

**Big Trade Lake and Little Trade Lake**  
**Burnett County**  
**Shoreline Habitat Assessment**



**Round Trade Lakes Improvement Association**  
**Summer 2021**

# **Big Trade Lake and Little Trade Lake Shoreline Habitat Assessment**

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## **Acknowledgements:**

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## 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 an evaluation of their property. This protocol involves surveying the riparian land use for each parcel and photographing each parcel from the lake. For this survey, the riparian zone is defined as 35 feet inland from the water's edge. The land use information includes the number of human structures in the riparian zone and various other runoff concerns, as well as natural cover of trees, shrubs, and ground cover.

### *Habitat Improvement Potential Ranking Parameters*

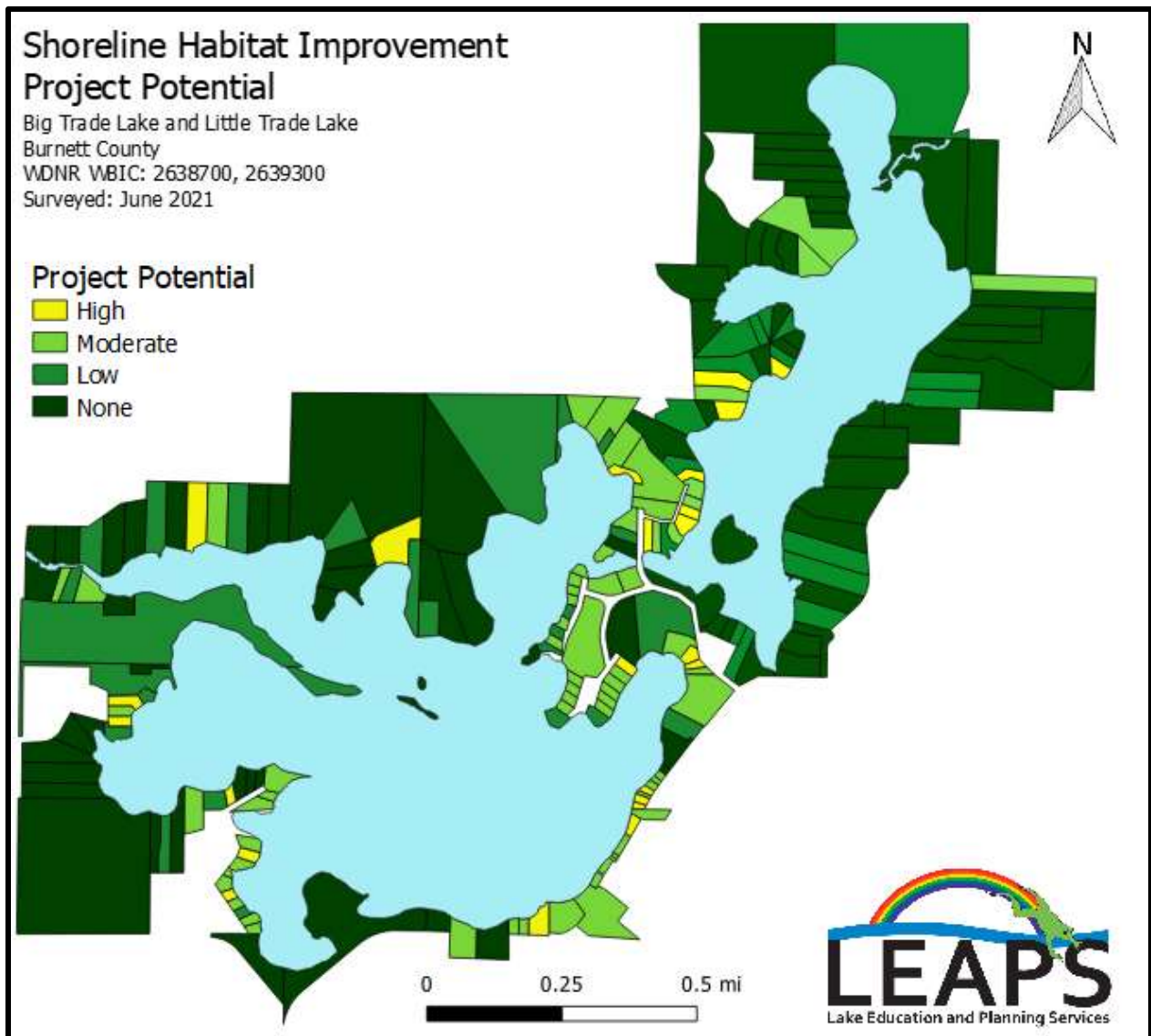
The potential rankings that accompany each parcel evaluation were developed by LEAPS in order to determine the needs of each lake with concern to the projects that could realistically be completed on each parcel. The parameters used to determine the potential were considered to be those that would have 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 manicured lawn, impervious surfaces, and easily eroded surfaces such as exposed soil. 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. There are value ranges assigned to each parameter which determine the parcel priority ranking (Table 1). The points are then summed and the properties sorted based on the point range for the entire lake (Table 2; Figure 1).

**Table 1: Values for point assignments of each parameter.**

Parameter	2 Points	1 Point	0 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)

**Table 2: Score ranges and project potential rankings for parcels surrounding Big Trade Lake and Little Trade Lake.**

Project Potential	Overall Score	Big Trade	Little Trade
High	8-10 Points	15	6
Moderate	5-7 Points	56	8
Low	2-4 Points	36	18
No Concern	0-1 Points	39	41



**Figure 1. Lake-wide shoreline habitat assessment results for Big and Little Trade.**

## Healthy Lakes Initiative Management Projects

The Healthy Lakes Initiative is a WDNR program meant to provide information and grant funding for small scale projects designed to help individual property owners improve both shoreline habitat and lake health. The grants available for these projects are intended for fairly small, inexpensive projects, so there is \$1000 limit in grant funding per project. The projects that qualify for these grants are installing fish sticks, rain gardens, native plantings, diversions, and rock infiltrations. Many of the high and moderate potential properties would benefit from these projects because they provide habitat for fish and wildlife, offer protection from shoreline erosion, and help improve the overall quality of the lake.

**Fish sticks** (Figure 2) installs trees across the shoreline and into the water to mimic naturally fallen trees that provide habitat for fish and other wildlife as well as protection from shoreline erosion. The trees are secured to the shore with cables for approximately 3 years. Fish sticks project costs range anywhere from \$100 to \$1000, averaging about \$500. These are very low maintenance because the only upkeep is occasionally checking that the cables are secure. This practice would work well for almost any of the undeveloped parcels or portions of parcels on the lakes.



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

**Rain gardens** (Figure 3) are meant to capture runoff and naturally filter the water with plants and appropriate soils instead of flowing directly into the lake. Rain gardens are designed to allow the rainwater to soak into the ground within 1-2 days. The project costs for rain gardens range anywhere from \$500 to \$9,500, but this is highly 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 completed rain garden (right)**



**Native plantings** (Figure 4) are intended to establish a buffer zone between the developed portion of a parcel and the lake to help filter and slow rainwater runoff. 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 watering 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.



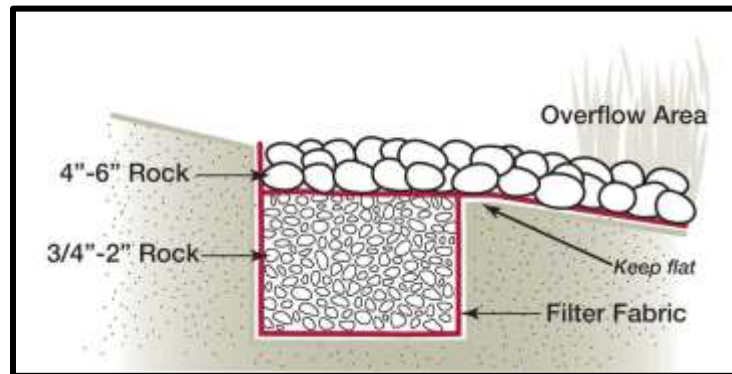
**Figure 4: Completed native planting (Photo from HealthyLakesWI.com)**

**Diversions** (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** (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 no more than five feet deep 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 buildings in the riparian zone where rain water comes from gutters or runs off the roof.



**Figure 6: Rock infiltration design**



### Example Parcels (Not from the Trade Lakes)

These parcels are simply meant to give property owners an idea of property owners who are able to make the most of their lakefront property while still having very little negative impact on the lake itself.



**Figure 7: Developed Parcels with a "No Potential" Ranking**

The properties shown in Figure 7 have been assessed with the same protocol as the properties surrounding Big and Little Trade and have received potential rankings of 'No Potential.' In each parcel, the majority of the land within the riparian zone is comprised of undisturbed, native vegetation. The parcels that are level have some manicured lawn within that zone, but this is treated more like a well-maintained trail. For parcels with a steep slope, having a trail or stairway down to the lake while leaving the rest of the area as native vegetation works best. Not only is this the most lake-friendly approach, but the maintenance and general upkeep of this area becomes much safer, easier, and cost effective.

