

Lake Education And Planning Services, LLC.

# Shoreline Habitat Assessment

---

Balsam and Mud Lakes, Washburn County  
WDNR/WBIC 2112800

**Prepared by: Savannah Yunkers, Lake Management Technician**



## Contents

Overview .....	4
Protocol.....	4
Priority Ranking Parameters .....	4
Table 1: Value ranges for color assignments of each parameter of concern. ....	5
Lake-Wide Summary .....	5
Table 2: Score ranges and priority rankings for the 97 parcels on Balsam and Mud Lakes. ....	5
Figure 1: Rankings value distribution showing count of all properties per score.....	6
Priority Rankings by Parcel.....	6
High Priority Parcels.....	7
Moderate Priority Parcels.....	11
Low Priority Parcels.....	21
No Priority Parcels.....	40
Lake Management Best Practices (Healthy Lakes Initiative) .....	109
Fish Sticks .....	109
Figure 2: Fish sticks installation (left) and after ice out (right). ....	109
Rain Gardens.....	109
Figure 3: Rain garden installation (left) and upon completion (right). ....	110
Native Plantings .....	110
Figure 4: Completed native planting ( <i>photo from HealthyLakesWI.com</i> ) .....	110
Diversions.....	110
Figure 5: Completed diversion (photo from HealthyLakesWI.com) .....	111
Rock Infiltrations.....	111
Figure 6: Rock infiltration set up.....	111
Index of Parcel Number and Owners.....	112

## Overview

### Protocol

The protocol used in this survey was developed by the Wisconsin Department of Natural Resources (WDNR) as a way to evaluate shoreline habitat. This survey is intended to provide management recommendations to individual property owners based on the evaluation of their property. This protocol involves photographing each parcel from the lake which is then matched to land use information about the riparian zone. For this survey, the riparian zone is defined as the strip of land, along the shore, from the high-water level back 35 feet. The information collected includes ground cover which includes lawn, impervious surfaces, and native plants. Additional land use information includes the number of human structures in the riparian zone and various other runoff concerns. This protocol also assesses the amount of woody debris present in the lake however this is done for the entire lake instead of for each individual parcel. Woody debris provides habitat for fish, birds, and numerous other types of wildlife as well in addition to providing some protection from bank erosion. This protocol defines woody debris as wood in no deeper than 2 feet of water that is at least 4 inches in diameter, at the widest point, and at least 5 feet long.

### Priority Ranking Parameters

The priority rankings that accompany each parcel evaluation were developed by LEAPS in order to determine the needs of each lake that the survey is conducted on with concern to the projects that could realistically be completed on each parcel. The parameters used to determine the priority were considered to be those that would have the biggest impact on rainwater runoff and habitat quality. This includes percentage of canopy cover, as well as the percentage of undisturbed vegetation and a summed percentage of ground covered by manicured lawn, impervious surfaces, and easily eroded surfaces such as exposed soil or shredded vegetation such as pine needles, loose leaves, small branches, etc. also known as duff. Additional consideration was given to the number of buildings present in the riparian zone and the presence or absence of lawns that sloped directly to the lake. For each factor that was considered, there are value ranges assigned to each parameter which determine the color to be assigned, the value ranges can be seen below in table 1. Values that fall within the red range are worth 2 points, values in the yellow range are worth 1 point, and values in the white range are not given any points. The points are then summed and the properties prioritized based on the point range for the entire lake.

Table 1: Value ranges for color assignments of each parameter of concern.

Parameter	Red range (2 points)	Yellow Range (1 Point)	White (No points)
Percent canopy cover	0-33%	34-66%	>66%
Percent shrub and herbaceous (undisturbed)	0-33%	34-66%	>66%
Percent lawn, impervious, and other surfaces	>66%	34-66%	0-33%
Number of buildings and other human structures	>1	1	0
Presence/ Absence of lawn or soil sloping to lake	N/A	1 (Present)	0 (Absent)
Presence/Absence of bare soil	1 (Present)	N/A	0 (Absent)
Presence/Absence of sand deposits	N/A	1 (Present)	0 (Absent)

