## LAKE SINISSIPPI

## SHORELINE EROSION REPORT



#### PREPARED FOR:

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December 21, 2005

PN: 05032

#### INTRODUCTION

Shoreline erosion can be a serious source of sediment into Lake Sinissippi. Much of the mud just off the shoreline may have come from shoreline erosion. This report is a guide for shoreline restoration and erosion prevention, summarizes the results of the shoreline inventory, and provides storm-wave height calculations for selected parcels on Lake Sinissippi according to procedures outlined in NR 328. The project, which is being funded through a Lake Planning Grant from the Wisconsin Department of Natural Resources (WDNR), focuses on shoreline erosion from developed properties although information for undeveloped properties will also be included.

Under the newly adopted Wisconsin Administrative Code NR 328, the type of shoreline protection that can be used by property owners is regulated through permits from the WDNR. To be eligible for a permit for certain types of shoreline protection, your property must have a specific Erosion Intensity (EI) index score. The EI index identifies the degree of wave energy that is attacking a shoreline and how susceptible that shoreline is to erosion. An EI index will be calculated for each property on the lake. The EI index will help identify properties that are experiencing erosion problems or that may be susceptible in the future.

As part of the plan, each property will be inventoried. Some of the work will be based on measurements made from available maps of the lake, and others will be based on an inventory of the shoreline. Measurements that were made in the field include:

- Bank height (height from the bank toe to the top of the bank)
- Bank composition (characteristics of soil)
- Influence of adjacent structures (degree of armoring by a seawall or rock rip-rap)
- Aquatic vegetation (type and abundance of vegetation off shore)
- Bank vegetation (type and abundance of shoreline vegetation)
- Bank stability (estimate of stabilization by natural vegetation)
- Boat wakes (proximity to and use of boat channels)

The firm of Hey and Associates, Inc. from Brookfield, WI conducted the shoreline erosion inventory in June and August of this year. Their staff walked the shoreline or observed properties from a boat while making a few simple observations. Dark green shirts that have the Hey and Associates logo identified the staff. Staff also had company IDs. Each property owner should receive a letter containing the details of their shoreline survey.

The shoreline survey was used to develop a plan that will categorize properties based on their potential for erosion and the type of shore protection that best protects their property and is eligible for permits under the new WDNR rules. Shore protection methods evaluated include:

- Biological (stabilization using native vegetation and coconut fiber logs)
- Vegetated armoring (stabilization using bio-engineering methods and rock)
- Traditional rip-rap (stabilization using rock armoring)
- Seawalls (rock, wood or concrete walls)

The plan only makes <u>voluntary</u> recommendations for residents to consider. Under the plan, no one will be required to take any action or change any existing shore protection.

Storm-wave height (SWH) is an additional WDNR approved method to determine the amount of erosion occurring on your property. It is less thorough than the EI method and calculated with a mathematical

equation developed by researchers that takes into account storm wind speeds, the unobstructed distance from your property across the lake or the fetch, and the average depth along the fetch. Based on the calculated storm-wave height, your property can be classified as a low, moderate, or high energy site.

#### HISTORY OF LAKE FORMATION AND PHYSICAL DESCRIPTION

Lake Sinissippi is an impoundment of the Rock River created in 1845 when the dam was built in Hustisford. Prior to construction of the dam, the area was a flat wetland basin through which the Rock River meandered. Soils in the basin were largely peat. The reservoir created by the dam was shallow with unstable, marshy shorelines that eroded rapidly. In 1939, the dam was raised 1.43 feet to its present elevation, adding to shoreline erosion. The size of the lake in 1939 was 2,300 acres. Over the past 6 decades, water erosion has caused riparian wetlands and 4 of the original 12 islands to disappear, resulting in the present lake area of 2,855 acres.

Table 1 outlines the general physical characteristics of the lake. A cross-section of the lake would resemble a wide, shallow pan, with average water depth varying between 4 and 5 feet. The maximum water depth is 6 feet, with 8-foot holes in the river north of the oxbow and in the river before the dam in Hustisford. The lake bottom is mainly composed of silt that washed into the lake from the surrounding watershed and shore erosion. Thickness of the sediment layer covering most of the lake bottom area is 6 inches to 2 ½ feet; several spots have silt depth that exceeds 8 feet. Some shorelines along the eastern shore, around some of the islands and along shores with steeper slopes have firm, gravelly substrates that are beneficial for fish spawning. Due to the large, shallow open water area and silt bottom, periods of high winds and wave action caused by boats re-suspend sediment resulting in murky or turbid water.

The Lake Sinissippi shoreline along the south and east is extensively developed with seasonal and permanent homes. In recent years many of the lower value properties have been improved or replaced by higher value homes. Condominium and apartment complexes have been developed within the Village of Hustisford on the south end of the lake. The undeveloped land that remains along the north and west shores is farmland, marsh and state conservancy. Sanitary sewer districts serve properties on Butternut Island, Sinissippi Point and Arrowhead Point, and along the east shoreline. Lake front properties within the Village of Hustisford are served by the village sanitary sewer system.

The lake is heavily used for water-oriented recreation; particularly pleasure boating, canoeing, bird watching and water skiing. The marshy bays are used extensively for waterfowl hunting. Some fishing occurs on the lake, but is relatively light due to the poor condition of the fish population. Public boat and lake access is provided by municipal facilities located in Horicon and Hustisford, as well as several small town sites.

**TABLE 1** - Physical Characteristics of Lake Sinissippi

Parameter	Lake Sinissippi
Surface Area (open water)	2,855 acres
Watershed Area	511 sq. miles
Watershed to Lake Area Ratio	115:1
Maximum Depth	8 feet
Mean Depth	4.5 feet

## **Watershed and Ecological Characteristics**

Lake Sinissippi has a large watershed area of 511 square miles and a watershed/lake area ratio of 115:1. Impoundments with watershed/lake ratios greater than 10:1 are generally very fertile. The Rock River watershed is intensively farmed for production of agricultural crops. About 90% of the lake watershed area lies above the Horicon Dam, including the Horicon Marsh and Rock River headwaters. The Dead Creek subwatershed and adjacent lake area with smaller tributaries comprise the remaining 10% of the watershed. Much of the once abundant wetlands in the watershed have been converted to cropland by ditching or tiling. The loss of wetlands, combined with exposed soils and intensive farming, contributes to sediment runoff reaching the lake during snowmelt or rain.

Soils in the Lake Sinissippi area are made of a combination wetland soils in the lowland areas and glacial soils on the glacial moraines that form the upland features. Wetland soils are predominantly adjacent to the lake. They are poorly drained, nearly level, and easily eroded soils commonly found in lake basins and on flood plains. They are subject to frequent long periods of inundation. Most of the upland areas adjacent to Lake Sinissippi are located on glacial moraines. These soils are all well drained with upper layers of grayish brown silt loam underlain by sandy loam and glacial till. The soils are well suited to crops such as corn, small grains, and grasses, and pasturing and production tree stands. In the Lake Sinissippi area, most of the upland soils have been or are being used for agricultural production.

The riparian wetlands around Lake Sinissippi have undergone varied expansion and contraction during the 160 years that the impoundment has been in place. Wetlands in several small embayments in the lake have contracted over the years due primarily to high water levels. Expansions of marsh fringe have generally been associated with lowering of the lake level as a consequence of either drought or a planned drawdown.

Following the lake drawdown that began in 1972, vegetation growing on the exposed lake bottom covered over 1,400 acres. The vegetation areas were comprised predominantly of cattails (*Typha* spp.), whose beds expanded out onto the exposed mudflats. The balance of the lake bottom under drawdown condition was covered with water to a depth of an inch to a couple of feet. Following return to normal lake levels, nearly 10 years of inundation was necessary to cause recession of the cattail marsh to the edge configuration as seen today.

#### **GOALS AND OBJECTIVES OF STUDY**

Shoreline erosion is a problem on many Wisconsin lakes. Impoundments such as Lake Sinissippi are especially vulnerable to erosion because elevated water levels come into contact with soils that may not be naturally able to withstand wave energy. This study sponsored by the Lake Sinissippi Association has the following goals:

- Assign each property an Erosion Intensity and erosion energy category score as per the Wisconsin Administrative Code NR 328
- Develop alternatives for shoreline management options for each erosion intensity category
- Provide a list of potential native plants used in shoreline restorations
- Provide an overview on how home owners may integrate fish and wildlife habitat into their shorelines
- Review the permit application process for exemptions, general permits, and individual permits
- Provide an overview of sources for financial assistance

#### **OVERVIEW OF SAMPLING METHODS AND EROSION INDEX**

Lakeshores bear the brunt of breaking waves, currents, and ice. Even though these are largely natural processes, these forces attack your shoreline and dislodge sediment particles and transport them into your lake bottom. Naturally occurring erosion is a slow process that allows plants to adjust to changing conditions, and soil loss is usually at a minimum. Natural disturbances (floods and windstorms) and human disturbances (construction in near shore areas and removing vegetation) usually accelerate erosion processes. Impoundments are especially vulnerable to shoreline erosion because soils have relatively little exposure to erosive forces. Natural lakes have been exposed to erosive forces for many years and shorelines have developed to naturally resist excessive erosion in many cases.

Indications of erosion problems include large areas of bare soil, rapid shoreline recession, or muddy water near the shoreline after a rainstorm. The SWH and shoreline EI index included in NR 328 are designed to measure lake or shoreline properties that contribute to accelerated erosion. The SWH and EI estimate the amount of potential wave energy attacking your shoreline and its susceptibility to erode. Each developed property received a shoreline EI index score that is associated with an energy category – high, moderate, or low. The significance of each energy category will be discussed later in the report. All parcels with an EI energy rating in the "low" category also received a SWH energy score.

The shoreline inventory occurred in two phases. The first phase evaluated characteristics of your property using digitized lake maps and computer mapping software. The average fetch, water depth 20 feet from shore, water depth 100 feet from shore, shoreline geometry, and shore orientation were determined to generate the first set of index scores.

- Average fetch is the distance across open water to opposite shore at 45° from the perpendicular of your shoreline. Average fetch estimates the amount of potential wave energy affecting your shoreline (Figure 1).
- Shoreline geometry is the general shape of the shoreline on your property and 200 yards on either side. Shoreline is classified as coves or bays, irregular or straight shoreline, and headland or point or island.
- Shore orientation is the geographic direction the shoreline faces (Figure 2). Shorelines facing the west to northwest experience heavy winds and increased wave energy due to predominant weather patterns.
- Water depth at 20 and 100 feet from shore was determined using a 1-foot contour bathymetric map.

The second phase of the project was to visit each developed property and inventory the remaining characteristics important to calculate your index score. This occurred over June  $21^{st} - 23^{rd}$ , 2005. Bank height, bank composition, influence of adjacent structures, amount of aquatic vegetation, bank vegetation, bank stability, and proximity to boat wakes were measured following the EI Score Worksheet included in NR 328.08(2).

- Bank height measure from the bank-toe to the bank-lip (Figure 3).
- Bank composition sediment composition of bank.
- Influence of adjacent structures nearby structures that may cause flank erosion.
- Aquatic vegetation amount of offshore submergent, floating leaf, or emergent vegetation.
- Bank vegetation type and abundance of vegetation occurring on the bank and near bank lip.

- Bank stability degree the bank and area within 10 feet of bank are stabilized by vegetation.
- Proximity to boat wakes degree a property is affected by boating channels.

Storm-wave height is an additional WDNR approved method to determine the amount of erosion occurring on your property. It is calculated with a mathematical equation developed by researchers that takes into account storm wind speeds, the unobstructed distance from your property across the lake or the fetch, and the average depth along the fetch. Based on the calculated storm-wave height, a property can be classified as a low, moderate, or high energy site. The WDNR SWH energy calculator<sup>1</sup> and a WDNR lake map of Lake Sinissippi was used to determine storm-wave height. The SWH was not calculated for every property on the lake. It was calculated for properties that received an El score in the low category. Scores for these parcels with a low EI rating were compared to SWH energy ratings to determine how often the SWH method overestimates the energy category.