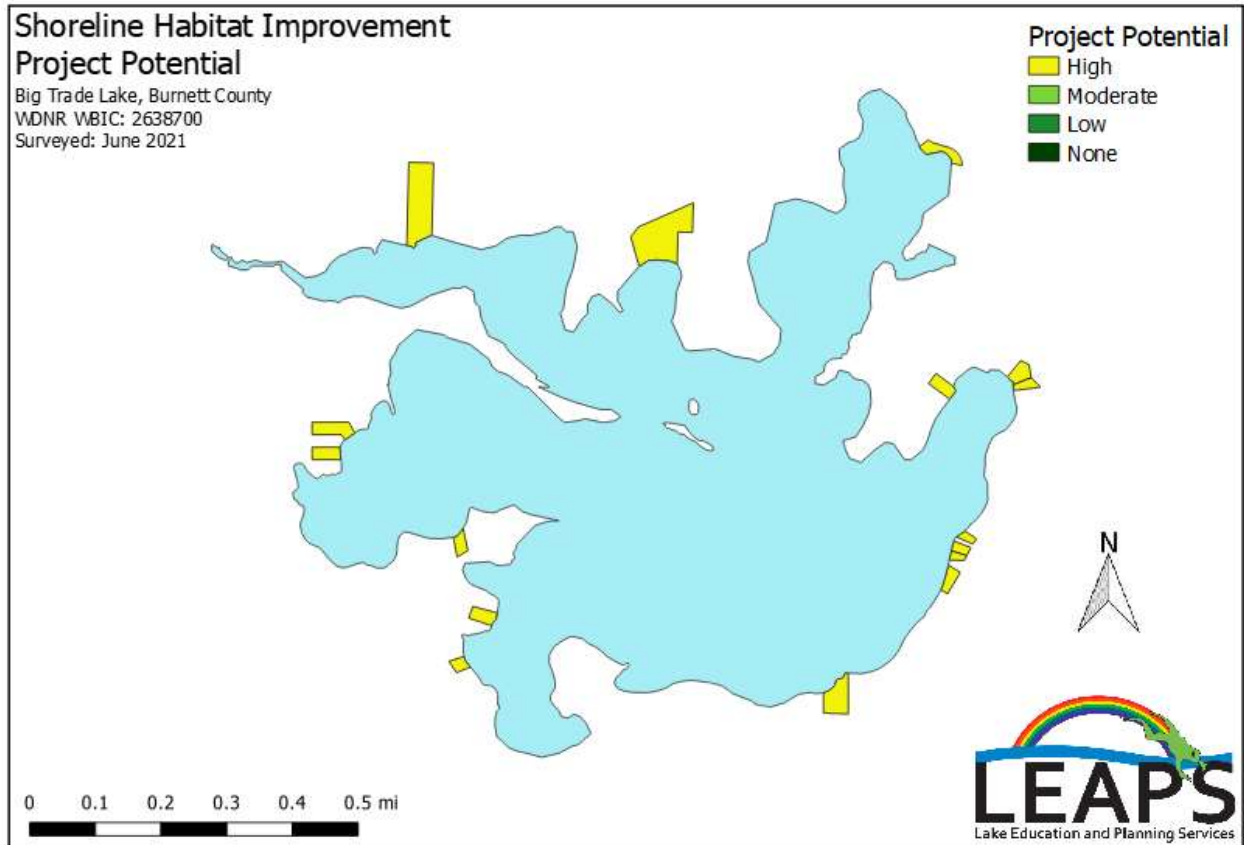
## **Parcel Potential Assessment**

The following pages are the summarized evaluations of each parcel in Big and Little Trade that was found to have high or moderate project potential. These assessments include the values used to determine the overall score as well as a photograph, and management recommendations based on Healthy Lakes Initiative projects. Photos are intended to provide reference for individual property owners and have been matched to the correct properties to the best of our ability. 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 entire 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 from the shoreline 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.

# Big Trade Lake

## High Potential Parcels

07-034-2-37-18-28-5 05-002-020000
07-034-2-37-18-28-5 05-002-022000
07-034-2-37-18-28-5 05-003-016100
07-034-2-37-18-29-5 05-002-014000
07-034-2-37-18-29-5 15-718-014000
07-034-2-37-18-29-5 15-718-027000
07-034-2-37-18-20-5 05-003-013000
07-034-2-37-18-20-5 05-004-014000
07-034-2-37-18-21-5 05-003-016000
07-034-2-37-18-21-5 05-004-028000
07-034-2-37-18-28-5 15-587-022000
07-034-2-37-18-29-5 05-002-015000
07-034-2-37-18-29-5 05-006-011001
07-034-2-37-18-29-5 15-718-018000
07-034-2-37-18-21-5 05-004-027000



Parcel Number: 07-034-2-37-18-28-5 05-002-020000

Total Score: 9

Potential: High

Parameter	Property value	Point value
Percent canopy cover	20	2
Percent shrub and herbaceous (undisturbed)	5	2
Percent lawn, impervious, and other surfaces	95	2
Number of buildings and other human structures	2	2
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:**

Increase canopy cover and reduce lawn with native plantings. Do not mow right up to the shoreline and leave a buffer strip of vegetation before the water.



Parcel Number: 07-034-2-37-18-28-5 05-002-022000

Total Score: 9

Potential: High

Parameter	Property value	Point value
Percent canopy cover	10	2
Percent shrub and herbaceous (undisturbed)	5	2
Percent lawn, impervious, and other surfaces	95	2
Number of buildings and other human structures	2	2
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:**

Increase canopy cover and reduce lawn with native plantings. Do not mow right up to the shoreline and leave a buffer strip of vegetation before the water.



Parcel Number: 07-034-2-37-18-28-5 05-003-016100

Total Score: 9

Potential: High

Parameter	Property value	Point value
Percent canopy cover	30	2
Percent shrub and herbaceous (undisturbed)	5	2
Percent lawn, impervious, and other surfaces	95	2
Number of buildings and other human structures	2	2
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:**

Increase canopy cover and reduce lawn with native plantings. Increase buffer strip of vegetation before the water.





Parcel Number: 07-034-2-37-18-29-5 05-002-014000

Total Score: 9

Potential: 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	3	2
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:**

Increase canopy cover and reduce lawn with native plantings. Increase buffer strip of vegetation before the water to capture run off from sloping lawn.



Parcel Number: 07-034-2-37-18-29-5 15-718-015000

Total Score: 9

Potential: 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	2	2
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:**

Increase canopy cover and reduce lawn with native plantings. Install buffer strip of vegetation before the water to capture run off, and do not mow to the water's edge.



Parcel Number: 07-034-2-37-18-29-5 15-718-027000

Total Score: 9

Potential: High

Parameter	Property value	Point value
Percent canopy cover	20	2
Percent shrub and herbaceous (undisturbed)	10	2
Percent lawn, impervious, and other surfaces	90	2
Number of buildings and other human structures	3	2
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:**

Increase canopy cover and reduce lawn with native plantings. Install buffer strip of vegetation before the water to capture run off from sloping lawn. Add rain garden to capture run off.



Parcel Number: 07-034-2-37-18-20-5 05-003-013000

Total Score: 8

Potential: 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	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:**

Increase canopy cover and reduce lawn with native plantings. Install buffer strip of vegetation before the water to capture run off from sloping lawn.



Parcel Number: 07-034-2-37-18-20-5 05-004-014000

Total Score: 8

Potential: High

Parameter	Property value	Point value
Percent canopy cover	25	2
Percent shrub and herbaceous (undisturbed)	5	2
Percent lawn, impervious, and other surfaces	95	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:**

Increase canopy cover and reduce lawn with native plantings. Install buffer strip of vegetation before the water to capture run off from sloping lawn.





Parcel Number: 07-034-2-37-18-21-5 05-003-016000

Total Score: 8

Potential: High

Parameter	Property value	Point value
Percent canopy cover	40	1
Percent shrub and herbaceous (undisturbed)	15	2
Percent lawn, impervious, and other surfaces	85	2
Number of buildings and other human structures	4	2
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:**

Increase canopy cover and reduce lawn with native plantings. Install buffer strip of vegetation before the water to capture run off from sloping lawn. Do not mow to the water's edge.





Parcel Number: 07-034-2-37-18-21-5 05-004-028000

Total Score: 8

Potential: High

Parameter	Property value	Point value
Percent canopy cover	20	2
Percent shrub and herbaceous (undisturbed)	0	2
Percent lawn, impervious, and other surfaces	100	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:**

Increase canopy cover and reduce lawn with native plantings. Install buffer strip of vegetation before the water to capture run off from sloping lawn. Do not mow to the water's edge.



Parcel Number: 07-034-2-37-18-28-5 15-587-022000

Total Score: 8

Potential: High

Parameter	Property value	Point value
Percent canopy cover	20	2
Percent shrub and herbaceous (undisturbed)	0	2
Percent lawn, impervious, and other surfaces	100	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:**

Increase canopy cover and reduce lawn with native plantings. Install buffer strip of vegetation before the water to capture run off from sloping lawn. Do not mow to the water's edge.



Parcel Number: 07-034-2-37-18-29-5 05-002-015000

Total Score: 8

Potential: High

Parameter	Property value	Point value
Percent canopy cover	20	2
Percent shrub and herbaceous (undisturbed)	0	2
Percent lawn, impervious, and other surfaces	100	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:**

Increase canopy cover and reduce lawn with native plantings. Install buffer strip of vegetation before the water to capture run off from sloping lawn. Do not mow to the water's edge.



Parcel Number: 07-034-2-37-18-29-5 05-006-011001

Total Score: 8

Potential: High

Parameter	Property value	Point value
Percent canopy cover	20	2
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:**

Increase canopy cover and reduce lawn with native plantings. Install rain gardens to capture runoff.



Parcel Number: 07-034-2-37-18-29-5 15-718-018000

Total Score: 8

Potential: High

Parameter	Property value	Point value
Percent canopy cover	5	2
Percent shrub and herbaceous (undisturbed)	5	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:**

Increase canopy cover and reduce lawn with native plantings. Install rain gardens to capture runoff. Do not mow to the water's edge – install native plantings as a buffer strip.