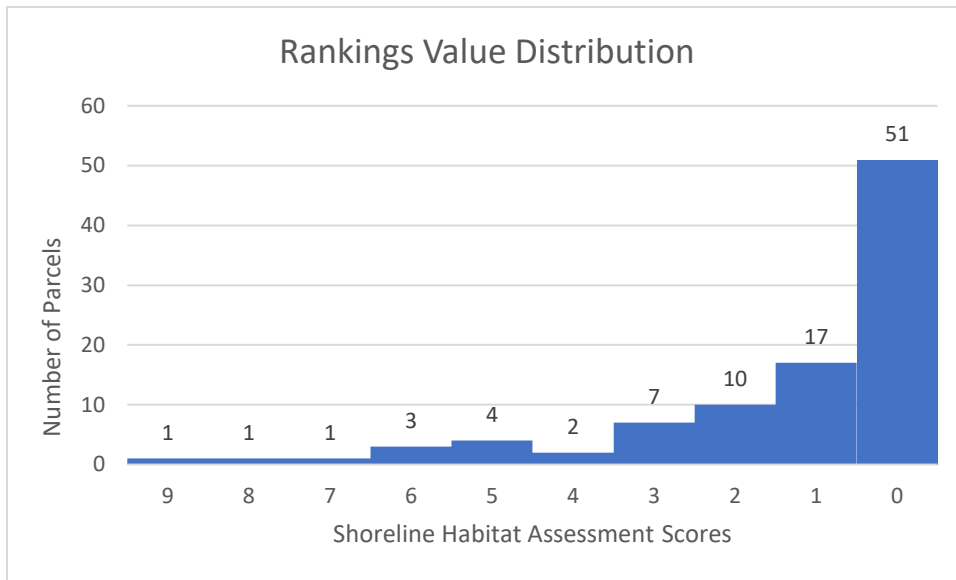
### Lake-Wide Summary

To establish priority rankings for this lake, it was important to consider the entire lake. The maximum possible score was 12 points, but the highest scoring parcel only scored 9 points. From here, four levels of concern were established: red, orange, yellow, and white. These colors correspond to the priority of concern red properties are of high concern, orange is moderate, yellow is low, and white parcels are of no concern. Table 2 summarizes the survey results for the entire lake.

Table 2: Score ranges and priority rankings for the 97 parcels on Balsam and Mud Lakes.

Color	Overall Score	Priority	Number of Parcels
Red	7-9 Points	High	3
Orange	4-6 Points	Moderate	9
Yellow	2-3 Points	Low	17
White	0-1 Points	No Concern	68

Figure 1: Rankings value distribution showing count of all properties per score. The maximum possible score was 12, but scores that had zero parcels were left out of the distribution table.



### Priority Rankings by Parcel

The following pages are the summarized evaluations of each parcel. This will include the numbers used to determine the overall score as well as a photograph, and management recommendations for each parcel. Photos are intended to provide reference for individual property owners. These have been matched to the correct properties to our best knowledge. It is important to note that while ranking each parcel ONLY the 35-ft along the shoreline was considered. The photos were not used to assess properties and can be misleading for certain parameters, particularly canopy cover. For example, some parcels appear mostly shaded, but only have 15% canopy cover. This is likely because the assessment only considered 35-ft back and the canopy cover started beyond that mark. Additionally, there are other considerations such as camera angle, time of day, etc. All evaluations were done in the field to prevent any misdirection that would have been caused by using photos to assess the properties.

The management recommendations are explained, in more detail, in the section following the rankings. Generally speaking, there are very few recommendations for properties scoring under 3 points, so these have been marked with low or no priority ranking. Many of the low priority parcels would benefit from native plantings along the shore to act as a buffer zone. The high and moderate priorities would do well with rain gardens, rock infiltrations, as well as native plantings. These are all general patterns, but it is important to note that there is a good amount of variation between each parcel. To account for this, there are specific management recommendations for each parcel. The recommendations for each parcel are meant to give property owners an idea of some of inexpensive small-scale projects that would best suit the needs of their property. The projects suggested come primarily from the WDNR’s Healthy Lakes Initiative which means most of them are eligible for grant funding through the WDNR.

## High Priority Parcels

65-010-2-37-10-34-5 15-112-511000
65-010-2-37-10-34-5 15-112-524000
65-010-2-37-10-34-5 15-112-524500

Parcel number: 65-010-2-37-10-34-5 15-112-511000

Total Score: 8

Priority: High

Parameter	Property value	Point value
Percent canopy cover	30	2
Percent shrub and herbaceous (undisturbed)	10	2
Percent lawn, impervious, and other surfaces	50	1
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	1	1
Presence/Absence of bare soil deposits	1	2
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Install a native plant buffer along the shoreline and increase canopy cover. Cover bare soil with native plantings.





Parcel number: 65-010-2-37-10-34-5 15-112-524000

Total Score: 9

Priority: High

Parameter	Property value	Point value
Percent canopy cover	30	2
Percent shrub and herbaceous (undisturbed)	10	2
Percent lawn, impervious, and other surfaces	90	2
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	1	1
Presence/Absence of bare soil deposits	1	2
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Install a native plant buffer along the shoreline and increase canopy cover. Cover bare soil with native plantings.



Parcel number: 65-010-2-37-10-34-5 15-112-524500

Total Score: 7

Priority: Moderate

Parameter	Property value	Point value
Percent canopy cover	30	2
Percent shrub and herbaceous (undisturbed)	30	2
Percent lawn, impervious, and other surfaces	70	2
Number of buildings and other human structures	1	1
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Install a native plant buffer along the shoreline and increase canopy cover. Divert runoff from near shore structures away from the lake. Install a rain garden or rock infiltration to catch run off.



### Moderate Priority Parcels

65-010-2-37-10-26-5 05-002-004000
65-010-2-37-10-26-5 05-002-007000
65-010-2-37-10-34-5 05-003-001000
65-010-2-37-10-34-5 15-112-505500
65-010-2-37-10-34-5 15-112-508000
65-010-2-37-10-34-5 15-112-508500
65-010-2-37-10-34-5 15-112-518500
65-010-2-37-10-34-5 15-112-523500
65-010-2-37-10-34-5 15-112-525000

Parcel number: 65-010-2-37-10-26-5 05-002-004000

Total Score: 4

Priority: Moderate

Parameter	Property value	Point value
Percent canopy cover	60	1
Percent shrub and herbaceous (undisturbed)	80	0
Percent lawn, impervious, and other surfaces	20	0
Number of buildings and other human structures	1	1
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	1	2
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Increase canopy cover. Store boats and other large items on racks further from riparian zone.