## **Results and Alternatives for Management**

The three categories generated by the EI and SWH scores are high, moderate, and low energy sites. NR 328 defines a high energy site with an El greater than 67, a moderate energy site scores between 48 and 67, and a low energy site scores 47 or lower. All properties on Lake Sinissippi fall into the low and moderate energy categories so those options will be discussed in detail (Figure 4).

The energy category is important because it determines which shoreline protection structures you are eligible to install on your property (Table 2). High energy sites are eligible to install biological controls, vegetated armoring, traditional riprap, or a seawall. Moderate energy sites are eligible to install biological controls, vegetated armoring, or traditional riprap. Low energy sites are eligible to install biological shoreline erosion controls. Maps showing each property's energy category and address are found in Figures 5-7.

The average El score for the properties on Lake Sinissippi is 35, which falls into the low energy category. A smaller portion of properties fell into the moderate category (Table 3). No properties on Lake Sinissippi were classified as high energy. The summary statistics for the survey show that general lake morphological characteristics and existing bank protection are driving El scores towards the low energy category. In general if a scoring category has a relatively small standard deviation it is constant at most properties (Table 4). Conversely, scores with a relatively high standard deviation are driving the differences between properties. For Lake Sinissippi, water depth at 20', water depth at 100' and bank height are relatively constant at all properties while the other parameters distinguish individual properties from each other.

The SWH energy category was calculated for each property receiving an EI score in the "low" category (Figure 8). The recalculations showed that the SWH method overestimated the wave energy category at 41% of the properties. In other words, 41% more properties on Lake Sinissippi would have been classified as moderate energy sites using the SWH method while the more detailed EI method classified those properties as low energy. A detailed list of each property and its energy rating category is located in Appendix A at the end of this report.

<sup>&</sup>lt;sup>1</sup> http://www.dnr.state.wi.us/org/water/fhp/waterway/erosioncalculator.shtml

**TABLE 2** - Eligible Activities per Shoreline Erosion Index Category

	Shoreline	Category	
	Low	Moderate	High
Biological Controls	u	u	u
Vegetated Armoring		u	u
Traditional Riprap		u	u
Seawalls			u

### Low Energy

A biological shoreline stabilization design might include a coconut fiber roll temporarily staked to the lake bottom combined with emergent macrophyte plantings in the eroded shoreline area. This is effective to protect the bank toe. The coconut fiber roll absorbs wave energy allowing for the establishment of plants (Figure 9). The plants will absorb wave energy and decrease bank erosion. Coconut fiber rolls may also be used directly on the shoreline. If your bank is eroding above the mean high water elevation, an alternate strategy using brush mattresses, live stake plantings, or brush layering may be more suitable for your property. Each of these techniques relies on establishing vegetation on your bank to minimize erosion as water flows over the bank or waves impact the shoreline. In the case of brush mattresses, live cut branches are placed along an eroding slope, anchored, and the ends are placed in a trench to allow them to form a root system. The root system will stabilize the bank and minimize erosion (Figure 10). In moderate energy areas, additional stabilization may be needed at the bank toe.

Installing biological control structures to reduce erosion have the added benefit of providing beneficial wildlife habitat. Incorporating a variety of native shoreline plants will attract a variety of birds, butterflies, and insects to your property (Table 5).

**TABLE 3** - Erosion Index Category Membership for Lake Sinissippi

Erosion	Index Category
High	0.0%
Moderate	15.5%
Low	84.5%

**TABLE 4** - Mean Scores and Standard Deviation of Erosion Index Scores for Lake Sinissippi

<b>Shoreline Scoring Category</b>	Mean	Standard Deviation
Average Fetch	3.35	1.55
Water Depth 20' from Shore*	1.96	0.19
Water Depth 100' from Shore	2.69	0.52
Shoreline Geometry	4.06	2.44
Shoreline Orientation	3.29	3.57
Bank Height	2.11	0.35
Bank Compostion	5.19	3.07
Bank Vegetation	1.04	1.65
Bank Stability	1.22	2.20
Influence of Adjacent Structures	1.45	0.82
Aquatic Vegetation	5.97	2.09
Influence of Boat Wakes	3.61	4.64
EIS Score	35.50	9.60

<sup>\*</sup>Italics indicate relatively constant value for all properties.

**TABLE 5** - Shoreline plants to reduce erosion

Shrubs	Forbs and Grasses (Upland)
Red-twig dogwood	Pale purple coneflower
Silky dogwood	Yellow coneflower
Nannyberry	Butterflyweed
Hazelnut	Blazingstar
Black Willow	Wild bergamont
Pussy Willow	New England aster
Wetland	Stiff goldenrod
Joe-pye weed	Compass plant
Boneset	Black-eyed Susan
Cupplant	Indian grass
Turtlehead	Big Bluestem grass
Common arrowhead	Prairie cordgrass

## **Moderate Energy**

Properties with a moderate energy rating may decide to install more aggressive erosion control structures such as vegetated armoring or traditional riprap. Traditional riprap is a blanket of stones applied over an existing shoreline to provide more resistance to erosion (Figure 11). An alternate to traditional riprap that offers comparable erosion control is vegetated armoring. Vegetated armoring is nearly as durable as riprap, but offers the distinct advantage of providing habitat for plants and animals. Vegetated armoring uses riprap, or other material, combined with vegetative plantings in drilled holes or in the cracks between the riprap (Figure 12).

## Methods for Landowners to Integrate Fish and Wildlife Habitat into Shorelines

To improve wildlife habitat and increase the enjoyment of wildlife observers, plants that will attract a variety of birds, butterflies, and insects are recommended along the disturbed edges of the lake. Tables 6 and 7 summarize some of the potential plants and shoreline management strategies that could be integrated into a native landscaping plan on developed properties to improve wildlife habitat.



Lake Sinissippi Shoreline - Vegetated Shoreline Areas

TABLE 6 - Plants to Attract Wildlife

Common Name	Species Name
Sh	rubs
Red-twig dogwood	Cornus stolonifera
Silky dogwood	Cornus amomum
Nannyberry	Viburnum lentago
Hazelnut	Corylus Americana
Forbs	(Upland)
Pale purple coneflower	Echinacea pallida
Yellow coneflower	Ratibida pinnata
Butterflyweed	Asclepias tuberose
Blazingstar	Liatris spicata
Wild bergamot	Monarda fistulosa
We	tland
Joe-pye weed	Eupatorium maculatum
Boneset	Eupatorium perfoliatum
Cupplant	Silphium perfoliatum
Turtlehead	Chelone glabra

TABLE 7 - Shoreline enhancements for wildlife

Wil	dlife Habitat
Enhancement	Benefit
Large, dead standing or cavity trees	Nesting and roosting for birds
Dying tress	Woodpecker food source
Seasonal pools and wetlands	Amphibian breeding
Logs and branches off-shore	Basking for turtles and cover for fish
Bank burrows	Dens for weasels, otters, and muskrats
Sandy soils	Nesting for turtles
Rock piles	Cover for snakes and mammals
Trees overhanging the water	Feeding perches for birds and cover for fish
Fallen logs on land	Salamander habitat

## **Permitting Overview**

Wisconsin Administrative Code NR 328 subchapter I fulfills the purpose of establishing procedures to determine a shore erosion control project's eligibility for a permit exemption, a general permit, or an individual permit under s. 30.12 (Table 8). Repairs are the only activity that will *potentially* be exempt from the permitting process because Lake Sinissippi is listed on the Natural Heritage Inventory as an "Area of Special Natural Resource Interest". As a result, all new projects will require general or individual permits.

Rules are different for repairing an existing structure or building a new structure. As a general rule, if a structure is *greater than* 50% in tact, no permit is needed for repairs as long as the bank is not extended lakeward. Before beginning any project, contact your local WDNR Water Resource Management Specialist regarding permitting. If a structure is *less than* 50% in tact, any repairs will be considered new construction for permitting purposes. If you have an existing rip-rap shoreline or a seawall in an area of low energy, it is important that you keep it maintained. If it falls into a condition with more that 50% in disrepair, you will likely not be able to replace it with a similar structure under the new state rules.

**TABLE 8** - Permit Requirements for Repairing and Installing New Shoreline Structures

		Shoreline Energy Category	
	Low	Medium	High
Repair riprap < 50% of total structure	None	None	None
Repair Riprap > 50%	Not Allowed	General or Individual	General Permit
Repair Seawall < 50%	None	None	None
Repair Seawall > 50%	Not Allowed	Not Allowed or Individual	Individual Permit
Biological Controls	General Permit	General Permit	General Permit
Vegetated Armoring	Not Allowed	General Permit	General Permit
Traditional Riprap	Not Allowed	Individual Permit	General Permit
Seawall	Not Allowed	Not Allowed	Individual Permit

The second step in the permitting process is to determine the energy category of the shoreline. NR 328 specifies that the shoreline energy may be calculated using the storm-wave height or the shoreline erosion index method. The storm-wave height method is a general estimate of shoreline energy while the shoreline EI method takes into account site-specific factors such as bank height and soil type. Storm-wave height was estimated using the WDNR website storm-wave height calculator<sup>2</sup>. The EI index score was computed using the Erosion Intensity Score Worksheet included in NR 328<sup>3</sup>.

The third step in the permitting process is to select an appropriate control method based on the energy category (refer back to Table 2) and determine if you are eligible for a General Permit. Usually a General Permit will be issued if an erosion control structure is appropriate for a property's energy category. Eligibility can be determined using WDNR worksheets available online<sup>4</sup>. If a property owner wishes to build a shoreline erosion control structure that is not generally allowed, such as vegetated riprap in a low energy area, they will need to apply for an individual permit. It is important to note that a General Permit is considered a right of the property owner while an Individual Permit is a privilege that may be denied. Individual Permits will be granted by WDNR only if it is in the best interest of the public and does not harm the resource. Unless very compelling reasons exist to support an Individual Permit, property owners are encouraged to pursue activities requiring a General Permit. Individual Permit applications are also available online<sup>6</sup>.

To expedite a General Permit, property owners are encouraged to determine whether or not their project will affect wetlands, endangered or threatened resources, or cultural resources<sup>5</sup>. The Wisconsin Wetland Inventory lists wetlands that would affect a permit application. For information about wetlands on your property, contact Lois Simon, Wetlands Inventory Coordinator at (608) 266-8852. Maps are available for purchase. To check for endangered or threatened species in the proximity to their project, property owners should call the Bureau of Endangered Resources at the WDNR at (608) 266-7012 to request a Wisconsin Natural Heritage Inventory Endangered Resources Review Request Form 1700-047. Contact the State Historical Society at (608) 264-6579 and ask for a Natural Heritage Inventory Information Request Form to determine whether significant cultural resources are located near your property.

Dodge County also has a number of local ordinances that may apply to your property, so it is recommended that you contact your regional Water Quality Management Specialist and Dodge County Zoning and Planning Department to find out all permit application requirements. The WDNR contact is Dan Hunt who is located in Horicon at (920) 387-7878. David Carpenter may be reached in the Dodge County Planning and Development Office at (920) 386-3700 for local zoning requirements.

