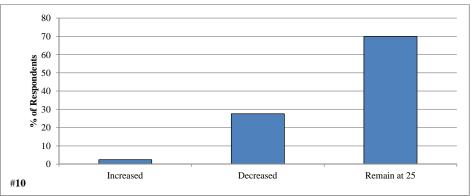
#10 Currently the daily bag limit for panfish is 25. Do you think the daily bag limit for Rollingstone Lake should be:

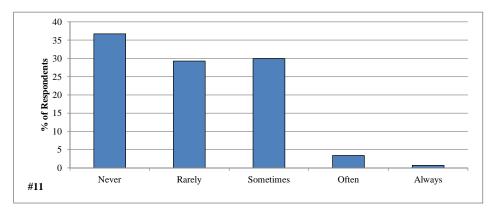
| | Total | % |
|--------------|-------|-------|
| Increased | 4 | 2.5 |
| Decreased | 45 | 27.6 |
| Remain at 25 | 114 | 69.9 |
| | 163 | 100.0 |

#11 How often, if at all, do you "limit out" on panfish, that is, keep the daily bag limit?

| | Total | % |
|-----------|-------|-------|
| Never | 54 | 36.7 |
| Rarely | 43 | 29.3 |
| Sometimes | 44 | 29.9 |
| Often | 5 | 3.4 |
| Always | 1 | 0.7 |
| | 147 | 100.0 |

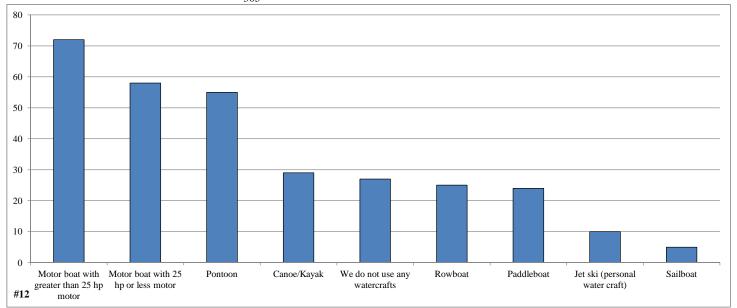






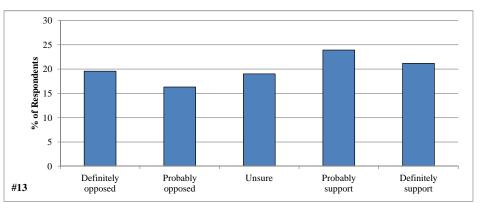
#12 What types of watercraft do you use on the lake?

| | Total |
|--|-------|
| Motor boat with greater than 25 hp motor | 72 |
| Motor boat with 25 hp or less motor | 58 |
| Pontoon | 55 |
| Canoe/Kayak | 29 |
| We do not use any watercrafts | 27 |
| Rowboat | 25 |
| Paddleboat | 24 |
| Jet ski (personal water craft) | 10 |
| Sailboat | 5 |
| | 305 |



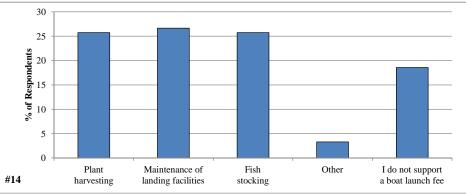
#13 Would you support or oppose the enforcement of daily no-wake hours during specified (posted) time periods?

| | Total | % |
|--------------------|-------|-------|
| Definitely opposed | 36 | 19.6 |
| Probably opposed | 30 | 16.3 |
| Unsure | 35 | 19.0 |
| Probably support | 44 | 23.9 |
| Definitely support | 39 | 21.2 |
| | 184 | 100.0 |



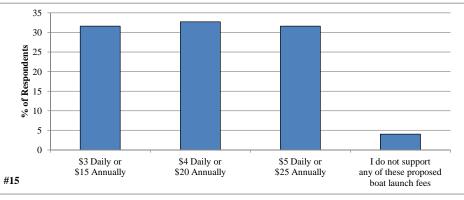
#14 Would you support a daily or annual boat launch fee to help pay for any of the following?

| | Total | % |
|------------------------------------|-------|-------|
| Plant harvesting | 86 | 25.7 |
| Maintenance of landing facilities | 89 | 26.6 |
| Fish stocking | 86 | 25.7 |
| Other | 11 | 3.3 |
| I do not support a boat launch fee | 62 | 18.6 |
| | 334 | 100.0 |



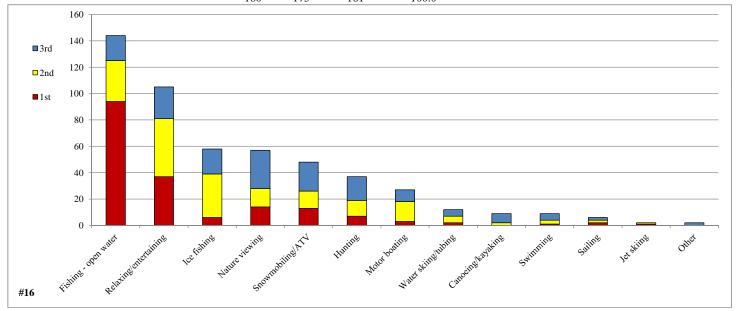
#15 Which of the following boat launch fees do you support?

| | Total | % |
|---|-------|-------|
| \$3 Daily or \$15 Annually | 86 | 31.6 |
| \$4 Daily or \$20 Annually | 89 | 32.7 |
| \$5 Daily or \$25 Annually | 86 | 31.6 |
| I do not support any of these proposed boat launch fees | 11 | 4.0 |
| | 272 | 100.0 |



#16 Please rank up to three activities that are important reasons for owning, renting, or camping on or near Rollingstone Lake.

| | 1st | 2nd | 3rd | % ranked |
|-----------------------|-----|-----|-----|----------|
| Fishing - open water | 94 | 31 | 19 | 27.9 |
| Relaxing/entertaining | 37 | 44 | 24 | 20.3 |
| Ice fishing | 6 | 33 | 19 | 11.2 |
| Nature viewing | 14 | 14 | 29 | 11.0 |
| Snowmobiling/ATV | 13 | 13 | 22 | 9.3 |
| Hunting | 7 | 12 | 18 | 7.2 |
| Motor boating | 3 | 15 | 9 | 5.2 |
| Water skiing/tubing | 2 | 5 | 5 | 2.3 |
| Canoeing/kayaking | 0 | 2 | 7 | 1.7 |
| Swimming | 1 | 3 | 5 | 1.7 |
| Sailing | 2 | 2 | 2 | 1.2 |
| Jet skiing | 1 | 1 | 0 | 0.4 |
| Other | 0 | 0 | 2 | 0.4 |
| | 180 | 175 | 161 | 100.0 |



#17 How would you describe the current water quality of Rollingstone Lake?

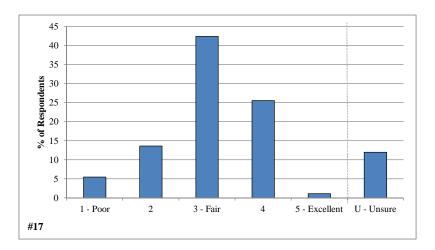
| | Total | % |
|---------------|-------|-------|
| 1 - Poor | 10 | 5.4 |
| 2 | 25 | 13.6 |
| 3 - Fair | 78 | 42.4 |
| 4 | 47 | 25.5 |
| 5 - Excellent | 2 | 1.1 |
| U - Unsure | 22 | 12.0 |
| | 184 | 100.0 |

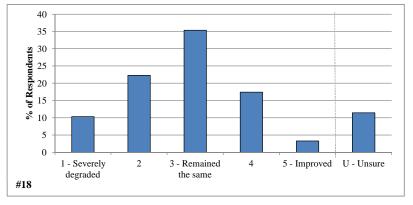
#18 How has the water quality changed in Rollingstone Lake since you started using the lake?

| | Total | % |
|-----------------------|-------|-------|
| 1 - Severely degraded | 19 | 10.3 |
| 2 | 41 | 22.3 |
| 3 - Remained the same | 65 | 35.3 |
| 4 | 32 | 17.4 |
| 5 - Improved | 6 | 3.3 |
| U - Unsure | 21 | 11.4 |
| | 184 | 100.0 |

#19 Have you ever heard of aquatic invasive species?

| | Total | % |
|-----|-------|-------|
| Yes | 172 | 93.0 |
| No | 13 | 7.0 |
| | 185 | 100.0 |



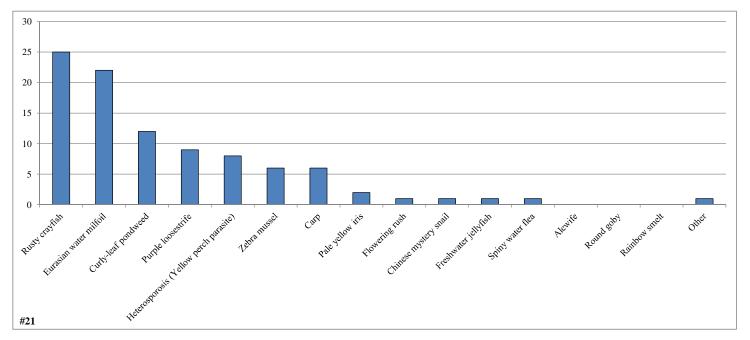


#20 Are you aware of aquatic invasive species in Rollingstone Lake?

| | Total | % |
|-----|-------|-------|
| Yes | 55 | 30.6 |
| No | 125 | 69.4 |
| | 180 | 100.0 |

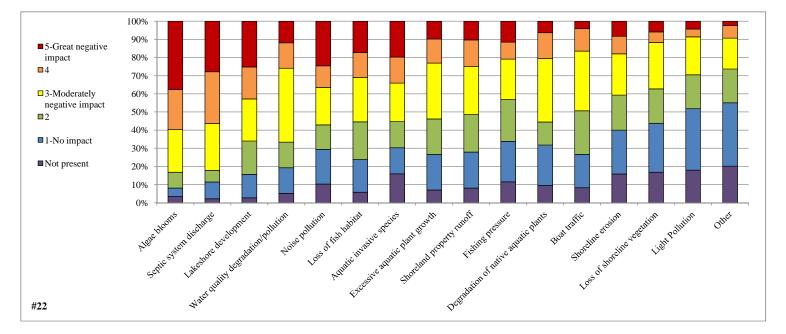
#21 If you answered yes to Question 20, which aquatic invasive species are you aware of in Rollingstone Lake?

| | Total |
|--|-------|
| Rusty crayfish | 25 |
| Eurasian water milfoil | 22 |
| Curly-leaf pondweed | 12 |
| Purple loosestrife | 9 |
| Heterosporosis (Yellow perch parasite) | 8 |
| Zebra mussel | 6 |
| Carp | 6 |
| Pale yellow iris | 2 |
| Flowering rush | 1 |
| Chinese mystery snail | 1 |
| Freshwater jellyfish | 1 |
| Spiny water flea | 1 |
| Alewife | 0 |
| Round goby | 0 |
| Rainbow smelt | 0 |
| Other | 1 |
| | |



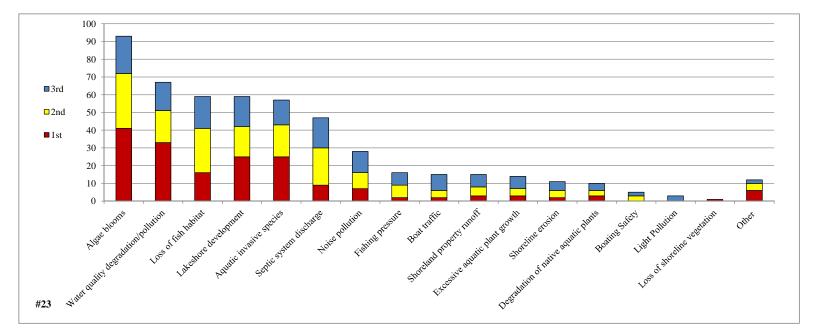
#22 To what level do you believe each the following factors are negatively impacting Rollingstone Lake?

| | Not | 1-No | | 3-Moderately | | 5-Great | | | |
|--------------------------------------|---------|--------|----|--------------|----|----------|--------|-------|---------|
| | present | impact | 2 | negative | 4 | negative | Unsure | Total | Average |
| | | | | impact | | impact | | | |
| Algae blooms | 5 | 7 | 13 | 35 | 33 | 56 | 25 | 144 | 3.7 |
| Septic system discharge | 3 | 13 | 9 | 36 | 40 | 39 | 31 | 137 | 3.5 |
| Lakeshore development | 4 | 19 | 27 | 34 | 26 | 37 | 25 | 143 | 3.2 |
| Water quality degradation/pollution | 7 | 19 | 19 | 55 | 19 | 16 | 36 | 128 | 2.8 |
| Noise pollution | 13 | 24 | 17 | 26 | 15 | 31 | 46 | 113 | 2.8 |
| Loss of fish habitat | 8 | 25 | 29 | 34 | 19 | 24 | 32 | 131 | 2.7 |
| Aquatic invasive species | 21 | 19 | 19 | 28 | 19 | 26 | 39 | 111 | 2.6 |
| Excessive aquatic plant growth | 10 | 28 | 28 | 44 | 19 | 14 | 29 | 133 | 2.5 |
| Shoreland property runoff | 11 | 27 | 28 | 36 | 20 | 14 | 36 | 125 | 2.5 |
| Fishing pressure | 16 | 31 | 32 | 31 | 13 | 16 | 30 | 123 | 2.5 |
| Degradation of native aquatic plants | 12 | 28 | 16 | 44 | 18 | 8 | 46 | 114 | 2.4 |
| Boat traffic | 12 | 27 | 35 | 48 | 18 | 6 | 26 | 134 | 2.3 |
| Shoreline erosion | 23 | 35 | 28 | 33 | 14 | 12 | 28 | 122 | 2.1 |
| Loss of shoreline vegetation | 23 | 37 | 26 | 35 | 8 | 8 | 33 | 114 | 1.9 |
| Light Pollution | 25 | 47 | 26 | 29 | 6 | 6 | 33 | 114 | 1.7 |
| Other | 26 | 45 | 24 | 22 | 9 | 3 | 41 | 103 | 1.6 |



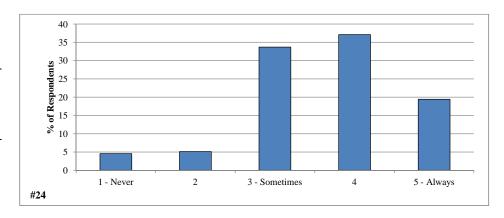
#23 From the list below, please rank your top three concerns regarding Rollingstone Lake?

| | 1st | 2nd | 3rd | % Ranked |
|--------------------------------------|-----|-----|-----|----------|
| Algae blooms | 41 | 31 | 21 | 18.2 |
| Water quality degradation/pollution | 33 | 18 | 16 | 13.1 |
| Loss of fish habitat | 16 | 25 | 18 | 11.5 |
| Lakeshore development | 25 | 17 | 17 | 11.5 |
| Aquatic invasive species | 25 | 18 | 14 | 11.1 |
| Septic system discharge | 9 | 21 | 17 | 9.2 |
| Noise pollution | 7 | 9 | 12 | 5.5 |
| Fishing pressure | 2 | 7 | 7 | 3.1 |
| Boat traffic | 2 | 4 | 9 | 2.9 |
| Shoreland property runoff | 3 | 5 | 7 | 2.9 |
| Excessive aquatic plant growth | 3 | 4 | 7 | 2.7 |
| Shoreline erosion | 2 | 4 | 5 | 2.1 |
| Degradation of native aquatic plants | 3 | 3 | 4 | 2.0 |
| Boating Safety | 0 | 3 | 2 | 1.0 |
| Light Pollution | 0 | 0 | 3 | 0.6 |
| Loss of shoreline vegetation | 1 | 0 | 0 | 0.2 |
| Other | 6 | 4 | 2 | 2.3 |
| | 178 | 173 | 161 | 100.0 |



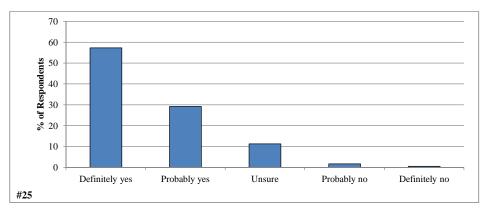
#24 During open water season how often does aquatic plant growth negatively impact your enjoyment of Rollingstone Lake?

| | Total | % |
|---------------|-------|-------|
| 1 - Never | 8 | 4.6 |
| 2 | 9 | 5.1 |
| 3 - Sometimes | 59 | 33.7 |
| 4 | 65 | 37.1 |
| 5 - Always | 34 | 19.4 |
| | 175 | 100.0 |



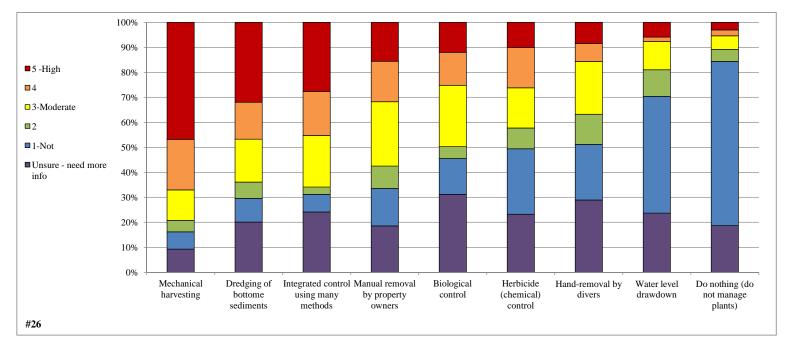
#25 Considering your answer to the question above, do you believe aquatic plant control is needed on Rollingstone Lake?

| | Total | % |
|----------------|-------|-------|
| Definitely yes | 102 | 57.3 |
| Probably yes | 52 | 29.2 |
| Unsure | 20 | 11.2 |
| Probably no | 3 | 1.7 |
| Definitely no | 1 | 0.6 |
| | 178 | 100.0 |



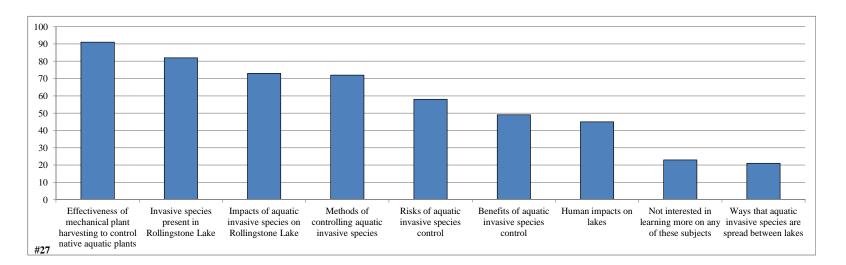
#26 What is your level of support for the responsible use of the following techniques on Rollingstone Lake?

| | | | | | | Unsure - | | |
|---------------------------------------|-------|----|------------|----|---------|-----------|-------|---------|
| | 1-Not | 2 | 3-Moderate | 4 | 5 -High | need more | Total | Average |
| | | | | | | info | | |
| Mechanical harvesting | 12 | 8 | 21 | 35 | 81 | 16 | 157 | 4.1 |
| Dredging of bottome sediments | 16 | 11 | 29 | 25 | 54 | 34 | 135 | 4.0 |
| Integrated control using many methods | 12 | 5 | 35 | 30 | 47 | 41 | 129 | 3.7 |
| Manual removal by property owners | 25 | 15 | 43 | 27 | 26 | 31 | 136 | 3.1 |
| Biological control | 24 | 8 | 41 | 22 | 20 | 52 | 115 | 3.1 |
| Herbicide (chemical) control | 44 | 14 | 27 | 27 | 17 | 39 | 129 | 2.7 |
| Hand-removal by divers | 37 | 20 | 35 | 12 | 14 | 48 | 118 | 2.5 |
| Water level drawdown | 79 | 18 | 19 | 3 | 10 | 40 | 129 | 2.0 |
| Do nothing (do not manage plants) | 109 | 8 | 9 | 4 | 5 | 31 | 135 | 1.4 |



#27 Which of these subjects would you like to learn more about?

| | Total |
|---|-------|
| Effectiveness of mechanical plant harvesting to control native aquatic plants | 91 |
| Invasive species present in Rollingstone Lake | 82 |
| Impacts of aquatic invasive species on Rollingstone Lake | 73 |
| Methods of controlling aquatic invasive species | 72 |
| Risks of aquatic invasive species control | 58 |
| Benefits of aquatic invasive species control | 49 |
| Human impacts on lakes | 45 |
| Not interested in learning more on any of these subjects | 23 |
| Ways that aquatic invasive species are spread between lakes | 21 |

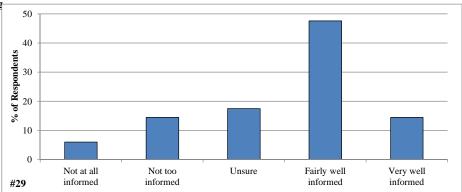


#28 Before receiving this mailing, have you ever heard of the Rollingstone Lake P & R District?

| | Total | % |
|-----|-------|----------|
| Yes | 166 | 90.7 |
| No | 17 | 9.3 |
| | 183 | 100.0 |

#29 How informed has the Rollingstone Lake P & R District kept you, regardingissues with Rollingstone Lake and its management?

| | Total | % |
|----------------------|-------|-------|
| Not at all informed | 10 | 6.0 |
| Not too informed | 24 | 14.5 |
| Unsure | 29 | 17.5 |
| Fairly well informed | 79 | 47.6 |
| Very well informed | 24 | 14.5 |
| | 166 | 100.0 |

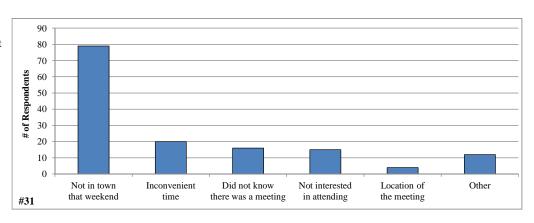


#30 Did you attend the Rollingstone Lake P & R District meeting on Memorial Day weekend?