Parcel number: 65-010-2-37-10-26-5 05-002-007000

Total Score: 6

Priority: Moderate

Parameter	Property value	Point value
Percent canopy cover	85	0
Percent shrub and herbaceous (undisturbed)	20	2
Percent lawn, impervious, and other surfaces	80	2
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	1	2
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Install a native plant buffer along shoreline. Cover bare soil with native plantings.



Parcel number: 65-010-2-37-10-34-5 05-003-001000

Total Score: 5

Priority: Moderate

Parameter	Property value	Point value
Percent canopy cover	95	0
Percent shrub and herbaceous (undisturbed)	60	1
Percent lawn, impervious, and other surfaces	40	1
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	1	1
Presence/Absence of bare soil deposits	1	2
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Cover bare soil with native plantings.



Parcel number: 65-010-2-37-10-34-5 15-112-505500

Total Score: 6

Priority: Moderate

Parameter	Property value	Point value
Percent canopy cover	75	0
Percent shrub and herbaceous (undisturbed)	10	2
Percent lawn, impervious, and other surfaces	90	2
Number of buildings and other human structures	1	1
Presence/ Absence of lawn or soil sloping to lake	1	1
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Install a native plant buffer along the shoreline. Store boats and other large items further from the riparian zone.



Parcel number: 65-010-2-37-10-34-5 15-112-508000

Total Score: 5

Priority: Moderate

Parameter	Property value	Point value
Percent canopy cover	85	0
Percent shrub and herbaceous (undisturbed)	20	2
Percent lawn, impervious, and other surfaces	80	2
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	1	1
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Install a native plant buffer along the shoreline.





Parcel number: 65-010-2-37-10-34-5 15-112-508500

Total Score: 5

Priority: Moderate

Parameter	Property value	Point value
Percent canopy cover	85	0
Percent shrub and herbaceous (undisturbed)	20	2
Percent lawn, impervious, and other surfaces	80	2
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	1	1
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Install a native plant buffer along the shoreline and increase canopy cover.



Parcel number: 65-010-2-37-10-34-5 15-112-518500

Total Score: 5

Priority: Moderate

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	20	2
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	1	1
Presence/Absence of bare soil deposits	1	2
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Cover bare soil with native plantings. Install a native plant buffer along the shoreline.



Parcel number: 65-010-2-37-10-34-5 15-112-523500

Total Score: 5

Priority: Moderate

Parameter	Property value	Point value
Percent canopy cover	90	0
Percent shrub and herbaceous (undisturbed)	40	1
Percent lawn, impervious, and other surfaces	60	1
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	1	1
Presence/Absence of bare soil deposits	1	2
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Cover bare soil with native plantings.



Parcel number: 65-010-2-37-10-34-5 15-112-525000

Total Score: 4

Priority: Moderate

Parameter	Property value	Point value
Percent canopy cover	30	2
Percent shrub and herbaceous (undisturbed)	50	1
Percent lawn, impervious, and other surfaces	50	1
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Increase canopy cover and install a native plant buffer along the shoreline.



## Low Priority Parcels

65-010-2-37-10-26-5 05-003-001000
65-010-2-37-10-26-5 05-002-002000
65-010-2-37-10-26-5 05-002-005000
65-010-2-37-10-34-5 05-002-003000
65-010-2-37-10-34-5 15-112-500500
65-010-2-37-10-34-5 15-112-510000
65-010-2-37-10-34-5 15-112-511500
65-010-2-37-10-34-5 15-112-512000
65-010-2-37-10-34-5 15-112-512500
65-010-2-37-10-34-5 15-112-517500
65-010-2-37-10-34-5 15-112-519500
65-010-2-37-10-34-5 15-112-520000
65-010-2-37-10-34-5 15-112-521500
65-010-2-37-10-34-5 15-112-526500
65-010-2-37-10-34-5 15-112-527500
65-010-2-37-10-34-5 15-112-528500
65-010-2-37-10-35-5 05-001-002010

Parcel number: 65-010-2-37-10-26-5 05-003-001000

Total Score: 3

Priority: Low

Parameter	Property value	Point value
Percent canopy cover	50	1
Percent shrub and herbaceous (undisturbed)	50	1
Percent lawn, impervious, and other surfaces	50	1
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Increase canopy cover.



Parcel number: 65-010-2-37-10-26-5 05-002-002000

Total Score: 2

Priority: Low

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	40	1
Percent lawn, impervious, and other surfaces	60	1
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Continue to promote growth of the native shrubs.



Parcel number: 65-010-2-37-10-26-5 05-002-005000

Total Score: 2

Priority: Low

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	1	1
Presence/ Absence of lawn or soil sloping to lake	1	1
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Store boats and other large items further from the riparian zone.





Parcel number: 65-010-2-37-10-34-5 05-002-003000

Total Score: 2

Priority: Low

Parameter	Property value	Point value
Percent canopy cover	75	0
Percent shrub and herbaceous (undisturbed)	50	1
Percent lawn, impervious, and other surfaces	50	1
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Install a native plant buffer along the shoreline.