Parcel Number: 07-034-2-37-18-21-5 05-004-027000

Total Score: 8

Potential: High

Parameter	Property value	Point value
Percent canopy cover	30	2
Percent shrub and herbaceous (undisturbed)	0	2
Percent lawn, impervious, and other surfaces	100	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:**

Reduce lawn with native plantings and do not mow to the water's edge. Increase canopy cover by planting native tree and shrub species.

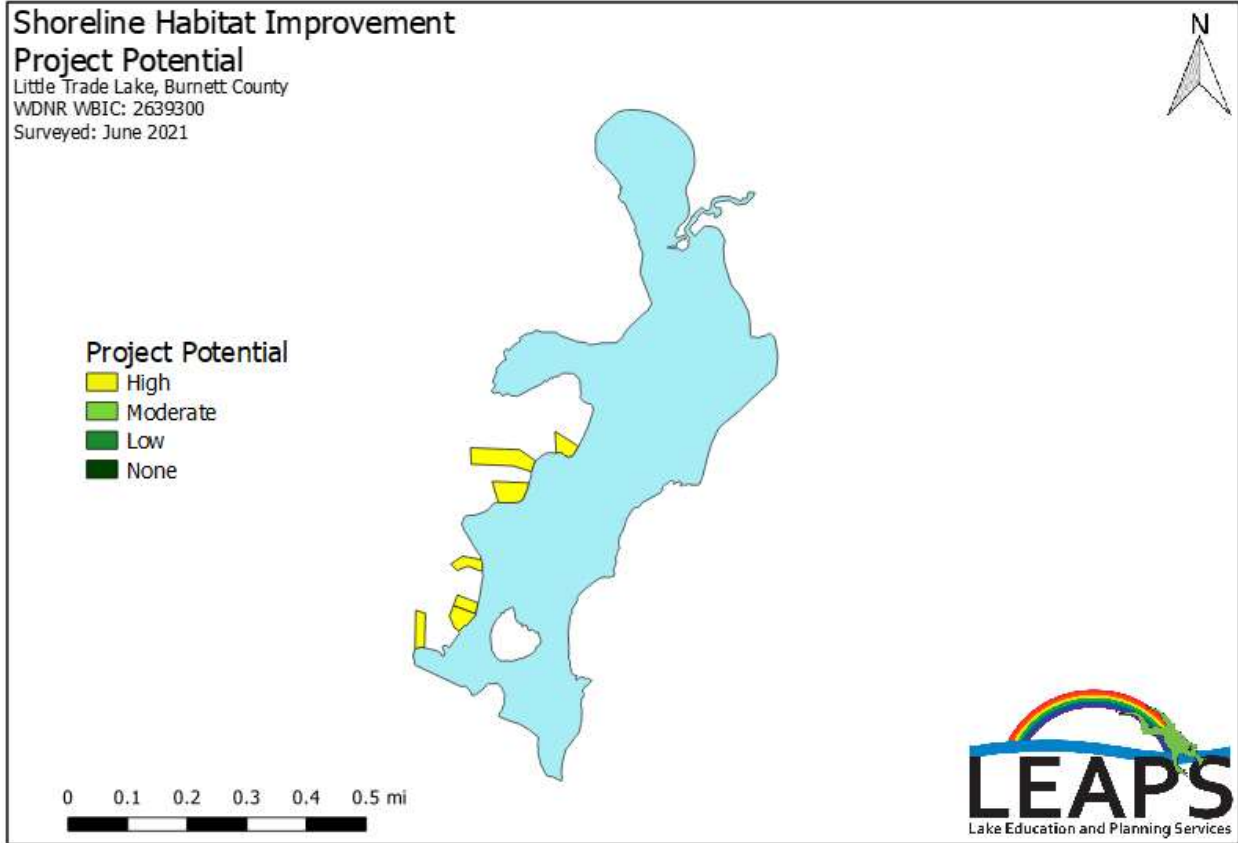




## **Little Trade Lake**

### **High Potential Parcels**

07-034-2-37-18-21-5 05-002-016000
07-034-2-37-18-21-5 05-002-013000
07-034-2-37-18-21-5 05-003-023000
07-034-2-37-18-21-5 05-003-028000
07-034-2-37-18-21-5 05-003-031000
07-034-2-37-18-21-5 05-003-027100
07-034-2-37-18-21-5 05-003-036000



Parcel Number: 07-034-2-37-18-21-5 05-002-016000

Total Score: 9

Potential: High

Parameter	Property value	Point value
Percent canopy cover	10	2
Percent shrub and herbaceous (undisturbed)	5	2
Percent lawn, impervious, and other surfaces	95	2
Number of buildings and other human structures	2	2
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:**

Increase canopy cover and reduce lawn with native plantings. Install rain gardens to capture runoff. Do not mow to the water's edge – install native plantings as a buffer strip.



Parcel Number: 07-034-2-37-18-21-5 05-002-013000

Total Score: 8

Potential: High

Parameter	Property value	Point value
Percent canopy cover	40	1
Percent shrub and herbaceous (undisturbed)	5	2
Percent lawn, impervious, and other surfaces	95	2
Number of buildings and other human structures	3	2
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:**

Increase canopy cover and reduce lawn with native plantings. Install rain gardens to capture runoff. Do not mow to the water's edge – install native plantings as a buffer strip.



Parcel Number: 07-034-2-37-18-21-5 05-003-023000

Total Score: 8

Potential: High

Parameter	Property value	Point value
Percent canopy cover	10	2
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:**

Increase canopy cover and reduce lawn with native plantings. Install rain gardens to capture runoff.



Parcel Number: 07-034-2-37-18-21-5 05-003-028000

Total Score: 8

Potential: High

Parameter	Property value	Point value
Percent canopy cover	40	1
Percent shrub and herbaceous (undisturbed)	20	2
Percent lawn, impervious, and other surfaces	80	2

Number of buildings and other human structures	3	2
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:**

Increase canopy cover and reduce lawn with native plantings. Install rain gardens to capture runoff.



Parcel Number: 07-034-2-37-18-21-5 05-003-031000

Total Score: 8

Potential: High

Parameter	Property value	Point value
Percent canopy cover	40	1
Percent shrub and herbaceous (undisturbed)	0	2
Percent lawn, impervious, and other surfaces	100	2



Number of buildings and other human structures	3	2
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:**

Increase canopy cover and reduce lawn with native plantings. Install rain gardens to capture runoff. Do not mow to the water's edge, and install a buffer strip of native vegetation to capture runoff.



Parcel Number: 07-034-2-37-18-21-5 05-003-027100

Total Score: 8

Potential: High

Parameter	Property value	Point value
Percent canopy cover	40	1
Percent shrub and herbaceous (undisturbed)	0	2
Percent lawn, impervious, and other surfaces	100	2

Number of buildings and other human structures	3	2
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:**

Increase canopy cover and reduce lawn with native plantings. Install rain gardens to capture runoff. Do not mow to the water's edge, and install a buffer strip of native vegetation to capture runoff.



Parcel Number: 07-034-2-37-18-21-5 05-003-036000

Total Score: 8

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	25	2
Percent shrub and herbaceous (undisturbed)	20	2

Percent lawn, impervious, and other surfaces	80	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 rain gardens to capture runoff and plant native vegetation to reduce the amount of lawn. Do not mow to the edge of the water and plant a buffer strip of native vegetation for shoreline stabilization and habitat.



**Big Trade Lake**

**Moderate Potential Parcels**

07-034-2-37-18-20-5 05-004-015000	07-034-2-37-18-21-5 05-004-015000
07-034-2-37-18-20-5 05-005-019000	07-034-2-37-18-21-5 05-004-018000
07-034-2-37-18-21-5 05-003-017000	07-034-2-37-18-21-5 05-004-026110
07-034-2-37-18-21-5 05-004-011000	07-034-2-37-18-21-5 05-004-029000
07-034-2-37-18-21-5 05-004-022000	07-034-2-37-18-28-5 05-003-014000
07-034-2-37-18-28-5 05-002-013100	07-034-2-37-18-28-5 05-003-017000

07-034-2-37-18-28-5 05-002-017001	07-034-2-37-18-28-5 15-587-012000
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07-034-2-37-18-28-5 15-587-018000	07-034-2-37-18-28-5 15-587-022000
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07-034-2-37-18-29-5 15-718-011000	07-034-2-37-18-21-5 05-003-020000
07-034-2-37-18-29-5 15-718-013000	07-034-2-37-18-21-5 05-004-012000
07-034-2-37-18-29-5 15-718-015000	07-034-2-37-18-21-5 05-004-016000
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07-034-2-37-18-29-5 15-718-019000	07-034-2-37-18-28-5 05-003-018000
07-034-2-37-18-29-5 15-718-021000	07-034-2-37-18-28-5 05-003-019000
07-034-2-37-18-29-5 15-718-022000	07-034-2-37-18-28-5 05-003-025000
07-034-2-37-18-20-5 05-005-017000	07-034-2-37-18-28-5 15-587-011000
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07-034-2-37-18-21-5 05-003-018000	07-034-2-37-18-29-5 05-006-015000
07-034-2-37-18-21-5 05-004-013000	07-034-2-37-18-29-5 15-718-020000
07-034-2-37-18-21-5 05-004-014000	07-034-2-37-18-29-5 15-718-027000