| | Total |
|-----|-------|
| Yes | 34 |
| No | 135 |
| | |

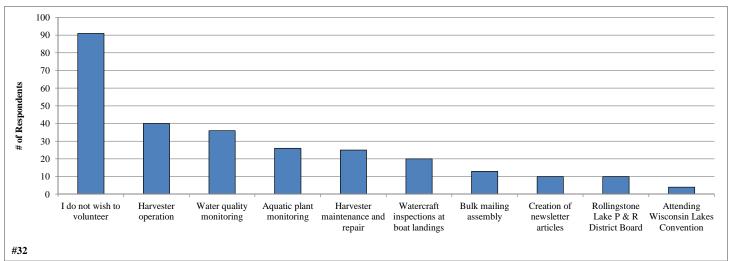
#31 If you did not attend the Memorial Day weekend meeting, what is the reason you chose not to attend?

| | Total |
|----------------------------------|-------|
| Not in town that weekend | 79 |
| Inconvenient time | 20 |
| Did not know there was a meeting | 16 |
| Not interested in attending | 15 |
| Location of the meeting | 4 |
| Other | 12 |



#32 Please circle the activities you would be willing to participate in if the Rollingstone Lake P & R District requires additional assistance

| | Total |
|---|-------|
| I do not wish to volunteer | 91 |
| Harvester operation | 40 |
| Water quality monitoring | 36 |
| Aquatic plant monitoring | 26 |
| Harvester maintenance and repair | 25 |
| Watercraft inspections at boat landings | 20 |
| Bulk mailing assembly | 13 |
| Creation of newsletter articles | 10 |
| Rollingstone Lake P & R District Board | 10 |
| Attending Wisconsin Lakes Convention | 4 |



| Survey Number | General Comments | | | | | |
|---------------|--|--|--|--|--|--|
| • | I used to operate the harvester when we first started also helped Walleye raise teh money for | | | | | |
| | the first harvester. Through out the years after others didn't get involved things changed but so | | | | | |
| 1 | do times. | | | | | |
| | 4) None | | | | | |
| 2 | ., | | | | | |
| | Am only there on weekends. Not sure what could help with. | | | | | |
| 3 | 1) Seasonal, winter | | | | | |
| | Own forest land on the west side of HY 55. Also own a summer cottage on Pickerel Lake. | | | | | |
| | My only concern about Rollingstone is how it might impact Pickerel. I have been connected | | | | | |
| | with this area for over 50 yrs. | | | | | |
| 4 | 1) Other warm seasons | | | | | |
| | 14) Dredge lake | | | | | |
| | 15) Low lake water | | | | | |
| | 23) A lot of iron in the lake water which stains my boat hull | | | | | |
| _ | Get rid of the weed spreader (harvester) and try something that might work, like dredging, | | | | | |
| 5 | herbicide or anything else that stops spreading weeds all over the lake. | | | | | |
| | The lake is a big pond and is shallow - weeds will always be present and are a reason the lake | | | | | |
| | does not have a lot of jet skis and water skiing - which is nice. The fishing seems to be fairly | | | | | |
| 6 | stable, and the lake itself seems healthy. Recently, we have had clear clean lake water, but in | | | | | |
| | years past we have had some really bad algea blooms and/or fish kills (one spring) that make | | | | | |
| | the lake very unusable. | | | | | |
| 7 | 23) Motor size HP | | | | | |
| , | Would biological control of plant life cause any future problems in other areas. Like the | | | | | |
| | saying goes - if the disease doesn't kill you, the cure will. I am all for ridding the lake of the | | | | | |
| 8 | weeds that are chocking everything out, but don't want to lose the fishing quality we have or | | | | | |
| | once had. | | | | | |
| | Overall happy with Rollingstone Lake. However, would like to see the weed harvester in the | | | | | |
| 9 | west bay. | | | | | |
| 10 | 23) Low water level | | | | | |
| 11 | 25) Both that level | | | | | |
| | We are 81 yrs old - to old to operate the harvester, but 2 years ago, I took 10 loads of weeds | | | | | |
| 12 | out alone. We did our share over the 22 yrs since we retired here. | | | | | |
| 12 | 23) Large motor boats | | | | | |
| 13 | 23) Burge motor cours | | | | | |
| 14 | 23) Removal of dams inlet & outlet, ski boat traffic | | | | | |
| | I hope that the \$10,000 we paid to do a lake study so we could continue the harvester program | | | | | |
| | was better spent than to just do this mailer. Why has this study been so unavailable to the | | | | | |
| | public and lake property owners? No one seems to know what is going on with this project. | | | | | |
| | We need to know who to go to to get some answers as to the progress of this study. I thought | | | | | |
| 15 | we were supposed to get options/results of study re: run-off, what is coming in the lake from | | | | | |
| 13 | streams, dredging options, etc. Nothing - it's a big secret. | | | | | |
| | 23) Lack of walleye stocking | | | | | |
| | 22) lack of walleye stocking - there are some existing walleye populations from previous | | | | | |
| | stocking - big fish, but few. Need to resume walleye stocking. | | | | | |
| 16 | Thank you for your efforts. We look forward to more info and improved lake quality | | | | | |
| 17 | Thank you for your efforts. We look forward to more fine and improved take quanty | | | | | |
| 18 | 23) Boat traffic thru AIS | | | | | |
| 19 | 25) Don tame that the | | | | | |
| 20 | | | | | | |
| 20 | 1 | | | | | |

| Survey Number | General Comments | | | | | |
|---------------|--|--|--|--|--|--|
| 21 | | | | | | |
| 22 | | | | | | |
| 23 | 1) Uses 8 months of year round | | | | | |
| 24 | | | | | | |
| 25 | | | | | | |
| 26 | I'm willing to help when around. 16) North atmosphere | | | | | |
| 27 | I have been here 26+ years. I'm ashamed to invite anyone to visit. The water in the summer stinks. I only took my pontoon out once last year, the weeds are so thick the motor can't run. My kids won't come here because grandkids can't swim. Property values are taking a hit. Who wants to own lake property that you can't swim in, or go boating. Good luck. Thanks for trying and all your effort. 27) Not sure of names | | | | | |
| 28 | Our property is not on the lake. We have enjoyed the lake for years and hope to for years to come. Maybe we have a little different perspective, since our property is not on the water, but we hope the lake continues to improve for the future. | | | | | |
| 29 | We are charter members of the association, both in our late 70's and not of too good health, but have supported the association financially when asked. | | | | | |
| 30 | | | | | | |
| 31 | | | | | | |
| 32 | 14) Dredging | | | | | |
| 33 | | | | | | |
| 34 | | | | | | |
| 35 | | | | | | |
| 36 | | | | | | |
| 37 | | | | | | |
| 38 | | | | | | |
| 39 | Am 86 years old - don't use the lake. 1) Not on lake | | | | | |
| 40 | Does not apply to us - we don't use the lake. | | | | | |
| 41 | | | | | | |
| 42 | | | | | | |
| 43 | It seems the harvesting is replanting the weeds on the north side. Could not run pontoon boat for the last 4 years on the north end of the lake. No harvester even came on the north end of the lake in 2009. | | | | | |
| 44 | | | | | | |
| 45 | | | | | | |
| 46 | I live in Lincoln Co and rarely go over there except for a few times fishing. I was raised on the lake in the 50's. It has went down hill ever since. | | | | | |
| 47 | | | | | | |
| 48 | For over 50 years I have seen the lake become weedier and have noticed the influx of fishermen to the point of over fishing. I strongly believe many are over fishing the lake. Further, I have experienced the days of limiting out on walleyes on any given night and now you can't even get one during evening fishing. Where is the DNR on stocking walleye if the lake doesn't naturally reproduce? We are paying taxes and fees to support such a basic service!!! | | | | | |
| 49 | | | | | | |
| | 1 | | | | | |

| Survey Number | General Comments | | | | |
|---------------|--|--|--|--|--|
| 50 | My biggest concern is the weed abundance. We have owned the property 2 years and have seen the harvester on our side of the lake once - when a volunteer was harvesting in front of his own property. We need to get aggressive on this topic before we all own property that is either swamp or a field. We've all seen it happen to neighboring lakes - the water level drop as the weeds take over - soon no lake. Increase my taxes if we need to pay someone to run tharvester or other methods to ensure we don't loose this battle. Thank you. | | | | |
| 51 | | | | | |
| 52 | We have been on lake a long time since 1951. The lake was not as weedy, the size of northe were bigger. Walleye and musky were more common. Bass and panfish has taken off great! As an avid sportsman, I'm wondering why northern are snakes, walleye and musky have disappeared, lake has gotten very weedy. There used to be a dam on south side of lake, with this being gone is this why lake has become so weedy? I would like to see big game fish tak back off like the panfish are. Does the septic changes have an effect on the lake being weedy I have also noticed a tremendous amount of non-lake owners using lake, possibly in my eyes over fishing lake. | | | | |
| 53 | | | | | |
| 54 | I think we need some rules on personal watercraft, AKA jet skis, on the lake. They are starting to become a pain. Also, we need noise rules for large campgrounds from broadcasting loud music into the night. | | | | |
| 55 | | | | | |
| 56 | Unfortunately, our current schedules do not allow us enough time to spend on our property or volunteering. | | | | |
| 57 | | | | | |
| 58 | Plan on moving up 2-3 years, maybe then. | | | | |
| 59 | The weed harvester is wore out. The muck in the lake is terrible - we can't go swimming - can't even walk in the water to get the dock in and out - without getting your feet sucked in. We have removed what we could for 10 summers - using a rake, a metal plate & a wheel barrow - did not do any good - more drifted in from next door. We have to go to different lakes to go swimming and it is a big pain. We have to be careful if the grandkids or other little ones are on the dock - because if they would fall in they definitely would get sucked into the muck. This lake used to be 25 feet deep and now it's 12 or 13 feet deep. What's the use of paying higher taxes for living on the lake - when all you can do is fish? Hardly anybody goes waterskiing or tubing, etc. Even going out or coming in to shore with the boat - the motor gets clogged because of the muck. | | | | |
| 60 | 16) Timber | | | | |
| 61 | The only thing wrong with fishing is the lack of walleyes that cannot spawn due to the sludge in Pickerel Creek. The weed situation has improved over the last 35 years when we first started RSLP&R. The water is clear and we have new fresh water sponges, darters and loons we didn't have years ago. | | | | |
| 62 | 1) Summer weekends | | | | |
| 63 | | | | | |
| 64 | | | | | |
| 65 | When we get closer to retirement we would be glad to help with different things, but not at this time. | | | | |
| 66 | | | | | |
| 67 | Park the weed harvester. You can only harvest in front of your property if you run the harvester - good old boys club. Don't want all the weed bogs left from harvest operation. Park the harvester. | | | | |
| 68 | | | | | |
| 1 | , | | | | |

| Survey Number | General Comments | | | | | |
|---------------|--|--|--|--|--|--|
| 69 | | | | | | |
| 70 | | | | | | |
| 71 | | | | | | |
| 72 | We feel that the district should be made up of only properties that are actually on the lake. We live miles from the lake and yet have to pay for it. We are closer to Pickerel Lake. We pay enough in state taxes to help out. We should not have to pay more just because someone that lives on the lake does not want to. Put the cost on those that live on and use it the most. Afte attending the meetings I have this comment: Find people that know state statutes and how they relate to running the meetings - Most of the meetings are illegal and could pose some problems down the road. It's not enough to volunteer because you care, if you care enough to volunteer you should care enough to do it correctly. 23) Taxes | | | | | |
| 73 | Good job committee members. Just what I hoped to see. | | | | | |
| 74 | Too much of the "harvested weeds" end up floating around the lake and not in the harvester. | | | | | |
| 75 | | | | | | |
| 76 | | | | | | |
| 77 | | | | | | |
| 78 | | | | | | |
| 79 | | | | | | |
| 80 | | | | | | |
| 81 | | | | | | |
| 82 | | | | | | |
| 83 | | | | | | |
| 84 | 31) Work all weekends | | | | | |
| 85 | Thanks for the survey!!! Please get whatever you need from the residents/landowners to further improve this beautiful lake and watershed. It is a far too important resource to mismanage. | | | | | |
| 86 | We enjoy boating, but have never put our boat in Rollingstone Lake - due to a poor boat ramp and parking and also the weeds. 23) Boat ramp 31) Family conflict | | | | | |
| 87 | | | | | | |
| 88 | When we retire I will volunteer for the above items. Our time is very limited up north and try to enjoy as the time comes. My job today is traveling all week and very limited on spare time on weekends. 22) Continued expansion trailer parks | | | | | |
| 89 | While the aquatic weeds are probably worse than when we first bought on the lake, there hasn't been the huge masses of floating weeds that used to clog the shoreline and our docks. We enjoy fishing and while I rated the lake "fair" for fishing there are times yet (especially spring) when anybody can catch panfish on the lake. You can tell by the number of boats that are out on the lake. Last spring there were a number of violators during this time and the wardens were notified to check it out. The panfishing is nothing like it was when we first came here, just 14 years ago. I believe it will continue to deteriorate under the current conditions and pressure. | | | | | |
| 90 | Doesn't cutting weeds make them grow more (like cutting grass?) Should be pulled out by the roots? Who pays for divers to hand remove? Taxes are high enough. We who are retired are on fixed income. | | | | | |
| 91 | | | | | | |
| 92 | | | | | | |

| Survey Number | General Comments | | | | |
|---------------|--|--|--|--|--|
| 93 | I have concerns on the oxygen levels in late winter. Last year I felt was worse than this year. believe we should look at some type of air compressor system to raise the levels in the winter 22) Low oxygen level late winter before thaw | | | | |
| 94 | | | | | |
| 95 | Both of us volunteered before, but are too old to continue. There is a lot of favoritism on the Board. Also feel that the people who run the annual picnic should be honored and recognize for their contributions - they are a rare group! There should be a training class or two for the who run the weeder equipment, we know all people can't come to just one class, so a couple should be scheduled. Also there are other shorelines besides the north and east ends. | | | | |
| 96 | Extremely weedy lake. Not certain how you can harvest the shorelines. I just feel that boaters and fishermen should have to be fifty feet or more from peoples private piers to respect the privacy of the lake property owners, especially when you want to sit on a bench on your pier in the early morning with a nice cup of coffee, or want to enjoy a peaceful quiet lake, just hearing the loons or watching the eagles soar above the lake. Those are a lot of what I enjoy. 23) Fishermen respecting lake property owners | | | | |
| 97 | | | | | |
| 98 | I know that years ago, this was a fine fishing lake, now it is filled with slimy looking weeds o shore and in the center of the lake. These weeds need to be replaced with native plants, then replace the walleyes that I heard once a part of Rollingstone lake. | | | | |
| 99 | The points I would like addressed - the need to have a boat launch fee to maintain the launch, and keep the traffic down on the lake. The fishing pressure needs to be relieved. I would like to know more about dredging/sludge pumping to improve the lake bottom and weed population. Reduce the northern population. | | | | |
| 100 | I believe the lake itself is better than it was 17 years ago,but it would be better if we could harvest or manage weedcutting better. I would be willing to pay additional money and suggest hiring a crew of 2-3 employees to operate and haul weeds weekly. This cost could be shared by the district residents and I don't think it would be that big a cost for each district property owner. Also, we have less fishing pressure now than we did years ago and I have noticed the size of the bluegills seems to be smaller, could they be a little stunted? I don't believe its from fishing pressure or over harvesting. I still catch as many or more fish than years ago but not as many big ones, maybe it's a cycle, I don't know. Thanks you for your help and work on this project. | | | | |
| 101 | | | | | |
| 102 | | | | | |
| 103 | 31) Live out of state | | | | |
| 104 | I don't fish the lake. I just visit a few times a year. | | | | |
| 105 | | | | | |
| 106 | I ice fish during the months of Jan -Feb - March, (weekends). I plan to spend a significant amount of time on our property this summer. Please feel free to contact me. If I can help I will. Thanks for your concern. | | | | |
| 107 | | | | | |
| 108 | Some years back I did harvest weeds on Rollingstone Lake. However, because merely cutting off the weeds still does not totally remove the roots, which I believe must be removed totally insure no new regrowth of weeds. Thank you. | | | | |
| 109 | I use my place for 4 wheelers and snowmobiling only. | | | | |

| Cumror Number | General Comments | | | | | |
|---------------|---|--|--|--|--|--|
| Survey Number | We would like to see the lake dredged. We have not found an area that does not have muck | | | | | |
| 110 | and weeds which makes it almost impossible to jump in for a swim on hot days. | | | | | |
| | 14) Dredging lake | | | | | |
| | | | | | | |
| 111 | 23) Lowering lake | | | | | |
| | This is a great lake, the weeds need to stay to protect the fish. They need very little control, | | | | | |
| 112 | the weed harvester is doing OK. | | | | | |
| 113 | une weed har vester is doing oit. | | | | | |
| 114 | 23) Excessive taxation of people who neither live on nor use your lake | | | | | |
| 115 | | | | | | |
| 116 | 14) Taxes | | | | | |
| 117 | | | | | | |
| 118 | | | | | | |
| 119 | | | | | | |
| 120 | 1) Camper with electric | | | | | |
| 120 | 31) Health problems | | | | | |
| | In 1968 we came to Rollingstone Lake.We liked the north woods and we liked to fish. We | | | | | |
| | built a cabin on a lot on Walleye Rd. In 1975 we bought a lot on the lake. We became | | | | | |
| | involved in fund raisers to help make the lake less weedy. The fish had become smaller in | | | | | |
| | size. In the 80's we donated an amount to help pay for the first harvester, they didn't have too | | | | | |
| | many volunteers at that time. In the late 80,s we retired and became the chairman of the P & | | | | | |
| | R district. We bought a new weed harvester and with all the volunteers that were asked to | | | | | |
| 121 | help, we were making progress cleaning up the lake and fishing became quite good. Next we | | | | | |
| | started to get the people to clean up their septic systems. The people got new systems and | | | | | |
| | holding tanks. Everything was going good. The DNR let us spray purple loosestrife. Mole | | | | | |
| | Lake Indians planted wild rice. We monitored the water quality of the lake for the DNR for | | | | | |
| | many years. We kept track of the loons. In the middle 90's I had to quit the chairman job | | | | | |
| | because of my health, the next chairman didn't ask people to volunteer and he wasn't a go | | | | | |
| | getter and the lake slowly returned to weeds and not taking care of the lake. | | | | | |
| 122 | | | | | | |
| | We currently have our home for sale on Rollingstone Lake because the lake is so full of | | | | | |
| | weeds. It's to the point you cannot go for a pontoon ride without stopping multiple times to | | | | | |
| 123 | get the weeds off the motor. The kids don't want to swim or fish because of the weed | | | | | |
| | problem. We are finding it hard to sell because people ask about the water quality and depth | | | | | |
| | of the lake. It's a shame because we love it up here. | | | | | |
| | Weed harvesting has been used on Rollingstone for many years. The volunteers have worked | | | | | |
| 124 | tirelessly to try to control the weed overgrowth with little results. A multi step approach needs | | | | | |
| | to be used to control these weeds. A plan should be implemented to control small sized pan | | | | | |
| | fish. Suggest catch & release of game fish for 3 plus years to help control panfish and increase | | | | | |
| 125 | trophy fishing for the future of our children and their children. | | | | | |
| | 31) We were out of state | | | | | |
| 126 127 | | | | | | |
| 12/ | | | | | | |

| Survey Number | General Comments | | | | |
|----------------|---|--|--|--|--|
| Sarvey rannoci | I answered question with "I do not wish to volunteer" because I do not know enough about the | | | | |
| | | | | | |
| | answers possible for question 32. I do know that the lake management is a difficult job | | | | |
| | because it deals with private citizens around the lake, their property, etc., and the rest of the | | | | |
| | public that might use the lake. I have fished the lake in the winter, spring, summer and fall. I | | | | |
| | think it is a wonderful lake and is abundant with panfish. The weeds do become horrendous | | | | |
| 128 | by late summer, though. Providing education to the public as in billboards, signs, etc., at the | | | | |
| 120 | landing and garbage cans will help with the cleanliness of the lake. A "pay and spray" boat | | | | |
| | and trailer wash might be nice to remove plants, etc. Signs to educate the public may work. | | | | |
| | Post meeting minutes, lake study results, etc. Post help wanted signs for workers, etc. | | | | |
| | Landowners must remember also that they do not own the water, they just live there. Tourists | | | | |
| | provide many things to our community, some good, some bad, but it seems that the worst | | | | |
| | offenders of our lands are people who live in the area. | | | | |
| 129 | one needs of our families are people who have in the area. | | | | |
| 130 | | | | | |
| 131 | 1) Wooded property not directly on lake | | | | |
| | In general, the Rollingstone P&R District has made positive changes to the quality of | | | | |
| | Rollingstone Lake. During the 1980's, I remember weeds accumulating along the shore that | | | | |
| 132 | extended well past the ends of all the docks. Now, the loose floating weeds are still present, | | | | |
| | but not nearly what it used to be. I feel the greatest impact to the overall quality of the lake | | | | |
| | was the elimination of failing septic systems around the lake. | | | | |
| | Since my first husband passed away 13 years ago we do not use the lake at all. My present | | | | |
| | husband is elderly and still very active but could not help with the above activities. We are not | | | | |
| 133 | up there that often, mostly to mow and check things. Been trying to sell the cottage. Getting | | | | |
| 133 | to be too much work and having to go up all the time. Do not enjoy it anymore. Too many | | | | |
| | years up there. | | | | |
| | I have had a cottage on Rollingstone for 46 years. My wife, mother and stepfather also live on | | | | |
| 134 | the lake. | | | | |
| | Not at the lake enough to volunteer. | | | | |
| 135 | 23) Need more fish less weeds | | | | |
| 136 | ab) 1 (dea more 115) 1455 (reds | | | | |
| 137 | 14) Weed control | | | | |
| | Many years ago my shoreline was clean and clear, having a sandy bottom. Now I do not have | | | | |
| 138 | a shoreline due to vegetation. The plants go from shore to about 30-40 foot out. The bottom | | | | |
| | is all muck. | | | | |
| 139 | Leaving weed lines in certin places in lake should be left alone. | | | | |
| | We just started camping on Rollingstone 2 years ago. Fishing is great in spring but the weeds | | | | |
| | by mid summer are so thick your boat can hardly move. The algea seems to get quite bad. We | | | | |
| 140 | don't know a lot about the P&R group but would like to learn more and would like to donate | | | | |
| | to the garage sale especially. | | | | |
| | 31) III | | | | |
| 141 | | | | | |
| 142 | † | | | | |
| 143 | | | | | |
| 144 | Rollingstone Lake is pretty weedy. The kids go to another lake to swim because of this. It has | | | | |
| 144 | gotten better if the weed chopper keeps up. | | | | |