Parcel number: 65-010-2-37-10-34-5 15-112-500500

Total Score: 3

Priority: Low

Parameter	Property value	Point value
Percent canopy cover	75	0
Percent shrub and herbaceous (undisturbed)	50	1
Percent lawn, impervious, and other surfaces	50	1
Number of buildings and other human structures	1	1
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Install a native plant buffer along the shoreline. Store boats and other large items further from the riparian zone.

No photo available.

Parcel number: 65-010-2-37-10-34-5 15-112-510000

Total Score: 2

Priority: Low

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	1	1
Presence/ Absence of lawn or soil sloping to lake	1	1
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Divert runoff from near-shore structures away from the lake. Install a rain garden or rock infiltration to catch the runoff.





Parcel number: 65-010-2-37-10-34-5 15-112-511500

Total Score: 2

Priority: Low

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	80	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	1	1
Presence/ Absence of lawn or soil sloping to lake	1	1
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Divert runoff from near-shore structures away from the lake. Install a rain garden or rock infiltration to catch the runoff.



Parcel number: 65-010-2-37-10-34-5 15-112-512000

Total Score: 2

Priority: Low

Parameter	Property value	Point value
Percent canopy cover	90	0
Percent shrub and herbaceous (undisturbed)	30	2
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Install a native plant buffer along the shoreline.



Parcel number: 65-010-2-37-10-34-5 15-112-512500

Total Score: 3

Priority: Low

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	30	2
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	1	1
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Install a native plant buffer along the shoreline.



Parcel number: 65-010-2-37-10-34-5 15-112-517500

Total Score: 2

Priority: Low

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	1	1
Presence/ Absence of lawn or soil sloping to lake	1	1
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Divert runoff from near-shore structures away from the lake. Install a rain garden or rock infiltration to catch the runoff.





Parcel number: 65-010-2-37-10-34-5 15-112-519500

Total Score: 3

Priority: Low

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	50	1
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	1	1
Presence/ Absence of lawn or soil sloping to lake	1	1
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Divert runoff from near-shore structures away from the lake. Install a rain garden or rock infiltration to catch the runoff. Install a native plant buffer along the shoreline.



Parcel number: 65-010-2-37-10-34-5 15-112-520000

Total Score: 3

Priority: Low

Parameter	Property value	Point value
Percent canopy cover	75	0
Percent shrub and herbaceous (undisturbed)	50	1
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	1	1
Presence/ Absence of lawn or soil sloping to lake	1	1
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Divert runoff from near-shore structures away from the lake. Install a rain garden or rock infiltration to catch the runoff.



Parcel number: 65-010-2-37-10-34-5 15-112-521500

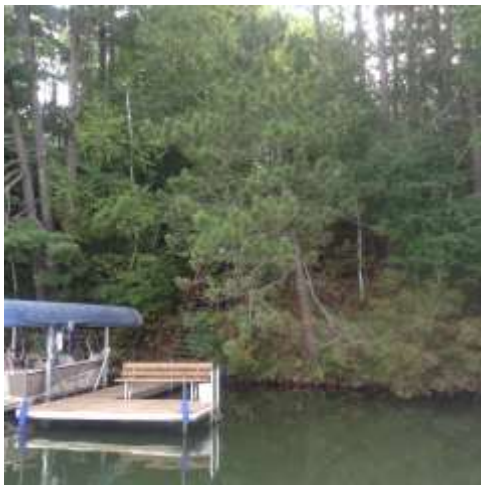
Total Score: 3

Priority: Low

Parameter	Property value	Point value
Percent canopy cover	90	0
Percent shrub and herbaceous (undisturbed)	20	2
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	1	1
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Install a native plant buffer along the shoreline.



Parcel number: 65-010-2-37-10-34-5 15-112-526500

Total Score: 2

Priority: Low

Parameter	Property value	Point value
Percent canopy cover	90	0
Percent shrub and herbaceous (undisturbed)	40	1
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	1	1
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Install a native plant buffer along the shoreline.



Parcel number: 65-010-2-37-10-34-5 15-112-527500

Total Score: 2

Priority: Low

Parameter	Property value	Point value
Percent canopy cover	90	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	1	2
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Cover bare soil with native plantings.



Parcel number: 65-010-2-37-10-34-5 15-112-528500

Total Score: 2

Priority: Low

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	1	2
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Cover bare soil with native plantings.



Parcel number: 65-010-2-37-10-35-5 05-001-002010

Total Score: 3

Priority: Low

Parameter	Property value	Point value
Percent canopy cover	95	0
Percent shrub and herbaceous (undisturbed)	40	1
Percent lawn, impervious, and other surfaces	50	1
Number of buildings and other human structures	1	1
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Continue promoting growth of the native shrubs. Store boats and other large items further from the riparian zone.