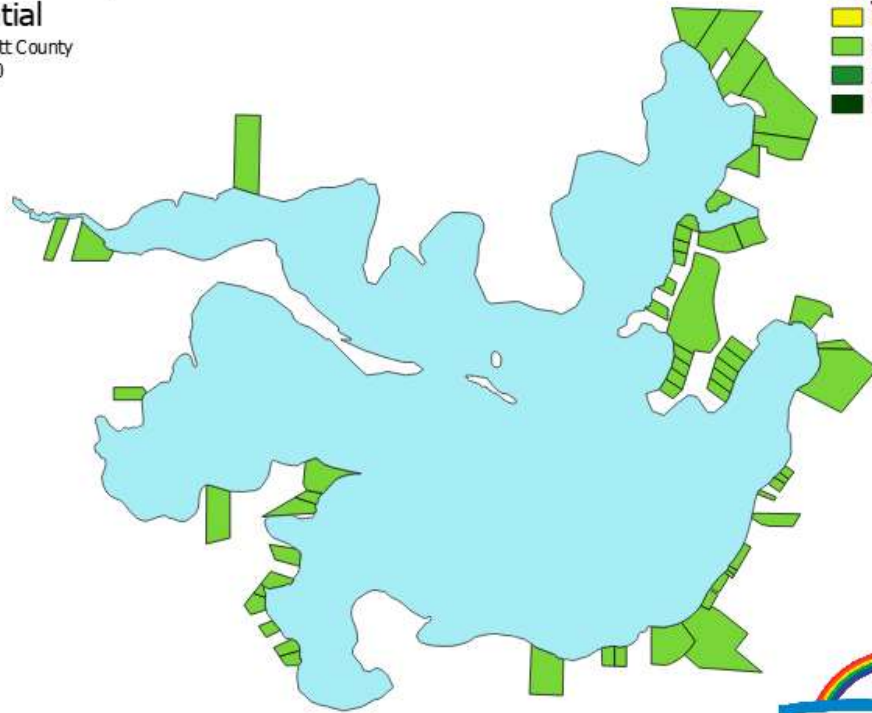
# Shoreline Habitat Improvement

## Project Potential

Big Trade Lake, Burnett County  
VDNR WBIC: 2638700  
Surveyed: June 2021

### Project Potential

- High
- Moderate
- Low
- None



Parcel Number: 07-034-2-37-18-20-5 05-004-015000

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	95	0
Percent shrub and herbaceous (undisturbed)	5	2
Percent lawn, impervious, and other surfaces	95	2
Number of buildings and other human structures	2	2
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:**

Reduce lawn with native plantings and do not mow to the water's edge. Install rain gardens and a buffer strip of native vegetation to capture runoff.





Parcel Number: 07-034-2-37-18-20-5 05-005-019000

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	70	0
Percent shrub and herbaceous (undisturbed)	10	2
Percent lawn, impervious, and other surfaces	90	2
Number of buildings and other human structures	2	2
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:**

Reduce lawn with native plantings. Install rain gardens and a buffer strip of native vegetation to capture runoff.



Parcel Number: 07-034-2-37-18-21-5 05-003-017000

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	0	2
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:**

Reduce lawn with native plantings and do not mow to the water's edge. Install a buffer strip of native vegetation to capture runoff.



Parcel Number: 07-034-2-37-18-21-5 05-004-011000

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	0	2
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:**

Reduce lawn with native plantings and do not mow to the water's edge. Install a buffer strip of native vegetation and rain gardens to capture runoff.



Parcel Number: 07-034-2-37-18-21-5 05-004-022000

Total Score: 7

Potential: Moderate

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	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Reduce lawn with native plantings and do not mow to the water's edge. Increase canopy cover by planting native tree and shrub species.



Parcel Number: 07-034-2-37-18-28-5 05-002-013100

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	30	2
Percent shrub and herbaceous (undisturbed)	60	1
Percent lawn, impervious, and other surfaces	40	1
Number of buildings and other human structures	2	2
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:**

Reduce lawn with native plantings. Increase canopy cover by planting native tree and shrub species.



Parcel Number: 07-034-2-37-18-28-5 05-002-017001

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	10	2
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:**

Reduce lawn with native plantings and do not mow to the water's edge. Increase canopy cover by planting native tree and shrub species. Replace riprap with native vegetation and reduce steep slope.





Parcel Number: 07-034-2-37-18-28-5 05-002-018100

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	10	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	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Reduce lawn with native plantings and do not mow to the water's edge. Increase canopy cover by planting native tree and shrub species.



Parcel Number: 07-034-2-37-18-28-5 05-002-019000

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	20	2
Percent shrub and herbaceous (undisturbed)	5	2
Percent lawn, impervious, and other surfaces	95	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:**

Reduce lawn with native plantings and do not mow to the water's edge. Increase canopy cover by planting native tree and shrub species.



Parcel Number: 07-034-2-37-18-28-5 05-002-021000

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	20	2
Percent shrub and herbaceous (undisturbed)	0	2
Percent lawn, impervious, and other surfaces	100	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:**

Reduce lawn with native plantings and do not mow to the water's edge. Increase canopy cover by planting native tree and shrub species. Replace rip rap with native plant species that prevent erosion and reduce slope of shore.



Parcel Number: 07-034-2-37-18-28-5 05-002-023000

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	40	1
Percent shrub and herbaceous (undisturbed)	20	2
Percent lawn, impervious, and other surfaces	80	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:**

Reduce lawn with native plantings and increase buffer strip. Increase canopy cover by planting native tree and shrub species.



Parcel Number: 07-034-2-37-18-28-5 15-587-018000

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	60	1
Percent shrub and herbaceous (undisturbed)	0	2
Percent lawn, impervious, and other surfaces	100	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:**

Reduce lawn with native plantings and do not mow to the water's edge. Increase canopy cover by planting native tree and shrub species. Replace rip rap with native vegetation designed to prevent erosion.





Parcel Number: 07-034-2-37-18-28-5 15-587-019000

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	80	0
Percent shrub and herbaceous (undisturbed)	5	2
Percent lawn, impervious, and other surfaces	95	2
Number of buildings and other human structures	2	2
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:**

Reduce lawn with native plantings and do not mow to the water's edge. Increase canopy cover by planting native tree and shrub species. Replace rip rap with native vegetation designed to prevent erosion.





Parcel Number: 07-034-2-37-18-29-5 05-002-014000

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	30	2
Percent shrub and herbaceous (undisturbed)	0	2
Percent lawn, impervious, and other surfaces	100	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:**

Reduce lawn with native plantings, do not mow to the water's edge, and install buffer strip of native vegetation along shoreline. Increase canopy cover by planting native tree and shrub species. Replace rip rap with native vegetation designed to prevent erosion.



Parcel Number: 07-034-2-37-18-29-5 05-004-011000

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	50	1
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	1	1
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Reduce lawn with native plantings, do not mow to the water's edge, and install buffer strip of native vegetation along shoreline. Increase canopy cover by planting native tree and shrub species.



Parcel Number: 07-034-2-37-18-29-5 15-718-011000

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	20	2
Percent shrub and herbaceous (undisturbed)	5	2
Percent lawn, impervious, and other surfaces	95	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:**

Reduce lawn with native plantings, do not mow to the water's edge, and install buffer strip of native vegetation along shoreline. Increase canopy cover by planting native tree and shrub species.



Parcel Number: 07-034-2-37-18-29-5 15-718-013000

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	10	2
Percent shrub and herbaceous (undisturbed)	5	2
Percent lawn, impervious, and other surfaces	95	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:**

Reduce lawn with native plantings, do not mow to the water's edge, and install buffer strip of native vegetation along shoreline. Increase canopy cover by planting native tree and shrub species.



Parcel Number: 07-034-2-37-18-29-5 15-718-015000

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	5	2
Percent shrub and herbaceous (undisturbed)	0	2
Percent lawn, impervious, and other surfaces	100	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:**

Reduce lawn with native plantings, do not mow to the water's edge, and install buffer strip of native vegetation along shoreline. Increase canopy cover by planting native tree and shrub species.





Parcel Number: 07-034-2-37-18-29-5 15-718-016000

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	5	2
Percent shrub and herbaceous (undisturbed)	5	2
Percent lawn, impervious, and other surfaces	95	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:**

Reduce lawn with native plantings, do not mow to the water's edge, and install buffer strip of native vegetation along shoreline. Increase canopy cover by planting native tree and shrub species. Replace rip rap with native plant species designed to prevent erosion.





Parcel Number: 07-034-2-37-18-29-5 15-718-017000

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	0	2
Percent shrub and herbaceous (undisturbed)	5	2
Percent lawn, impervious, and other surfaces	95	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:**

Reduce lawn with native plantings, do not mow to the water's edge, and install buffer strip of native vegetation along shoreline. Increase canopy cover by planting native tree and shrub species.



Parcel Number: 07-034-2-37-18-29-5 15-718-019000

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	10	2
Percent shrub and herbaceous (undisturbed)	5	2
Percent lawn, impervious, and other surfaces	95	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:**

Reduce lawn with native plantings, do not mow to the water's edge, and install buffer strip of native vegetation along shoreline. Increase canopy cover by planting native tree and shrub species.



Parcel Number: 07-034-2-37-18-29-5 15-718-021000

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	50	1
Percent shrub and herbaceous (undisturbed)	5	2
Percent lawn, impervious, and other surfaces	95	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:**

Reduce lawn with native plantings, do not mow to the water's edge, and install buffer strip of native vegetation along shoreline. Increase canopy cover by planting native tree and shrub species. Replace riprap with native plants designed to prevent erosion.