| Survey Number | General Comments | | | | | |
|---------------|---|--|--|--|--|--|
| 145 | As for question 12 -boat launching - What about the people who live around Rollingstone Lake, own their trailer, pay taxes, pay rent on the land, but have no pier. I could see a small nominal fee for these people from May to the end of October. These people are forced to launch their boat each time they go out to fish. People with piers have their boat at the pier the entire summer. 31) Never know when we come up | | | | | |
| 146 | Rollingstone Lake is a great resource that we have in NE Wisconsin. I understand that it has received a lot of pollution from septic systems in the past. I also realize that as the lake becomes more developed, the shoreline vegitation is cleared which allows more rain to come to the ground and create more erosion potential. Excavation for new roads, driveways and foundations also create problems. We really need to safeguard the natural resources surrounding this lake and prevent it from looking like a golf course. This lake is shallow enough already and it will only get shallower if we don't prevent it from becoming silted in | | | | | |
| 147 | | | | | | |
| 148 | | | | | | |
| 149 | | | | | | |
| 150 | | | | | | |
| 151 | | | | | | |
| 152 | | | | | | |
| 153 | | | | | | |
| 154 | | | | | | |
| 155 | I have been told in the past Rollingstone was a good walleye lake to fish. I haven't caught one in all the years I have fished the lake or heard of anyone catching one. Get the lake weeds under control to make this lake better. 31) Live too far away | | | | | |
| 156 | | | | | | |
| 157 | | | | | | |
| 158 | | | | | | |
| 159 | There is no change without change. As long as the same people stay in power (board members) nothing will change. Term limits are necessary. 22) Water depth | | | | | |
| 160 | We would like that our septic systems should be checked out more often for things like tank cracks, ground run off, leaks, and our main concern at this time are the weeds in our lake. Way too many weeds in the lake. 22) Too many weeds in water | | | | | |
| 161 | | | | | | |
| 162 | | | | | | |
| 163 | Very sick the last 2 years. Can't stay out of the hospital. | | | | | |
| 164 | | | | | | |
| 165 | | | | | | |
| 166 | 1) Supporter not in district | | | | | |
| 167 | | | | | | |
| 168 | | | | | | |
| 169 | | | | | | |
| 170 | When I retire I would be more interested in helping in different chores or needs. | | | | | |
| 171 | | | | | | |
| 172 | 31) Had to work that weekend | | | | | |

| Survey Number | General Comments | | | | | |
|---------------------|--|--|--|--|--|--|
| Sur . Cy T (dilloct | 1) Whenever we want throughout the year | | | | | |
| 173 | 14) Only for people not on the lake | | | | | |
| | 23) 2 feet of muck | | | | | |
| 174 | 20) 2 100t 01 Maok | | | | | |
| | From what I heard, the dam needs to be changed. The lake has an enormous amount of silt on | | | | | |
| | the bottom. Some sort of bottom discharge dam would allow the incoming silt to leave the | | | | | |
| 175 | lake. Without this the lake will continue to fill up and get shallow. Eventually, Rollingstone | | | | | |
| 175 | will turn into a bog. I hear all the walleye stories from years past and truly believe that the | | | | | |
| | current condition of the lake that the walleyes won't survive and never reproduce. Thank you | | | | | |
| | for your work and interest in our lake! | | | | | |
| 176 | Many issues of this letter don't concern me because I live off the lake. I answered to the best | | | | | |
| 170 | of my ability. Thank you for this info anyway. | | | | | |
| 177 | | | | | | |
| 178 | 23) Would like to be able to have a sandy beach for children to go swimming | | | | | |
| | The weed harvester you have used in the past 30 plus years has been a waste of time and | | | | | |
| | money. Trimming weeds does not accomplish a single thing. The southern 50% of the lake is | | | | | |
| | nothing short of a weed infested wasteland including any part of the lake under 5 feet deep or | | | | | |
| 179 | less. The DNR has barges and the machine that sucks the silt from the bottom of lakes. | | | | | |
| | Rolling stone needs to be cleaned of silt and/or restructured. You don't have to do 100% of | | | | | |
| | the lake, but something must be done to clean and restructure the lake. Anything short of this | | | | | |
| | is a waste of time and money. | | | | | |
| 180 | I think it would be great if they would allow persons that own camp grounds to put in sand or | | | | | |
| | whatever it takes to make a beach for children to go swimming and something to do. | | | | | |
| | We've been going to this lake for 53 years. Water quality and levels are my most concern. I | | | | | |
| 181 | remember when water levels were up and less vegetation and clearer water, better fishing. | | | | | |
| | Maybe install some type of dam to help control a little more water to the lake. There use to be a dam!!! | | | | | |
| | | | | | | |
| | Have fished Rollingstone Lake for many years - approx 40. What happened to the lake the last | | | | | |
| | 5 years? Too much algae and weeds. I can remember 26" walleyes and 32" northerns. Some | | | | | |
| 182 | of the pan fish last year were not healthy. Appears to be an abundance of them. Twenty years | | | | | |
| | ago the algea bloom didn't become a problem until the first part of August. Today it happens | | | | | |
| | the end of June. No fertilizer should be used on the lawns. Lets protect our resources!! | | | | | |
| | In my opinion its sewage that caused this mess that this lake is faced with. The weeds and the | | | | | |
| | silty bottom need to be dealt with before the lake fills in to the point of becoming a marsh and | | | | | |
| 183 | not navigatable by anything but airboats. PS - thanks for asking for my views. | | | | | |
| 103 | 23) Septics caused this mess. 40 years ago that lake was clean with only a few weed beds. | | | | | |
| | Now all weeds and bottom is 2'-4' or more of mushy silt. The lake needs to be dredged to | | | | | |
| | eliminate this, then clean up septics. | | | | | |
| 184 | | | | | | |
| | Water quality is the main concern; property on or near the shore is mainly impacted. We | | | | | |
| 185 | would also like to see the walleye stocking start up again. Water skiing/tubing activities are | | | | | |
| 10.5 | very important. | | | | | |
| 186 | | | | | | |
| 187 | | | | | | |

| Survey Number | General Comments | | | | |
|---------------|---|--|--|--|--|
| | (No survey filled out by this person) I live over 5 miles away from Rollingstone. I don't care what happens on the lake. I don't use it, don't fish it, frequent the resorts, swim, boat or do | | | | |
| 188 | anything else concerning the lake. All I do is get slapped with an addition to my property taxes to help pay for the lake district. As far as any business generated by tourists using the lake, that only effects that Hwy 55 where I live is so busy you can't cross the road. You could | | | | |
| | better serve the district if you would have listened to some of us 20 years ago when we warned that houses on the lake were draining their sewage into the lake. | | | | |
| 189 | (Survey not filled out) Regarding Rolling Stone Lake, I'll give you my 2 cents worth, if it matters. I am the second generation up their (sp) & my Dad and his friends fished that lake without any complaints. This may have been done in the 40's and 50's. I do not fish, I do not have the time or major interest. You and others do more worrying about the condition of that lake, than what I believe is necessary. Everybody in the area is going "overboard" to create a "perfect lake" and you're just fighting nature. There is no perfect lake and Rolling Stone has survived since the planet was created. You can continue to cut weeds and do this and that, but it's still an on-going battle with nature. How about one really nice sandy beach! With the resorts on that lake their (sp) isn't one nice beach on that lake! If money continues to be spent on that lake, don't you think people deserve some decent beaches? I'm sure some of the money from property taxes is some way involved with the maintenance/upkeep of the lake. I travel an extra 10 miles and go to Crystal lake, as it has a sandy bottom, clean water and warms up nicely in summer. I've never seen a weed cutter on that lake and it seems to be doing fine. Should I say "keep up the good work", as I'm sure it will continue to go on forever!? Good luck fighting Mother Nature, but I know you can't win! | | | | |



APPENDIX C

Water Quality Data

n ... o.

Date: 02-12-09 Time: 10:45 Weather: Mostly Cloudy, Breezy, 33 F Max Depth (ft): RSLS Depth (ft): RSLB Depth (ft): Secchi Depth (ft):

| вів | vert: | | | Secci |
|---------------|--------------|----------------|-----|---------------------|
| Depth (ft) | Temp (°C) | D.O. (mg/l) | pH | Sp. Cond (µS/cm) |
| 1.0 | 8.0 | 5.2 | 7.2 | 232 |
| 2.0 | 0.9 | 3.7 | 7.0 | 224 |
| 3.0 | 1.7 | 2.0 | 6.9 | 261 |
| 4.0 | 3.1 | 1.3 | 6.8 | 276 |
| 5.0 | 3.2 | 0.8 | 6.6 | 279 |
| 6.0 | 3.6 | 0.6 | 6.6 | 280 |
| 7.0 | 3.8 | 0.5 | 6.5 | 288 |
| 8.0 | 4.1 | 0.4 | 6.5 | 282 |
| 8.0 | 4.1 | 0.4 | 6.5 | 282 |

| | | Feb | ruary 12 | 2, 2009 | | |
|------------|-----------------------|-----|----------|---------|--------------|---------|
| Depth (ft) | 0 2 4 6 8 | 5 | 10 | 15 | → Ten (°C |)). |

| Parameter | RSLS | RSLB |
|-----------------------|---------|---------|
| Total P (µg/L) | 41.000 | 48.000 |
| Dissolved P (µg/L) | 7.000 | 6.000 |
| Chl a (µg/L) | NA | NA |
| TKN (μg/L | 960.00 | 1100.00 |
| NO3+NO2-N (µg/L) | ND | ND |
| NH3-N (µg/L) | 290.000 | 295.000 |
| Total N (µg/L) | 960.00 | 1100.00 |
| Lab Cond. (µS/cm) | NA | NA |
| Lab pH | NA | NA |
| Alkal (mg/l CaCO3) | NA | NA |
| Total Susp Sol (mg/l) | 8 | 10 |
| Calcium (mg/l) | NA | NA |

Data collected by EJH and SNR (Onterra)

Polling Ston

Date: 04-18-09
Time:
Weather:
Fat: BTB Verf:

Max Depth (ft): RSLS Depth (ft): RSLB Depth (ft): Secchi Depth (ft):

| epth ft) | Temp (°F) | Temp (°C) | pН | Sp. Cond (µS/cm) |
|-------------|--------------|--------------|----|---------------------|
| 3.0 | 48.9 | 10.6 | | |
| 6.0 | 47.2 | 9.5 | | |
| 9.0 | 46.2 | 8.9 | | |

| 0 | 5 10 | 15 | 20 | 25 |
|-----|--------|----|----|----|
| 0 | | | | |
| | | | | |
| 2 | | | | |
| 2 1 | | | | |
| 4 | Ţ | | | |
| | | | | |
| 6 - | + | | | |
| 1 | | | | |
| 8 - | | | (° | C) |
| 10 | Ī | | | |
| | 6 8 10 | 8 | 8 | 8 |

| Parameter | RSLS | RSLB |
|-----------------------|--------|------|
| Total P (µg/L) | 21.000 | NA |
| Dissolved P (μg/L) | NA | NA |
| Chl a (µg/L) | NA | NA |
| TKN (µg/L | NA | NA |
| NO3+NO2-N (µg/L) | NA | NA |
| NH3-N (µg/L) | NA | NA |
| Total N (µg/L) | NA | NA |
| Lab Cond. (µS/cm) | NA | NA |
| Lab pH | NA | NA |
| Alkal (mg/l CaCO3) | NA | NA |
| Total Susp Sol (mg/l) | NA | NA |
| Calcium (mg/l) | NA | NA |

Data collected by: Matthew F. Kerzisnik, Jerry Mijal, Vern Rusch, Sonny Wreczycki (Rolling Stone Lake CLMN)

Rolling Stor

Date: 04-22-09 Time: 11:00 Weather: Month Cloudy Progra 42 Max Depth (ft):

RSLS Depth (ft):

RSLB Depth (ft):

Secchi Depth (ft):

| Depth (ft) | Temp (°C) | D.O. (mg/l) | pH | Sp. Cond (µS/cm) |
|---------------|--------------|----------------|-----|---------------------|
| 1.0 | 6.1 | 11.4 | 8.2 | 180 |
| 2.0 | 6.1 | 11.4 | 8.2 | 182 |
| 3.0 | 6.1 | 11.4 | 8.2 | 182 |
| 4.0 | 6.1 | 11.4 | 8.0 | 181 |
| 5.0 | 6.1 | 11.4 | 7.9 | 182 |
| 6.0 | 6.1 | 11.4 | 7.9 | 182 |
| 7.0 | 6.1 | 11.4 | 7.9 | 182 |
| 8.0 | 6.1 | 11.4 | 7.9 | 182 |
| 9.0 | 6.1 | 11.4 | 8.0 | 182 |

| April 22, 2009 | | | | | | | |
|----------------|-----|---|----|----|----------------------|-----|--|
| | 0 | 5 | 10 | 15 | 20 | 25 | |
| | 0 | | | | | | |
| | 2 | | H | | | | |
| Depth (ft) | 4 | | t | | | | |
| Dept | 6 - | | t | | → Tem | in. | |
| | 8 | 1 | ŀ | | (°C) — D.O (mg | | |

| Parameter | RSLS | RSLB |
|-----------------------|--------|--------|
| Total P (µg/L) | 21.000 | 24.000 |
| Dissolved P (µg/L) | ND | ND |
| Chi a (µg/L) | 6.04 | NA |
| TKN (μg/L | 530.00 | 460.00 |
| NO3+NO2-N (µg/L) | | ND |
| NH3-N (µg/L) | | ND |
| Total N (µg/L) | 530.00 | 460.00 |
| Lab Cond. (µS/cm) | 189 | 189 |
| Lab pH | 8.61 | 8.63 |
| Alkal (mg/l CaCO3) | 93 | 93 |
| Total Susp Sol (mg/l) | ND | ND |
| Calcium (mg/l) | 22.3 | NA |

Data collected by: Tim Hoyman (Onterra)

2009-2010 Onterra, LLC

Polling Stor

 Date:
 05-03-09
 M

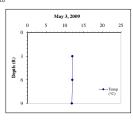
 Time:
 RSLS

 Weather:
 RSLS

 Ent:
 BTB
 Verf:

| Depth (ft) | Temp (°F) | Temp (°C) | pН | Sp. Cond (µS/cm) |
|---------------|--------------|--------------|----|---------------------|
| 3.0 | 51.2 | 12.0 | | |
| 6.0 | 51.2 | 12.0 | | |
| 9.0 | 51.0 | 11.9 | | |

| Parameter | RSLS | RSLB |
|-----------------------|------|------|
| Total P (µg/L) | NA | NA |
| Dissolved P (µg/L) | NA | NA |
| Chl a (µg/L) | NA | NA |
| TKN (µg/L | NA | NA |
| NO3+NO2-N (µg/L) | NA | NA |
| NH3-N (µg/L) | NA | NA |
| Total N (µg/L) | NA | NA |
| Lab Cond. (µS/cm) | NA | NA |
| Lab pH | NA | NA |
| Alkal (mg/l CaCO3) | NA | NA |
| Total Susp Sol (mg/l) | NA | NA |
| Calcium (mg/l) | NA | NA |



Data collected by: Matthew F. Kerzisnik, Jerry Mijal (Rolling Stone Lake CLMN)

Rolling Stone

Date: 05-17-09 Time: Weather: Ent: BTB Verf:

Max Depth (ft):

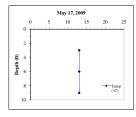
RSLS Depth (ft):

RSLB Depth (ft):

Secchi Depth (ft):

| Depth (ft) | Temp (°F) | Temp (°C) | pН | Sp. Cond (µS/cm) |
|---------------|--------------|--------------|----|---------------------|
| 3.0 | 52.8 | 13.0 | | |
| 6.0 | 52.8 | 13.0 | | |
| 9.0 | 52.8 | 13.0 | | |

| Parameter | RSLS | RSLB |
|-----------------------|----------|------|
| Total P (µg/L) | NA NA | NA |
| Dissolved P (µg/L) | NA | NA |
| Chl a (µg/L) | NA | NA |
| TKN (μg/L | NA | NA |
| NO3+NO2-N (µg/L) | NA | NA |
| NH3-N (µg/L) | NA | NA |
| Total N (µg/L) | NA | NA |
| Lab Cond. (µS/cm) | NA | NA |
| Lab pH | NA | NA |
| Alkal (mg/l CaCO3) | NA | NA |
| Total Susp Sol (mg/l) | NA | NA |
| Calcium (mg/l) | NA | NA |



Data collected by: Matthew F. Kerzisnik, Jerry Mijal (Rolling Stone Lake CLMN)

Rolling Stone

| Date: | 05-31-09 | | Max Depth (ft): |
|----------|----------|-------|--------------------|
| Time: | | | RSLS Depth (ft): |
| Weather: | | | RSLB Depth (ft): |
| Ent: | BTB | Verf: | Secchi Depth (ft): |

Data collected by: Matthew F. Kerzisnik, Jerry Mijal (Rolling Stone Lake CLMN)

Rolling Stone

Date: 06-13-09 Time: Weather: Ent: BTB Verf:

RSLS Depth (ft): RSLB Depth (ft): Secchi Depth (ft):

| Parameter | RSLS | RSLB |
|-----------------------|--------|------|
| Total P (µg/L) | NA | NA |
| Dissolved P (µg/L) | NA | NA |
| Chi a (µg/L) | NA | NA |
| TKN (μg/L | 700.00 | NA |
| NO3+NO2-N (µg/L) | ND | NA |
| NH3-N (µg/L) | 27.000 | NA |
| Total N (µg/L) | 700.00 | NA |
| Lab Cond. (µS/cm) | NA | NA |
| Lab pH | NA | NA |
| Alkal (mg/l CaCO3) | NA | NA |
| Total Susp Sol (mg/l) | NA | NA |
| Calcium (mg/l) | NA | NA |

Data collected by: Matthew F. Kerziśnik, Jerry Mijal (Rolling Stone Lake CLMN)

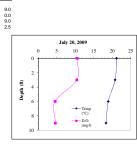
2009-2010 Onterra, LLC

Date: 07-20-09 Time: Weather: Ent: BTB

Max Depth (ft): RSLS Depth (ft): RSLB Depth (ft): Secchi Depth (ft):

| Verf: | | | | Sec |
|-------|--------------|----------------|-----|---------------------|
| • | Temp (°C) | D.O. (mg/l) | pH | Sp. Cond (µS/cm) |
| 0.0 | 21.1 | 10.5 | 9.1 | 133 |
| 3.0 | 20.8 | 10.4 | 9.1 | 133 |
| 6.0 | 18.9 | 4.5 | 8.9 | 133 |
| 9.0 | 18.3 | 4.6 | 8.4 | 135 |

| Parameter | RSLS | RSLB |
|-----------------------|---------|------|
| Total P (µg/L) | 58.000 | NA |
| Dissolved P (µg/L) | NA | NA |
| Chl a (µg/L) | 43.00 | NA |
| TKN (μg/L | 1350.00 | NA |
| NO3+NO2-N (µg/L) | ND | NA |
| NH3-N (µg/L) | NA | NA |
| Total N (µg/L) | 1350.00 | NA |
| Lab Cond. (µS/cm) | NA | NA |
| Lab pH | NA | NA |
| Alkal (mg/l CaCO3) | NA | NA |
| Total Susp Sol (mg/l) | NA | NA |
| Calcium (mo/l) | 23.0 | NA |



Data collected by: Kyle McLaughlin (WDNR)

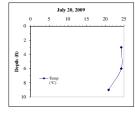
Date: 07-20-09 Time: Weather: Ent: BTB

| Max | Depth (ft): |
|--------|-------------|
| RSLS | Depth (ft): |
| RSLB | Depth (ft): |
| Secchi | Depth (ft): |

| RSLB | Depth | (ft): | |
|--------|-------|-------|--|
| Secchi | Depth | (ft): | |
| | | | |

| Depth (ft) | Temp (°F) | Temp (°C) | pН | Sp. Cond (µS/cm) |
|---------------|--------------|--------------|----|---------------------|
| 3.0 | 70.8 | 24.3 | | |
| 6.0 | 70.8 | 24.3 | | |
| | | | | |

| Parameter | RSLS | RSLB |
|-----------------------|----------|------|
| Total P (µg/L) | NA | NA |
| Dissolved P (µg/L) | NA | NA |
| Chl a (µg/L) | 46.600 | NA |
| TKN (μg/L | 1820.000 | NA |
| NO3+NO2-N (µg/L) | ND | NA |
| NH3-N (µg/L) | 16.000 | NA |
| Total N (µg/L) | 1820.000 | NA |
| Lab Cond. (µS/cm) | NA | NA |
| Lab pH | NA | NA |
| Alkal (mg/l CaCO3) | NA | NA |
| Total Susp Sol (mg/l) | NA | NA |
| Calcium (mg/l) | NA | NA |



Data collected by: Matthew F. Kerzisnik, Jerry Mijal (Rolling Stone Lake CLMN)

Rolling Stone

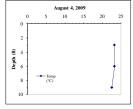
Date: 08-04-09 Time: Weather: Ent: BTB

Max Depth (ft): RSLS Depth (ft): RSLB Depth (ft): Secchi Depth (ft):