#### **Overview of Available Financial Assistance**

There are two state funded programs qualified lake associations or lake districts may utilize for shoreline restoration activities. They are the Lake Protection Grant Program and the Nonpoint Targeted Runoff Management Program. Each of these programs requires a qualified lake association or district to act as the grant sponsor and requires matching funds from the sponsor or other in-kind contributions

<sup>&</sup>lt;sup>2</sup> http://dnr.wi.gov/org/water/fhp/waterway/erosioncalculator.shtml

<sup>&</sup>lt;sup>3</sup> http://www.dnr.state.wi.us/org/water/fhp/fish/nr328/

<sup>&</sup>lt;sup>4</sup> http://dnr.wi.gov/org/water/fhp/waterway/erosioncontrol.shtml

<sup>&</sup>lt;sup>5</sup> Form 3500-108 Waterway General Permit Application and Approval bottom of page 1 of 4

The Lake Protection Grant Fund is governed by ss. 281.69 and 281.71 Wisconsin Statutes and chapter NR 191 Wisconsin Administrative Code. Grant awards may fund up to 75 percent of project costs up to a maximum grant amount of \$200,000. Due to the size and technical considerations of many projects, a pre-application meeting with the WDNR is recommended to confirm that the required management plan and permit applications are in place or will be applied for. This will ensure the application will be complete and can be evaluated and considered for funding. Restoring wetlands and shorelands that will protect a lake's water quality or its natural ecosystem are eligible for this program up to \$100,000 contribution by WDNR. Wetland incentive grants up to \$10,000 are eligible for state funding without cost share if the project is identified in the sponsor's comprehensive land use plan or is a lake management plan implementation project approved by the WDNR. These projects may include any projects that will protect or improve lakes. Sponsors should submit a copy of their lake management plan and the specific recommendation or recommendations it wants to fund to the WDNR for approval at least two months in advance of the May 1<sup>st</sup> application deadline. Plans must have been officially adopted by the sponsor and made available for public comment prior to submittal. The WDNR will review the plan and advise the sponsor on the project's eligibility and development of a lake protection grant application.

The Nonpoint Targeted Runoff Management Program is governed by ss. 281.65, Wisconsin Statutes and chapter NR 153 of the Wisconsin Administrative Code. Governmental units can be reimbursed up to 70 percent of eligible costs associated with installing Best Management Practices that limit or end nonpoint source run-off water pollution. Eligible activities and cost share responsibilities are outlined in chapter NR 154 of the Wisconsin Administrative Code. Grant awards cannot exceed \$150,000 and have a 2-year implementation time frame. As with most WDNR grant programs, these grants are highly competitive and not all eligible projects will receive funding.

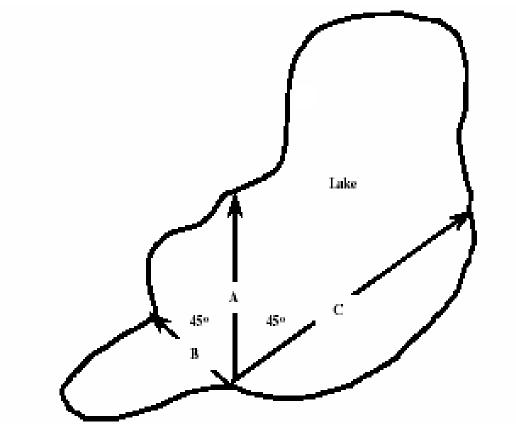
## Implementation Strategy

Participation in shoreline restoration activities as per the shoreline energy categories assigned by chapter NR 328 is voluntary. Recommendations in NR 328 become mandatory if a shoreline structure is less than 50 percent in tact and the shoreline property owner chooses to modify the existing structure(s). NR 328 also applies to new construction.

The first step to begin a shoreline restoration is to contact your neighbors to determine whether or not there is community interest in pursuing a restoration project. It is typical for property owners working together to receive better rates for larger projects. If there are properties that are difficult to access directly, it also may make construction easier using a common entrance to a project site. Less disturbed land near the lake will also cause less eroded material to enter the water during construction.

The next step is to contact a number of qualified landscape architects or engineers for a design suitable for their shoreline. Make sure to communicate a property's eligible shoreline structures as per NR 328 to ensure the design is appropriate for a property's energy category. Each design should also include an erosion control plan. Once an appropriate design is selected, permits should be acquired. Most projects should require a general permit prior to construction. The permitting process was discussed earlier in the report, so please refer to the "Permitting Overview" section of this report for more information.





Average Fetch =  $(B + C) \div 2$ 

FIGURE 2 - Determination of Wind Exposure for Erosion Intensity Index (Source: WDNR)

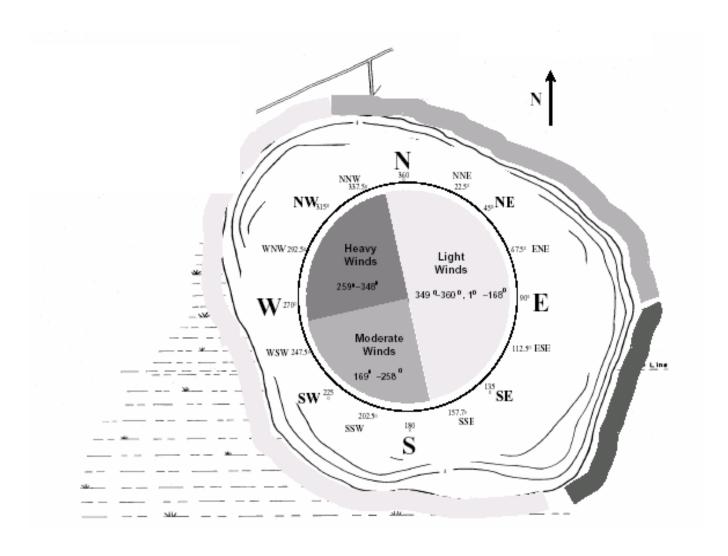
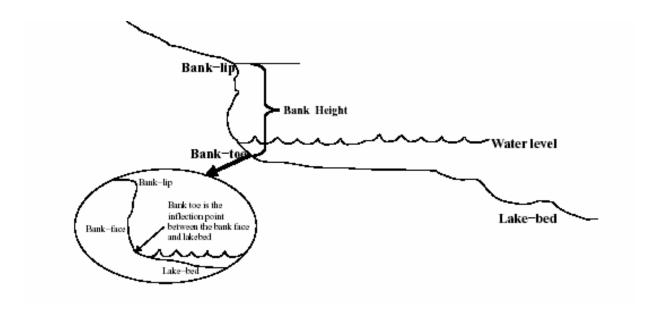


FIGURE 3 - Bank height measurement (Source: WDNR)