## No Priority Parcels

65-010-2-37-10-26-5 05-003-003000
65-010-2-37-10-26-5 05-003-004000
65-010-2-37-10-26-5 05-003-005000
65-010-2-37-10-26-5 05-004-001000
65-010-2-37-10-26-5 05-002-001000
65-010-2-37-10-26-5 05-002-003000
65-010-2-37-10-26-5 05-002-006000
65-010-2-37-10-26-5 05-001-001000
65-010-2-37-10-26-5 05-001-002000
65-010-2-37-10-26-5 05-005-001000
65-010-2-37-10-26-5 05-006-001000
65-010-2-37-10-26-3 04-000-002000
65-010-2-37-10-27-5 05-001-001000
65-010-2-37-10-27-5 05-002-001000
65-010-2-37-10-27-5 05-003-001000
65-010-2-37-10-27-5 05-003-002000
65-010-2-37-10-34-5 05-002-001000
65-010-2-37-10-34-5 05-002-002000
65-010-2-37-10-34-5 05-002-004000
65-010-2-37-10-34-5 05-003-002000
65-010-2-37-10-34-5 05-003-003000
65-010-2-37-10-34-5 05-003-004000
65-010-2-37-10-34-5 05-004-002000
65-010-2-37-10-34-5 15-112-501000
65-010-2-37-10-34-5 15-112-501500
65-010-2-37-10-34-5 15-112-502000
65-010-2-37-10-34-5 15-112-502500
65-010-2-37-10-34-5 15-112-503000
65-010-2-37-10-34-5 15-112-503500
65-010-2-37-10-34-5 15-112-504000
65-010-2-37-10-34-5 15-112-504500
65-010-2-37-10-34-5 15-112-505000
65-010-2-37-10-34-5 15-112-506000
65-010-2-37-10-34-5 15-112-506500
65-010-2-37-10-34-5 15-112-507000

65-010-2-37-10-34-5 15-112-507500
65-010-2-37-10-34-5 15-112-509000
65-010-2-37-10-34-5 15-112-509500
65-010-2-37-10-34-5 15-112-510500
65-010-2-37-10-34-5 15-112-513500
65-010-2-37-10-34-5 15-112-514000
65-010-2-37-10-34-5 15-112-514500
65-010-2-37-10-34-5 15-112-515000
65-010-2-37-10-34-5 15-112-515500
65-010-2-37-10-34-5 15-112-516000
65-010-2-37-10-34-5 15-112-518000
65-010-2-37-10-34-5 15-112-519000
65-010-2-37-10-34-5 15-112-520500
65-010-2-37-10-34-5 15-112-521000
65-010-2-37-10-34-5 15-112-522000
65-010-2-37-10-34-5 15-112-523000
65-010-2-37-10-34-5 15-112-525500
65-010-2-37-10-34-5 15-112-526000
65-010-2-37-10-34-5 15-112-527000
65-010-2-37-10-34-5 15-112-528000
65-010-2-37-10-34-5 05-006-001000
65-010-2-37-10-34-4 04-000-002000
65-010-2-37-10-35-2 01-000-002000
65-010-2-37-10-35-5 05-001-001000
65-010-2-37-10-35-2 03-000-001000
65-010-2-37-10-35-2 03-000-003000
65-010-2-37-10-35-2 03-000-004000
65-010-2-37-10-35-2 04-000-002000
65-010-2-37-10-35-3 01-000-002000
65-010-2-37-10-35-5 05-001-003000
65-010-2-37-10-35-5 05-001-004000
65-010-2-37-10-35-3 02-000-005000
65-010-2-37-10-35-3 02-000-006000



Parcel number: 65-010-2-37-10-26-5 05-003-003000

Total Score: 1

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	1	1
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Store boats and other large items further from the riparian zone. Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-26-5 05-003-004000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-26-5 05-003-005000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-26-5 05-004-001000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-26-5 05-002-001000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-26-5 05-002-003000

Total Score: 1

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	1	1
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-26-5 05-002-006000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-26-5 05-001-001000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.



Parcel number: 65-010-2-37-10-26-5 05-001-002000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-26-5 05-005-001000

Total Score: 1

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	1	1
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-26-5 05-006-001000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-26-3 04-000-002000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-26-5 05-001-001000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-27-5 05-002-001000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-27-5 05-003-001000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-27-5 05-003-002000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.



Parcel number: 65-010-2-37-10-26-5 05-002-001000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-26-5 05-002-002000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-26-5 05-002-004000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-26-5 05-003-002000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-26-5 05-003-003000

Total Score: 1

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-26-5 05-003-004000

Total Score: 1

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-26-5 05-004-002000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-501000

Total Score: 1

Priority: None

Parameter	Property value	Point value
Percent canopy cover	95	0
Percent shrub and herbaceous (undisturbed)	90	0
Percent lawn, impervious, and other surfaces	10	0
Number of buildings and other human structures	1	1
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Store boats and other large items away from the riparian zone. Monitor and remove invasive species.



Parcel number: 65-010-2-37-10-34-5 15-112-501500

Total Score: 1

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	1	1
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Store boats and other large items away from the riparian zone. Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-502000

Total Score: 1

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	1	1
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Store boats and other large items away from the riparian zone. Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-502500

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-503000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-503500

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-504000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-504500

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-505000

Total Score: 1

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	1	1
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Monitor and remove invasive species.



Parcel number: 65-010-2-37-10-34-5 15-112-506000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-506500

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-507000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-507500

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-509000

Total Score: 1

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	1	1
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-509500

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-510500

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-513500

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.