7.0

| Depth (ft) | Temp (°F) | Temp (°C) | pН | Sp. Cond (µS/cm) |
|---------------|--------------|--------------|----|---------------------|
| 3.0 | 69.2 | 23.3 | | |
| 6.0 | 69.2 | 23.3 | | |
| 9.0 | 68.1 | 22.6 | | |

| Parameter | RSLS | RSLB |
|-----------------------|------|------|
| Total P (µg/L) | NA | NA |
| Dissolved P (µg/L) | NA | NA |
| Chl a (µg/L) | NA | NA |
| TKN (μg/L | NA | NA |
| NO3+NO2-N (µg/L) | NA | NA |
| NH3-N (µg/L) | NA | NA |
| Total N (µg/L) | NA | NA |
| Lab Cond. (µS/cm) | NA | NA |
| Lab pH | NA | NA |
| Alkal (mg/l CaCO3) | NA | NA |
| Total Susp Sol (mg/l) | NA | NA |
| Calcium (mg/l) | NA | NA |



Data collected by: Matthew F. Kerzisnik, Jerry Mijal (Rolling Stone Lake CLMN)

2009-2010 Onterra, LLC

Rolling Stone

Date: 06-13-09 Time: 8/19/2009 Weather: Ent: BTB

Max Depth (ft): RSLS Depth (ft): RSLB Depth (ft): Secchi Depth (ft):

| Parameter | RSLS | RSLB |
|-----------------------|--------|------|
| Total P (µg/L) | 46.000 | NA |
| Dissolved P (µg/L) | NA | NA |
| Chl a (µg/L) | 14.10 | NA |
| TKN (μg/L | NA | NA |
| NO3+NO2-N (µg/L) | NA | NA |
| NH3-N (µg/L) | NA | NA |
| Total N (µg/L) | NA | NA |
| Lab Cond. (µS/cm) | NA | NA |
| Lab pH | NA | NA |
| Alkal (mg/l CaCO3) | NA | NA |
| Total Susp Sol (mg/l) | NA | NA |
| Calcium (mo/l) | NΔ | NΔ |

Data collected by: Matthew F. Kerzisnik, Jerry Mijal (Rolling Stone Lake CLMN)

Rolling Stone

9.0 0.0 9.0 4.8

| Depth (ft) | Temp (°C) | D.O. (mg/l) | pН | Sp. Cond (µS/cm) |
|---------------|--------------|----------------|-----|---------------------|
| 0.0 | 22.5 | 8.4 | 8.7 | 135 |
| 3.0 | 22.5 | 8.4 | 8.7 | 135 |
| 6.0 | 22.5 | 7.9 | 8.7 | 135 |
| 0.0 | 20.1 | 7.0 | 0.7 | 425 |

| Parameter | RSLS | RSLB |
|-----------------------|--------|------|
| Total P (µg/L) | 51.000 | NA |
| Dissolved P (µg/L) | NA | NA |
| Chl a (µg/L) | 10.90 | NA |
| TKN (μg/L | NA | NA |
| NO3+NO2-N (µg/L) | NA | NA |
| NH3-N (µg/L) | NA | NA |
| Total N (µg/L) | NA | NA |
| Lab Cond. (µS/cm) | 195 | NA |
| Lab pH | 8.44 | NA |
| Alkal (mg/l CaCO3) | 94 | NA |
| Total Susp Sol (mg/l) | NA | NA |
| Calcium (mg/l) | NA | NA |

August 19, 2009 5 10 15 20 Depth (ft)

Data collected by: Kyle McLaughlin (WDNR)

Temp (°C)

Rolling Stone

D.O. (mg/l)

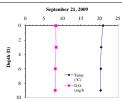
pH 8.6

Date: 09-21-09 Time: Weather: Ent: BTB

Max Depth (ft): RSL RSL

| max | Depth (II | y: | 9.0 |
|--------|-----------|-------|-----|
| SLS | Depth (fi | t): | 0.0 |
| SLB | Depth (fi | t): | 9.0 |
| Secchi | Depth (f | t): 1 | 0.0 |
| | | | |

| 0.0 9.0 10.0 | |
|--------------------|--|
| | |



| Parameter | RSLS | RSLB |
|-----------------------|--------|------|
| Total P (µg/L) | 34.000 | NA |
| Dissolved P (µg/L) | NA | NA |
| Chl a (µg/L) | 7.20 | NA |
| TKN (µg/L | NA | NA |
| NO3+NO2-N (µg/L) | NA | NA |
| NH3-N (µg/L) | NA | NA |
| Total N (µg/L) | NA | NA |
| Lab Cond. (µS/cm) | NA | NA |
| Lab pH | NA | NA |
| Alkal (mg/l CaCO3) | NA | NA |
| Total Susp Sol (mg/l) | NA | NA |
| Calcium (mg/l) | NA | NA |

Depth (ft)

Data collected by: Kyle McLaughlin and Kevin Gauthier Sr (WDNR)

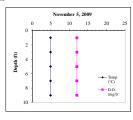
2009-2010 Onterra, LLC Rolling Stone

| Date: 11-05-09 | Time: 12:05 | Weather: Breezy, 44F, Clear | Ent: BTB | Verf:

Max Depth (ft):

| m | ax Depth (it): | |
|------|----------------|---|
| RSLS | Depth (ft): | 3 |
| RSLB | Depth (ft): | 8 |
| Seco | hi Depth (ft): | 6 |
| | | |
| Cond | | |

| 9.0 | 4.9 | 12.0 |
|--------------------|--------|------|
| | | |
| Parameter | RSLS | RSLB |
| Total P (μg/L) | 29.000 | 28 |
| Dissolved P (µg/L) | NA | NA |
| Chl a (µg/L) | 10.60 | NA |
| TKN (µg/L | 870.00 | NA |
| NO3+NO2-N (µg/L) | ND | NA |
| NH3-N (µg/L) | ND | NA |
| Total N (μg/L) | 870.00 | NA |
| Lab Cond. (µS/cm) | NA | NA |
| Lab ald | NΑ | NΙΛ |



Rolling Stone

| Date: 03-02-10 | Time: 10:30 | Weather: 100% Sun, 25F, calm | Ent: DAC | Verf:

Max Depth (ft):

| RSLS | Depth | (ft): | | |
|--------|-------|-------|---|-----|
| RSLB | Depth | (ft): | - | |
| Secchi | Depth | (ft): | | 2.6 |
| | | | | |

| Depth (ft) | Temp (°C) | D.O. (mg/l) | pН | Sp. Cond (µS/cm) |
|---------------|--------------|----------------|-----|---------------------|
| 1.0 | 1.1 | 6.1 | 7.5 | 278 |
| 2.0 | 1.0 | 5.3 | 7.5 | 277 |
| 3.0 | 1.6 | 5.0 | 7.5 | 279 |
| 4.0 | 2.2 | 3.3 | 7.4 | 279 |
| 5.0 | 3.0 | 2.4 | 7.3 | 278 |
| 6.0 | 3.4 | 1.4 | 7.3 | 280 |
| 7.0 | 3.6 | 0.7 | 7.2 | 286 |
| 8.0 | 3.8 | 0.4 | 7.2 | 290 |
| 9.0 | 4.1 | 0.3 | 7.2 | 307 |
| 10.0 | 4.2 | 0.2 | 7.2 | 322 |

| | | | 2010 - D€ | | | |
|------------|-----------------------|----------|-----------|----|----|----|
| | 0 | 5 | 10 | 15 | 20 | 25 |
| Depth (ft) | 0 2 4 6 8 | <i>f</i> | | | | |

| Parameter | RSLS | RSLB |
|-----------------------|------|------|
| Total P (µg/L) | NA | NA |
| Dissolved P (µg/L) | NA | NA |
| Chl a (µg/L) | NA | NA |
| TKN (µg/L | NA | NA |
| NO3+NO2-N (µg/L) | NA | NA |
| NH3-N (µg/L) | NA | NA |
| Total N (µg/L) | NA | NA |
| Lab Cond. (µS/cm) | NA | NA |
| Lab pH | NA | NA |
| Alkal (mg/l CaCO3) | NA | NA |
| Total Susp Sol (mg/l) | NA | NA |
| Calcium (mg/l) | NA | NA |

Data collected by: Dan Cibulka and Brenton Butterfield (Onterra) in response to a report of a fish kill in lake. Data taken at the Deep Hole site. Ice depth 1.6 ft.

2009-2010 Onterra, LLC Rolling Stor

Date: 03-02-10 Time: 10:50 Weather: 100% Sun, 25F, calm Ent: DAC Verf:

Max Depth (ft):

RSLS Depth (ft):
RSLB Depth (ft):
Secchi Depth (ft):

| Depth | Temp | D.O. | | Sp. Cond |
|-------|------|--------|-----|----------|
| (ft) | (°C) | (mg/l) | pH | (µS/cm) |
| 1.0 | 0.3 | 10.2 | 7.5 | 228 |
| 2.0 | 0.7 | 7.3 | 7.4 | 228 |
| 3.0 | 1.4 | 5.7 | 7.2 | 246 |
| 4.0 | 1.6 | 5.1 | 7.2 | 252 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| | | March | 2, 2010 - | NW Inle | t Site |
|------------|---------|-------|-----------|---------|---------------------------|
| Depth (ft) | 0 0 1 2 | 5 | 10 | 15 | 20 |
| - | 4 | İ | | | Temp (°C) D.O. (mg/l) |

| Parameter | RSLS | RSLB |
|-----------------------|------|------|
| Total P (µg/L) | NA | NA |
| Dissolved P (µg/L) | NA | NA |
| Chl a (µg/L) | NA | NA |
| TKN (µg/L | NA | NA |
| NO3+NO2-N (μg/L) | ND | NA |
| NH3-N (µg/L) | ND | NA |
| Total N (µg/L) | NA | NA |
| Lab Cond. (µS/cm) | NA | NA |
| Lab pH | NA | NA |
| Alkal (mg/l CaCO3) | NA | NA |
| Total Susp Sol (mg/l) | NA | NA |
| Calcium (mg/l) | NA | NA |

Data collected by: Dan Cibulika and Brenton Butterfield (Onterra) in response to a report of a fish kill in lake. Data was taken in the near the NW inlet of Rollingstone Lake.

Rolling Stone

Date: 03-02-10 Time: 11:15 Weather: 100% Sun, 25F, calm Ent: DAC Verf:

Max Depth (ft):

RSLS Depth (ft):
RSLB Depth (ft):
Secchi Depth (ft):

| Depth (ft) | Temp (°C) | D.O. (mg/l) | pH | Sp. Cond (µS/cm) |
|---------------|--------------|----------------|-----|---------------------|
| 1.0 | 1.0 | 6.1 | 7.4 | 258 |
| 2.0 | 0.7 | 7.6 | 7.6 | 244 |
| 3.0 | 1.2 | 8.2 | 7.6 | 256 |
| 4.0 | 2.4 | 5.4 | 7.5 | 271 |
| 5.0 | 2.9 | 2.5 | 7.3 | 276 |
| 6.0 | 3.4 | 1.3 | 7.3 | 280 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| | Marc | h 2, 201 | 0 - Boa | t Launch | Inlet Site | e |
|------------|-------|----------|---------|----------|---------------|----|
| | 0 | 5 | 10 | 15 | 20 | 25 |
| | 0 | | | | | - |
| | 1. | | | | | |
| | - 17 | ٦. | | | | |
| € | 2 | • | | | | |
| Depth (ft) | - 1\ | | 1 | | | |
| l a | - 11 | - / | • | | | |
| | 4 | * | | | Temp | |
| | + 1 | | | | (°C) | |
| | | | | | D.O. (mg/I | . |
| | 6 1 1 | | | | (mg/i | ' |

| Parameter | RSLS | RSLB |
|-----------------------|------|------|
| Total P (μg/L) | NA | NA |
| Dissolved P (µg/L) | NA | NA |
| Chl a (μg/L) | NA | NA |
| TKN (μg/L | NA | NA |
| NO3+NO2-N (µg/L) | NA | NA |
| NH3-N (µg/L) | NA | NA |
| Total N (µg/L) | NA | NA |
| Lab Cond. (µS/cm) | NA | NA |
| Lab pH | NA | NA |
| Alkal (mg/l CaCO3) | NA | NA |
| Total Susp Sol (mg/l) | NA | NA |
| Calcium (mg/l) | NA | NA |

Data collected by: Dan Cibulka and Brenton Butterfield (Onterra) in response to a report of a fish kill in lake. Data was taken in the near the Boat Launch inlet on the NE side of Rollingstone Lake.

2009-2010 Onterra, LLC

Water Quality Data

| 2009 | Su | rface | Bottom | | |
|-----------------------|-------|--------|--------|-------|--|
| Parameter | Count | Mean | Count | Mean | |
| Secchi Depth (feet) | 11 | 6.9 | NA | NA | |
| Total P (µg/L) | 8 | 37.6 | 3 | 33.3 | |
| Dissolved P (µg/L) | 1 | 7.0 | 1 | 6.0 | |
| Chl a (µg/L) | 7 | 19.8 | NA | NA | |
| TKN (µg/L | 6 | 1038.3 | 2 | 780.0 | |
| NO3+NO2-N (µg/L) | 6 | ND | 2 | ND | |
| NH3-N (µg/L) | 5 | 111.0 | 2 | 295.0 | |
| Total N (µg/L) | 6 | 1038.3 | 2 | 780.0 | |
| Lab Cond. (µS/cm) | 2 | 192.0 | 1 | 189.0 | |
| Lab pH | 2 | 8.5 | 1 | 8.6 | |
| Alkal (mg/l CaCO3) | 2 | 93.4 | 1 | 93.2 | |
| Total Susp Sol (mg/l) | 2 | 5.0 | 2 | 6.5 | |
| Calcium (µg/L) | 2 | 22.7 | NA | NA | |

| Wisconsin Tro | phic State Inde | x (WTSI) | |
|----------------------|-----------------|----------|-------|
| Year | TP | Chla | SD |
| 1973 | 58.05 | | 53.08 |
| 1974 | 56.85 | | 54.22 |
| 1987 | | | 55.44 |
| 1988 | 51.65 | 52.75 | 50.23 |
| 1989 | 52.31 | 49.36 | 47.04 |
| 1990 | 51.71 | 49.70 | 46.46 |
| 1991 | 52.43 | 50.36 | 48.65 |
| 1992 | 52.19 | 48.58 | 46.70 |
| 1993 | 54.45 | 51.60 | 49.99 |
| 1994 | 52.35 | 47.26 | 47.06 |
| 1995 | 52.47 | 45.07 | 47.44 |
| 1996 | 55.35 | 49.24 | 47.26 |
| 1997 | 56.91 | 50.44 | 48.29 |
| 1998 | 58.35 | 56.93 | 54.48 |
| 1999 | 54.02 | 49.09 | 48.67 |
| 2000 | 57.17 | 53.08 | 52.32 |
| 2001 | 56.17 | 48.20 | 49.28 |
| 2002 | 63.28 | 59.21 | 58.46 |
| 2003 | 54.95 | 50.88 | 48.12 |
| 2004 | 56.82 | 54.93 | 52.21 |
| 2005 | 55.27 | 51.12 | 50.96 |
| 2006 | 57.68 | 56.61 | 54.91 |
| 2007 | 51.95 | 55.87 | 59.96 |
| 2008 | 57.32 | 51.31 | 44.98 |
| 2009 | 59.26 | 61.50 | 52.95 |
| All Years (weighted) | 55.81 | 52.70 | 49.79 |
| WI Natural Lakes | 53.19 | 54.23 | 47.33 |
| Northeast Region | 51.05 | 51.49 | 45.61 |

Morphological / Geographical Data

| Parameter | Value |
|---------------------------|------------------|
| Acreage | 672 |
| Volume (acre-feet) | 4,032 |
| Perimeter (miles) | |
| Shoreland Development | |
| Maximum Depth (feet) | 12 |
| County | Langlade County |
| WBIC | 389300 |
| Lillie Mason Region(1983) | Northeast Region |
| Nichols Ecoregion(1999) | NLFF |

Watershed Data

| WiLMS Class | Acreage | kg/yr | lbs/yr |
|---------------------------|---------|-------|--------|
| Forest | 5974.5 | 218 | 479.6 |
| Open Water | 672.0 | 82 | 180.4 |
| Pasture/Grass | 83.2 | 10 | 22.0 |
| Row Crops | - | - | - |
| Urban - Rural Residential | - | - | - |
| Wetland | 2178.9 | 88 | 180.4 |
| vvetidila | 2170.3 | 00 | 100.4 |

Watershed to Lake Area 13:1

| | | Secci | ni (feet) | | | Chloro | phyll a (µg/L |) | | Phospho | orus (µg/L) | | F | hosphoru | s (µg/L) | |
|----------------------|--------|----------|-----------|------|---------|--------|---------------|-------|--------|-----------|-------------|-------|----------|----------|----------|---------|
| | Growin | g Season | Sun | nmer | Growing | Season | Sı | ımmer | Growin | ng Season | | | Spring T | urnover | Fall Tu | ırnover |
| Year | Count | Mean | Count | Mean | Count | Mean | Count | Mean | Count | Mean | Count | Mean | Count | Mean | Count | Mean |
| 1973 | 2 | 5.9 | 1 | 5.3 | | | | | 1 | 58 | 1 | 46.67 | | | | |
| 1974 | 2 | 5.35 | 1 | 4.9 | | | | | 2 | 42.5 | 1 | 40 | | | | |
| 1987 | 14 | 6.59 | 4 | 4.5 | | | | | | | | | | | | |
| 1988 | 10 | 6.98 | 7 | 6.46 | 2 | 11 | 2 | 11 | 2 | 20.5 | 2 | 20.5 | | | | |
| 1989 | 15 | 8.2 | 9 | 8.06 | 5 | 7.2 | 3 | 7 | 4 | 22.75 | 3 | 22.33 | | | | |
| 1990 | 14 | 8.43 | 11 | 8.39 | 4 | 6.5 | 3 | 7.33 | 4 | 19.5 | 3 | 20.67 | | | | |
| 1991 | 19 | 7.59 | 13 | 7.21 | 3 | 8 | 3 | 8 | 3 | 22.67 | 3 | 22.67 | | | | |
| 1992 | 13 | 8.25 | 9 | 8.25 | 3 | 6.31 | 3 | 6.31 | 3 | 22 | 3 | 22 | | | | |
| 1993 | 16 | 7.42 | 11 | 6.57 | 7 | 7.92 | 5 | 9.44 | 7 | 26.29 | 5 | 29.4 | | | | |
| 1994 | 15 | 7.61 | 6 | 8.05 | 8 | 8.36 | 6 | 5.29 | 8 | 24.67 | 6 | 22.44 | | | | |
| 1995 | 19 | 7.7 | 12 | 7.84 | 7 | 5.56 | 4 | 3.95 | 8 | 23.5 | 5 | 22.8 | | | | |
| 1996 | 17 | 7.68 | 12 | 7.94 | 9 | 7.97 | 6 | 6.89 | 9 | 33.33 | 6 | 33 | | | | |
| 1997 | 19 | 7.19 | 11 | 7.39 | 8 | 9.12 | 6 | 8.09 | 9 | 40.43 | 6 | 40.32 | | | | |
| 1998 | 22 | 5.43 | 15 | 4.81 | 8 | 17.01 | 6 | 19.23 | 9 | 45.22 | 6 | 48.5 | | | | |
| 1999 | 19 | 7.68 | 11 | 7.2 | 7 | 5.53 | 5 | 6.75 | 8 | 26.88 | 5 | 27.8 | | | | |
| 2000 | 16 | 6.91 | 8 | 5.59 | 3 | 9.33 | 2 | 11.5 | 5 | 36 | 3 | 41.67 | | | | |
| 2001 | 18 | 6.63 | 12 | 6.9 | 3 | 5.93 | 2 | 6 | 5 | 36.2 | 3 | 36.67 | | | | |
| 2002 | 16 | 4.03 | 10 | 3.65 | 4 | 24.11 | 3 | 26.05 | 5 | 75.6 | 3 | 91.33 | | | | |
| 2003 | 16 | 7.92 | 10 | 7.48 | 4 | 7.83 | 3 | 8.58 | 6 | 28.33 | 3 | 31.33 | | | | |
| 2004 | 13 | 6.31 | 8 | 5.63 | 7 | 13.27 | 6 | 14.72 | 9 | 35.67 | 6 | 39.83 | | | | |
| 2005 | 11 | 6.68 | 7 | 6.14 | 4 | 8.41 | 3 | 8.85 | 5 | 32.2 | 3 | 32.67 | | | | |
| 2006 | 4 | 4.63 | 3 | 4.67 | 3 | 18.41 | 3 | 18.41 | 4 | 44.5 | 4 | 44.5 | | | | |
| 2007 | 5 | 4.42 | 3 | 3.29 | 2 | 16.69 | 2 | 16.69 | 4 | 30.2 | 2 | 21.33 | | | | |
| 2008 | 4 | 8.15 | 2 | 9.3 | 2 | 11.14 | 1 | 9.08 | 4 | 40.5 | 2 | 42.5 | | | | |
| 2009 | 17 | 6.51 | 10 | 5.35 | 4 | 20.99 | 2 | 35.35 | 5 | 37.0 | 2 | 54.5 | | | | |
| All Years (weighted) | | 7.0 | | 6.7 | | 10.3 | | 10.9 | | 33.9 | | 35.0 | | | | |
| WI Natural Lakes | | | | 7.9 | | | | 13.4 | | | | 25 | | | | |
| Northeast Region | | | | 8.9 | | | | 9.3 | | | | 19 | | | | |

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APPENDIX D

Watershed Analysis WiLMS Results

Watershed Analysis

Date: 5/14/2010 Scenario: Rolling Stone Lake Current

Lake Id: Rolling Stone Lake

Watershed Id: 0

Hydrologic and Morphometric Data

Tributary Drainage Area: 8235.0 acre

Total Unit Runoff: 12 in.