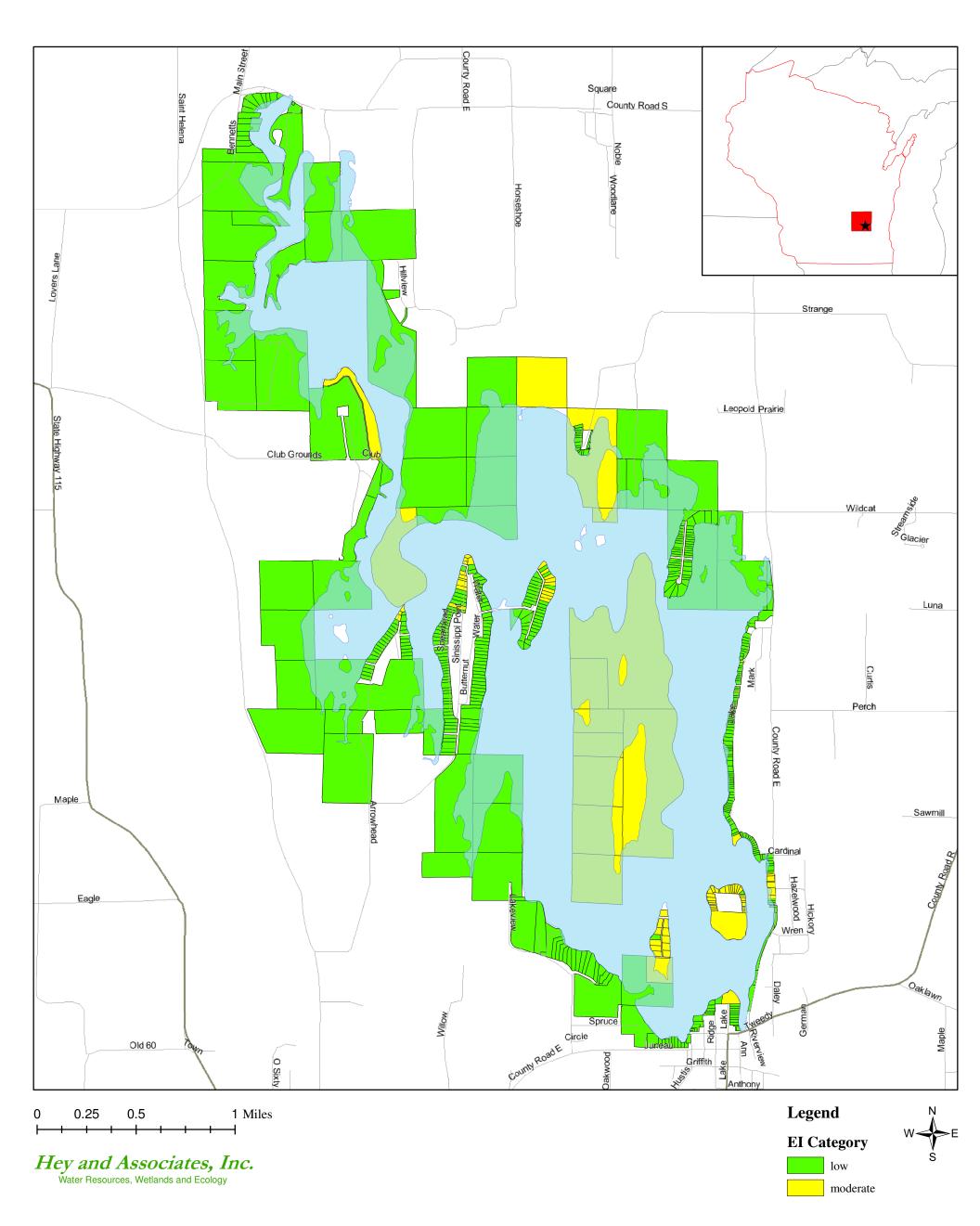


Figure 4. Lake Sinissippi Shoreline EI Energy Categories

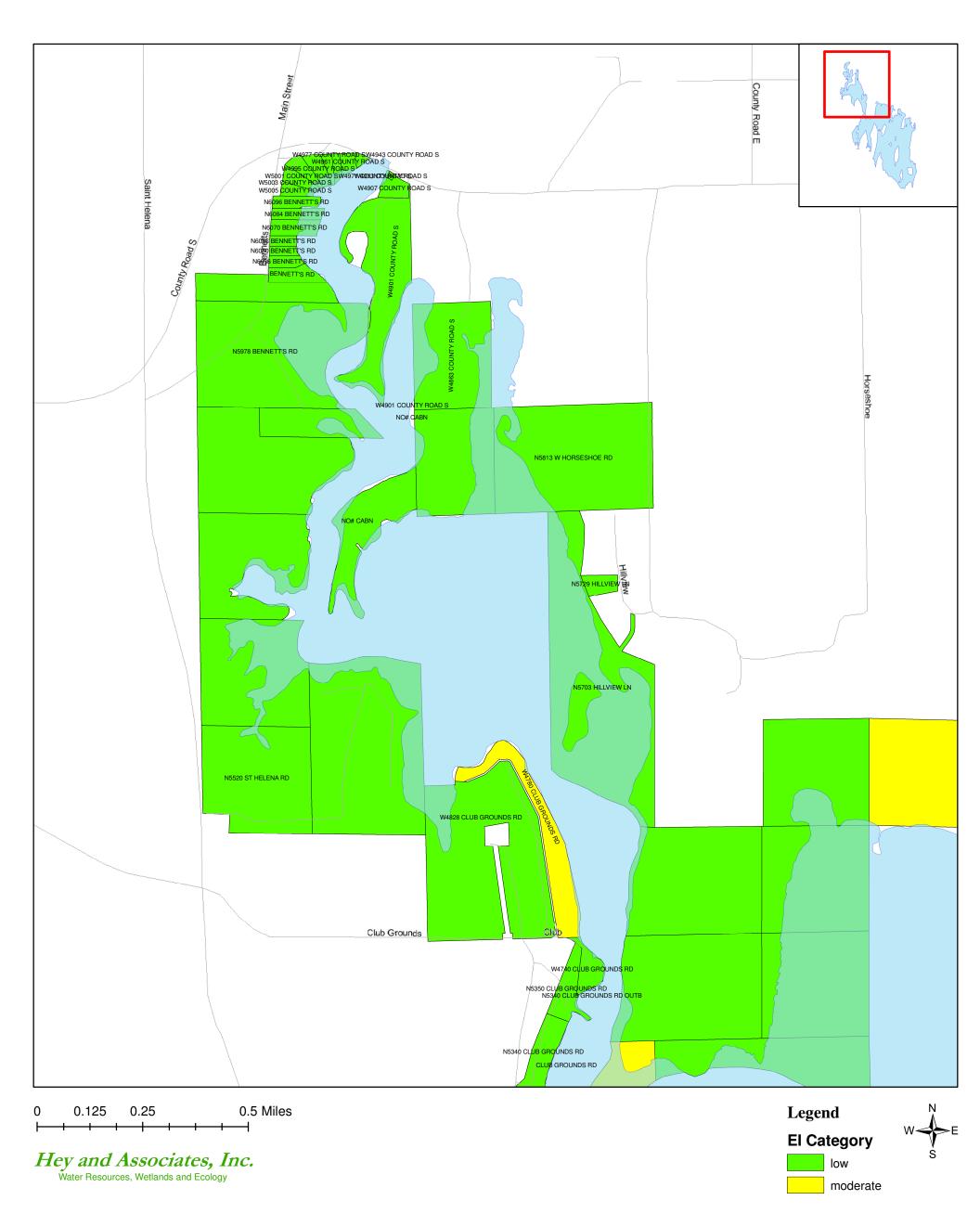


Figure 5. Lake Sinissippi Shoreline Erosion Index Categories - North

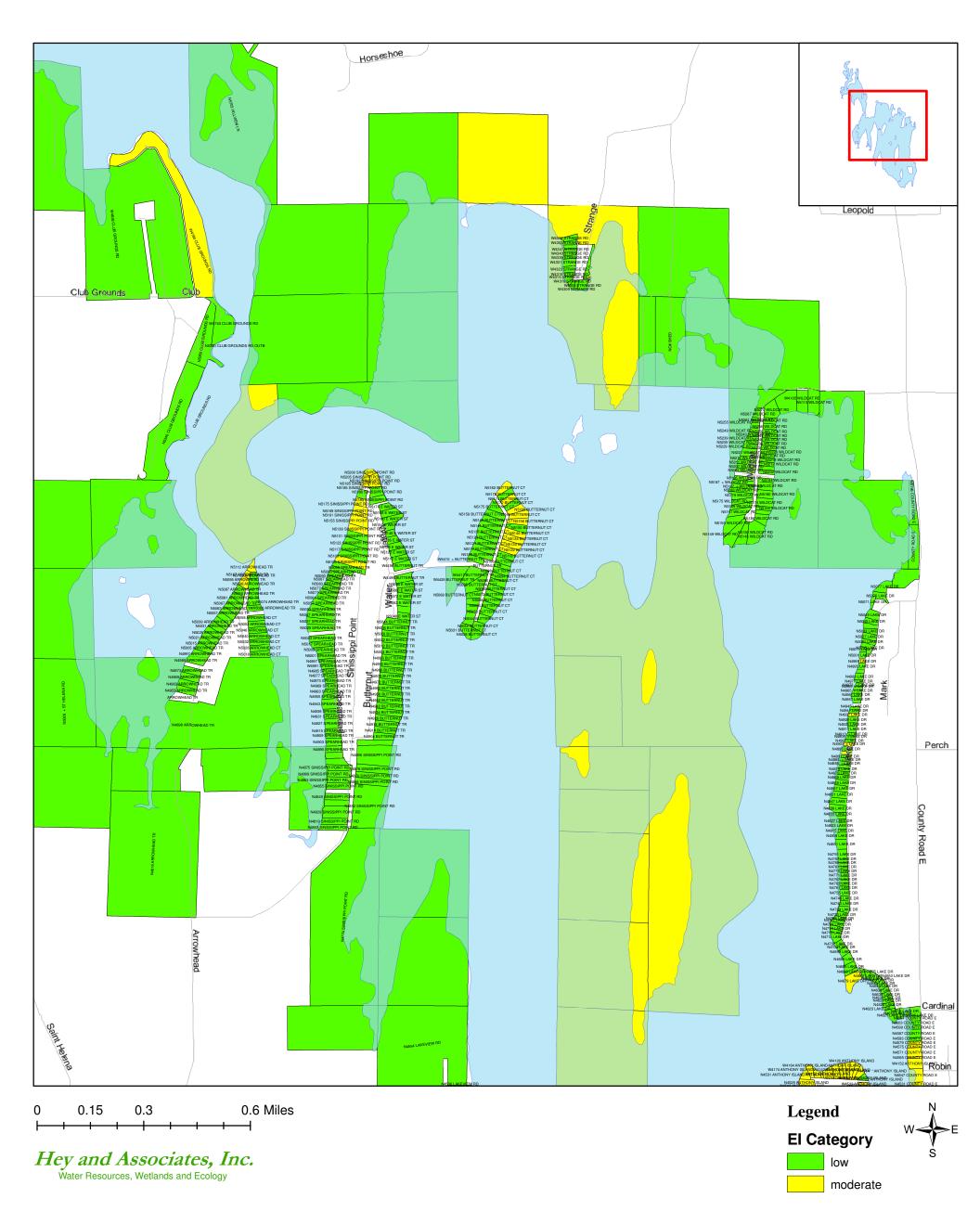


Figure 6. Lake Sinissippi Shoreline Erosion Index Categories - Central

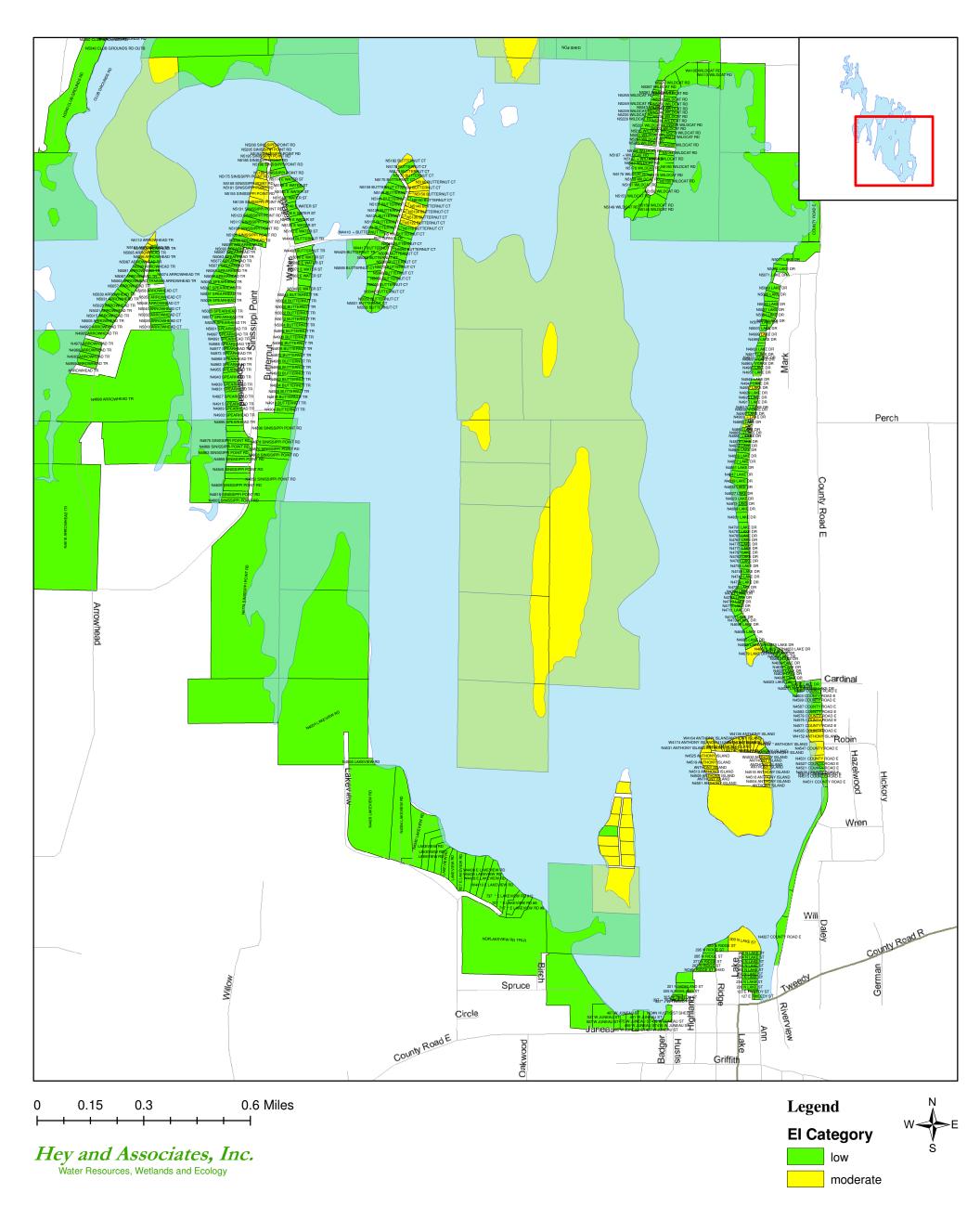


Figure 7. Lake Sinissippi Shoreline Erosion Index Categories - South

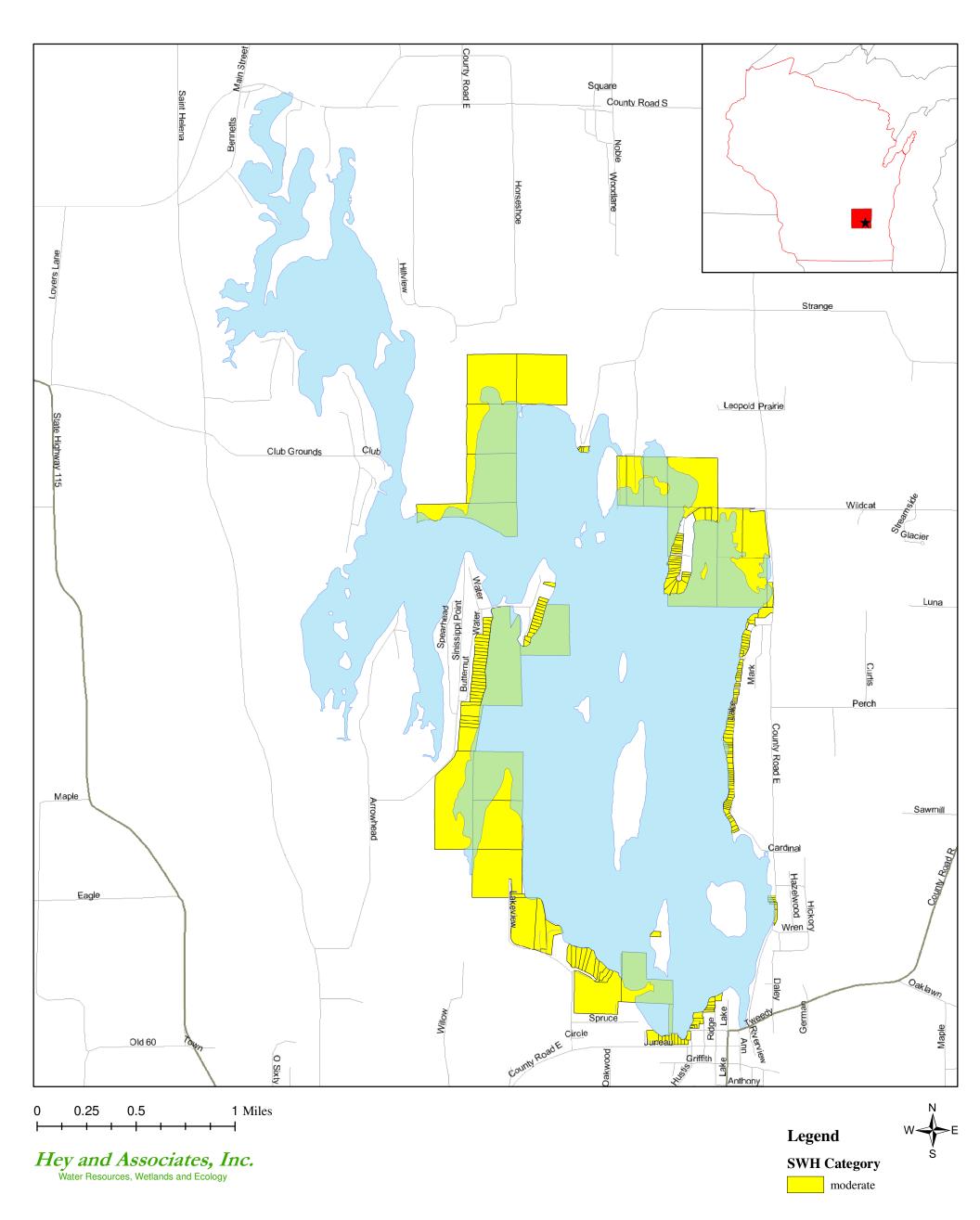


Figure 8. Lake Sinissippi Shoreline EI Energy Categories Overestimated by Storm Wave Height Method