Parcel Number: 07-034-2-37-18-29-5 15-718-022000

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	40	1
Percent shrub and herbaceous (undisturbed)	20	2
Percent lawn, impervious, and other surfaces	80	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:**

Reduce lawn with native plantings, do not mow to the water's edge, and install buffer strip of native vegetation along shoreline. Install rain gardens to capture runoff. Increase canopy cover by planting native tree and shrub species.



Parcel Number: 07-034-2-37-18-20-5 05-005-017000

Total Score: 6

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	80	0
Percent shrub and herbaceous (undisturbed)	25	2
Percent lawn, impervious, and other surfaces	75	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:**

Reduce lawn with native plantings and do not mow to the water's edge. Install rain gardens to capture runoff. Increase canopy cover by planting native tree and shrub species.





Parcel Number: 07-034-2-37-18-21-5 05-003-012000

Total Score: 6

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	50	1
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	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Reduce lawn with native plantings and install rain gardens to capture runoff.





Parcel Number: 07-034-2-37-18-21-5 05-003-018000

Total Score: 6

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	60	1
Percent shrub and herbaceous (undisturbed)	5	2
Percent lawn, impervious, and other surfaces	95	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:**

Reduce lawn with native plantings and install rain gardens to capture runoff.



Parcel Number: 07-034-2-37-18-21-5 05-004-013000

Total Score: 6

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	80	0
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	1	1
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Reduce lawn with native plantings and install rain gardens to capture runoff.



Parcel Number: 07-034-2-37-18-21-5 05-004-014000

Total Score: 6

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	70	0
Percent shrub and herbaceous (undisturbed)	25	2
Percent lawn, impervious, and other surfaces	75	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:**

Reduce lawn with native plantings and install rain gardens to capture runoff. Add native vegetation to rip rap to provide additional shoreline protection.



Parcel Number: 07-034-2-37-18-21-5 05-004-015000

Total Score: 6

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	70	0
Percent shrub and herbaceous (undisturbed)	0	2
Percent lawn, impervious, and other surfaces	100	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:**

Reduce lawn with native plantings and install rain gardens to capture runoff. Do not mow grass to the edge of the water. Add native vegetation to rip rap to provide additional shoreline protection.



Parcel Number: 07-034-2-37-18-21-5 05-004-018000

Total Score: 6

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	60	1
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	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Reduce lawn with native plantings and install rain gardens to capture runoff. Do not mow grass to the edge of the water. Add native vegetation to rip rap to provide additional shoreline protection.





Parcel Number: 07-034-2-37-18-21-5 05-004-026110

Total Score: 6

Potential: Moderate

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	0	0
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Reduce lawn with native plantings and install rain gardens to capture runoff. Do not mow grass to the edge of the water. Plant additional native trees and shrubs to increase canopy cover.





Parcel Number: 07-034-2-37-18-21-5 05-004-029000

Total Score: 6

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	20	2
Percent shrub and herbaceous (undisturbed)	0	2
Percent lawn, impervious, and other surfaces	100	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	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Reduce lawn with native plantings and install rain gardens to capture runoff. Do not mow grass to the edge of the water. Plant additional native trees and shrubs to increase canopy cover. Replace riprap with native vegetation and decrease slope to the water.



Parcel Number: 07-034-2-37-18-28-5 05-003-014000

Total Score: 6

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	60	1
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	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Reduce lawn with native plantings and install rain gardens to capture runoff. Plant additional native trees and shrubs to increase canopy cover.



Parcel Number: 07-034-2-37-18-28-5 05-003-017000

Total Score: 6

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	70	0
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	1	1
Presence/Absence of bare soil deposits	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Reduce lawn with native plantings and install rain gardens to capture runoff.



Parcel Number: 07-034-2-37-18-28-5 15-587-012000

Total Score: 6

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	50	1
Percent shrub and herbaceous (undisturbed)	0	2
Percent lawn, impervious, and other surfaces	100	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:**

Reduce lawn with native plantings and install rain gardens to capture runoff. Add native vegetation to riprap to help reduce shoreline erosion.



Parcel Number: 07-034-2-37-18-28-5 15-587-013000

Total Score: 6

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	50	1
Percent shrub and herbaceous (undisturbed)	0	2
Percent lawn, impervious, and other surfaces	100	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:**

Reduce lawn with native plantings of trees and shrubs and install rain gardens to capture runoff.



Parcel Number: 07-034-2-37-18-28-5 15-587-016000

Total Score: 6

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	70	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:**

Reduce lawn with native plantings of trees and shrubs and install rain gardens to capture runoff. Add native plantings to rip rap for additional shoreline protection and habitat.





Parcel Number: 07-034-2-37-18-28-5 15-587-017000

Total Score: 6

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	90	0
Percent shrub and herbaceous (undisturbed)	5	2
Percent lawn, impervious, and other surfaces	95	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:**

Reduce lawn with native plantings of trees and shrubs and install rain gardens to capture runoff. Add native plantings to rip rap for additional shoreline protection and habitat.



Parcel Number: 07-034-2-37-18-28-5 15-587-020000

Total Score: 6

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	40	1
Percent shrub and herbaceous (undisturbed)	0	2
Percent lawn, impervious, and other surfaces	100	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:**

Reduce lawn with native plantings of trees and shrubs and install rain gardens to capture runoff. Add native plantings to rip rap and in a buffer strip for additional shoreline protection and habitat.



Parcel Number: 07-034-2-37-18-28-5 15-587-022000

Total Score: 6

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	60	1
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:**

Reduce lawn with native plantings of trees and shrubs and install rain gardens to capture runoff. Add native plantings in a buffer strip for additional shoreline protection and habitat.



Parcel Number: 07-034-2-37-18-29-5 05-006-011200

Total Score: 6

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	70	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:**

Reduce lawn with native plantings of trees and shrubs and install rain gardens to capture runoff. Maintain floating vegetation for shoreline protection and habitat.



Parcel Number: 07-034-2-37-18-21-5 05-003-013000

Total Score: 5

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	0	2
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	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Plant additional trees and shrubs and install rain gardens to capture runoff. Maintain shoreline vegetation.





Parcel Number: 07-034-2-37-18-21-5 05-003-015000

Total Score: 5

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	70	0
Percent shrub and herbaceous (undisturbed)	80	0
Percent lawn, impervious, and other surfaces	20	0
Number of buildings and other human structures	2	2
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 rain gardens to capture runoff from buildings. Maintain shoreline vegetation.





Parcel Number: 07-034-2-37-18-21-5 05-003-020000

Total Score: 5

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	80	0
Percent shrub and herbaceous (undisturbed)	30	2
Percent lawn, impervious, and other surfaces	70	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 rain gardens to capture runoff, and maintain limited mowing practices. Add native vegetation to rip rap.



Parcel Number: 07-034-2-37-18-21-5 05-004-012000

Total Score: 5

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	0	2
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	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Install rain gardens to capture runoff, and maintain limited mowing practices. Plant additional tree and shrub species to increase canopy cover.



Parcel Number: 07-034-2-37-18-21-5 05-004-016000

Total Score: 5

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	75	0
Percent shrub and herbaceous (undisturbed)	5	2
Percent lawn, impervious, and other surfaces	95	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 rain gardens to capture runoff, and do not mow to the water's edge. Plant additional native shrub species to increase cover.



Parcel Number: 07-034-2-37-18-21-5 05-004-020000

Total Score: 5

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	75	0
Percent shrub and herbaceous (undisturbed)	5	2
Percent lawn, impervious, and other surfaces	95	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 rain gardens to capture runoff, and do not mow to the water's edge. Plant additional native shrub species to increase cover near the shoreline and in the existing rip rap.



Parcel Number: 07-034-2-37-18-28-5 05-003-016200

Total Score: 5

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	30	2
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	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Install rain gardens to capture runoff and plant native vegetation to reduce the amount of lawn. Maintain shoreline as is.





Parcel Number: 07-034-2-37-18-28-5 05-003-018000

Total Score: 5

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	80	0
Percent shrub and herbaceous (undisturbed)	5	2
Percent lawn, impervious, and other surfaces	95	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 rain gardens to capture runoff and plant native vegetation to reduce the amount of lawn. Add a buffer strip of native vegetation and plantings within the rip rap for additional shoreline stabilization and habitat.



Parcel Number: 07-034-2-37-18-28-5 05-003-019000

Total Score: 5

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	70	0
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	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Install rain gardens to capture runoff and plant native vegetation to reduce the amount of lawn. Maintain shoreline vegetation.



Parcel Number: 07-034-2-37-18-28-5 05-003-025000

Total Score: 5

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	30	2
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	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Install rain gardens to capture runoff and plant native vegetation to reduce the amount of lawn. Maintain shoreline and aquatic vegetation.



Parcel Number: 07-034-2-37-18-28-5 15-587-011000

Total Score: 5

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	75	0
Percent shrub and herbaceous (undisturbed)	5	2
Percent lawn, impervious, and other surfaces	95	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 rain gardens to capture runoff and plant native vegetation to reduce the amount of lawn. Add native plantings to rip rap for additional stabilization and habitat.



Parcel Number: 07-034-2-37-18-29-5 05-006-015000

Total Score: 5

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	70	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 rain gardens to capture runoff and plant native vegetation to reduce the amount of lawn. Maintain shoreline and aquatic vegetation.