Annual Runoff Volume: 8235.0 acre-ft Lake Surface Area <As>: 672 acre Lake Volume <V>: 4032 acre-ft Lake Mean Depth <z>: 6.0 ft

Precipitation - Evaporation: 5.3 in. Hydraulic Loading: 8531.8 acre-ft/year Areal Water Load <qs>: 12.7 ft/year Lake Flushing Rate : 2.12 1/year Water Residence Time: 0.47 year

Observed spring overturn total phosphorus (SPO): 21 mg/m^3 Observed growing season mean phosphorus (GSM): 36.4 mg/m^3

% NPS Change: 0%
% PS Change: 0%

NON-POINT SOURCE DATA

| Land Use | Acre | Low Most | Likely | High Loadin | ng % Low | Most Likely | High | |
|-------------------|-------|----------|------------|-------------|----------|-------------|-------------|------|
| | (ac) | Load | ding (kg/l | na-year) | | Loa | ding (kg/ye | ear) |
| Row Crop AG | 0.0 | 0.50 | 1.00 | 3.00 | 0.0 | 0 | 0 | 0 |
| Mixed AG | 0.0 | 0.30 | 0.80 | 1.40 | 0.0 | 0 | 0 | 0 |
| Pasture/Grass | 83 | 0.10 | 0.30 | 0.50 | 2.5 | 3 | 10 | 17 |
| HD Urban (1/8 Ac) | 0.0 | 1.00 | 1.50 | 2.00 | 0.0 | 0 | 0 | 0 |
| MD Urban (1/4 Ac) | 0.0 | 0.30 | 0.50 | 0.80 | 0.0 | 0 | 0 | 0 |
| Rural Res (>1 Ac) | 0.0 | 0.05 | 0.10 | 0.25 | 0.0 | 0 | 0 | 0 |
| Wetlands | 2178 | 0.10 | 0.10 | 0.10 | 22.2 | 88 | 88 | 88 |
| Forest | 5974 | 0.05 | 0.09 | 0.18 | 54.8 | 121 | 218 | 435 |
| Lake Surface | 672.0 | 0.10 | 0.30 | 1.00 | 20.5 | 27 | 82 | 272 |

POINT SOURCE DATA

| Point Sources | Water Load | Low | Most Likely | High | Loading % |
|---------------|------------|-----------|-------------|-----------|-----------|
| | (m^3/year) | (kg/year) | (kg/year) | (kg/year) | |

SEPTIC TANK DATA

| Description | | Low | Most Likely | High | Loading % |
|-------------------------------------|-----|------|-------------|------|-----------|
| Septic Tank Output (kg/capita-year) | | 0.3 | 0.5 | 0.8 | |
| # capita-years | 0.0 | | | | |
| % Phosphorus Retained by Soil | | 98 | 90 | 80 | |
| Septic Tank Loading (kg/year) | | 0.00 | 0.00 | 0.00 | 0.0 |

TOTALS DATA

| Description | Low | Most Likely | High | Loading % |
|-----------------------------|-------|-------------|--------|-----------|
| Total Loading (lb) | 528.2 | 876.1 | 1790.3 | 100.0 |
| Total Loading (kg) | 239.6 | 397.4 | 812.1 | 100.0 |
| Areal Loading (lb/ac-year) | 0.79 | 1.30 | 2.66 | 0.0 |
| Areal Loading (mg/m^2-year) | 88.10 | 146.13 | 298.61 | 0.0 |
| Total PS Loading (lb) | 0.0 | 0.0 | 0.0 | 0.0 |
| Total PS Loading (kg) | 0.0 | 0.0 | 0.0 | 0.0 |
| Total NPS Loading (lb) | 468.2 | 696.2 | 1190.8 | 100.0 |
| Total NPS Loading (kg) | 212.4 | 315.8 | 540.1 | 100.0 |

Phosphorus Prediction and Uncertainty Analysis Module

Date: 5/14/2010 Scenario: Rolling Stone Lake Current Observed spring overturn total phosphorus (SPO): 21.0 mg/m^3 Observed growing season mean phosphorus (GSM): 36.4 mg/m^3 Back calculation for SPO total phosphorus: 0.0 mg/m^3

Back calculation GSM phosphorus: 0.0 mg/m^3

% Confidence Range: 70%

Nurenberg Model Input - Est. Gross Int. Loading: 0 kg

| Lake Phosphorus Model | Low N Total P (mg/m^3) | Most Likely Total P (mg/m^3) | <pre>High Total P (mg/m^3)</pre> | Predicted -Observed (mg/m^3) | % Dif. |
|---|------------------------------|------------------------------|----------------------------------|------------------------------|--------|
| Walker, 1987 Reservoir | 16 | 26 | 53 | -10 | -27 |
| Canfield-Bachmann, 1981 Natural Lake | 16 | 24 | 43 | -12 | -33 |
| Canfield-Bachmann, 1981 Artificial Lake | 15 | 22 | 37 | -14 | -38 |
| Rechow, 1979 General | 5 | 9 | 18 | -27 | -74 |
| Rechow, 1977 Anoxic | 19 | 31 | 64 | -5 | -14 |
| Rechow, 1977 water load<50m/year | 13 | 21 | 42 | -15 | -41 |
| Rechow, 1977 water load>50m/year | N/A | N/A | N/A | N/A | N/A |
| Walker, 1977 General | 14 | 24 | 49 | 3 | 14 |
| Vollenweider, 1982 Combined OECD | 13 | 20 | 36 | -9 | -31 |
| Dillon-Rigler-Kirchner | 6 | 10 | 21 | -11 | -52 |
| Vollenweider, 1982 Shallow Lake/Res. | 10 | 16 | 29 | -13 | -45 |
| Larsen-Mercier, 1976 | 13 | 22 | 46 | 1 | 5 |
| Nurnberg, 1984 Oxic | 7 | 12 | 24 | -24 | -66 |

| Lake Phosphorus Model | Confidence | Confidence | Parameter | Back | Model |
|---|------------|------------|-----------|-------------|-------|
| | Lower | Upper | Fit? | Calculation | Type |
| | Bound | Bound | | (kg/year) | |
| Walker, 1987 Reservoir | 17 | 45 | FIT | 0 | GSM |
| Canfield-Bachmann, 1981 Natural Lake | 7 | 69 | FIT | 1 | GSM |
| Canfield-Bachmann, 1981 Artificial Lake | e 7 | 63 | FIT | 1 | GSM |
| Rechow, 1979 General | 5 | 16 | FIT | 0 | GSM |
| Rechow, 1977 Anoxic | 20 | 54 | FIT | 0 | GSM |
| Rechow, 1977 water load<50m/year | 13 | 36 | FIT | 0 | GSM |
| Rechow, 1977 water load>50m/year | N/A | N/A | N/A | N/A | N/A |
| Walker, 1977 General | 13 | 45 | FIT | 0 | SPO |
| Vollenweider, 1982 Combined OECD | 10 | 37 | FIT | 0 | ANN |
| Dillon-Rigler-Kirchner | 6 | 18 | FIT | 0 | SPO |
| Vollenweider, 1982 Shallow Lake/Res. | 8 | 29 | FIT | 0 | ANN |
| Larsen-Mercier, 1976 | 14 | 38 | P Pin | 0 | SPO |
| Nurnberg, 1984 Oxic | 7 | 22 | FIT | 0 | ANN |

Water and Nutrient Outflow Module

Date: 5/14/2010 Scenario: Rolling Stone Lake Current Average Annual Surface Total Phosphorus: 37.6mg/m^3 Annual Discharge: 8.53E+003 AF => 1.05E+007 m³ Annual Outflow Loading: 832.0 LB => 377.4 kg

APPENDIX E

2007 Aquatic Plant Survey Data.

| Point Number | Latitude (Decimal Degrees) | ongitude (Decimal Degrees) | h (ft) | Sediment type (M=muck, S=Sand, R=Rock) | Rope (R); Pole (P); Visual (V) | s | Ceratophyllum demersum | a sp. | Elodea canadensis | Heteranthera dubia | Lemna trisulca | Myriophyllum sibiricum | Nuphar variegata | Nymphaea odorata | Potamogeton amplifolius | Potamogeton illinoensis | Potamogeton praelongus | Potamogeton pusillus | Potamogeton richardsonii | Potamogeton robbinsii | Potamogeton zosteriformis | Schoenoplectus acutus | Sparganium fluctuans | Typha latifolia | Vallisneria americana | Nuphar advena |
|--------------|----------------------------|----------------------------|------------|--|--------------------------------|-------|------------------------|----------|-------------------|--------------------|----------------|------------------------|------------------|------------------|-------------------------|-------------------------|------------------------|----------------------|--------------------------|-----------------------|---------------------------|-----------------------|----------------------|-----------------|-----------------------|---------------|
| Poin | Latit | Long | Depth (ft) | Sedi | Rope | Notes | Cera | Chara sp | Elod | Hete | Lem | Myri | IdnN | Nym | Pota | Pota | Pota | Pota | Pota | Pota | Pota | Scho | Spar | Typh | Vallis | Nupl |
| 1 | 45.44068778 | -88.95862351 | 1.5 | М | Р | | 1 | 1 | 1 | | | | | | | | | | | 2 | 1 | | | | | |
| 2 | 45.43994981 | -88.95863708 | 2.3 | М | Р | | | | | | | | | | | | | | | 2 | | | | | | |
| 3 | 45.43921183 | -88.95865066 | 2 | М | Р | | | | | | | | | | | | | | | 2 | | | | | | |
| 4 | 45.43847385 | -88.95866424 | 2.4 | М | Р | | | | 1 | | | | | | | | | | | 3 | 1 | | | | | |
| 5 | 45.43773587 | -88.95867781 | 2.8 | М | Р | | | | 1 | | | | | | | | | | | 2 | | | | | | |
| 6 | 45.43699789 | -88.95869139 | 2.9 | М | Р | | | | 1 | | | | | | | | | | | 1 | | | | | | |
| 7 | 45.43625991 | -88.95870496 | 3 | М | Р | | | | 1 | | | | | | | | | | | 2 | | | | | | |
| 8 | 45.43552193 | -88.95871853 | 2.7 | М | Р | | | | | | 1 | | | | | | | | | 2 | | | | | 1 | |
| 9 | 45.43478395 | -88.95873211 | 3.4 | М | Р | | | | 1 | | | | | | | | 1 | | | 2 | 1 | | | | | |
| 10 | 45.43404597 | -88.95874568 | 2.1 | М | Р | | | | | | | | | | | | | | | 3 | 1 | | | | 1 | |
| 11 | 45.43330799 | -88.95875925 | 1.8 | М | Р | | | | | | | | | V | | | | | | 2 | 1 | | | | 1 | |
| 12 | 45.43183203 | -88.95878640 | 1 | М | Р | | | | | | | | | | | | | | | | | | | | | V |
| 13 | 45.44289216 | -88.95753443 | 1 | М | Р | | | | | | | | | ٧ | | | | | | | | | | | | |
| 14 | 45.44215418 | -88.95754802 | 3 | М | Р | | 1 | | | | | | | | | | | | | 1 | 1 | | | | | |
| 15 | 45.44141620 | -88.95756161 | 2.2 | М | Р | | | | 1 | | 1 | | | | | | | | | 3 | | | | | | |
| 16 | 45.44067822 | -88.95757520 | 2.1 | М | Р | | | | 1 | | 1 | | | | | | | | | 3 | | | | | | |
| 17 | | -88.95758879 | | М | Р | | 1 | | | | 1 | | | | | | | | | 3 | | | | | | |
| 18 | 45.43920226 | -88.95760238 | 3.4 | М | Р | | | | | | | | | | | | | | | 2 | | | | | | |
| 19 | 45.43846429 | -88.95761597 | 3.3 | М | Р | | | | 1 | | | | | | | | | | | 2 | 1 | | | | | |
| 20 | 45.43772631 | -88.95762956 | 3.5 | М | Р | | 1 | | 1 | | | | | | | | 1 | | | 1 | | | | | | |
| 21 | 45.43698833 | -88.95764315 | 3.7 | М | Р | | 1 | | 1 | | | | | | | | | | | 2 | | | | | | |
| 22 | 45.43625035 | -88.95765674 | 3.8 | М | Р | | | | | | | | | | | | 1 | | | 2 | | | | | 1 | |
| 23 | 45.43551237 | -88.95767033 | 2.9 | М | Р | | | | | | | | | | | | | | | 2 | 1 | | | | | |
| 24 | 45.43477439 | -88.95768392 | 3 | М | P | | | | | | | | | | | | | | | 2 | | | | | | |
| 25 | 45.43403641 | -88.95769750 | 2.5 | М | P | | | | 1 | | | | | | | | | | | 2 | | | | | | |
| 26 | 45.43329843 | -88.95771109 | 1.7 | M | Р | | | | | | | | | | | | | | | 2 | | | | | | |
| 27 | 45.43256045 | -88.95772467 | 1.8 | M | Р | | 1 | | 2 | | | | | | | | | | | 1 | 1 | | | | | |
| 28 | 45.44435854 | -88.95645887 | 1.0 | М | P | | <u> </u> | | | | | | | V | | | | | | - | ' | | | V | | |
| 29 | 45.44362056 | -88.95647248 | 1.8 | M | P | | 1 | | 1 | | | | | V | | | | | | 1 | 3 | | | , | | |
| 30 | 45.44288258 | -88.95648609 | 2.4 | M | Р | | 1 | | 1 | | | | | , | | | | | | 3 | 1 | | | | | |

| Point Number | Latitude (Decimal Degrees) | Longitude (Decimal Degrees) | Depth (ft) | Sediment type (M=muck, S=Sand, R=Rock) | Rope (R); Pole (P); Visual (V) | Notes | Ceratophyllum demersum | Chara sp. | Elodea canadensis | Heteranthera dubia | Lemna trisulca | Myriophyllum sibiricum | Nuphar variegata | Nymphaea odorata | Potamogeton amplifolius | Potamogeton illinoensis | Potamogeton praelongus | Potamogeton pusillus | Potamogeton richardsonii | Potamogeton robbinsii | Potamogeton zosteriformis | Schoenoplectus acutus | Sparganium fluctuans | Typha latifolia | Vallisneria americana | Nuphar advena |
|--------------|----------------------------|-----------------------------|------------|--|--------------------------------|-------|------------------------|-----------|-------------------|--------------------|----------------|------------------------|------------------|------------------|-------------------------|-------------------------|------------------------|----------------------|--------------------------|-----------------------|---------------------------|-----------------------|----------------------|-----------------|-----------------------|---------------|
| 31 | 45.44214461 | -88.95649969 | 2.4 | М | Р | | | | 1 | | | | | | | | | | | 3 | 1 | | | | 1 | |
| 32 | 45.44140663 | -88.95651330 | 3.1 | М | Р | | 1 | | | | | | | | | | | | | 3 | | | | | | |
| 33 | 45.44066865 | -88.95652690 | 2.7 | М | Р | | | | | | | | | | | | | | | 2 | | | | | 2 | |
| 34 | 45.43993067 | -88.95654051 | 3.7 | M | Р | | | | | | | | | | | | 1 | | | 1 | 2 | | | | 1 | |
| 35 | 45.43919269 | -88.95655411 | 3.5 | М | Р | | | | | | | | | | | | | | | 2 | | | | | | |
| 36 | 45.43845471 | -88.95656771 | 3.6 | М | Р | | 1 | | | | | | | | | | | | | 2 | | | | | | |
| 37 | 45.43771674 | -88.95658132 | 3.9 | М | Р | | | | | | | | | | | | | | | 2 | | | | | 1 | |
| 38 | 45.43697876 | -88.95659492 | 3.8 | М | Р | | 1 | | | | | | | | | | 1 | | | 2 | 1 | | | | | |
| 39 | 45.43624078 | -88.95660852 | 3.5 | М | Р | | | | 1 | | 1 | | | | | | | | | 2 | | | | | | |
| 40 | 45.43550280 | -88.95662212 | 3.5 | М | Р | | | | 1 | | | | | | | | | | | 2 | 1 | | | | | |
| 41 | 45.43476482 | -88.95663572 | 3.3 | М | Р | | | | | | | | | | | | | | | 2 | | | | | | |
| 42 | 45.43402684 | -88.95664932 | 2.5 | М | Р | | 1 | | | | | | | | | | 1 | | | 2 | | | | | | |
| 43 | 45.43328886 | -88.95666292 | 2.1 | М | Р | | | | | | | | | | | | | | | 3 | | | | | | |
| 44 | 45.43255088 | -88.95667652 | 2.3 | М | Р | | | | | | 1 | | | | | | | | | 2 | | | | | ٧ | |
| 45 | 45.43181290 | -88.95669012 | 1.6 | S | Р | | ٧ | | | | 1 | | | ٧ | | | | 1 | | | | | | | | V |
| 46 | 45.44434896 | -88.95541050 | 2.1 | М | Р | | ٧ | | 1 | | | | | ٧ | | | | 1 | | ٧ | 1 | | | | | |
| 47 | 45.44361098 | -88.95542412 | 2.3 | М | Р | | 1 | | | 1 | 1 | | | | | | | | | | 1 | | | | | |
| 48 | 45.44287300 | -88.95543774 | 3.6 | М | Р | | | | | | | | | | | | | | | 3 | 1 | | | | | |
| 49 | 45.44213502 | -88.95545136 | 3.2 | М | Р | | 1 | | 1 | | | | | | | | | | | 2 | | | | | 1 | |
| 50 | 45.44139704 | -88.95546498 | 3.9 | М | Р | | 1 | | 1 | | | | | | | | | | | 1 | 1 | | | | | |
| 51 | 45.44065907 | -88.95547860 | 3.8 | М | Р | | | | 1 | | | | | | | | 1 | | | 1 | 1 | | | | | |
| 52 | 45.43992109 | -88.95549222 | 3.8 | М | Р | | 1 | | 1 | | | | | | | | 1 | | | 2 | 1 | | | | | |
| 53 | 45.43918311 | -88.95550584 | 4.4 | М | Р | | 1 | | | | | | | | | | 1 | | | 2 | | | | | | |
| 54 | 45.43844513 | -88.95551945 | 4.5 | М | P | | | | | | | | | | | | | | | 2 | | | | | 2 | |
| 55 | 45.43770715 | -88.95553307 | 4.3 | М | P | | 1 | | 1 | | | | | | | | | | | 2 | 2 | | | | _ | |
| 56 | 45.43696918 | -88.95554669 | 4.8 | М | P | | 1 | | 1 | | | | | | | | | | | 2 | 1 | | | | 1 | |
| 57 | 45.43623120 | -88.95556030 | 4.4 | M | Р | | 1 | | | | | | | | | | | | | 2 | 1 | | | | 2 | |
| 58 | 45.43549322 | -88.95557392 | 4.4 | М | Р | | 1 | | | | | 1 | | | | | | | | 1 | | | | | 2 | |
| 59 | 45.43475524 | -88.95558753 | 3.4 | M | P | | 1 | | | | | <u> </u> | | | | | 1 | | | 2 | 1 | | | | | |
| 60 | 45.43401726 | -88.95560115 | | M | P | | - | | | | | | | | | | 1 | | | 3 | 1 | | | | | - |

| Point Number | Latitude (Decimal Degrees) | ongitude (Decimal Degrees) | Depth (ft) | Sediment type (M=muck, S=Sand, R=Rock) | Rope (R); Pole (P); Visual (V) | Notes | Ceratophyllum demersum | Chara sp. | Elodea canadensis | Heteranthera dubia | Lemna trisulca | Myriophyllum sibiricum | Nuphar variegata | Nymphaea odorata | Potamogeton amplifolius | Potamogeton illinoensis | Potamogeton praelongus | Potamogeton pusillus | Potamogeton richardsonii | Potamogeton robbinsii | Potamogeton zosteriformis | Schoenoplectus acutus | Sparganium fluctuans | Typha latifolia | Vallisneria americana | Nuphar advena |
|--------------|----------------------------|------------------------------|------------|--|--------------------------------|-------|------------------------|-----------|-------------------|--------------------|----------------|------------------------|------------------|------------------|-------------------------|-------------------------|------------------------|----------------------|--------------------------|-----------------------|---------------------------|-----------------------|----------------------|-----------------|-----------------------|---------------|
| | _ | | | | | Z | ပ | ၁ | В | I | ١ | 2 | Z | Z | 4 | Ā | Ā | 4 | Ā | | Ā | S | S | Ţ | > | Z |
| 61 | 45.43327928 | -88.95561476 | 2.8 | M | P P | | | | | | | | | | | | | | | 2 | | | | | 1 | |
| 62 | 45.43254130 45.43180332 | -88.95562837 -88.95564199 | 1.8 | M M | P | | | | | | 1 | | | | 1 | | | | | 1 | | | | | 1 | |
| 64 | 45.44433936 | -88.95436213 | 2.3 | M | Р | | 1 | | 1 | | ' | | | | ' | | | | | 3 | | | | | | |
| 65 | 45.44360139 | -88.95437577 | 3.5 | M | Р | | 1 | | | | | | | | | | | | | 3 | | | | | | |
| 66 | 45.44286341 | -88.95438940 | 3.3 | М | P | | 1 | | 1 | | | | | | | | | | | 2 | 2 | | | | | |
| 67 | 45.44212543 | -88.95440304 | 4.8 | М | P | | 1 | | 1 | | | | | | | | 1 | | | 2 | 1 | | | | | |
| 68 | 45.44138745 | -88.95441667 | 2.9 | М | P | | 1 | | · | | | | | | | | | | | 1 | 3 | | | | | |
| 69 | 45.44064947 | -88.95443030 | 3.4 | М | P | | 1 | | | | | 1 | | | | | 2 | | | 2 | 1 | | | | | |
| 70 | 45.43991150 | -88.95444393 | 5.1 | М | P | | 1 | | 1 | | | | | | | | 1 | | | 1 | 2 | | | | | |
| 71 | 45.43917352 | -88.95445756 | 4.9 | М | Р | | | | 1 | | | | | | | | 1 | | | 2 | 1 | | | | | |
| 72 | 45.43843554 | -88.95447120 | 5.8 | М | Р | | 1 | | | | | | | | | | | | | 1 | 1 | | | | 2 | |
| 73 | 45.43769756 | -88.95448483 | 5.5 | М | Р | | 1 | | | | | | | | | | | | | 2 | | | | | | |
| 74 | 45.43695959 | -88.95449846 | 4.8 | М | Р | | 1 | | | | | | | | | | 2 | | | 2 | 1 | | | | | |
| 75 | 45.43622161 | -88.95451208 | 5 | М | Р | | 1 | | 1 | | | | | | | | 1 | | | 2 | | | | | | |
| 76 | 45.43548363 | -88.95452571 | 4.1 | М | Р | | 1 | | 1 | | | | | | | | | | | 3 | 2 | | | | | |
| 77 | 45.43474565 | -88.95453934 | 3.7 | М | Р | | 1 | | 1 | | | | | | | | | | | 2 | 1 | | | | | |
| 78 | 45.43400767 | -88.95455297 | 3.1 | М | Р | | 1 | | | | | | | | | | 1 | | | 3 | | | | | 1 | |
| 79 | 45.43326969 | -88.95456660 | 3.4 | М | Р | | | | 2 | | | | | | | | | | | 2 | | | | | 1 | |
| 80 | 45.43253171 | -88.95458022 | 3.1 | М | Р | | | | 1 | | | | | | | | | 1 | | 2 | | | | | | |
| 81 | 45.43179374 | -88.95459385 | 2.3 | М | Р | | | | | 1 | 1 | | | | 1 | | | | 1 | 2 | 1 | | | | | |
| 82 | 45.44432976 | -88.95331377 | 2.5 | М | Р | | 1 | | 1 | | | | | | | | | | | 2 | | | | | | |
| 83 | 45.44359178 | -88.95332741 | 4.5 | М | Р | | 1 | | 1 | | | | | | | | 1 | | | 2 | 3 | | | | | |
| 84 | 45.44285381 | -88.95334106 | 3.2 | М | Р | | | | | | | | | | 1 | | 1 | | | 2 | | | | | | |
| 85 | 45.44211583 | -88.95335471 | 2.8 | М | Р | | 1 | | | | | | | | | | 1 | | | 2 | 3 | | | | | |
| 86 | 45.44137785 | -88.95336836 | 5.5 | М | Р | | 1 | | 1 | | | | | | | | 1 | | | 1 | 1 | | | | 2 | |
| 87 | 45.44063987 | -88.95338200 | 5.3 | М | Р | | 1 | | 1 | | | | | | | | | | | 2 | | | | | 1 | |
| 88 | 45.43990190 | -88.95339565 | 5.1 | М | Р | | 1 | | | | | | | | | | 2 | | | 2 | 1 | | | | | |
| 89 | 45.43916392 | -88.95340929 | 5.5 | М | Р | | 2 | | | | | | | | | | | | | 2 | 3 | | | | | |
| 90 | 45.43842594 | -88.95342294 | 6.3 | М | Р | | 1 | | 1 | | | | | | | | 1 | | | 2 | 1 | | | | | |