Parcel number: 65-010-2-37-10-34-5 15-112-514000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-514500

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-515000

Total Score: 1

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	1	1
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-515500

Total Score: 1

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	1	1
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-516000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-518000

Total Score: 1

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	1	1
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-519000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-520500

Total Score: 1

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	1	1
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Divert runoff from near-shore structures away from the lake. Monitor and remove invasive species.



Parcel number: 65-010-2-37-10-34-5 15-112-521000

Total Score: 1

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	1	1
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-522000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-523000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-525500

Total Score: 1

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	1	1
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Divert runoff from near-shore structures away from the lake. Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-526000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-527000

Total Score: 1

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	1	1
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-34-5 15-112-528000

Total Score: 1

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	1	1
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-35-5 05-006-001000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.



Parcel number: 65-010-2-37-10-34-4 04-000-002000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	90	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-35-2 01-000-002000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-35-5 05-001-001000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-35-2 03-000-001000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	90	0
Percent lawn, impervious, and other surfaces	10	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-35-2 03-000-003000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-35-2 03-000-004000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-35-2 04-000-002000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-35-3 01-000-002000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.



Parcel number: 65-010-2-37-10-35-5 05-001-003000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-35-5 05-001-004000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-35-3 02-000-005000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

Parcel number: 65-010-2-37-10-35-3 02-000-006000

Total Score: 0

Priority: None

Parameter	Property value	Point value
Percent canopy cover	100	0
Percent shrub and herbaceous (undisturbed)	100	0
Percent lawn, impervious, and other surfaces	0	0
Number of buildings and other human structures	0	0
Presence/ Absence of lawn or soil sloping to lake	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

***Management Recommendations:***

Monitor and remove invasive species.

## Lake Management Best Practices (Healthy Lakes Initiative)

The Healthy Lakes Initiative is a program that has been set up by the WDNR to provide support through information and grant funding to small scale projects that will help improve both shoreline habitat and lake health. The grants available for these projects are intended for fairly small, inexpensive projects, so there is a \$1000 limit in grant funding per project. This program is focused on helping individual property owners improve their shoreline. There are five projects that are eligible for Healthy Lakes Grants. The projects that qualify for these grants are installing fish sticks, rain gardens, native plantings, diversions, and rock infiltrations.

### Fish Sticks

Fish sticks (Figure 2) is taking trees from inland, and installing them in the lake to mimic shore trees that will eventually fall into the lake. The trees used must be taken from a minimum of 35 feet inland and are then secured to the shore with cables for approximately 3 years. This provides habitat for fish, birds, and many other animals. In addition to providing habitat, fish sticks help protect the shoreline from bank erosion. Fish sticks project costs range anywhere from \$100 to \$1000, averaging about \$500. These are very low maintenance because it is only necessary to occasionally check the cables to ensure they are secure. This practice would work well for almost any of the developed parcels on the flowage.

Figure 2: Fish sticks installation (left) and after ice out (right).



### Rain Gardens

Rain gardens (Figure 3) are shallow depressions that contain loose soil and native plants. These are intended to capture the runoff, allowing the water to be filtered, naturally through the ground instead of flowing directly into the lake. Rain gardens are designed to allow the rainwater to soak into the ground with 1-2 days, to prevent any of the issues created by standing water. The project cost for rain garden range anywhere from \$500 to \$9,500, but this is very dependent on the size of the rain garden. The maintenance is fairly low, only requiring watering for about two weeks, until the plants have established, and weeding is occasionally needed during the first year. This project is best suited to parcels on a smaller incline to catch rainwater runoff that would otherwise run into the lake.

Figure 3: Rain garden installation (left) and upon completion (right).



### Native Plantings

Native plantings (Figure 4) are intended to establish a buffer zone between the developed portion of a parcel and the lake. The buffer helps filter and slow rainwater runoff so much of it filters into the ground. This buffer zone is created by changing a strip of turf grass, at least ten feet wide, along the shoreline to a natural area composed of native shoreline plants. Similar to rain gardens, these are fairly low maintenance requiring water only until the plants have become established. The only ongoing maintenance is the removal of any invasive species that find their way into the planting. On average, native plantings cost around \$1000. This project will work for almost any developed parcel that does not have a sand beach as the primary frontage.

Figure 4: Completed native planting (*photo from HealthyLakesWI.com*)



### Diversions

Diversions (Figure 5) are placed across a sloping path or driveway to divert runoff water to an area where it can be absorbed into the ground instead of flowing directly into the lake. In addition to helping improve lake health, these can also reduce the effects of erosion on the paths that the diversions are installed on. Diversions are created by entrenching a log or creating a small earthen berm approximately 30 degrees from the angle of the slope. The cost of these range anywhere from \$25 to \$3,750, but the average diversion costs \$200. These are very low maintenance, and only require some debris removal

that could get stuck in the diversion and occasionally ensuring everything is still secure and in place. This practice does not work well for the purposes of this particular survey, but it is mentioned here as a nod to projects that could be completed further inland than this survey was meant to assess.