Parcel Number: 07-034-2-37-18-29-5 15-718-020000

Total Score: 5

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	95	0
Percent shrub and herbaceous (undisturbed)	0	2
Percent lawn, impervious, and other surfaces	100	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 rain gardens to capture runoff and plant native vegetation to reduce the amount of lawn. Add native vegetation to rip rap for additional stabilization and habitat.



Parcel Number: 07-034-2-37-18-29-5 15-718-027000

Total Score: 5

Potential: Moderate

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	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:**

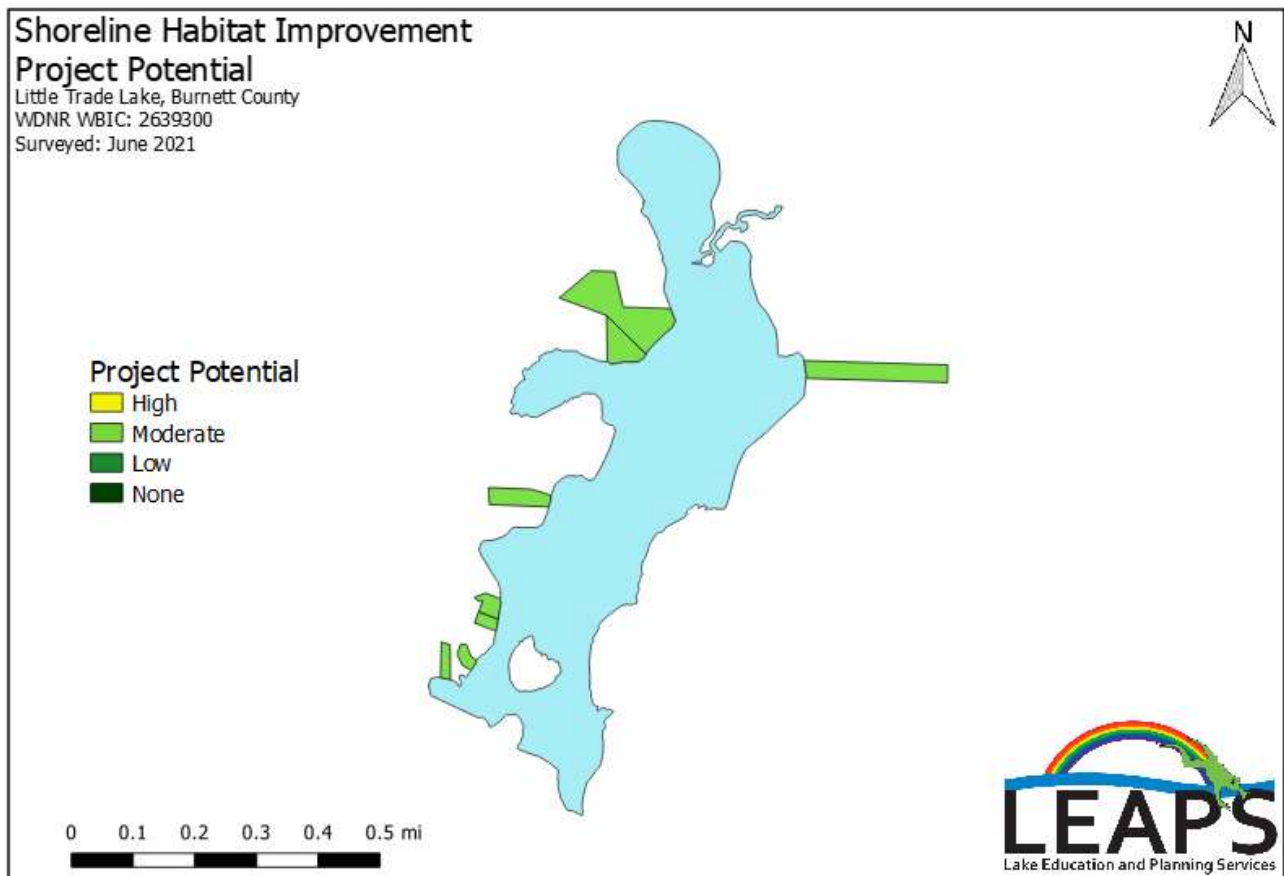
Install rain gardens to capture runoff and plant native vegetation to reduce the amount of lawn. Maintain shoreline and aquatic vegetation. Do not mow to the edge of the water.



# Little Trade Lake

## Moderate Potential Parcels

07-034-2-37-18-21-5 05-002-012000
07-034-2-37-18-21-5 05-003-024000
07-034-2-37-18-21-5 05-003-029000
07-034-2-37-18-21-5 05-003-030000
07-034-2-37-18-21-5 05-007-011800
07-034-2-37-18-21-5 05-003-026100
07-034-2-37-18-21-5 15-439-018000
07-034-2-37-18-21-5 15-439-017000



Parcel Number: 07-034-2-37-18-21-5 05-002-012000

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	15	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	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Install rain gardens to capture runoff and plant native vegetation to reduce the amount of lawn. Do not mow to the edge of the water and plant a buffer strip of native vegetation for shoreline stabilization and habitat.



Parcel Number: 07-034-2-37-18-21-5 05-003-024000

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	10	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	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Plant native vegetation to reduce the amount of lawn. Do not mow to the edge of the water and maintain shoreline and aquatic vegetation.





Parcel Number: 07-034-2-37-18-21-5 05-003-029000

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	25	2
Percent shrub and herbaceous (undisturbed)	5	2
Percent lawn, impervious, and other surfaces	95	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:**

Plant native vegetation to reduce the amount of lawn and install a rain garden to capture runoff. Do not mow to the edge of the water and plant a buffer strip of native vegetation.



Parcel Number: 07-034-2-37-18-21-5 05-003-030000

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	40	1
Percent shrub and herbaceous (undisturbed)	0	2
Percent lawn, impervious, and other surfaces	100	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:**

Plant native vegetation to reduce the amount of lawn and install a rain garden to capture runoff. Do not mow to the edge of the water and plant a buffer strip of native vegetation along the shoreline. Add native plants to the rip rap for additional stabilization and habitat.



Parcel Number: 07-034-2-37-18-21-5 05-007-011800

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	20	2
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:**

Plant native vegetation to reduce the amount of lawn and install a rain garden to capture runoff. Do not mow to the edge of the water and plant a buffer strip of native vegetation.



Parcel Number: 07-034-2-37-18-21-5 05-003-026100

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	40	1
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:**

Plant native vegetation to reduce the amount of lawn and install a rain garden to capture runoff. Do not mow to the edge of the water and plant a buffer strip of native vegetation along the shoreline. Add native plants to the rip rap for additional stabilization and habitat.



Parcel Number: 07-034-2-37-18-21-5 15-439-018000

Total Score: 7

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	5	2
Percent shrub and herbaceous (undisturbed)	5	2
Percent lawn, impervious, and other surfaces	95	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:**

Plant native vegetation to reduce the amount of lawn and install one or more rain gardens to capture runoff. Do not mow to the edge of the water and plant a buffer strip of native vegetation along the shoreline.





Parcel Number: 07-034-2-37-18-21-5 15-439-017000

Total Score: 6

Potential: Moderate

Parameter	Property value	Point value
Percent canopy cover	5	2
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	0	0
Presence/Absence of sand deposits	0	0

**Management Recommendations:**

Plant native vegetation to reduce the amount of lawn and install one or more rain gardens to capture runoff. Do not mow to the edge of the water and maintain buffer strip of native vegetation along the shoreline.



## Index of Parcel Numbers and Owners

### Big Trade

PARCELID	OWNERNAME1	OWNERNAME2
07-034-2-37-18-20-5 05-004-012000	THOMAS W & CAROL A MOORE REV TRUST	
07-034-2-37-18-20-5 05-004-013000	DE FILIPPIS TRUST	
07-034-2-37-18-20-5 05-004-014000	DON & DIANE LEHN	
07-034-2-37-18-20-5 05-004-015000	GREG & MICHELLE NICHOLE HERR	
07-034-2-37-18-20-5 05-004-016000	PAUL D JR & KIT F LAMMERT FAMILY TRUST	
07-034-2-37-18-20-5 05-004-017000	PAUL DREW	
07-034-2-37-18-20-5 05-004-018000	DAVID J SWENSON	
07-034-2-37-18-20-5 05-005-021000	MARIANNE M WILLIAMS REV TRUST	
07-034-2-37-18-20-5 05-005-019000	ERVIN AND DENISE LESAK JR	
07-034-2-37-18-20-5 05-005-018000	GERALD W & JANICE C THOMPSON	
07-034-2-37-18-20-5 05-005-017000	GERALD W & JANICE C THOMPSON	
07-034-2-37-18-20-5 05-005-020000	STATE OF WISCONSIN	
07-034-2-37-18-20-5 05-005-011000	TODD & LUCINDA ETHEN	
07-034-2-37-18-20-5 05-005-012000	BURNETT COUNTY	
07-034-2-37-18-20-5 05-005-013000	KATHLEEN T HAMER TRUST	
07-034-2-37-18-20-5 05-005-014000	DEBORAH JENSEN	
07-034-2-37-18-20-5 05-005-015000	MICHAEL L & PATRICIA M GRAVES	
07-034-2-37-18-20-5 05-005-016000	DANIEL & MICHELLE WALTENS	
07-034-2-37-18-20-5 05-002-011000	DOUGLAS PEARSON	
07-034-2-37-18-20-5 05-002-012000	CAROLYN J MELIN RISBERG	JULIE M PEPER
07-034-2-37-18-20-5 05-002-013000	GREGG & TERESA EASTIN	
07-034-2-37-18-20-5 05-002-013100	ROBERT & MARGARET BERRY	
07-034-2-37-18-20-5 05-002-014000	BRUCE D ERICKSON	DENNIS F ERICKSON
07-034-2-37-18-20-5 05-003-011000	WESLEY & GLORIA PETERSEN	
07-034-2-37-18-20-5 05-003-016000	A REID MCFARLANE & ANNDREA M BENSON CABIN TRUST	
07-034-2-37-18-20-5 05-003-015000	RONALD C BOYDEN TRUST DTD JUNE 12 2014	
07-034-2-37-18-20-5 05-003-014000	JAMES A & MELLISA S SAWIN	
07-034-2-37-18-20-5 05-003-013000	JACOB J & ANGELA M KOSEC	
07-034-2-37-18-20-5 05-003-012000	GARY KIRBY BERGQUIST	
07-034-2-37-18-20-5 05-003-017000	TERRY GEORGE GAETKE	
07-034-2-37-18-20-5 05-001-011000	SCOTT KANE LIVING TRUST DTD JAN 10 2012	
07-034-2-37-18-21-5 05-003-011000	TIMOTHY EUGENE BRIGGS	
07-034-2-37-18-21-5 05-003-013000	LEITTA & KEITH A BURKET	
07-034-2-37-18-21-5 05-003-012000	LOREN G & SALLY J STAHMER	
07-034-2-37-18-21-5 05-003-020000	CLAYTON & MARY KATHRYN BLEKEBERG - LIFE ESTATE	DANIEL BLEKEBERG
07-034-2-37-18-21-5 05-003-022000	MERLYN T MARONEY - LIFE ESTATE	JANET L FAVORITE
07-034-2-37-18-21-5 05-003-021000	SUSAN RAE MACK	SIGNE RAE GIESE