| Point Number | Latitude (Decimal Degrees) | ongitude (Decimal Degrees) | ı (ft) | Sediment type (M=muck, S=Sand, R=Rock) | Rope (R); Pole (P); Visual (V) | | Ceratophyllum demersum | ı sp. | Elodea canadensis | Heteranthera dubia | Lemna trisulca | Myriophyllum sibiricum | Nuphar variegata | Nymphaea odorata | Potamogeton amplifolius | Potamogeton illinoensis | Potamogeton praelongus | Potamogeton pusillus | Potamogeton richardsonii | Potamogeton robbinsii | Potamogeton zosteriformis | Schoenoplectus acutus | Sparganium fluctuans | Typha latifolia | Vallisneria americana | Nuphar advena |
|--------------|----------------------------|----------------------------|------------|--|--------------------------------|-------|------------------------|----------|-------------------|--------------------|----------------|------------------------|------------------|------------------|-------------------------|-------------------------|------------------------|----------------------|--------------------------|-----------------------|---------------------------|-----------------------|----------------------|-----------------|-----------------------|---------------|
| Point | Latitu | Long | Depth (ft) | Sedin | Rope | Notes | Cerat | Chara sp | Elode | Heter | Lemn | Myrio | ydn N | Nymp | Potan | Potan | Potan | Potan | Potan | Potan | Potan | Scho | Sparç | Typha | Vallis | Nuph |
| 91 | 45.43768796 | -88.95343658 | 6.7 | М | Р | | 1 | | | | | | | | | | 1 | | | 1 | 2 | | | | | |
| 92 | 45.43694998 | -88.95345022 | 6.6 | М | Р | | 1 | | 1 | | | | | | | | 1 | | | | 2 | | | | | |
| 93 | 45.43621201 | -88.95346387 | 6.7 | М | Р | | 1 | | 1 | | | | | | | | 1 | | | 2 | 1 | | | | | |
| 94 | 45.43547403 | -88.95347751 | 6.3 | М | Р | | 2 | | 1 | | | | | | | | 1 | | | 1 | 1 | | | | | |
| 95 | 45.43473605 | -88.95349115 | 5.2 | М | Р | | | | | | | | | | | | 1 | | | 3 | 1 | | | | 1 | |
| 96 | 45.43399807 | -88.95350479 | 3.1 | М | Р | | | | | | | | | | | | 1 | | | 3 | 1 | | | | | |
| 97 | 45.43326009 | -88.95351843 | 3.1 | М | Р | | | | | | | | | | | | 1 | | | 2 | 1 | | | | | |
| 98 | 45.43252212 | -88.95353207 | 3.6 | М | Р | | 1 | | | | 1 | | | | | | | | | 2 | | | | | | |
| 99 | 45.43178414 | -88.95354571 | 2.3 | М | Р | | 1 | | | 1 | 2 | | | | 1 | | | | | 1 | | | | | V | |
| 100 | 45.44358217 | -88.95227906 | 2.1 | R | Р | | 1 | | | 1 | 1 | | | | | | | 1 | | | 1 | | | | 1 | |
| 101 | 45.44284419 | -88.95229272 | 3 | М | Р | | 1 | | | | | | | | | | | | | 2 | 2 | | | | 2 | |
| 102 | 45.44210622 | -88.95230638 | 3.6 | М | Р | | 1 | | | | | | | | | | | | | 3 | 2 | | | | | |
| 103 | 45.44136824 | -88.95232004 | 6.1 | М | Р | | 1 | | | | | | | | | | 1 | | | 1 | 1 | | | | | |
| 104 | 45.44063026 | -88.95233370 | 6.8 | М | Р | | 1 | | | | | | | | | | 1 | | | 1 | 2 | | | | | |
| 105 | 45.43989229 | -88.95234736 | 6.3 | М | Р | | 1 | | 1 | | | | | | | | | | | 1 | 2 | | | | | |
| 106 | 45.43915431 | -88.95236102 | 7.4 | М | Р | | | | | | | | | | | | 2 | | | 1 | 2 | | | | | |
| 107 | 45.43841633 | -88.95237468 | 7.9 | М | Р | | | | | | | 1 | | | | | | | | 2 | 2 | | | | | |
| 108 | 45.43767835 | -88.95238834 | 7.8 | М | Р | | 1 | | | | | | | | | | 2 | | | 1 | 1 | | | | | |
| 109 | 45.43694037 | -88.95240199 | 7.8 | М | Р | | 1 | | | | | | | | | | 1 | | | | 1 | | | | | |
| 110 | 45.43620240 | -88.95241565 | 8 | М | Р | | 1 | | | | | | | | | | 2 | | | 1 | 1 | | | | | |
| 111 | 45.43546442 | -88.95242931 | 8.1 | М | Р | | 1 | | | | | | | | | | 1 | | | 1 | 1 | | | | | |
| 112 | 45.43472644 | -88.95244296 | 3.7 | S | Р | | 1 | | | | | 1 | | | | | | | | 1 | | | | | 1 | |
| 113 | 45.43398846 | -88.95245662 | 3.6 | R | Р | | | | | | | | | | | | | | | 2 | 1 | V | | | | |
| 114 | 45.43325048 | -88.95247027 | 4.8 | М | Р | | | | 2 | | | | | | | | | | | 2 | 3 | | | | | |
| 115 | 45.43251251 | -88.95248392 | 5.5 | S | Р | | 1 | | | | 1 | | | | | | 1 | | | 1 | | | | | 1 | |
| 116 | 45.43177453 | -88.95249758 | 1.8 | S | Р | | | | | | 1 | | | | | | | | | 1 | | | | | | |
| 117 | 45.44357255 | -88.95123071 | 3.3 | М | Р | | | | 1 | | 1 | | | | | | | | | 2 | 1 | | | | | |
| 118 | 45.44283457 | -88.95124438 | 3.6 | М | Р | | | | 1 | 1 | | | | | | | | | | 3 | | | | | 1 | |
| 119 | 45.44209660 | -88.95125806 | 4.9 | М | Р | | 1 | | | | | | | | | | | | | 1 | | | | | 1 | |
| 120 | 45.44135862 | -88.95127173 | 5.3 | М | Р | | | | | 1 | | | | | | | 1 | | | 2 | | | | | | |

| Point Number | Latitude (Decimal Degrees) | Longitude (Decimal Degrees) | Depth (ft) | Sediment type (M=muck, S=Sand, R=Rock) | Rope (R); Pole (P); Visual (V) | Notes | Ceratophyllum demersum | Chara sp. | Elodea canadensis | Heteranthera dubia | Lemna trisulca | Myriophyllum sibiricum | Nuphar variegata | Nymphaea odorata | Potamogeton amplifolius | Potamogeton illinoensis | Potamogeton praelongus | Potamogeton pusillus | Potamogeton richardsonii | Potamogeton robbinsii | Potamogeton zosteriformis | Schoenoplectus acutus | Sparganium fluctuans | Typha latifolia | Vallisneria americana | Nuphar advena |
|--------------|----------------------------|-----------------------------|------------|--|--------------------------------|-------|------------------------|-----------|-------------------|--------------------|----------------|------------------------|------------------|------------------|-------------------------|-------------------------|------------------------|----------------------|--------------------------|-----------------------|---------------------------|-----------------------|----------------------|-----------------|-----------------------|---------------|
| - R | Га | ۲۵ | | တိ | | ž | | ਹ | ă | ž | Le | Ź | ž | ź | Pc | Po | | Po | Pc | Pc | | တိ | ß | Τ | Λa | ž |
| 121 | 45.44062064 | -88.95128540 | 6.2 | M | Р | | 2 | | | | | | | | | | 2 | | | 1 | 2 | | | | | |
| 122 | 45.43988266 | -88.95129908 | 7.5 | M | Р | | 1 | | | | | | | | | | 2 | | | | 2 | | | | | |
| 123 | 45.43914469 | -88.95131275 | 8.9 | М | Р | | 1 | | | | | | | | | | 2 | | | | 1 | | | | | |
| 124 | 45.43840671 | -88.95132642 | 9.5 | М | Р | | 1 | | 1 | | | | | | | | | | | 1 | 2 | | | | | |
| 125 | 45.43766873 | -88.95134009 | 9.1 | М | Р | | 1 | | | | | | | | | | | | | 1 | 1 | | | | | |
| 126 | 45.43693076 | -88.95135376 | 9.4 | М | Р | | 1 | | | | | | | | | | 3 | | | 1 | | | | | | |
| 127 | 45.43619278 | -88.95136743 | 9.1 | М | Р | | 1 | | | | | | | | | | | | | 2 | 2 | | | | | |
| 128 | 45.43545480 | -88.95138110 | 8.2 | М | Р | | | | | | | | | | | | 1 | | | | 1 | | | | | |
| 129 | 45.43471682 | -88.95139477 | 7 | М | Р | | 1 | | | | | | | | | | | | | 2 | 1 | | | | | |
| 130 | 45.43397884 | -88.95140844 | 6.8 | М | Р | | 1 | | 1 | | | 1 | | | 1 | | | | | | | | | | 1 | |
| 131 | 45.43324087 | -88.95142211 | 2.3 | R | Р | | | | | 1 | 1 | 1 | | V | V | | | | | | | V | | | | V |
| 132 | 45.43250289 | -88.95143578 | 6.7 | М | Р | | 1 | | | | 1 | | | | | | | | | 2 | 1 | | | | | |
| 133 | 45.43176491 | -88.95144944 | 3.4 | S | Р | | | | | | 1 | | | | 1 | | | | | | 1 | | 1 | | 1 | |
| 134 | 45.44430089 | -88.95016867 | 1 | М | Р | | | | | | | | | V | | | | | | | | | | V | | |
| 135 | 45.44356292 | -88.95018235 | 2.2 | М | Р | | 1 | | 1 | | | | | V | | | | | | 1 | 3 | | | | V | |
| 136 | 45.44282494 | -88.95019604 | 3.2 | М | Р | | 1 | | 1 | | | | | | V | | | | | 2 | 2 | | | | | |
| 137 | 45.44208696 | -88.95020973 | 4.1 | М | Р | | 1 | | | | | | | | | | | | | 2 | 1 | | | | 1 | |
| 138 | 45.44134899 | -88.95022342 | 5.5 | М | Р | | 1 | | | | | | | | | | 2 | | | 2 | 1 | | | | | |
| 139 | 45.44061101 | -88.95023711 | 6.6 | М | Р | | 1 | | | | | | | | | | | | | 1 | 2 | | | | | |
| 140 | 45.43987303 | -88.95025079 | 7.2 | М | Р | | | | | | | 1 | | | | | 2 | | | | 2 | | | | | |
| 141 | 45.43913506 | -88.95026448 | 7.6 | М | Р | | | | | | | | | | | | 2 | | | 1 | 1 | | | | | |
| 142 | 45.43839708 | -88.95027816 | 8 | М | Р | | | | | | | | | | | | 2 | | | | 2 | | | | | |
| 143 | 45.43765910 | -88.95029185 | 10.3 | М | Р | | 1 | | 1 | | | | | | | | | | | 1 | 2 | | | | | |
| 144 | 45.43692113 | -88.95030553 | 9.9 | М | Р | | | | | | | | | | | | | | | | 1 | | | | | |
| 145 | 45.43618315 | -88.95031922 | 8.1 | М | Р | | 1 | | | | | | | | | | 2 | | | 2 | | | | | | |
| 146 | 45.43544517 | -88.95033290 | 8 | М | Р | | | 1 | 1 | | | | | | | | | | | 1 | 2 | | | | | |
| 147 | 45.43470719 | -88.95034658 | 7.4 | М | Р | | | | 1 | | | | | | | | 1 | | | 1 | 2 | | | | | |
| 148 | 45.43396922 | -88.95036027 | 6.8 | М | Р | | 1 | | | | | | | | | | 1 | | | 2 | 1 | | | | | |
| 149 | 45.43323124 | -88.95037395 | 4.5 | М | Р | | | | | | | | | | | | 1 | | | 2 | 1 | | | | | |
| 150 | 45.43249326 | -88.95038763 | 4.3 | М | Р | | 1 | | 1 | | 1 | 1 | | | 1 | | 1 | | | 2 | | | | | | |

| Point Number | Latitude (Decimal Degrees) | Longitude (Decimal Degrees) | Depth (ft) | Sediment type (M=muck, S=Sand, R=Rock) | Rope (R); Pole (P); Visual (V) | Notes | Ceratophyllum demersum | Chara sp. | Elodea canadensis | Heteranthera dubia | Lemna trisulca | Myriophyllum sibiricum | Nuphar variegata | Nymphaea odorata | Potamogeton amplifolius | Potamogeton illinoensis | Potamogeton praelongus | Potamogeton pusillus | Potamogeton richardsonii | Potamogeton robbinsii | Potamogeton zosteriformis | Schoenoplectus acutus | Sparganium fluctuans | Typha latifolia | Vallisneria americana | Nuphar advena |
|--------------|----------------------------|-----------------------------|------------|--|--------------------------------|-------|------------------------|-----------|-------------------|--------------------|----------------|------------------------|------------------|------------------|-------------------------|-------------------------|------------------------|----------------------|--------------------------|-----------------------|---------------------------|-----------------------|----------------------|-----------------|-----------------------|---------------|
| 151 | 45.43175528 | -88.95040131 | 6.9 | М | Р | | 2 | | 1 | | 1 | | | | | | | | | 1 | | | | | | |
| 152 | 45.43101731 | -88.95041499 | 2 | М | Р | | | | | | 1 | 1 | | | 1 | | | | | | 1 | | 1 | | | |
| 153 | 45.44355328 | -88.94913400 | 1 | М | Р | | | | | | | | | V | | | | | | | | | | V | | |
| 154 | 45.44281530 | -88.94914770 | 3.6 | М | Р | | 2 | | | | | | | | | | | | | 3 | 1 | | | | | |
| 155 | 45.44207732 | -88.94916141 | 3.4 | М | Р | | 1 | | | | | | | | | | 1 | | | 3 | 1 | | | | 1 | |
| 156 | 45.44133935 | -88.94917511 | 4.4 | М | Р | | | | | | | | | | | | 1 | | | 2 | 2 | | | | | |
| 157 | 45.44060137 | -88.94918881 | 5.7 | М | Р | | 1 | | 1 | | | | | | | | 2 | | | 1 | 2 | | | | | |
| 158 | 45.43986339 | -88.94920251 | 6.8 | М | Р | | 1 | | | | | | | | | | 1 | | | | 2 | | | | | |
| 159 | 45.43912542 | -88.94921621 | 7.5 | М | Р | | 1 | | 1 | | | 1 | | | | | 2 | | | 2 | 1 | | | | | |
| 160 | 45.43838744 | -88.94922991 | 9.8 | М | Р | | 1 | | | | | | | | 1 | | | | | 1 | 1 | | | | | |
| 161 | 45.43764946 | -88.94924361 | 8.7 | М | Р | | 1 | | | | | | | | | | | | | 1 | 2 | | | | | |
| 162 | 45.43691149 | -88.94925730 | 7.5 | М | Р | | 1 | | 1 | | | 1 | | | | | 1 | | | | 2 | | | | | |
| 163 | 45.43617351 | -88.94927100 | 8.1 | М | Р | | 1 | | | | | | | | | | 2 | | | | 1 | | | | | |
| 164 | 45.43543553 | -88.94928470 | 9.4 | М | Р | | | | 1 | | | | | | | | 1 | | | | 1 | | | | | |
| 165 | 45.43469756 | -88.94929839 | 8.8 | М | Р | | 1 | | 1 | | | | | | | | 2 | | | 1 | 1 | | | | | |
| 166 | 45.43395958 | -88.94931209 | 7.8 | М | Р | | | | | | | | | | | | | | | 1 | 2 | | | | | |
| 167 | 45.43322160 | -88.94932579 | 6.4 | М | Р | | 1 | | 1 | | | | | | | | 2 | | | 2 | 1 | | | | | |
| 168 | 45.43248362 | -88.94933948 | 5.4 | М | Р | | 1 | | | | 1 | | | | | | 1 | | | 2 | 1 | | | | 1 | |
| 169 | 45.43174565 | -88.94935318 | 5.5 | М | Р | | | | 1 | | 1 | | | | | | 1 | | | 2 | 1 | | | | 1 | |
| 170 | 45.43100767 | -88.94936687 | 2.4 | М | Р | | | | | | 2 | | | | | | | | | 1 | | | | | 2 | |
| 171 | 45.44354363 | -88.94808565 | 1 | М | Р | | | | | | | | | V | | | | | | | | | | | | |
| 172 | 45.44280565 | -88.94809937 | 2.5 | М | Р | | 1 | | | | | | | | | | | | | 3 | 2 | | | | | |
| 173 | 45.44206767 | -88.94811308 | 4.2 | М | Р | | | | | | | | | | | | | | 1 | 3 | | | | | | |
| 174 | 45.44132970 | -88.94812680 | 4.5 | М | Р | | 1 | | | | | | | | | | | | | 3 | 1 | | | | | |
| 175 | 45.44059172 | -88.94814051 | 5.2 | М | Р | | | | | | | | | | | | 2 | | | 2 | 1 | | | | | |
| 176 | 45.43985375 | -88.94815422 | 6.6 | М | Р | | 2 | | | | | 2 | | | | | 1 | | | 1 | 2 | | | | | |
| 177 | 45.43911577 | -88.94816794 | 7.8 | М | Р | | | | | | | | | | | | 1 | | | | 2 | | | | | |
| 178 | 45.43837779 | -88.94818165 | 8.8 | М | Р | | | | 1 | | | 2 | | | | | | | | 2 | | | | | | |
| 179 | 45.43763982 | -88.94819536 | 8.5 | М | Р | | 1 | | | | | 1 | | | | | 2 | | | 1 | 3 | | | | | |
| 180 | 45.43690184 | -88.94820907 | 9.7 | М | Р | | | | | | | | | | | | 1 | | | 1 | 2 | | | | | |