FIGURE 9 - Cross-section for coconut fiber log installation (Source: WDNR)

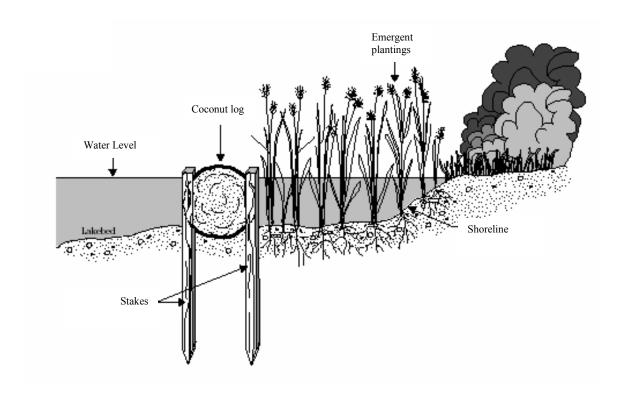


FIGURE 10 - Cross-Section of Brush Mattress Installation (Source: NRCS)

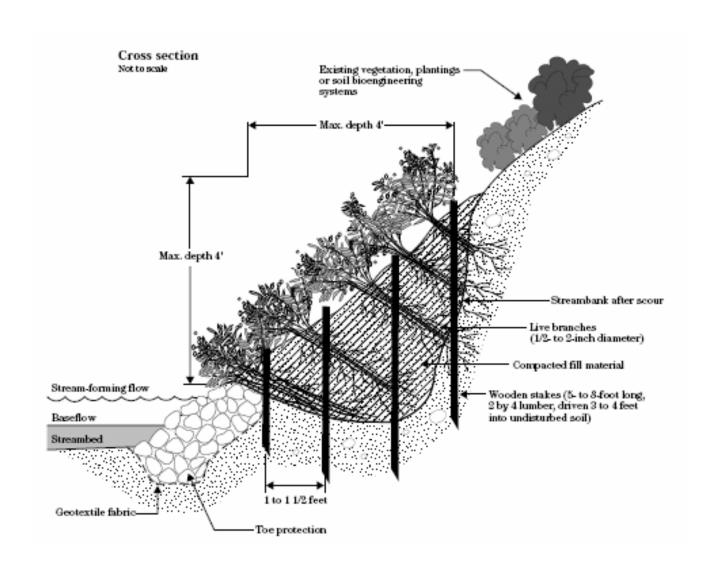


FIGURE 11 - Traditional riprap design cross-section (Source: NRCS)

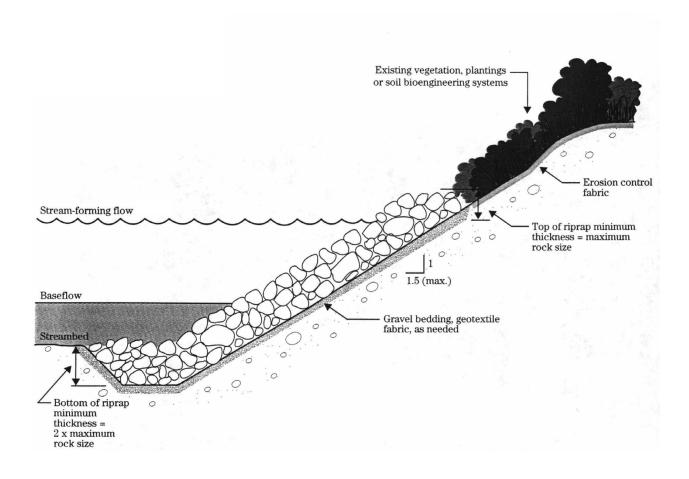
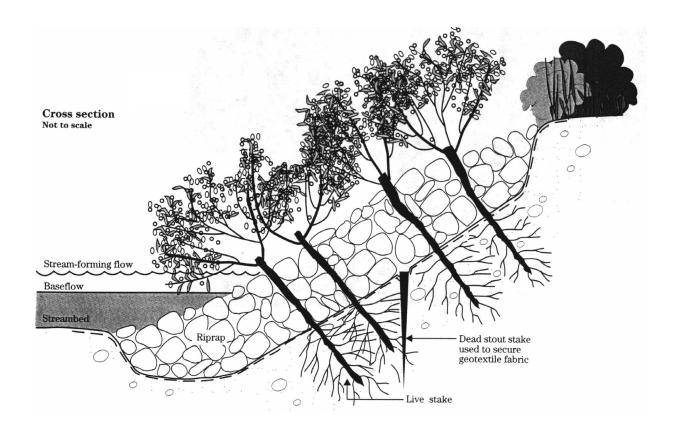


FIGURE 12 - V egetated armor design cross-section (Source: NRCS)





WNER 1	OWNER 2	Property Address	Property City	MFS	D20S	D100S	SGS	sos	BHS	BCS	BVS	BSS	ASS	AVS	BWS	EIS	EIS CAT	SWH CAT
	_	295 N RIDGE		IVIF3	D203	D1003	363	303	БПЗ	BU3	BVS	ВЗЗ	ASS	AVS	BWS	EIS	EIS_CAT	SWH_CAT
JEROME P CIERNIAK	MARIE E CIERNIAK	ST	HUSTISFORD	2	2	3	4	0	2	7	0	0	2	7	1	30	low	low
RUSSELL M COLEY TRUST				2	2	2	1	0	2	0	0	1	2	7	1	20	low	low
ERNIE VONSCHLEDORN	MARGARET VONSCHLEDORN			4	2	2	4	1	2	7	1	4	0	7	1	35	low	low
				4	2	3	4	4	2	7	4	0	0	4	1	35	low	low
		N5072 E																
NIGEL M CAMERON	SHENACH J CAMERON	WATER ST N4815 LAKE	JUNEAU	4	2	2	1	1	2	7	4	0	2	7	1	33	low	low
CLIVE FRAZIER TRUST		DR	HUSTISFORD	4	2	3	4	8	2	0	0	0	2	7	1	33	low	low
		N4809 LAKE																
CLIVE FRAZIER TRUST		DR	HUSTISFORD	4	2	3	4	8	2	0	0	0	2	7	1	33	low	low
ERNIE VONSCHLEDORN	MARGARET VONSCHLEDORN			4	2	3	8	1	2	7	1	0 4	2	7	1	33	low	low
BETHANY EV LUTH	WARGARET VONSCHLEDORN			4		3	4	'		· '	<u>'</u>	4	0	1	-	30	low	low
CONG		260 N LAKE ST	HUSTISFORD	0	2	4	1	0	2	0	0	0	2	7	12	30	low	low
		N4327																
ARDELL KIEFER	GERDA E KIEFER	COUNTY ROAD E	HUSTISFORD	2	2	4	4	0	2	0	0	0	2	7	12	35	low	low
		300 N RIDGE																
GARY P TAUBERT	MICHELE M SALAMONE	ST	HUSTISFORD	2	2	2	4	0	2	7	4	0	2	4	1	30	low	low
LOUIS R LINSMEYER	CORINNE G LINSMEYER	451 W JUNEAU ST	HUSTISFORD	2	2	2	4	0	2	7	0	0	2	7	1	29	low	low
ERNIE	CORININE G LINSIMETER	31	HUSTISFURD	2		2	4	0		-	0	0		,	-	29	IOW	IOW
VOPNSCHLEDORN	MARGARET VONSCHLEDORN			4	1	2	1	1	2	7	1	7	0	1	1	28	low	low
		N5226								_								
T & T MASONRY INC		WILDCAT RD W4943	IRON RIDGE	2	2	3	1	0	2	7	0	0	2	7	1	27	low	low
		COUNTY																
MARY DOUGHTY		ROAD S	HORICON	0	2	3	1	0	2	7	0	0	1	4	1	21	low	low
RUSSELL M COLEY TRUST				2	2	2	1	0	2	0	0	1	2	7	1	20	low	low
11(03)		N4870					'	0		0		-		,	-	20	IOW	IOW
RUSSELL M COLEY		SINISSIPPI		_						_								
TRUST	MADCADET VONCCUI EDODN	POINT RD	JUNEAU	7	2	4	1	0	3	7	1	7	0	1	12	40	low	low
ERNIE VONSCHLEDORN	MARGARET VONSCHLEDORN	N4625 LAKE		2		4	-	U	3	-	-	-	0	1	12	40	low	low
CLIFFORD H MAAS	SHERRY L MAAS	DR	HUSTISFORD	4	2	3	4	8	2	0	0	0	2	7	12	44	low	low
GREATER MILWAUKEE	PROPERTIES INC	N4945 LAKE DR	HUSTISFORD	4	2	3	4	8	3	7	1	0	2	7	1	42	low	low
ERNIE VONSCHLEDORN	MARGARET VONSCHLEDORN	DIX	TIOSTISI OND	4	2	2	4	1	2	7	1	4	0	7	1	35	low	low
ERRIE VORGONIEEDORGV	WWW.COURT VOICEONEEDONIA	NO#N RIDGE		1		_	1	·		i '	i i	1		,	<u> </u>	- 00	1011	1000
VIRGINIA ERDMAN	GERDA KIEFER	ST SHED		7	2	2	4	8	2	7	0	0	1	7	1	41	low	low
JEFFREY A HODORSKI	SARA A STRASSBURG	234 N LAKE ST	HUSTISFORD	0	2	3	1	0	2	7	0	0	2	7	12	36	low	low
		N5071																
R THOMAS SAETHER	KATHERINE E SAETHER	SPEARHEAD TR	JUNEAU	4	2	3	4	8	2	7	0	0	2	7	1	40	low	low
		277 N RIDGE																
MERLIN H HANDEL	CYNTHIA S KUNZ	ST	HUSTISFORD	4	2	3	4	8	2	7	0	0	2	7	1	40	low	low
PATRICK A SADOWSKI		W4323 STRANGE RD	IRON RIDGE	4	2	3	4	4	2	7	1	4	1	7	1	40	low	low
		JINANGE RU	INON KIDGE	7		J	-	4		1	-	7	<u> </u>	,	<u> </u>	40	IOW	1000
STATE OF WISCONSIN DNR				4	1	2	4	1	2	7	0	0	2	4	12	39	low	low
				4	2	3	8	1	3	7	1	0	2	7	1	39	low	low
\#DO!!!!A FDD!!!A!!	05004 1/15550	267 N RIDGE								_	_							
VIRGINIA ERDMAN	GERDA KIEFER	ST 294 N LAKE ST	HUSTISFORD	0	2	4	1	8	2	7	0	0	1	7	1 12	39	low	low
STRASSBURG TRUST J SCOTT TODD		284 N LAKE ST 244 N LAKE ST	HUSTISFORD	0	2	3	1	0	2	7	0	0	2	7	12 12	37	low	low
0.000111000		N4521	TIOGTIGI GIND			, ,	<u>'</u>	0		,		0		,	12	30	IOVV	1044
		COUNTY								_				_		l	.	
PETER PARENTE		ROAD E	HUSTISFORD	2	2	3	4	0	2	7	0	0	2	7	12	41	low	low
		ANTHONY		1			1					1						