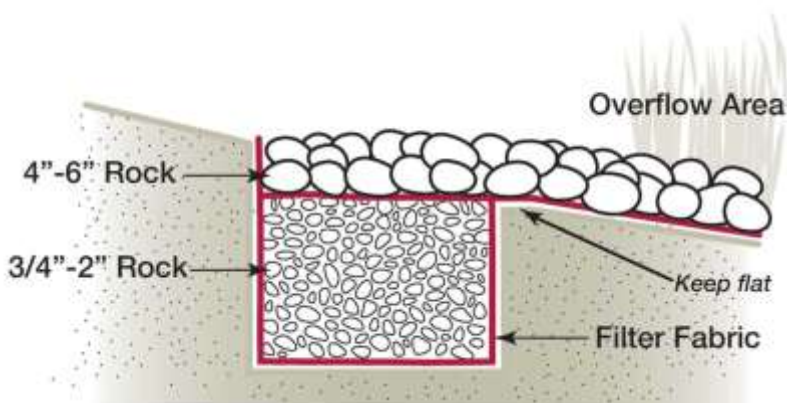
Figure 5: Completed diversion (photo from HealthyLakesWI.com)



### Rock Infiltrations

Rock infiltrations (Figure 6) are meant for relatively low traffic areas as a way to catch rainwater runoff and divert it into the ground. These consist of a pit which is no more than five feet deep. This pit is lined with filter fabric and filled with small rock. More filter fabric is placed on top and larger rock is then placed over that to hold everything in place. These range in price from \$500 to \$9,500, on average costing \$3800. This requires some maintenance to function properly. It is necessary to remove any debris such as leaves or pine needles that may collect. It is also necessary to occasionally clean out the rock as it collects sediment. This works well around building that can be seen in the riparian zone. The rock infiltrations allow for rainwater coming off of the roof to be collected and filtered without damaging the building it surrounds.

Figure 6: Rock infiltration set up



## Index of Parcel Number and Owners

Parcel Id	Name
65-010-2-37-10-26-5 05-003-001000	BLACKALLER, PATRICK M
65-010-2-37-10-26-5 05-003-003000	GLEICHERT TRUST, ANN C
65-010-2-37-10-26-5 05-003-004000	GARGULAK, JERRY D
65-010-2-37-10-26-5 05-003-005000	ROHLIK, SUSAN J
65-010-2-37-10-26-5 05-004-001000	PETERSEN TRUST, WILLIAM J
65-010-2-37-10-26-5 05-002-001000	RIEMAN JR, WILLIAM C
65-010-2-37-10-26-5 05-002-002000	HANSEN, TODD
65-010-2-37-10-26-5 05-002-003000	FARLEY, RONALD E
65-010-2-37-10-26-5 05-002-004000	BREKKEN, DAVID L
65-010-2-37-10-26-5 05-002-005000	LUNIEWSKI, STEVEN J
65-010-2-37-10-26-5 05-002-006000	GUSTAFSON, JANET A
65-010-2-37-10-26-5 05-002-007000	PICKERILL TRUST, ELIZABETH A
65-010-2-37-10-26-5 05-001-001000	GRILLI, CATHERINE
65-010-2-37-10-26-5 05-001-002000	GRILLI, CATHERINE I
65-010-2-37-10-26-5 05-005-001000	PETERSEN TRUST, WILLIAM J
65-010-2-37-10-26-5 05-006-001000	MUD LAKE TRUST,
65-010-2-37-10-26-3 04-000-002000	MUD LAKE TRUST,
65-010-2-37-10-27-5 05-001-001000	GRILLI, CATHERINE I
65-010-2-37-10-27-5 05-002-001000	DUNWIDDIE, WILLIAM F
65-010-2-37-10-27-5 05-003-001000	CHASTEEN, GERALD L
65-010-2-37-10-27-5 05-003-002000	CHASTEEN, GERALD L
65-010-2-37-10-34-5 05-002-001000	DUNWIDDIE, SHIRLEY
65-010-2-37-10-34-5 05-002-002000	DUNWIDDIE, FOSTER
65-010-2-37-10-34-5 05-002-003000	CHASTEEN, GERALD L
65-010-2-37-10-34-5 05-002-004000	CHASTEEN, GERALD L
65-010-2-37-10-34-5 05-003-001000	GEILFUSS, PAUL E
65-010-2-37-10-34-5 05-003-002000	DUNWIDDIE, WILLIAM F
65-010-2-37-10-34-5 05-003-003000	DUNWIDDIE, WILLIAM F
65-010-2-37-10-34-5 05-003-004000	GEILFUSS, PAUL E
65-010-2-37-10-34-5 05-004-002000	GEILFUSS, PAUL E
65-010-2-37-10-34-5 15-112-500500	ROSS, DANIEL P
65-010-2-37-10-34-5 15-112-501000	KOTVAL, RANDY J
65-010-2-37-10-34-5 15-112-501500	HOFFMAN, DUANE M
65-010-2-37-10-34-5 15-112-502000	ANDERHOLM, ERIC J
65-010-2-37-10-34-5 15-112-502500	ZINGEN, DENNIS J
65-010-2-37-10-34-5 15-112-503000	KLUTHO, MICHAEL A
65-010-2-37-10-34-5 15-112-503500	KLUTHO, MICHAEL A
65-010-2-37-10-34-5 15-112-504000	SIMPSON, HENRY JOSEPH
65-010-2-37-10-34-5 15-112-504500	SIMPSON, HENRY JOSEPH