| | nal Degrees) | Longitude (Decimal Degrees) | | Sediment type (M=muck, S=Sand, R=Rock) | Rope (R); Pole (P); Visual (V) | | demersum | | nsis | ubia | | sibiricum | ata | orata | amplifolius | llinoensis | oraelongus | onsillus | ichardsonii | obbinsii | zosteriformis | is acutus | ıctuans | | ericana | |
|--------------|----------------------------|-----------------------------|------------|--|--------------------------------|-------|------------------------|-----------|-------------------|--------------------|----------------|------------------------|------------------|------------------|-------------------------|-------------------------|------------------------|----------------------|--------------------------|-----------------------|---------------------------|-----------------------|----------------------|-----------------|-----------------------|---------------|
| Point Number | Latitude (Decimal Degrees) | Longitude (De | Depth (ft) | Sediment type | Rope (R); Pole | Notes | Ceratophyllum demersum | Chara sp. | Elodea canadensis | Heteranthera dubia | Lemna trisulca | Myriophyllum sibiricum | Nuphar variegata | Nymphaea odorata | Potamogeton amplifolius | Potamogeton illinoensis | Potamogeton praelongus | Potamogeton pusillus | Potamogeton richardsonii | Potamogeton robbinsii | Potamogeton zosteriformis | Schoenoplectus acutus | Sparganium fluctuans | Typha latifolia | Vallisneria americana | Nuphar advena |
| 181 | 45.43616386 | -88.94822279 | 9.1 | S | Р | | | | | | | | | | | | | | | | | | | | | |
| 182 | 45.43542589 | -88.94823650 | 9.7 | М | Р | | 1 | | 1 | | | | | | | | 1 | | | 2 | 2 | | | | | |
| 183 | 45.43468791 | -88.94825021 | 8.7 | М | Р | | | | 1 | | | | | | | | | | 1 | 1 | 3 | | | | | |
| 184 | 45.43394993 | -88.94826392 | 8.3 | М | Р | | 1 | | 1 | | | | | | | | | | | 1 | 1 | | | | | |
| 185 | 45.43321195 | -88.94827763 | 7 | М | Р | | | | 1 | | | 1 | | | | | 2 | | | 1 | 1 | | | | | |
| 186 | 45.43247398 | -88.94829133 | 6.8 | М | Р | | 1 | | 1 | | | | | | | | 2 | | | 2 | | | | | | |
| 187 | 45.43173600 | -88.94830504 | 8 | М | Р | | | | | | | | | | | | | | | | 1 | | | | | |
| 188 | 45.43099802 | -88.94831875 | 1.6 | R | Р | | | | | | | | | | 1 | | | | | 1 | 1 | | | | | |
| 189 | 45.44279599 | -88.94705103 | 2.6 | М | Р | | 1 | 1 | 1 | | 1 | V | | | | | | | | 1 | V | | | | V | V |
| 190 | 45.44205801 | -88.94706476 | 3.2 | М | Р | | | | | | 1 | | | | | | | | | 2 | | | | | 2 | |
| 191 | 45.44132004 | -88.94707849 | 2.8 | R | Р | | | | | 1 | 1 | | | | 1 | | | | | | | | | | | |
| 192 | 45.44058206 | -88.94709221 | 5.1 | М | Р | | 1 | | 1 | | 1 | 1 | | | | | | | | 1 | 2 | | | | | |
| 193 | 45.43984409 | -88.94710594 | 5.4 | М | Р | | | | | | | | | | | | | | | 3 | 1 | | | | | |
| 194 | 45.43910611 | -88.94711967 | 6.3 | М | Р | | | | | | | 2 | | | | | 1 | | | 1 | 1 | | | | | |
| 195 | 45.43836813 | -88.94713340 | 8.2 | М | Р | | | | 1 | | | | | | | | | | 1 | 1 | 2 | | | | | |
| 196 | 45.43763016 | -88.94714712 | 10.3 | М | Р | | | | 1 | | | | | | | | | | | 1 | 1 | | | | | |
| 197 | 45.43689218 | -88.94716085 | 10.1 | М | Р | | 1 | | | | | | | | | | 1 | | | | 1 | | | | | |
| 198 | 45.43615420 | -88.94717457 | 9.3 | М | Р | | 1 | | 1 | | | | | | | | | | | 1 | 1 | | | | | |
| 199 | 45.43541623 | -88.94718830 | 9.4 | М | Р | | | | | | | | | | | | | | | 1 | 1 | | | | | |
| 200 | 45.43467825 | -88.94720202 | 9.8 | М | Р | | 1 | | | | | | | | | | | | | 1 | 1 | | | | | |
| 201 | 45.43394027 | -88.94721574 | 8.9 | М | Р | | | | 1 | | | 1 | | | | | | | | | | | | | | |
| 202 | 45.43320230 | -88.94722947 | 8.2 | М | Р | | | | 1 | | | | | | | | | | | | 3 | | | | | |
| 203 | 45.43246432 | -88.94724319 | 7.4 | М | Р | | | | | | | | | | | | 1 | | | | 3 | | | | | |
| 204 | 45.43172634 | -88.94725691 | 9 | М | Р | | | | | | 1 | | | | | | | | | | 1 | | | | | |
| 205 | 45.43098837 | -88.94727063 | 2.8 | S | Р | | 1 | | | | | | | | | 1 | 1 | | | | 1 | | | | | |
| 206 | 45.43983442 | -88.94605766 | 5.5 | М | Р | | 3 | | 2 | | | | | | | | | | | 1 | 2 | | | | 1 | |
| 207 | 45.43909644 | -88.94607140 | 5.8 | М | Р | | 1 | | | | | | | | | | 1 | | | 1 | 1 | | | | 2 | |
| 208 | 45.43835847 | -88.94608514 | 6.6 | М | Р | | | | | | | 1 | | | | | 1 | | | | 3 | | | | | |
| 209 | 45.43762049 | -88.94609888 | 7.2 | М | Р | | | | 1 | | | 1 | | | | | | | | | 3 | | | | | |
| 210 | 45.43688251 | -88.94611262 | 9.1 | М | Р | | 1 | | 1 | | | | | | | | 2 | | | 1 | 2 | | | | | |

| Point Number | Latitude (Decimal Degrees) | Longitude (Decimal Degrees) | Depth (ft) | Sediment type (M=muck, S=Sand, R=Rock) | Rope (R); Pole (P); Visual (V) | Notes | Ceratophyllum demersum | Chara sp. | Elodea canadensis | Heteranthera dubia | Lemna trisulca | Myriophyllum sibiricum | Nuphar variegata | Nymphaea odorata | Potamogeton amplifolius | Potamogeton illinoensis | Potamogeton praelongus | Potamogeton pusillus | Potamogeton richardsonii | Potamogeton robbinsii | Potamogeton zosteriformis | Schoenoplectus acutus | Sparganium fluctuans | Typha latifolia | Vallisneria americana | Nuphar advena |
|--------------|----------------------------|-----------------------------|------------|--|--------------------------------|-------|------------------------|-----------|-------------------|--------------------|----------------|------------------------|------------------|------------------|-------------------------|-------------------------|------------------------|----------------------|--------------------------|-----------------------|---------------------------|-----------------------|----------------------|-----------------|-----------------------|---------------|
| 211 | 45.43614454 | -88.94612636 | 9.4 | М | Р | | | | 1 | | | 1 | | | | | 1 | | | | 2 | | | | | |
| 212 | 45.43540656 | -88.94614010 | 10.5 | М | Р | | 1 | | | | | | | | | | 1 | | | | 1 | | | | | |
| 213 | 45.43466858 | -88.94615383 | 10.2 | М | Р | | | | 1 | | | | | | | | | | | | 1 | | | | | |
| 214 | 45.43393061 | -88.94616757 | 10.1 | M | Р | | | | | | | | | | | | | | | | 1 | | | | | |
| 215 | 45.43319263 | -88.94618131 | 9.2 | М | Р | | 1 | | | | | | | | | | 1 | | | | 2 | | | | | |
| 216 | 45.43245465 | -88.94619504 | 5.7 | М | Р | | | | 1 | | 1 | 1 | | | | | | | | 2 | 1 | | | | | |
| 217 | 45.43171668 | -88.94620878 | 6.5 | М | Р | | 1 | | | | | | | | | | 3 | | | 1 | 1 | | | | | |
| 218 | 45.43097870 | -88.94622251 | 6.1 | М | Р | | 1 | | | | | 2 | | | | | | | | | | | | | 1 | |
| 219 | 45.43982474 | -88.94500938 | 3.1 | М | Р | | 2 | | | | 1 | | | | 1 | | | | 1 | 1 | | | | | | |
| 220 | 45.43908676 | -88.94502313 | 4.9 | М | Р | | | | | | | 1 | | | 1 | | 1 | | | 1 | 2 | | | | 1 | |
| 221 | 45.43834879 | -88.94503689 | 6.3 | М | Р | | | | 1 | | 1 | 1 | | | | | 1 | | | 1 | 2 | | | | | |
| 222 | 45.43761081 | -88.94505064 | 7.2 | М | Р | | | | | | | 1 | | | | | | | | | 1 | | | | | |
| 223 | 45.43687284 | -88.94506439 | 9.5 | М | Р | | 1 | | | | | | | | | | 2 | | | | 2 | | | | | |
| 224 | 45.43613486 | -88.94507814 | 9.1 | М | Р | | 1 | | | | | 1 | | | | | | | | | 2 | | | | | |
| 225 | 45.43539688 | -88.94509190 | 9.8 | М | Р | | | | | | | | | | | | 1 | | | | 2 | | | | | |
| 226 | 45.43465891 | -88.94510565 | 10.8 | М | Р | | | | | | | | | | | | | | | 1 | 2 | | | | | |
| 227 | 45.43392093 | -88.94511940 | 10.2 | М | Р | | | | | | | | | | | | 1 | | | | 1 | | | | | |
| 228 | 45.43318296 | -88.94513315 | 8.9 | М | Р | | 1 | | | | | | | | | | | | | | 1 | | | | | |
| 229 | 45.43244498 | -88.94514690 | 7.6 | М | Р | | | | 1 | | | | | | | | | | | 1 | | | | | | |
| 230 | 45.43170700 | -88.94516065 | 6.5 | М | Р | | | | 1 | | | | | | | | 1 | | | 1 | 2 | | | | 1 | |
| 231 | 45.43096903 | -88.94517439 | 6.4 | М | Р | | 1 | 1 | 1 | | | 1 | | | | | | | | 1 | 3 | V | | | | |
| 232 | 45.43981505 | -88.94396110 | 3.9 | М | Р | | 1 | | | | | | | | | | | | | 1 | 3 | | | | 1 | |
| 233 | 45.43907708 | -88.94397486 | 5.7 | М | Р | | 1 | | | | | | | | | | 1 | | | 2 | 2 | | | | | |
| 234 | 45.43833910 | -88.94398863 | 6.3 | М | Р | | 1 | | 1 | | 1 | 1 | | | | | | | | | 1 | | | | | |
| 235 | 45.43760113 | -88.94400240 | 6.9 | М | Р | | | | | | 1 | | | | | | 1 | | | 1 | 2 | | | | | |
| 236 | 45.43686315 | -88.94401617 | 7.7 | М | Р | | | | | | | 2 | | | | | | | | 1 | 2 | | | | | |
| 237 | 45.43612517 | -88.94402993 | | М | Р | | 1 | | | | | 1 | | | | | | | | 1 | 2 | | | | | |
| 238 | 45.43538720 | -88.94404370 | 9.7 | М | P | | 1 | | | | | | | | | | | | | | - | | | | | |
| 239 | 45.43464922 | -88.94405746 | | М | P | | 1 | | | | | | | | | | | | | 1 | 2 | | | | | |
| 240 | 45.43391125 | -88.94407123 | | М | P | | | | | | | | | | | | | | | | 1 | | | | | |

| ber | Latitude (Decimal Degrees) | ongitude (Decimal Degrees) | | Sediment type (M=muck, S=Sand, R=Rock) | Rope (R); Pole (P); Visual (V) | | Ceratophyllum demersum | | adensis | ra dubia | ulca | Myriophyllum sibiricum | iegata | odorata | Potamogeton amplifolius | Potamogeton illinoensis | Potamogeton praelongus | Potamogeton pusillus | Potamogeton richardsonii | Potamogeton robbinsii | Potamogeton zosteriformis | Schoenoplectus acutus | Sparganium fluctuans | olia | Vallisneria americana | vena |
|--------------|----------------------------|----------------------------|------------|--|--------------------------------|-------|------------------------|-----------|-------------------|--------------------|----------------|------------------------|------------------|------------------|-------------------------|-------------------------|------------------------|----------------------|--------------------------|-----------------------|---------------------------|-----------------------|----------------------|-----------------|-----------------------|---------------|
| Point Number | Latitude (D | Longitude | Depth (ft) | Sediment t | Rope (R); I | Notes | Ceratophy | Chara sp. | Elodea canadensis | Heteranthera dubia | Lemna trisulca | Myriophyll | Nuphar variegata | Nymphaea odorata | Potamoget | Potamoget | Potamoget | Potamoget | Potamoge | Potamoge | Potamogel | Schoenopl | Sparganiu | Typha latifolia | Vallisneria | Nuphar advena |
| 241 | 45.43317327 | -88.94408499 | 9.3 | М | Р | | | | | | | 1 | | | | | 1 | | | | 2 | | | | | |
| 242 | 45.43243529 | -88.94409875 | 7.5 | М | Р | | | | | | | | | | | | | | | | 1 | | | | | |
| 243 | 45.43169732 | -88.94411251 | 6.8 | М | Р | | | | | | | | | | | | 1 | | | 1 | 3 | | | | | |
| 244 | 45.43095934 | -88.94412628 | 6.2 | М | Р | | 1 | | 1 | | | | | | | | 2 | | | 1 | 2 | | | | 1 | |
| 245 | 45.43022136 | -88.94414004 | 5.4 | S | Р | | 2 | | | | | | | V | | | | | | 1 | 3 | | | | | |
| 246 | 45.42948339 | -88.94415380 | 1.1 | М | Р | | | | | | 1 | | | V | ٧ | | | | | | | | 1 | | | |
| 247 | 45.42874541 | -88.94416756 | 3.2 | М | Р | | | | | | | | | | | | | | | 1 | | | | | 1 | |
| 248 | 45.42800743 | -88.94418132 | 1.7 | М | Р | | | | | | | | | V | | | | | | 1 | 1 | V | | | | |
| 249 | 45.43980535 | -88.94291282 | 1.9 | М | Р | | 1 | | | | 1 | 1 | | | | | | | | 1 | 1 | | | | | |
| 250 | 45.43906738 | -88.94292660 | 4.3 | М | Р | | 1 | | | | 1 | | | | | | 1 | | | 1 | 3 | | | | 1 | |
| 251 | 45.43832940 | -88.94294038 | 6.3 | М | Р | | 1 | | 2 | | | 3 | | | | | | | | 1 | 1 | | | | | |
| 252 | 45.43759143 | -88.94295416 | 6.5 | М | Р | | 1 | | | | | 1 | | | | | 1 | | | | 2 | | | | | |
| 253 | 45.43685345 | -88.94296794 | 8.7 | М | Р | | | | | | | 2 | | | | | | | | | 2 | | | | | |
| 254 | 45.43611548 | -88.94298172 | 8.5 | М | Р | | | | | | | 1 | | | | | | | | | 2 | | | | | |
| 255 | 45.43537750 | -88.94299550 | 10.4 | М | Р | | | | | | | | | | | | | | | 1 | 1 | | | | | |
| 256 | 45.43463953 | -88.94300928 | 10.4 | М | Р | | | | | | | | | | | | | | | 1 | 1 | | | | | |
| 257 | 45.43390155 | -88.94302305 | 11.6 | М | Р | | 1 | | | | | | | | | | | | | | 2 | | | | | |
| 258 | 45.43316357 | -88.94303683 | 9.9 | М | Р | | | | | | | | | | | | 1 | | | 1 | 1 | | | | | |
| 259 | 45.43242560 | -88.94305061 | 8.1 | М | Р | | 1 | | | | | | | | | | 1 | | | 1 | 1 | | | | 1 | |
| 260 | 45.43168762 | -88.94306438 | 6.6 | М | Р | | | | | | | | | | | | 2 | | | 1 | 1 | | | | | |
| 261 | 45.43094965 | -88.94307816 | 6.1 | М | Р | | | | | | | | | | | | 1 | | | 1 | 3 | | | | | |
| 262 | 45.43021167 | -88.94309194 | 5.7 | М | Р | | | | | | | | | | | | 1 | | | 3 | 2 | | | | | |
| 263 | 45.42947369 | -88.94310571 | 4.9 | М | Р | | 1 | | | | | | | | | | | | | 2 | 1 | | | | | |
| 264 | 45.42873572 | -88.94311948 | 4.3 | М | Р | | | | | | | 1 | | | | | 1 | | | 2 | 2 | | | | | Щ |
| 265 | 45.42799774 | -88.94313326 | 2.2 | М | Р | | | | | | | | | | | | 1 | | | 3 | 1 | | | | | |
| 266 | 45.42725976 | -88.94314703 | 2.4 | М | Р | | | | | | | | | | | | | | | 2 | 1 | | | | | Щ |
| 267 | 45.43979565 | -88.94186454 | 2.2 | М | Р | | | | | | | 1 | | | | | | | | 1 | | | | | | |
| 268 | 45.43905767 | -88.94187833 | 3.9 | М | Р | | | | | | 1 | 1 | | | | | 1 | | | | 1 | | | | ٧ | |
| 269 | 45.43831970 | -88.94189213 | 5.2 | М | Р | | 1 | | | | | 1 | | | | | | | | 1 | 2 | | | | | |
| 270 | 45.43758172 | -88.94190592 | 6.7 | М | Р | | 1 | | | | 1 | 1 | | | | | 1 | | | 2 | 1 | | | | | |

| Point Number | Latitude (Decimal Degrees) | Longitude (Decimal Degrees) | Depth (ft) | Sediment type (M=muck, S=Sand, R=Rock) | Rope (R); Pole (P); Visual (V) | Notes | Ceratophyllum demersum | Chara sp. | Elodea canadensis | Heteranthera dubia | Lemna trisulca | Myriophyllum sibiricum | Nuphar variegata | Nymphaea odorata | Potamogeton amplifolius | Potamogeton illinoensis | Potamogeton praelongus | Potamogeton pusillus | Potamogeton richardsonii | Potamogeton robbinsii | Potamogeton zosteriformis | Schoenoplectus acutus | Sparganium fluctuans | Typha latifolia | Vallisneria americana | Nuphar advena |
|--------------|----------------------------|-----------------------------|------------|--|--------------------------------|-------|------------------------|-----------|-------------------|--------------------|----------------|------------------------|------------------|------------------|-------------------------|-------------------------|------------------------|----------------------|--------------------------|-----------------------|---------------------------|-----------------------|----------------------|-----------------|-----------------------|---------------|
| 271 | 45.43684375 | -88.94191971 | 13.6 | М | Р | | | | | | | 1 | | | | | | | | | 1 | | | | | |
| 272 | 45.43610577 | -88.94193351 | 10.4 | М | Р | | | | 1 | | | 2 | | | | | | | | 1 | 2 | | | | | |
| 273 | 45.43536780 | -88.94194730 | 12.5 | M | Р | | 1 | | | | | | | | | | | | | 1 | 2 | | | | | |
| 274 | 45.43462982 | -88.94196109 | 14.9 | М | Р | | 1 | | | | | | | | | | 2 | | | 2 | 3 | | | | | |
| 275 | 45.43389185 | -88.94197488 | 14.7 | М | Р | | | | | | | | | | | | | | | | 1 | | | | | |
| 276 | 45.43315387 | -88.94198867 | 13.7 | М | Р | | | | | | | | | | | | | | | 1 | 1 | | | | | |
| 277 | 45.43241589 | -88.94200246 | 11.1 | М | Р | | 1 | | | | | 1 | | | | | | | | 1 | 1 | | | | | |
| 278 | 45.43167792 | -88.94201625 | 11.6 | М | Р | | 1 | | 1 | | | 3 | | | | | | | | 1 | 2 | | | | | |
| 279 | 45.43093994 | -88.94203004 | 9.6 | М | Р | | | | | | | 1 | | | | | 1 | | | 1 | 2 | | | | | |
| 280 | 45.43020197 | -88.94204383 | 7.7 | М | Р | | | | 1 | | | | | | | | | | | 1 | 1 | | | | | |
| 281 | 45.42946399 | -88.94205762 | 8.8 | М | Р | | 1 | | | | | | | | | | 1 | | | 2 | 1 | | | | | |
| 282 | 45.42872601 | -88.94207141 | 7.1 | М | Р | | 1 | | | | | | | | | | 2 | | | 2 | 1 | | | | | |
| 283 | 45.42798804 | -88.94208520 | 2.8 | М | Р | | 1 | | 1 | | | | | | | | | | | 3 | 1 | | | | | |
| 284 | 45.42725006 | -88.94209898 | 2.5 | М | Р | | | | | | | | | V | | | | | | 2 | 1 | | | | 1 | |
| 285 | 45.42651208 | -88.94211277 | 2.1 | М | Р | | | | | | | | | | | | | | | 1 | | | | | 2 | V |
| 286 | 45.43978593 | -88.94081626 | 1.2 | М | Р | | | | | | | | | | | | | | | | | | | | | |
| 287 | 45.43904796 | -88.94083006 | 2.7 | М | Р | | | | | | | 2 | | | | | | | | | 2 | | | | | |
| 288 | 45.43830998 | -88.94084387 | 3.4 | М | Р | | | | | | | 2 | | | | | | | | | 1 | | | | 2 | |
| 289 | 45.43757201 | -88.94085768 | 5.9 | М | Р | | | | | | | | | | | | 1 | | | 2 | 2 | | | | 1 | |
| 290 | 45.43683403 | -88.94087149 | 6.7 | М | Р | | | | | | | 1 | | | | | 2 | | 1 | 2 | 1 | | | | | |
| 291 | 45.43609606 | -88.94088530 | 10.2 | М | Р | | | | | | | 1 | | | | | 1 | | | | 1 | | | | | |
| 292 | 45.43535808 | -88.94089910 | 10.5 | М | Р | | | | 1 | | | 1 | | | | | 2 | | | 1 | 1 | | | | | |
| 293 | 45.43462011 | -88.94091291 | 12.2 | М | Р | | | | | | | 1 | | | | | 2 | | | 1 | 2 | | | | | |
| 294 | 45.43388213 | -88.94092671 | 14.4 | М | Р | | | | | | | | | | | | | | | 1 | 1 | | | | | |
| 295 | 45.43314416 | -88.94094052 | 14.5 | М | Р | | | | | | | | | | | | | | | | 1 | | | | | |
| 296 | 45.43240618 | -88.94095432 | 13.1 | М | Р | | 1 | | | | | 2 | | | | | 1 | | | 2 | 2 | | | | | |
| 297 | 45.43166820 | -88.94096812 | | М | Р | | 1 | | | | | 1 | | | | | | | | 1 | 1 | | | | | |
| 298 | 45.43093023 | -88.94098193 | 9.4 | М | Р | | 1 | | | | | | | | | | 1 | | 1 | 1 | 2 | | | | | |
| 299 | 45.43019225 | -88.94099573 | 9.3 | М | Р | | | | | | | | | | | | | | | 1 | 1 | | | | | |
| 300 | 45.42945428 | -88.94100953 | 7.9 | М | Р | | 1 | | 1 | | | | | | | | 1 | | | 2 | 2 | | | | | |