WNER 1	OWNER 2	Property Address	Property City	MFS	D20S	D100S	SGS	sos	BHS	BCS	BVS	BSS	ASS	AVS	BWS	EIS	EIS CAT	SWH CAT
STATE OF WISCONSIN	OWNLIX_2	Addicas	Froperty City	IVII O	D203	D1003	303	303	סוום	DC3	DVO	DOO	AUU	AVS	DVV3	LIG	LIS_CAT	- SWII_CAI
DNR				4	1	3	4	8	2	7	7	0	2	7	12	57	moderate	NA
WATER BLYCOT		ANTHONY								_				_	40			
JAMES D VOGT		ISLAND N4513		4	2	3	8	8	2	7	0	0	2	7	12	55	moderate	NA
		ANTHONY								_				_				
JAMES D VOGT		ISLAND N5160	HUSTISFORD	4	2	3	8	8	2	7	0	0	2	7	12	55	moderate	NA
		BUTTERNUT																
LILLIAN PIEPER	WALLACE PIEPER	CT W4863	JUNEAU	4	2	3	8	1	2	7	0	0	2	7	12	48	moderate	NA
		COUNTY																
BERNARD A COHEN		ROAD S N5813 W	HORICON	0	2	2	4	0	2	7	1	7	0	1	1	27	low	low
		HORSESHOE																
NORBERT O HANSON JR	CATHY L HANSON	RD	HORICON	4	2	2	4	0	2	7	1	4	0	1	1	28	low	low
BERNARD A COHEN				0	2	2	8	0	2	7	1	7	0	1	12	42	low	low
BRIAN J HEARLEY	HEATHER M HEARLEY	N5729 HILLVIEW LN	HORICON	4	2	2	4	8	2	7	1	4	0	1	1	36	low	low
STATE OF WISCONSIN	TIES (TITLE) (TEET		710140011	· ·	_	_			_		· ·		ļ .	·		- 00		
DNR				4	1	3	4	8	2	7	7	0	2	7	12	57	moderate	NA
RUDYARD RADLOFF				4	2	3	8	8	3	7	1	7	0	7	1	51	moderate	NA
CARY R WIEMANN	CUDICTINE D WIEMANN	W4357	IDON DIDOE	,	2	_	4	,	2					7	1	20	laur	law
GARY R WIEMANN	CHRISTINE D WIEMANN	STRANGE RD W4353	IRON RIDGE	4	2	3	4	4		0	0	0	1	1	-	28	low	low
DAVID S CHARTIER		STRANGE RD	IRON RIDGE	4	2	3	4	4	2	7	4	0	0	4	1	35	low	low
		W4347																
ARTHUR A LUKOWITZ	AUDREY T LUKOWITZ	STRANGE RD	IRON RIDGE	4	2	3	4	8	2	7	1	0	2	7	1	41	low	low
ROBERT H ALTERGOTT	THERESA A ALTERGOTT	W4343 STRANGE RD	IRON RIDGE	4	2	3	4	8	2	7	0	0	2	7	1	40	low	low
ROBERTHALTERGOTT	ITIENESA A ALTENGOTT	W4339	IKON KIDGE	-		3	-			,		0		,	'	40	IOW	IOW
PATRICIA A LAPORTE		STRANGE RD	IRON RIDGE	4	2	3	4	8	2	7	0	0	1	7	1	39	low	low
		W4331																
WILLIAM A DIONNE	CYNTHIA J DIONNE	STRANGE RD	IRON RIDGE	4	2	3	4	4	2	7	1	1	1	7	1	37	low	low
PATRICK A SADOWSKI		W4323 STRANGE RD	IRON RIDGE	4	2	3	4	4	2	7	1	4	1	7	1	40	low	low
TATTORACORDOVICIO		W4319	INCIVINIDOL	1			7	7	_		<u> </u>	1	<u> </u>	,	<u> </u>	10	1000	1011
GLEN C EIFERT	LOUANN EIFERT	STRANGE RD	IRON RIDGE	4	2	3	4	4	2	0	0	0	2	7	1	29	low	low
		W4315																
MICHAEL R WAMSER		STRANGE RD	IRON RIDGE	4	2	3	8	4	2	0	0	0	2	7	1	33	low	low
JAMES E ZIMMERMAN	JUDITH G ZIMMERMAN	W4313 STRANGE RD	IRON RIDGE	4	2	3	8	4	2	0	0	0	2	7	1	33	low	low
		W4309								-								
JAMES E GORTON	KATHERINE A GORTON	STRANGE RD	IRON RIDGE	4	2	3	8	4	2	0	0	0	2	7	1	33	low	low
		W4305												_	١.			
MERLIN D PIEPER LUCIA R RADLOFF	RUTH A PIEPER	STRANGE RD	IRON RIDGE	2	2	2	8	1	2	7	1	7	0	7	1	29 36	low	low
RUDYARD RADLOFF				2	2	2	1	1	2	7	1	7	0	1	1	27	low	low
LUCIA R RADLOFF				4	2	2	4	1	2	7	1	4	0	4	1	32	low	low
LUCIA R RADLOFF				4	2	2	4	1	3	7	1	7	0	4	1	36	low	low
EUGENE A SCHLOSSER		NO# SHED		4	2	2	4	1	2	7	1	4	0	4	1	32	low	low
JAY GILLICH				4	1	2	4	1	2	7	1	7	1	7	1	38	low	low
STATE OF WISCONSIN DNR				4	1	2	4	1	2	7	0	0	2	4	12	39	low	low
		N5703																
JAMES A MCCARTNEY	CARLA J MCCARTNEY	HILLVIEW LN	HORICON	2	2	3	8	1	2	7	1	4	0	1	12	43	low	low
		W4780 CLUB	JUNEAU	4	2	3	8	8	2	7	0	0		4	12	51	moderate	NA

WNER_1	OWNER_2	Property Address	Property City	MFS	D20S	D100S	SGS	sos	BHS	BCS	BVS	BSS	ASS	AVS	BWS	EIS	EIS_CAT	SWH_CAT
MAE SCHWENSOW		W4828 CLUB GROUNDS RD	JUNEAU	4	1	2	4	1	2	7	1	7	0	7	1	37	low	low
MAE SCHWENSOW		N5340 CLUB GROUNDS RD	JUNEAU	0	2	3	1	0	2	7	1	7	1	4	12	40	low	low
JUNEAU SPORTING CLUB	%STEVE KRANZ	W4740 CLUB GROUNDS RD	JUNEAU	0	2	3	1	0	2	7	1	7	1	4	12	40	low	low
CHAD C BUELTER	CARLA A BUELTER	N5350 CLUB GROUNDS RD	JUNEAU	4	2	2	1	1	2	7	1	7	1	4	12	44	low	low
ERNIE VONSCHLEDORN	MARGARET VONSCHLEDORN			4	2	2	4	1	2	7	1	4	0	7	1	35	low	low
ERNIE VONSCHLEDORN	MARGARET VONSCHLEDORN			2	2	4	1	0	3	7	1	7	0	1	12	40	low	low
ERNIE VOPNSCHLEDORN	MARGARET VONSCHLEDORN			4	1	2	1	1	2	7	1	7	0	1	1	28	low	low
ERNIE VONSCHLEDORN	MARGARET VONSCHLEDORN			4	2	2	4	1	2	7	1	4	0	7	1	35	low	low
ERNIE VONSCHLEDORN	MARGARET VONSCHLEDORN	N5200		4	2	3	4	1	2	7	1	4	0	7	1	36	low	low
HELEN HERBER TRUST	%WILLIAM & HELEN HERBER	SINISSIPPI POINT RD	JUNEAU	4	2	3	8	1	2	7	0	0	2	7	12	48	moderate	NA
		N5205 SINISSIPPI																
WERNER MUELLER	ROSINA MUELLER	POINT RD N5195	JUNEAU	4	2	3	8	8	3	7	1	1	2	7	12	58	moderate	NA
		SINISSIPPI								_		_		_				
DENNIS J ANDREW	DENISE M ANDREW	POINT RD N5169	JUNEAU	4	2	3	8	8	3	7	1	7	2	7	12	64	moderate	NA
BRUCE A WALTERS	VIRGINIA F WALTERS	SINISSIPPI POINT RD	JUNEAU	4	2	3	4	8	2	7	0	0	2	7	1	40	low	low
		N5161 SINISSIPPI																
LARRY H KASSENS	BIBIANA KASSENS	POINT RD N5155	JUNEAU	4	2	3	4	8	2	7	1	7	1	1	1	41	low	low
P HENDRICKSON		SINISSIPPI								_		_					1	1
(VANDEHEI)		POINT RD N5139	JUNEAU	4	2	3	4	8	2	7	1	7	1	1	1	41	low	low
GEORGE FEIST JR	MARY A FEIST	SINISSIPPI POINT RD	JUNEAU	4	2	3	4	8	3	7	4	1	1	7	1	45	low	low
		N5131 SINISSIPPI																
LEE J & KAREN L	HARTENSTEIN TRUST	POINT RD N5123	JUNEAU	4	2	3	4	8	2	0	0	0	2	7	1	33	low	low
BERNICE MITKEY TRUST		SINISSIPPI POINT RD	JUNEAU	4	2	3	4	8	2	0	0	0	0	7	1	31	low	low
DETAILOR WITHER THOO		N5117 SINISSIPPI	CONEAC	<u> </u>			<u> </u>							,	· ·	01	low	1000
JAMES E PIKE	DIANE B PIKE	POINT RD	JUNEAU	4	2	2	4	8	2	0	0	0	1	7	1	31	low	low
FREDERIC R WEEG		N5109 SINISSIPPI								_								
TRUST	ANNA WEEG TRUST	POINT RD N5105	JUNEAU	4	2	3	4	8	2	7	1	0	1	1	1	34	low	low
WILLIAM G KAZLAUSKAS	MARYANN L KAZLAUSKAS	SINISSIPPI POINT RD	JUNEAU	4	2	3	4	8	2	7	0	0	1	7	1	39	low	low
		N5192 SINISSIPPI																
TRENT E THOM		POINT RD N5186	JUNEAU	4	2	3	8	1	2	7	1	0	2	7	12	49	moderate	NA
JOHN K FLASZA	CHRISTINE A FLASZA	SINISSIPPI POINT RD	JUNEAU	4	2	2	8	1	2	7	0	0	1	7	6	40	low	low
RICKY A ROGOWSKI		N5180 SINISSIPPI POINT RD	JUNEAU	4	2	2	4	1	2	7	4	0	0	4	1	31	low	low
JERRY J PEARCE		N5174 E WATER ST	JUNEAU	4	2	2	4	1	2	7	1	1	2	7	1	34	low	low
DENNIS UECKER	CAROL A LAPORTE	N5168 E WATER ST	JUNEAU	4	2	2	4	1	2	7	4	0	2	7	1	36	low	low
		N5160 E																
EDITH ARBITURE TRUST	GERALD ARBITURE TRUST	WATER ST	JUNEAU	4	2	2	1	1	2	7	4	0	2	7	1	33	low	low