07-034-2-37-18-21-5 05-003-019000	KATHLEEN A PETERS	
07-034-2-37-18-21-5 05-003-017000	MARK & KATHERINE LOOMIS	
07-034-2-37-18-21-5 05-003-018000	RANDALL R WAGNER	
07-034-2-37-18-21-5 05-003-016000	KAREN K MOHS	
07-034-2-37-18-21-5 05-003-015000	MICHAEL K BROWN	TIMOTHY S BROWN
07-034-2-37-18-21-5 05-003-014000	KEVIN FOSSUM	
07-034-2-37-18-21-5 05-004-022000	JOHN HOSCH	
07-034-2-37-18-21-5 05-004-017000	JOHN ROMANOWSKI	
07-034-2-37-18-21-5 05-004-011000	BENJAMIN J III & SHELLEY REHAK	
07-034-2-37-18-21-5 05-004-012000	RICHARD & LEIGH ANNE PRICE	
07-034-2-37-18-21-5 05-004-023000	CHARLES SLATER REVOCABLE TRUST	
07-034-2-37-18-21-5 05-004-020000	GEORGE J HOSCH	
07-034-2-37-18-21-5 05-004-019000	DUANE D MULCAHY	
07-034-2-37-18-21-5 05-004-018000	JOHN ROMANOWSKI	
07-034-2-37-18-21-5 05-004-016000	KENT & CAROLYN VAN HOE	
07-034-2-37-18-21-5 05-004-015000	ANTHONY A INDOVINA JR	CARA J INDOVINA
07-034-2-37-18-21-5 05-004-014000	MICHAEL P O"CONNELL	CARLA M O"CONNELL
07-034-2-37-18-21-5 05-004-013000	BRENT D & KATHLEEN L RUNDQUIST	
07-034-2-37-18-21-5 05-004-024000	CHARLES SLATER REVOCABLE TRUST	
07-034-2-37-18-21-5 05-004-027000	KENNETH E & HERMINE H MURPHY TRUST AGREE	
07-034-2-37-18-21-5 05-004-028000	GERALD & CHRISTINE GOULD	
07-034-2-37-18-21-5 05-004-029000	GLEN WESTON & ALISHA NICOLE PERKINS	
07-034-2-37-18-28-5 05-002-013100	ROBERT L DIETRICH	
07-034-2-37-18-28-5 05-002-014000	RODGER & CHRISTINE VIEAU	
07-034-2-37-18-28-5 05-002-015000	BRUCE A JOHNSON	
07-034-2-37-18-28-5 05-002-016000	ROGER L ALBERTSON	
07-034-2-37-18-28-5 05-002-019000	EDWARD J & PEGGY A HAWKINS	
07-034-2-37-18-28-5 05-002-020000	JASON & NICHOLE LAMOTTE	
07-034-2-37-18-28-5 05-002-021000	WEBER CABIN LLC	
07-034-2-37-18-28-5 05-002-022000	ROBERT & DEBORA L MCSTOTT LUCIUS	
07-034-2-37-18-28-5 05-002-023000	CHARLES P & TERESA ANN PETERSEN	
07-034-2-37-18-28-5 05-003-017000	DAVID M & BRENDA J HVAMSAL LAKE	
07-034-2-37-18-28-5 05-003-018000	BARRY MORTEN	RENE MORTEN
07-034-2-37-18-28-5 05-003-014000	LYNETTE & BRADEN HUGHS	
07-034-2-37-18-28-5 05-003-019000	RICHARD J LEE	GARY A LEE
07-034-2-37-18-28-5 05-003-023000	P DANIEL SCHILLER	
07-034-2-37-18-28-5 05-003-025000	TAMARA MILTZ-MILLER TRUST	
07-034-2-37-18-28-5 05-003-024000	TAMARA MILTZ-MILLER TRUST	
07-034-2-37-18-29-5 14-001-011000	STATE OF WISCONSIN	
07-034-2-37-18-29-5 14-002-011000	STATE OF WISCONSIN	
07-034-2-37-18-29-5 05-001-011000	JOHN R & MARIANNE M WILLIAMS	

07-034-2-37-18-29-5 05-002-013000	CARL B & ROXANNE J OLBERDING	
07-034-2-37-18-29-5 05-002-014000	CARL B & ROXANNE J OLBERDING	
07-034-2-37-18-29-5 05-002-015000	DOUGLAS HOLMSTROM	
07-034-2-37-18-29-5 05-002-016000	JUDY A KOESTER	
07-034-2-37-18-29-5 05-002-011000	MENG CHE & RYAN HARTOS	
07-034-2-37-18-29-2 03-000-011000	JOANN MASON	MICHAEL CARLSON
07-034-2-37-18-29-5 05-003-015000	GREGORY & JOY CIPPERLY	
07-034-2-37-18-29-5 05-003-014000	DUSTIN H STENLUND	
07-034-2-37-18-29-5 05-003-013000	JACK & VICTORIA JOLES	
07-034-2-37-18-29-5 05-004-011000	DANA C & HEATHER W MUEHLHAUSER	
07-034-2-37-18-29-5 05-006-012000	DARREL D SWENSON	
07-034-2-37-18-29-5 05-006-015000	SUSAN J JOHNSON	
07-034-2-37-18-29-5 05-006-014000	JAKE FREEDLUND	LARRY A FREEDLUND
07-034-2-37-18-29-5 05-005-011000	RANDY & TAWNY CHRISTENSON	
07-034-2-37-18-29-5 05-006-013000	MAX A & CAROL A ENG	
07-034-2-37-18-28-5 15-587-011000	ANTHONY D JR & JANICE A FERRARO	
07-034-2-37-18-28-5 15-587-012000	THOMAS N WETTERGREN	
07-034-2-37-18-28-5 15-587-013000	KENNETH E & JANET L BYERS	
07-034-2-37-18-28-5 15-587-014000	RICHARD THILL TRUST 6/23/2009	
07-034-2-37-18-28-5 15-587-015000	TOM DAELLENBACH	
07-034-2-37-18-28-5 15-587-016000	JAMES W & PATRICIA A GAUMITZ	
07-034-2-37-18-28-5 15-587-017000	THOMAS D & KATHLEEN M FISK FAMILY TRUST	
07-034-2-37-18-28-5 15-587-018000	MARY LOU MCCARROLL	
07-034-2-37-18-28-5 15-587-019000	MELVIN T & JOAN M CORDES	
07-034-2-37-18-28-5 15-587-020000	JEFFREY A HOLST	
07-034-2-37-18-28-5 15-587-021000	DONALD J & CANDICE L MAHER	
07-034-2-37-18-28-5 15-587-022000	PAULA OLSON	
07-034-2-37-18-29-5 15-718-011000	MARK ARNOLD & LORRAINE MARIE ANDERSON	
07-034-2-37-18-29-5 15-718-012000	MARK A & LORRAINE ANDERSON	
07-034-2-37-18-29-5 15-718-013000	MARK A & LORRAINE M ANDERSON	
07-034-2-37-18-29-5 15-718-014000	DAVID R FARRELL	
07-034-2-37-18-29-5 15-718-015000	RICHARD L QUIMBY	
07-034-2-37-18-29-5 15-718-016000	KAREN HANSON	JENA HANSON
07-034-2-37-18-29-5 15-718-017000	DAVID D KLING	
07-034-2-37-18-29-5 15-718-018000	DOUGLAS E & GINA R DANNER	
07-034-2-37-18-29-5 15-718-019000	THOMAS C & SANDRA L QUIMBY	
07-034-2-37-18-29-5 15-718-020000	BRADLEY & PAMELA ANDERSON	JENNIFER & CRAIG THOMSEN
07-034-2-37-18-29-5 15-718-021000	RICK WILLIAM SOLT	KELLY ANN SOLT
07-034-2-37-18-29-5 15-718-022000	JULIE GFRERER	
07-034-2-37-18-29-5 15-718-023000	PAUL T WICKLUND	KRISTEN A WICKLUND
07-034-2-37-18-29-5 15-718-024000	PAUL T WICKLUND	