| Point Number | Latitude (Decimal Degrees) | Longitude (Decimal Degrees) | Depth (ft) | Sediment type (M=muck, S=Sand, R=Rock) | Rope (R); Pole (P); Visual (V) | Notes | Ceratophyllum demersum | Chara sp. | Elodea canadensis | Heteranthera dubia | Lemna trisulca | Myriophyllum sibiricum | Nuphar variegata | Nymphaea odorata | Potamogeton amplifolius | Potamogeton illinoensis | Potamogeton praelongus | Potamogeton pusillus | Potamogeton richardsonii | Potamogeton robbinsii | Potamogeton zosteriformis | Schoenoplectus acutus | Sparganium fluctuans | Typha latifolia | Vallisneria americana | Nuphar advena |
|--------------|----------------------------|-----------------------------|------------|--|--------------------------------|-------|------------------------|-----------|-------------------|--------------------|----------------|------------------------|------------------|------------------|-------------------------|-------------------------|------------------------|----------------------|--------------------------|-----------------------|---------------------------|-----------------------|----------------------|-----------------|-----------------------|---------------|
| 301 | 45.42871630 | -88.94102333 | 6.4 | М | Р | | 1 | | | | | | | | | | | | | 3 | | | | | | |
| 302 | 45.42797832 | -88.94103713 | 5.4 | М | Р | | 1 | | | | | | | | | | 1 | | | 3 | 1 | | | | | |
| 303 | 45.42724035 | -88.94105094 | 4.1 | М | Р | | | | 1 | | | | | | | | 1 | | | 3 | 1 | | | | | |
| 304 | 45.42650237 | -88.94106473 | 3.3 | М | Р | | 1 | | | | 1 | | | | | | | | | 2 | 1 | | | | 2 | |
| 305 | 45.43903823 | -88.93978180 | 2.5 | М | Р | | 1 | | 1 | | 2 | 1 | | | | | | | | 1 | 1 | | | | 1 | |
| 306 | 45.43830026 | -88.93979562 | 4.7 | М | Р | | 1 | | | | 1 | 1 | | | | | 1 | | | 3 | 1 | | | | | |
| 307 | 45.43756228 | -88.93980944 | 5.4 | М | Р | | 1 | | | | 1 | | | | | | | | | 3 | | | | | | |
| 308 | 45.43682431 | -88.93982326 | 8.1 | М | Р | | | | | | | 1 | | | | | 1 | | | 3 | 2 | | | | | |
| 309 | 45.43608633 | -88.93983708 | 8.2 | М | Р | | 1 | | | | | 2 | | | | | 2 | | | 1 | 1 | | | | | |
| 310 | 45.43534836 | -88.93985090 | 11.4 | М | Р | | | | | | 1 | | | | | | 1 | | | 2 | 1 | | | | | |
| 311 | 45.43461038 | -88.93986472 | 10.5 | М | Р | | | | | | | 2 | | | | | 2 | | | 1 | 1 | | | | | |
| 312 | 45.43387241 | -88.93987854 | 11.2 | М | Р | | | | 1 | | | 1 | | | | | | | | | 2 | | | | | |
| 313 | 45.43313443 | -88.93989236 | 11.8 | М | Р | | | | | | 1 | | | 1 | | | | | | 1 | 2 | | | | | |
| 314 | 45.43239646 | -88.93990618 | 13.7 | М | Р | | | | | | | | | | | | 1 | | | 1 | 2 | | | | | |
| 315 | 45.43165848 | -88.93992000 | 8.2 | М | Р | | 1 | | | | | | | | | | 1 | | | 1 | 2 | | | | | |
| 316 | 45.43092050 | -88.93993381 | 9.1 | М | Р | | | | | | | | | | | | 1 | | | 1 | 1 | | | | | |
| 317 | 45.43018253 | -88.93994763 | 6.6 | М | Р | | | | 1 | | | | | | | | 1 | | | 2 | 1 | | | | | |
| 318 | 45.42944455 | -88.93996144 | 7.2 | М | Р | | 1 | | | | | 1 | | | | | | | | 1 | 3 | | | | 1 | |
| 319 | 45.42870658 | -88.93997526 | 6.3 | М | Р | | | | | | | | | | | | | | | 2 | 1 | | | | | |
| 320 | 45.42796860 | -88.93998907 | 7.2 | М | Р | | | | | | | | | | | | | | | 1 | 1 | | | | | |
| 321 | 45.42723063 | -88.94000289 | 3.5 | М | Р | | | | | | 1 | 1 | | | | | | | | 2 | | | | | | |
| 322 | 45.42649265 | -88.94001670 | 3.1 | М | Р | | | | 1 | | 1 | 1 | | | | | | | | 3 | | | | | 1 | |
| 323 | 45.42575467 | -88.94003051 | 1.9 | М | Р | | | 1 | | | 2 | | | | | | 1 | | | | | | | | 1 | |
| 324 | 45.43902849 | -88.93873353 | 1.7 | М | Р | | 2 | | 1 | | | 1 | | | | | | | | | 1 | | | | | |
| 325 | 45.43829052 | -88.93874737 | 2.9 | М | Р | | | | | | 1 | | | | | | | | | 2 | 2 | | | | 2 | |
| 326 | 45.43755255 | -88.93876121 | 4.5 | М | Р | | | | 1 | | 1 | | | | | | | | | 3 | 1 | | | | | |
| 327 | 45.43681457 | -88.93877504 | 5.1 | М | Р | | 1 | | 1 | | | | | | | | | | 1 | 3 | 1 | | | | | |
| 328 | 45.43607660 | -88.93878887 | 5.5 | М | Р | | | | | | | | | | | | 1 | | | 2 | 1 | | | | 2 | |
| 329 | 45.43533862 | -88.93880271 | 5.4 | М | Р | | 1 | | 1 | | 1 | | | | | | | | | 3 | 1 | | | | | |
| 330 | 45.43460065 | -88.93881654 | 5.5 | М | Р | | | | 1 | | | | | | | | 2 | | | 2 | 1 | | | | | |

| Point Number | Latitude (Decimal Degrees) | Longitude (Decimal Degrees) | Depth (ft) | Sediment type (M=muck, S=Sand, R=Rock) | Rope (R); Pole (P); Visual (V) | Notes | Ceratophyllum demersum | Chara sp. | Elodea canadensis | Heteranthera dubia | Lemna trisulca | Myriophyllum sibiricum | Nuphar variegata | Nymphaea odorata | Potamogeton amplifolius | Potamogeton illinoensis | Potamogeton praelongus | Potamogeton pusillus | Potamogeton richardsonii | Potamogeton robbinsii | Potamogeton zosteriformis | Schoenoplectus acutus | Sparganium fluctuans | Typha latifolia | Vallisneria americana | Nuphar advena |
|--------------|----------------------------|-----------------------------|------------|--|--------------------------------|-------|------------------------|-----------|-------------------|--------------------|----------------|------------------------|------------------|------------------|-------------------------|-------------------------|------------------------|----------------------|--------------------------|-----------------------|---------------------------|-----------------------|----------------------|-----------------|-----------------------|---------------|
| 331 | 45.43386267 | -88.93883037 | 5.4 | М | Р | | | | | | 1 | 1 | | | | | 2 | | | 2 | 1 | | | | | |
| 332 | 45.43312470 | -88.93884421 | 5.8 | М | Р | | | | | | | 1 | | | | | 1 | | | 3 | 2 | | | | | |
| 333 | 45.43238672 | -88.93885804 | 5.6 | М | Р | | | | | | | | | | | | 1 | | | 2 | 1 | | | | | |
| 334 | 45.43164875 | -88.93887187 | 6.8 | М | Р | | 1 | | | | | 1 | | | | | 1 | | | 1 | 2 | | | | 1 | |
| 335 | 45.43091077 | -88.93888570 | 6.9 | М | Р | | 1 | | | | | | | | | | 2 | | | 1 | 3 | | | | | |
| 336 | 45.43017280 | -88.93889953 | 6.4 | М | Р | | 1 | | | | | | | | | | 1 | | | 1 | 2 | | | | 1 | |
| 337 | 45.42943482 | -88.93891336 | 5.3 | М | Р | | | | | | | | | | | | | | | 3 | 1 | | | | | |
| 338 | 45.42869685 | -88.93892719 | 5.1 | М | Р | | | | 1 | | | | | | | | | | | 2 | 1 | | | | 1 | |
| 339 | 45.42795887 | -88.93894101 | 4.3 | М | Р | | | | | | | | | | | | | | | 3 | | | | | | |
| 340 | 45.42722089 | -88.93895484 | 3.3 | М | Р | | 1 | | 1 | | 1 | | | | | | | | | 3 | | | | | | |
| 341 | 45.42648292 | -88.93896867 | 2.7 | М | Р | | | | 2 | | | | | | | | 1 | | | 3 | | | | | 1 | |
| 342 | 45.42574494 | -88.93898250 | 2.2 | М | Р | | | | | 1 | 1 | 1 | | | | | | | | | | | | | 1 | |
| 343 | 45.42500697 | -88.93899632 | 1.6 | М | Р | | | | 2 | | 3 | | | | V | | | | | | | | | | | V |
| 344 | 45.43828077 | -88.93769912 | 2.9 | М | Р | | | | | | | | | | | | | | | 1 | 1 | | | | | |
| 345 | 45.43754280 | -88.93771297 | 3.3 | М | Р | | 1 | | 1 | | 2 | | | | | | | | | 1 | 1 | | | | | |
| 346 | 45.43680483 | -88.93772682 | 4.6 | М | Р | | | | | | | | | | | | | | | 3 | 1 | | | | | |
| 347 | 45.43606685 | -88.93774066 | 4.9 | М | Р | | 1 | | | | | | | | 1 | | | | | 3 | 1 | | | | 1 | |
| 348 | 45.43532888 | -88.93775451 | 7 | М | Р | | 1 | | | | 1 | | | | | | | | | 2 | 1 | | | | | |
| 349 | 45.43459090 | -88.93776836 | 6.6 | М | Р | | 1 | | | 1 | | | | | | | | | | 2 | 1 | | | | | |
| 350 | 45.43385293 | -88.93778220 | 6.1 | М | Р | | 2 | | | | 1 | 2 | | | | | | | | 2 | | | | | 2 | |
| 351 | 45.43311495 | -88.93779605 | 7 | М | Р | | 1 | | | | | | | | | | | | | 2 | | | | | | |
| 352 | 45.43237698 | -88.93780990 | 6 | М | Р | | 1 | | 1 | | 1 | 1 | | | 1 | | 1 | | | 2 | 1 | | | | 1 | |
| 353 | 45.43163900 | -88.93782374 | 5.2 | М | Р | | 1 | | | | | | | | | | | | 1 | 3 | | | | | 1 | |
| 354 | 45.43090103 | -88.93783758 | 6.1 | М | Р | | 1 | | | | | | | | | | 1 | | | 2 | 1 | | | | | |
| 355 | 45.43016305 | -88.93785143 | 5.2 | М | Р | | 1 | | 1 | | | | | | | | | | 1 | 2 | | | | | | |
| 356 | 45.42942508 | -88.93786527 | 5.1 | М | Р | | | | | | | | | | | | 1 | | | 3 | 1 | | | | | Щ |
| 357 | 45.42868710 | -88.93787911 | 4.6 | М | Р | | 1 | | | | | | | | | | 1 | | | 3 | 1 | | | | 1 | Щ |
| 358 | 45.42794913 | -88.93789295 | 3.9 | М | Р | | | | 1 | | | | | | | | | | | 3 | | | | | 1 | |
| 359 | 45.42721115 | -88.93790680 | 3.6 | М | Р | | | | 2 | | 1 | | | | | | | | | 3 | | | | | 1 | |
| 360 | 45.42647318 | -88.93792064 | 2.8 | М | Р | | | | | | | | | | | | 1 | | 1 | 2 | | | | | 1 | |

| Point Number | Latitude (Decimal Degrees) | Longitude (Decimal Degrees) | Depth (ft) | Sediment type (M=muck, S=Sand, R=Rock) | Rope (R); Pole (P); Visual (V) | Notes | Ceratophyllum demersum | Chara sp. | Elodea canadensis | Heteranthera dubia | Lemna trisulca | Myriophyllum sibiricum | Nuphar variegata | Nymphaea odorata | Potamogeton amplifolius | Potamogeton illinoensis | Potamogeton praelongus | Potamogeton pusillus | Potamogeton richardsonii | Potamogeton robbinsii | Potamogeton zosteriformis | Schoenoplectus acutus | Sparganium fluctuans | Typha latifolia | Vallisneria americana | Nuphar advena |
|--------------|----------------------------|-----------------------------|------------|--|--------------------------------|-------|------------------------|-----------|-------------------|--------------------|----------------|------------------------|------------------|------------------|-------------------------|-------------------------|------------------------|----------------------|--------------------------|-----------------------|---------------------------|-----------------------|----------------------|-----------------|-----------------------|---------------|
| 361 | 45.42573520 | -88.93793448 | 2.7 | М | Р | | | 1 | 2 | | | | | | | | | | | 1 | | | | | V | |
| 362 | 45.42499723 | -88.93794832 | 2.3 | М | Р | | 1 | | 1 | | 2 | 1 | | | | | | | | 1 | | | | | 2 | |
| 363 | 45.42425925 | -88.93796216 | 1.5 | S | Р | | | | 1 | 1 | | | V | V | V | | | | | 1 | | V | | | V | |
| 364 | 45.43679507 | -88.93667859 | 3.1 | М | Р | | | | | | 1 | | | | 1 | | | | | 1 | | | | | | |
| 365 | 45.43605710 | -88.93669246 | 4 | М | Р | | 1 | | | | | | | | | | | | 1 | 2 | | | | | | |
| 366 | 45.43531912 | -88.93670632 | 4.1 | М | Р | | | | | | 1 | | | | | 1 | | | | | 1 | | | | 3 | |
| 367 | 45.43458115 | -88.93672018 | 5.1 | М | Р | | 1 | | 1 | | 1 | | | | | | | | | 2 | 2 | | | | 1 | |
| 368 | 45.43384318 | -88.93673404 | 6.2 | М | Р | | 2 | | | | 1 | | | | | | 1 | | | 1 | | | | | 1 | |
| 369 | 45.43310520 | -88.93674790 | 7 | М | Р | | | | 1 | | | 1 | | | | | 1 | | | 1 | 1 | | | | 1 | |
| 370 | 45.43236723 | -88.93676175 | 4.4 | М | Р | | 2 | | | 1 | 1 | 1 | | | | | | | | 1 | | | | | | |
| 371 | 45.43162925 | -88.93677561 | 3.5 | М | Р | | | | | | | | | | | | 2 | | | 2 | 1 | | | | | |
| 372 | 45.43089128 | -88.93678947 | 3.8 | М | Р | | 1 | | | | | | | | | | | | | 3 | | | | | | |
| 373 | 45.43015330 | -88.93680333 | 4.7 | М | Р | | 1 | | | | | | | | | | | | | 3 | 1 | | | | | |
| 374 | 45.42941533 | -88.93681718 | 5.9 | М | Р | | | | 1 | | | | | | | | 1 | | | 2 | | | | | 1 | |
| 375 | 45.42867735 | -88.93683104 | 4.6 | М | Р | | 2 | | | | | | | | | | | | | 3 | | | | | | |
| 376 | 45.42793938 | -88.93684490 | 4.4 | М | Р | | | | | | 1 | | | | | | 1 | | | 3 | | | | | | |
| 377 | 45.42720140 | -88.93685875 | 3.7 | М | Р | | | | | | | | | | | | | | | 2 | | | | | | |
| 378 | 45.42646343 | -88.93687260 | 2.7 | М | Р | | | | | | | | | | 1 | | | | | 3 | | | | | | |
| 379 | 45.42572545 | -88.93688646 | 2 | М | Р | | | | 1 | | | | | | | | | | | 3 | 1 | | | | | |
| 380 | 45.42498748 | -88.93690031 | 5.2 | М | Р | | 1 | | 1 | | 1 | | | | | | | | | 3 | | | | | | |
| 381 | 45.43604733 | -88.93564425 | 1.9 | М | Р | | | | | | 1 | | | | | | | | | 1 | 1 | | | | | |
| 382 | 45.43530936 | -88.93565812 | 1.7 | М | Р | | 1 | | | | 1 | 1 | | | 1 | | 1 | | | 1 | | | | | | |
| 383 | 45.43457139 | -88.93567200 | 2 | М | Р | | | | | 1 | | | | | 1 | | | | 1 | 1 | | | | | 1 | |
| 384 | 45.43383341 | -88.93568587 | 3.4 | М | Р | | | | 1 | | 1 | | | | | | | | | 2 | | | | | | |
| 385 | 45.43309544 | -88.93569974 | 3.6 | М | Р | | 1 | | | | 1 | | | | 1 | | | | | 1 | | | | | 3 | |
| 386 | 45.43235746 | -88.93571361 | 3.9 | М | Р | | 1 | | 2 | 1 | 1 | | | | | | 1 | | 1 | 2 | | | | | | |
| 387 | 45.43161949 | -88.93572749 | 4 | М | Р | | 1 | | 1 | | 2 | | | | | | | | | 3 | | | | | | |
| 388 | 45.43088152 | -88.93574136 | 3.7 | М | Р | | 1 | | 1 | | 1 | | | | | | 1 | | 1 | 3 | | | | | | |
| 389 | 45.43014354 | -88.93575523 | 3.3 | М | Р | | 2 | | | | | | | | | | 1 | | | 3 | | | | | | |
| 390 | 45.42940557 | -88.93576910 | 3.3 | М | Р | | | | 1 | | | | | | | | | | | 3 | 1 | | | | 1 | |

| Point Number | Latitude (Decimal Degrees) | Longitude (Decimal Degrees) | Depth (ft) | Sediment type (M=muck, S=Sand, R=Rock) | Rope (R); Pole (P); Visual (V) | Notes | Ceratophyllum demersum | Chara sp. | Elodea canadensis | Heteranthera dubia | Lemna trisulca | Myriophyllum sibiricum | Nuphar variegata | Nymphaea odorata | Potamogeton amplifolius | Potamogeton illinoensis | Potamogeton praelongus | Potamogeton pusillus | Potamogeton richardsonii | Potamogeton robbinsii | Potamogeton zosteriformis | Schoenoplectus acutus | Sparganium fluctuans | Typha latifolia | Vallisneria americana | Nuphar advena |
|--------------|----------------------------|-----------------------------|------------|--|--------------------------------|-------|------------------------|-----------|-------------------|--------------------|----------------|------------------------|------------------|------------------|-------------------------|-------------------------|------------------------|----------------------|--------------------------|-----------------------|---------------------------|-----------------------|----------------------|-----------------|-----------------------|---------------|
| 391 | 45.42866759 | -88.93578297 | 4.2 | М | Р | | 1 | | 1 | | | | | | | | 1 | | 1 | 2 | | | | | 1 | |
| 392 | 45.42792962 | -88.93579684 | 4.3 | М | Р | | 1 | | 1 | | | | | | 2 | | 2 | | 1 | | 1 | | | | | |
| 393 | 45.42719164 | -88.93581071 | 2.9 | М | Р | | 1 | | | | 1 | | | | | | | | | 3 | 1 | | | | | |
| 394 | 45.42645367 | -88.93582457 | 2.4 | М | Р | | 2 | | | | | | | | | | | | 1 | 3 | | | | | | |
| 395 | 45.42571569 | -88.93583844 | 2.6 | М | Р | | | | 2 | | | | | | | | | | | 3 | 1 | | | | 1 | |
| 396 | 45.42497772 | -88.93585231 | 2.6 | М | Р | | | | | | 1 | | | | | | | | 2 | 3 | | | | | | |
| 397 | 45.43234769 | -88.93466547 | 1.6 | S | Р | | | | 1 | | 2 | | | | 1 | | | | | 1 | 1 | | | | 1 | |
| 398 | 45.43160972 | -88.93467936 | 2 | М | Р | | | | | | 2 | | | | 1 | | | | 1 | | 1 | | | | 1 | |
| 399 | 45.43087174 | -88.93469324 | 2.8 | М | Р | | | | | | 1 | | | | | | | | | 3 | 2 | | | | | |
| 400 | 45.43013377 | -88.93470713 | 2.5 | М | Р | | | | | | | | | | | | 1 | | | 2 | 1 | | | | 1 | |
| 401 | 45.42939580 | -88.93472101 | 3.4 | М | Р | | 1 | | 1 | | 1 | | | | | | | | | 2 | 1 | | | | | |
| 402 | 45.42865782 | -88.93473490 | 2.1 | М | Р | | 1 | | 1 | | 1 | | | | | | | | | 3 | | | | | | |
| 403 | 45.42791985 | -88.93474878 | 2.6 | М | Р | | | | | | 1 | | | | | | | | 1 | 3 | | | | | 2 | |
| 404 | 45.42718187 | -88.93476266 | 2.5 | М | Р | | 1 | | | | 1 | | | | 1 | | | | | 3 | | | | | | |
| 405 | 45.42644390 | -88.93477654 | 1.9 | М | Р | | | | 1 | | 1 | | | | | | | | | 3 | 1 | | | | | |
| 406 | 45.42570592 | -88.93479042 | 3.2 | М | Р | | | | | | 1 | | | | | | | | | 2 | | | | | 1 | |
| 407 | 45.42496795 | -88.93480430 | 2.1 | М | Р | | | | 1 | | 2 | | | | | | | | | 2 | | | | | 1 | |
| 408 | 45.43012399 | -88.93365903 | 1.5 | М | Р | | | | | | V | | | | | | 1 | | | | 1 | | | | 1 | |
| 409 | 45.42938601 | -88.93367293 | 2.1 | М | Р | | 1 | | 2 | 1 | 1 | | | V | | | | | | 1 | 1 | | | | | |