WNER_1	OWNER_2	Property Address	Property City	MFS	D20S	D100S	SGS	SOS	BHS	BCS	BVS	BSS	ASS	AVS	BWS	EIS	EIS_CAT	SWH_CAT
MARK S WEIDNER		N5154 E WATER ST	JUNEAU	4	2	2	1	1	2	7	4	0	2	7	1	33	low	low
CARY E LICHTFELDT		N5146 E WATER ST	JUNEAU	4	2	2	1	1	2	7	0	0	2	7	1	29	low	low
HERBERT B SCHUBERT		N5136 E WATER ST	JUNEAU	4	2	2	1	1	2	0	0	0	2	7	1	22	low	low
ROSEMARIE M WILKINSON	ROBERT WILKINSON JR	N5128 E WATER ST	JUNEAU	4	2	2	1	1	2	7	0	0	2	1	1	23	low	low
STEPHEN M SHIMON	LINDA A SHIMON	N5120 E WATER ST	JUNEAU	4	2	2	1	1	2	7	0	0	2	7	1	29	low	low
NANCY F EICHENAUER		N5112 E WATER ST	JUNEAU	4	2	2	1	1	2	7	4	0	1	4	1	29	low	low
TERRY J SORENSEN	SHARDELL M SORENSEN	N5185 SINISSIPPI POINT RD	JUNEAU	4	2	3	4	8	2	0	0	1	2	7	12	45	low	low
CHRISTIAN W		N5175 SINISSIPPI																
WASCHULL	EDELTRAUD WASCHULL	POINT RD	JUNEAU	2	2	2	4	8 1	2	7	1	7	0	1	1	40	low	low
THIEME FARM INC MAE SCHWENSOW				4	2	3	8	4	2	7	1	7	0	4	12	30 54	low moderate	NA NA
GLORIA H STAUM		N5107 ARROWHEAD TR	JUNEAU	4	2	3	8	8	2	7	0	0	1	7	12	54	moderate	NA NA
ROBERT R PERRON TRUST	VALERIE L PERRON TRUST	N5108 ARROWHEAD TR	JUNEAU	4	2	3	8	1	2	7	0	0	2	7	1	37	low	low
PHILIP L ALLEN TRUST	BARBARA J ALLEN TRUST	N5112 ARROWHEAD TR	JUNEAU	4	2	3	8	1	2	7	0	0	2	7	12	48	moderate	NA
FRANKLIN H GIEBEL	SUSAN J GIEBEL	N4997 ARROWHEAD TR	JUNEAU	2	2	3	1	0	2	7	1	0	1	7	1	27		low
DENNIS M CHESNEY	GARY J CHESNEY	N5005 ARROWHEAD TR	JUNEAU	2	2	3	1	0	2	7	0	0	1	7	1	26	low	low
		N5015 ARROWHEAD																
KENNETH P LAWLOR	PATRICIA A LAWLOR	TR N5021 ARROWHEAD	JUNEAU	2	2	3	4	0	2	7	1	0	2	7	1	31	low	low
GLENN F LINDE SR  KENNETH J	AUDREY D LINDE	N5025 ARROWHEAD	JUNEAU	2	2	3	4	0	2	7	0	0	2	7	1	30	low	low
KINCZFOGEL		TR	JUNEAU	2	2	3	4	0	2	7	0	0	2	7	1	30	low	low
MARIE R LOSCH		N5031 ARROWHEAD TR	JUNEAU	2	2	3	4	0	2	7	0	0	2	7	1	30	low	low
JEANNE A WEBER		N5039 ARROWHEAD TR	JUNEAU	2	2	3	4	0	2	7	0	0	2	7	1	30	low	low
JOHN P NOONAN	BARBARA NOONAN	1	7.5.1.2.1.0	4	2	3	4	8	2	7	0	0	0	4	1	35	low	low
JOHN P NOONAN	BARBARA NOONAN	N5057 ARROWHEAD TR	JUNEAU	4	2	3	4	8	2	7	0	0	2	4	1	37	low	low
JOHN HOOMEN	D. II D. II V. I TOOTAN	N5063 ARROWHEAD	3311270	7			-			,				·		0.	1011	1011

WNER 1	OWNER 2	Property Address	Property City	MFS	D20S	D100S	SGS	sos	BHS	BCS	BVS	BSS	ASS	AVS	BWS	EIS	EIS CAT	SWH_CAT
RICHARD F HARKINS	JUNE L HARKINS	N5067 ARROWHEAD TR	JUNEAU	4	2	3	4	8	2	7	0	0	2	7	1	40	low	low
RALPH MALZEWSKI	VIRGINIA MALZEWSKI	N5081 ARROWHEAD TR	JUNEAU	4	2	3	4	8	2	0	0	0	2	7	12	44	low	low
F C BUSCHER JR TRUST	MARNA E BUSCHER TRUST	N5087 ARROWHEAD TR	JUNEAU	4	2	3	4	8	2	0	0	1	2	7	12	45	low	low
MARJORIE K SELL	III WANGE EDGGG I ZI K I K GG I	N5095 ARROWHEAD TR	JUNEAU	4	2	3	8	8	2	7	4	0	2	7	12	59	moderate	NA
MARK SOWA	RAECHEL D SOWA	N5096 ARROWHEAD TR	JUNEAU	2	2	3	8	0	2	7	0	0	2	7	1	34	low	low
BERNADETTE A LASSEN	IVALORILE D SOWA	N5090 ARROWHEAD TR	JUNEAU	2	2	2	4	0	2	7	4	0	2	7	1	33	low	low
WALTER M LEPLEY	JILL T LEPLEY	N5074 ARROWHEAD TR	JUNEAU	2	2	3	4	0	2	7	0	0	2	7	1	30	low	low
FELIX G PANAHON	BITUIN R PANAHON	N5066 ARROWHEAD TR	JUNEAU	2	2	3	4	0	2	7	0	0	2	7	1	30	low	low
DENNIS L POLZIN	GLORIA L POLZIN	N5058 ARROWHEAD CT	JUNEAU	2	2	3	4	0	2	0	0	1	2	7	1	24	low	low
ARTHUR J HAJEK	DOROTHY HAJEK	N5052 ARROWHEAD CT	JUNEAU	2	2	3	4	0	2	7	0	0	2	7	1	30	low	low
RICHARD W SPEAR TRUST		N5046 ARROWHEAD CT	JUNEAU	2	2	2	1	0	2	7	0	0	2	7	1	26	low	low
DARYL J FRENCH		N5040 ARROWHEAD CT	JUNEAU	2	2	2	1	0	2	0	0	0	1	7	1	18	low	low
PATRICK J BYLE		N5032 ARROWHEAD CT	JUNEAU	2	2	2	1	0	2	7	1	4	2	7	1	31	low	low
LONNIE SCHUETT	LINDA SCHUETT	N5026 ARROWHEAD CT	JUNEAU	2	2	3	1	0	2	0	0	0	1	7	1	19	low	low
DIANNA CARTLEDGE (STEPHE		N5018 ARROWHEAD CT	JUNEAU	2	2	3	1	0	2	7	0	0	1	7	1	26	low	low
DANNY CARTLEDGE	CARRIE CARTLEDGE	N4985 ARROWHEAD TR	JUNEAU	2	2	3	1	0	2	7	0	0	1	7	1	26	low	low
GARY J BECKER	ROXANE M BECKER	N4973 ARROWHEAD TR	JUNEAU	2	2	2	1	0	2	7	4	0	0	4	1	25	low	low
STEVEN J DANKMEYER	AIMEE L DANKMEYER	N4969 ARROWHEAD TR	JUNEAU	2	2	2	1	0	2	7	1	4	0	1	1	23	low	low
JONATHAN G RICKER	ROBIN J RICKER	N4963 ARROWHEAD TR	JUNEAU	2	2	2	1	0	2	7	1	4	0	1	1	23	low	low

WNER_1	OWNER_2	Property Address	Property City	MFS	D20S	D100S	SGS	sos	BHS	BCS	BVS	BSS	ASS	AVS	BWS	EIS	EIS_CAT	SWH_CAT
GORDON WOOLEVER	DARBY K O'CONNELL	N4955 ARROWHEAD TR	JUNEAU	2	2	2	1	0	2	7	1	4	0	1	1	23	low	low
LAWRENCE P SULLIVAN		N4898 ARROWHEAD TR	JUNEAU	2	2	2	1	0	2	7	1	7	0	1	1	26	low	low
NANCY F EICHENAUER		W4498 BUTTERNUT TR	JUNEAU	4	2	2	1	1	2	7	1	0	0	1	1	22	low	low
DONALD G CARTLEDGE	LUELLA M CARTLEDGE	W4495 BUTTERNUT TR	JUNEAU	2	2	2	1	0	2	7	1	1	0	1	1	20	low	low
MICHAEL V BAXTER	ANN BAXTER	N5086 E WATER ST	JUNEAU	2	2	2	1	0	2	7	1	1	0	1	1	20	low	low
PHYLLIS SENASE		N5080 E WATER ST	JUNEAU	4	2	2	1	1	2	7	1	0	1	1	1	23	low	moderate
NIGEL M CAMERON	SHENACH J CAMERON	N5072 E WATER ST	JUNEAU	4	2	2	1	1	2	7	4	0	2	7	1	33	low	moderate
WILLIAM R BEHLING		N5062 E WATER ST	JUNEAU	4	2	3	1	1	2	0	0	0	2	7	1	23	low	moderate
RICHARD L FOX	LISA K FOX			4	2	3	1	1	2	7	0	0	2	4	1	27	low	moderate
ROBERT I LUNDE	MARLYS H LUNDE	N5048 E WATER ST	JUNEAU	4	2	3	1	1	2	7	4	0	2	4	1	31	low	moderate
STEVEN E BARLEBEN		N5044 BUTTERNUT TR	JUNEAU	4	2	2	1	1	2	7	1	1	2	1	1	25	low	moderate
DONALD V MCMULLEN	KATHRYN M MCMULLEN	N5036 BUTTERNUT TR	JUNEAU	4	2	2	4	1	2	7	1	0	1	7	1	32	low	moderate
JOSEPH P BAHR		N5026 BUTTERNUT TR	JUNEAU	4	2	2	4	1	2	0	0	0	0	7	1	23	low	moderate
EDGARDO G SANDOVAL	JAZMIN D SANDOVAL	N5022 BUTTERNUT TR	JUNEAU	4	2	3	4	1	2	7	1	0	2	4	1	31	low	moderate
LINDA J BLASER	GERALD J MITZENHEIM	N5012 BUTTERNUT TR	JUNEAU	4	2	3	4	1	3	7	0	0	1	7	1	33	low	moderate
DON J JENSEN	PAULARENE JENSEN	N5004 BUTTERNUT TR	JUNEAU	4	2	3	4	1	3	7	4	0	2	7	1	38	low	moderate
KENNETH J ANTON	KENNETH O ANTON	W4425 BUTTERNUT TR	JUNEAU	2	2	2	1	0	2	7	0	0	0	0	1	17	low	low
KURT C SMITH	%DON L SMITH	N5099 SPEARHEAD TR	JUNEAU	4	2	3	4	8	2	0	0	0	2	7	1	33	low	low
ROBERT J PROKOPOWICZ	LINDA PROKOPOWICZ	N5095 SPEARHEAD TR	JUNEAU	4	2	3	4	8	2	0	0	0	2	7	1	33	low	low
MICHAEL J MAHOOD	BARBARA A MAHOOD	N5093 SPEARHEAD TR	JUNEAU	4	2	3	4	8	2	7	4	0	2	7	1	44	low	low
TROYE C FOX	AMY FORMILLER	N5087 SPEARHEAD TR	JUNEAU	4	2	3	4	8	2	7	0	0	2	7	1	40	low	low
DANA C FLOOR	BONNIE C FLOOR	N5083 SPEARHEAD TR	JUNEAU	4	2	3	4	8	2	0	0	0	2	7	1	33	low	low
JAMES L MAXWELL	MARYKAY MAXWELL	N5077 SPEARHEAD TR	JUNEAU	4	2	3	4	8	2	0	0	0	2	7	1	33	low	low
R THOMAS SAETHER	KATHERINE E SAETHER	N5071 SPEARHEAD TR	JUNEAU	4	2	3	4	8	2	7	0	0	2	7	1	40	low	low