07-034-2-37-18-29-5 15-718-025000	PETER A WICKLUND	
07-034-2-37-18-29-5 15-718-026000	PETER A WICKLUND	
07-034-2-37-18-29-5 15-718-027000	THOMAS & JEAN SOEHN	
07-034-2-37-18-29-5 15-718-030000	ROBERT C RIFLEMAN	ANNE M SAGSTETTER
07-034-2-37-18-29-5 15-718-028010	THOMAS & JEAN SOEHN	
07-034-2-37-18-29-5 05-002-012100	GARY & JILL M GRUBER- DOWNING	EDWARD & RAQUEL KUNNARY
07-034-2-37-18-29-5 15-745-014100	RICHARD TOBER	
07-034-2-37-18-29-5 15-745-016100	ROGER J TOBER	
07-034-2-37-18-29-5 15-745-018100	ROGER J TOBER	
07-034-2-37-18-29-5 15-745-013100	KEVIN F TOBER	VIOLA T GUETZKOW
07-034-2-37-18-29-5 15-745-012200	DAVID W IVANCE	ANNEMARIE J SKOGLUND
07-034-2-37-18-29-5 15-745-012100	RICHARD J & JOY J IVANCE	
07-034-2-37-18-29-5 05-006-011001	JOEL C KELLY	
07-034-2-37-18-29-5 05-006-011200	RONALD L & TERESA S FRY	
07-034-2-37-18-28-5 05-003-016100	BRIAN & TRACIE LEE	
07-034-2-37-18-28-5 05-003-016200	DAVID M & BRENDA J HVAMSAL LAKE	
07-034-2-37-18-21-5 05-004-021100	MICHAEL J SOMMERHAUSER	JANETTE OLSON-SOMMERHAUSER
07-034-2-37-18-28-5 05-002-017001	PROVIDENT TRUST GROUP LLC	
07-034-2-37-18-28-5 05-002-018100	LUCAS M GULBRANSON	CARLYLE W SCHRANK
07-034-2-37-18-21-5 05-004-026110	TODD M & TERESA D SANDEN	



### Little Trade

PARCELID	OWNERNAME1	OWNERNAME2
07-034-2-37-18-16-5 05-001-011000	LEONE NICHOLS	
07-034-2-37-18-16-5 05-002-011000	LEONE NICHOLS	
07-034-2-37-18-21-5 05-008-013000	CHARLOTTE L STACK	
07-034-2-37-18-21-5 05-008-012000	CHARLOTTE L STACK	
07-034-2-37-18-21-5 05-008-014000	LEONE NICHOLS	
07-034-2-37-18-21-5 05-002-026000	FREDERICK M & LARAE M PAINTER	
07-034-2-37-18-21-5 05-002-015000	ROGER E & LINDA M SELLNER	
07-034-2-37-18-21-5 05-002-016000	DONALD F & DONNA M PETERSEN TRUST AGREE	
07-034-2-37-18-21-5 05-002-017000	BART W & MELISSA D SLADKY	
07-034-2-37-18-21-5 05-002-018000	MICHAEL & DANIELLE SAGNES	
07-034-2-37-18-21-5 05-002-019000	MICHAEL & DANIELLE SAGNES	
07-034-2-37-18-21-5 05-002-020000	MICHAEL J & JANELLE M MOE	
07-034-2-37-18-21-5 05-002-021000	JUDITH PHILIPPS	
07-034-2-37-18-21-5 05-002-022000	DANIEL J & APRIL R FREEMAN	
07-034-2-37-18-21-5 05-002-023000	EUGENE A & LISA R CAMPBELL	
07-034-2-37-18-21-5 05-002-024000	DEAN SCHREIFELS	
07-034-2-37-18-21-5 05-002-025000	FREDERICK M & LARAE M PAINTER	
07-034-2-37-18-21-5 05-002-012000	STEPHEN C DONOHUE	
07-034-2-37-18-21-5 05-002-013000	STEVEN & JEANNE KOENES	
07-034-2-37-18-21-5 05-002-014000	RONALD D & VICKI J KUNZE	
07-034-2-37-18-21-5 05-003-032000	CAMERON G & MEGHANN E NELSON	
07-034-2-37-18-21-5 05-003-036000	DONOVAN & TERESA HESS	
07-034-2-37-18-21-5 05-003-035000	DONOVAN & TERESA HESS	
07-034-2-37-18-21-5 05-003-033000	RUSSELL & LENORE BEILKE	
07-034-2-37-18-21-5 05-003-023000	AARON MICHAELS	
07-034-2-37-18-21-5 05-003-024000	RANDALL NEUMANN TRUST	JANE NEHLS NEUMANN TRUST
07-034-2-37-18-21-5 05-003-028000	DANIEL L WALTENS	
07-034-2-37-18-21-5 05-003-029000	RICHARD HESS TRUST	
07-034-2-37-18-21-5 05-003-030000	MARK R & CHRIS M SELLNER	
07-034-2-37-18-21-5 05-003-031000	KEITH A GASPAR	PAMELA J JOHNSON
07-034-2-37-18-21-5 05-009-011000	WALTER A RASCHICK IV	
07-034-2-37-18-21-5 05-006-012000	MAHONEY REVOCABLE TRUST	
07-034-2-37-18-21-5 05-005-017000	GERALD D & JUDITH L CLARIN	
07-034-2-37-18-21-5 05-005-011000	MICHELLE M REHAK	
07-034-2-37-18-21-5 05-005-012000	MICHELLE M REHAK	
07-034-2-37-18-21-5 05-005-013000	NANCY M HALL	
07-034-2-37-18-21-5 05-005-014000	NANCY M HALL	
07-034-2-37-18-21-5 05-005-016000	GERALD D & JUDITH L CLARIN	

07-034-2-37-18-21-5 15-436-011000	BRANDON & APRIL YETTER	
07-034-2-37-18-21-5 15-436-012000	BRANDON & APRIL YETTER	
07-034-2-37-18-21-5 15-436-013000	SAURO FAMILY IRREVOCABLE TRUST DTD DEC 27 2012	
07-034-2-37-18-21-5 15-436-014000	JEFFREY & TERRI HATHAWAY	
07-034-2-37-18-21-5 15-436-015000	JONATHAN & JENNIFER HINDS	
07-034-2-37-18-21-5 15-436-016000	RANDY & TAWNY CHRISTENSON	
07-034-2-37-18-21-5 15-436-017000	GREG & MARA MCCORMACK	
07-034-2-37-18-21-5 15-436-018000	LEE THOMAS STOERZINGER TRUST AGREE	
07-034-2-37-18-21-5 15-436-019000	WENDY HAGELIN	
07-034-2-37-18-21-5 15-436-020000	DANIEL & SHARON HAWS	
07-034-2-37-18-21-5 15-436-028000	TOWNSHIP OF TRADE LAKE	
07-034-2-37-18-21-5 15-436-021100	MAHONEY REVOCABLE TRUST DTD APR 29 2008	
07-034-2-37-18-21-5 05-007-011100	CHRISTOPHER D & AMY M HART	
07-034-2-37-18-21-5 05-007-011200	MARK D HULSETER	ANNE D MCKEE
07-034-2-37-18-21-5 05-007-011300	EDWARD D SPAGNOLA	
07-034-2-37-18-21-5 05-007-011400	ALAN J & ELVIRA M PURVES	
07-034-2-37-18-21-5 05-007-011500	ALAN J & ELVIRA M PURVES	
07-034-2-37-18-21-5 05-007-011600	ALAN J & ELVIRA M PURVES	
07-034-2-37-18-21-5 05-007-011700	EDWARD D SPAGNOLA	
07-034-2-37-18-21-5 05-007-011800	TIMOTHY ROBERT & DARLAH JEAN KRUG	
07-034-2-37-18-21-5 05-003-025100	DAVID J & JENNIFER J MARSOLEK	
07-034-2-37-18-21-5 05-003-026100	JOHN M & KAREN E HOSCH	
07-034-2-37-18-21-5 05-003-027100	RICK A & KRISTINE ZABEL	
07-034-2-37-18-21-5 15-439-011000	EVA DEVELOPMENT INC	
07-034-2-37-18-21-5 15-439-012000	EVA DEVELOPMENT INC	
07-034-2-37-18-21-5 15-439-013000	KERRI ANN MILLER	
07-034-2-37-18-21-5 15-439-014000	GREGORY C & JENIFER LYN FRANZEN	
07-034-2-37-18-21-5 15-439-015000	MICHAEL & BERNADETTE PETERSEN	
07-034-2-37-18-21-5 15-439-016000	TRENT & ANDREA PETERSEN	
07-034-2-37-18-21-5 15-439-017000	MATTHEW J & PATRICIA M JACKELS	
07-034-2-37-18-21-5 15-439-018000	SAMUEL & MARY CAVALLI SINGER	
07-034-2-37-18-21-5 15-439-019000	SAMUEL & MARY CAVALLI SINGER	
07-034-2-37-18-21-5 15-439-020000	EUGENE A & LISA R CAMPBELL	
07-034-2-37-18-21-5 15-439-021000	EVA DEVELOPMENT INC	
07-034-2-37-18-21-5 15-439-022000	THOMAS L SIMONSEN	
07-034-2-37-18-21-5 05-003-034100	KEVIN LEONARD FOSSUM REVOCABLE TRUST	