65-010-2-37-10-34-5 15-112-505000	SCHWARTZ, ROBERT L
65-010-2-37-10-34-5 15-112-505500	LEWIS, TIMOTHY L
65-010-2-37-10-34-5 15-112-506000	LEWIS, TIMOTHY L
65-010-2-37-10-34-5 15-112-506500	LANCTOT, HEATH M
65-010-2-37-10-34-5 15-112-507000	LANCTOT, HEATH M
65-010-2-37-10-34-5 15-112-507500	LANCTOT, HEATH M
65-010-2-37-10-34-5 15-112-508000	REALI, TIM M
65-010-2-37-10-34-5 15-112-508500	GROENE, NANCY L
65-010-2-37-10-34-5 15-112-509000	LANGRECK, LAURA A
65-010-2-37-10-34-5 15-112-509500	LANGRECK, LAURA A
65-010-2-37-10-34-5 15-112-510000	PLAZA, TIMOTHY C
65-010-2-37-10-34-5 15-112-510500	PAJERSKI, TERRANCE
65-010-2-37-10-34-5 15-112-511000	BUERGI, CHRISTOPHER A
65-010-2-37-10-34-5 15-112-511500	PERRY, DONALD M
65-010-2-37-10-34-5 15-112-512000	DRAKE, DOREEN K
65-010-2-37-10-34-5 15-112-512500	PRITCHARD, MICHAEL A
65-010-2-37-10-34-5 15-112-513500	KLANDER, JUSTIN DAVID
65-010-2-37-10-34-5 15-112-514000	GILES TRUST, CAROLYN A
65-010-2-37-10-34-5 15-112-514500	MONSON TRUST
65-010-2-37-10-34-5 15-112-515000	MONSON TRUST
65-010-2-37-10-34-5 15-112-515500	MONSON TRUST
65-010-2-37-10-34-5 15-112-516000	AFFELDT, MATTHEW R
65-010-2-37-10-34-5 15-112-517500	VAVROSKY, GARY L
65-010-2-37-10-34-5 15-112-518000	TIFFANY, AMANDA S
65-010-2-37-10-34-5 15-112-518500	DILLON, TIMOTHY K
65-010-2-37-10-34-5 15-112-519000	DILLON, DAVID P
65-010-2-37-10-34-5 15-112-519500	DILLON, DAVID P
65-010-2-37-10-34-5 15-112-520000	DUNCAN TRUST, STEPHEN M
65-010-2-37-10-34-5 15-112-520500	JACOBSON, TODD A
65-010-2-37-10-34-5 15-112-521000	JOHNSON, SHANE A
65-010-2-37-10-34-5 15-112-521500	PAJERSKI, TERRANCE
65-010-2-37-10-34-5 15-112-522000	MICKEL, CHARLES E
65-010-2-37-10-34-5 15-112-523000	FRIEDMAN, FRED G
65-010-2-37-10-34-5 15-112-523500	PORISCH, PAUL D
65-010-2-37-10-34-5 15-112-524000	BROWN, LAURIE A
65-010-2-37-10-34-5 15-112-524500	DESCHANE, THOMAS A
65-010-2-37-10-34-5 15-112-525000	PACE, RONALD B
65-010-2-37-10-34-5 15-112-525500	ZWEBER, JOSEPH A
65-010-2-37-10-34-5 15-112-526000	ZWEBER, JOSEPH A
65-010-2-37-10-34-5 15-112-526500	KELLOGG, DAVID M
65-010-2-37-10-34-5 15-112-527000	JOHNSTON, JAMES E

65-010-2-37-10-34-5 15-112-527500	GERAETS, DOUGLAS J
65-010-2-37-10-34-5 15-112-528000	CASAGRANDE, PATRICIA M
65-010-2-37-10-34-5 15-112-528500	CASAGRANDE, PATRICIA M
65-010-2-37-10-34-5 05-006-001000	GEILFUSS, PAUL E
65-010-2-37-10-34-4 04-000-002000	WISCONSIN DNR
65-010-2-37-10-35-2 01-000-002000	MUD LAKE TRUST
65-010-2-37-10-35-5 05-001-001000	MUD LAKE TRUST
65-010-2-37-10-35-2 03-000-001000	KUZNAR, RANDY JAMES
65-010-2-37-10-35-2 03-000-003000	WOODWARD, LAURA A
65-010-2-37-10-35-2 03-000-004000	WOODWARD, LAURA A
65-010-2-37-10-35-2 04-000-002000	MUD LAKE TRUST
65-010-2-37-10-35-3 01-000-002000	PETERSEN TRUST, WILLIAM J
65-010-2-37-10-35-5 05-001-002010	LABANDZ, RICKY J
65-010-2-37-10-35-5 05-001-003000	HAYLE, DIANNE M
65-010-2-37-10-35-5 05-001-004000	BLOOM, MICHAEL E
65-010-2-37-10-35-3 02-000-005000	WARE, LYNNE M
65-010-2-37-10-35-3 02-000-006000	PIONTEK FAMILY TRUST