JON DEBELAK  HUGO V IACCINO LUIGIN  WILLIAM E FOHEY  JAMES P HAUSCH II JENNIF  SALLY A REIGER (STEELE)  BRIAN J BOECK KATHY  JOHN R DREYER ANN L II  GLENN SCHMIDT  STEPHEN E CURBY CATHY  DONALD J KAZLAUSKAS JUDITH	N J MONFILS  NA IACCINO  IFER L MCCLEARN	Address N5061 SPEARHEAD TR N5057 SPEARHEAD TR N5053 SPEARHEAD TR N5047 SPEARHEAD TR N5037 SPEARHEAD TR N5037 SPEARHEAD TR N5029 SPEARHEAD TR N5029 SPEARHEAD TR N5023	JUNEAU JUNEAU JUNEAU JUNEAU JUNEAU	4 4 4 4	2 2 2	3 3 2	4 4	8 8 8	2 2	0 7	7 0	0 0	ASS 2 2	7 7	1 1	40 40	low	Iow
ROSEMARY A ARLEN  JON DEBELAK  HUGO V IACCINO LUIGIN  WILLIAM E FOHEY  JAMES P HAUSCH II JENNIF  SALLY A REIGER (STEELE)  BRIAN J BOECK KATHY  JOHN R DREYER ANN L II  GLENN SCHMIDT  STEPHEN E CURBY CATHY  DONALD J KAZLAUSKAS JUDITH	N J MONFILS  NA IACCINO  IFER L MCCLEARN	SPEARHEAD TR N5057 SPEARHEAD TR N5053 SPEARHEAD TR N5047 SPEARHEAD TR N5037 SPEARHEAD TR N5029 SPEARHEAD TR N5029 SPEARHEAD TR N5029 SPEARHEAD TR N5023	JUNEAU  JUNEAU  JUNEAU	4 4	2	3	4	8	2	7	0							
JON DEBELAK  HUGO V IACCINO  LUIGIN  WILLIAM E FOHEY  JAMES P HAUSCH II  SALLY A REIGER (STEELE)  BRIAN J BOECK  KATHY  JOHN R DREYER  ANN L II  GLENN SCHMIDT  STEPHEN E CURBY  CATHY  DONALD J KAZLAUSKAS  JUDITH	N J MONFILS  NA IACCINO  IFER L MCCLEARN	SPEARHEAD TR N5053 SPEARHEAD TR N5047 SPEARHEAD TR N5037 SPEARHEAD TR N5029 SPEARHEAD TR N5029 SPEARHEAD TR N5023	JUNEAU JUNEAU	4	2	2						0	2	7	1	40	low	low
JON DEBELAK  HUGO V IACCINO LUIGIN  WILLIAM E FOHEY  JAMES P HAUSCH II JENNIF  SALLY A REIGER (STEELE)  BRIAN J BOECK KATHY  JOHN R DREYER ANN L II  GLENN SCHMIDT  STEPHEN E CURBY CATHY  DONALD J KAZLAUSKAS JUDITH	NA IACCINO  IFER L MCCLEARN	NS053 SPEARHEAD TR NS047 SPEARHEAD TR NS037 SPEARHEAD TR NS029 SPEARHEAD TR N5029 SPEARHEAD TR	JUNEAU JUNEAU	4	2	2							_			40	1011	1011
HUGO V IACCINO  WILLIAM E FOHEY  JAMES P HAUSCH II  SALLY A REIGER (STEELE)  BRIAN J BOECK  KATHY  JOHN R DREYER  ANN L II  GLENN SCHMIDT  STEPHEN E CURBY  CATHY  DONALD J KAZLAUSKAS  JUDITH	NA IACCINO  IFER L MCCLEARN	N5047 SPEARHEAD TR N5037 SPEARHEAD TR N5029 SPEARHEAD TR N5023	JUNEAU	4			4	8					_	_	1.		1.	
WILLIAM E FOHEY  JAMES P HAUSCH II JENNIF  SALLY A REIGER (STEELE)  BRIAN J BOECK KATHY  JOHN R DREYER ANN L II  GLENN SCHMIDT  STEPHEN E CURBY CATHY  DONALD J KAZLAUSKAS JUDITH	IFER L MCCLEARN	TR N5037 SPEARHEAD TR N5029 SPEARHEAD TR N5023	JUNEAU		2	3				7	0	0	2	7	1	39	low	low
JAMES P HAUSCH II JENNIF SALLY A REIGER (STEELE)  BRIAN J BOECK KATHY  JOHN R DREYER ANN L I  GLENN SCHMIDT  STEPHEN E CURBY CATHY  DONALD J KAZLAUSKAS JUDITH	IFER L MCCLEARN	SPEARHEAD TR N5029 SPEARHEAD TR N5023		2		-	4	8	2	7	0	0	2	7	1	40	low	low
SALLY A REIGER (STEELE)  BRIAN J BOECK KATHY  JOHN R DREYER ANN L I  GLENN SCHMIDT  STEPHEN E CURBY CATHY  DONALD J KAZLAUSKAS JUDITH	IFER L MCCLEARN	SPEARHEAD TR N5023			2	2	4	0	2	7	0	0	2	7	1	29	low	low
SALLY A REIGER (STEELE)  BRIAN J BOECK KATHY  JOHN R DREYER ANN L I  GLENN SCHMIDT  STEPHEN E CURBY CATHY  DONALD J KAZLAUSKAS JUDITH		N5023	JUNEAU	2	2	2	1	0	2	7	0	0	1	7	1	25	low	low
BRIAN J BOECK KATHY  JOHN R DREYER ANN L I  GLENN SCHMIDT  STEPHEN E CURBY CATHY  DONALD J KAZLAUSKAS JUDITH			JUNEAU				'	0			0	0	-	<i>'</i>	-	23	low	IOW
JOHN R DREYER ANN LI  GLENN SCHMIDT  STEPHEN E CURBY CATHY  DONALD J KAZLAUSKAS JUDITH		SPEARHEAD TR	JUNEAU	2	2	2	1	0	2	7	0	0	1	4	1	22	low	low
JOHN R DREYER ANN LI  GLENN SCHMIDT  STEPHEN E CURBY CATHY  DONALD J KAZLAUSKAS JUDITH		N5017 SPEARHEAD																
GLENN SCHMIDT  STEPHEN E CURBY  CATHY  DONALD J KAZLAUSKAS  JUDITH		TR N5009	JUNEAU	2	2	3	1	0	2	7	4	0	0	4	1	26	low	low
GLENN SCHMIDT  STEPHEN E CURBY  CATHY  DONALD J KAZLAUSKAS  JUDITH		SPEARHEAD TR	JUNEAU	2	2	2	1	0	2	0	4	0	2	7	1	23	low	low
STEPHEN E CURBY CATHY  DONALD J KAZLAUSKAS JUDITH		N5001 SPEARHEAD				_	_			_	,			_		0.4		
DONALD J KAZLAUSKAS JUDITH		TR N4997	JUNEAU	2	2	2	1	0	2	7	4	1	2	7	1	31	low	low
	IY E CURBY	SPEARHEAD TR W4991	JUNEAU	2	2	3	1	0	2	0	4	0	2	7	1	24	low	low
WILLIAM P RADES SANDR	TH L KAZLAUSKAS	SPEARHEAD TR	JUNEAU	2	2	3	1	0	3	0	0	0	2	7	1	21	low	low
		N4985 SPEARHEAD TR	JUNEAU	2	2	3	1	0	2	0	0	0	2	7	1	20	low	low
		N4977 SPEARHEAD																
MARK VALERUGO DON V		TR N4973 SPEARHEAD	JUNEAU	2	2	3	1	0	2	7	0	0	2	7	1	27	low	low
CARROL W MESNER DONAL	ALYN L MESNER	TR N4969	JUNEAU	2	2	3	1	0	2	7	4	0	2	7	1	31	low	low
RICHARD J MEYERS BARBA		SPEARHEAD TR	JUNEAU	2	2	3	1	0	2	0	0	0	2	7	1	20	low	low
GEORGE V KAEMMERER LINDA		N4963 SPEARHEAD TR	JUNEAU	2	2	2	1	0	2	7	4	0	2	7	1	30	low	low
		N4955 SPEARHEAD					1										low	
NORMAN P RAND SHIRLE	LEY C RAND	TR N4943	JUNEAU	2	2	2	1	0	2	7	4	0	2	7	1	30	low	low
ALFRED M SCHULTZ SR ALICE I	M SCHULTZ	SPEARHEAD TR N4939	JUNEAU	2	2	2	1	0	2	0	0	0	2	7	1	19	low	low
WILBUR H MOSS CAROL	DLYN B MOSS	SPEARHEAD TR	JUNEAU	2	2	2	1	0	2	7	0	0	2	7	1	26	low	low
PAUL G WOLFRAM JULIE A		N4931 SPEARHEAD TR	JUNEAU	2	2	2	1	0	2	7	4	0	2	7	1	30	low	low
		N4927 SPEARHEAD TR	JUNEAU	2	2	2	1	0	2	7	0	0	1	7	1	25		
DEUTSCHE BANK TRUST %HOMI		N4915 SPEARHEAD TR	JUNEAU	2	2	2	1	0	2	7	1	4	2	4	1	28	low	low

WAITE 4	OWNED 0	Property	D 1 00	1450	D000	D.1000	200	200	DUIG	D00	D) (O	D00	400	A) (O	DIMO	FIG	FIG. 04T	0444 047
WNER_1	OWNER_2	Address N4909	Property City	MFS	D20S	D100S	SGS	SOS	BHS	BCS	BVS	BSS	ASS	AVS	BWS	EIS	EIS_CAT	SWH_CAT
		SPEARHEAD								_				_				
KAREN P O'GORMAN		TR N4903	JUNEAU	2	2	2	1	0	2	7	0	0	1	7	1	25	low	low
		SPEARHEAD								_								
JOYCE A MARTIN	MADVANIN KDUDA	TR	JUNEAU	2	2	2	1	0	2	7	0	0	1	7	1	25	low	low
RONALD L KRUPA	MARYANN KRUPA	N4904		7	2	3	4	1	2	7	4	4	2	7	1	44	low	moderate
		BUTTERNUT		_						_				_				
ROBERT M VINZ		TR N4996	JUNEAU	7	2	3	4	1	2	7	0	0	2	7	1	36	low	moderate
		BUTTERNUT																
FRED M GARCIA	LOURDES M GARCIA	TR N4990	JUNEAU	4	2	3	4	1	3	7	0	0	2	7	1	34	low	moderate
		BUTTERNUT																
JEAN A MUELLER	JESSIE L MUELLER	TR N4986	JUNEAU	4	2	2	4	1	2	7	0	0	2	7	1	32	low	moderate
		BUTTERNUT																
MARY MUELLER	STANLEY WRECZYCKI	TR	JUNEAU	4	2	3	4	1	3	7	0	0	2	7	1	34	low	moderate
		N4978 BUTTERNUT																
ROBERT A STUMPNER	SUSAN A STUMPNER	TR	JUNEAU	4	2	3	4	1	3	7	4	0	2	4	1	35	low	moderate
		N4972 BUTTERNUT																
JAMES S CZUPRYNSKI	RUTH A CZUPRYNSKI	TR	JUNEAU	7	2	3	4	1	2	7	0	0	2	7	1	36	low	moderate
		N4960 BUTTERNUT																
LESLEY A MOSHER	LILLIAN P GOLLNICK	TR	JUNEAU	7	2	3	4	1	2	7	1	0	2	4	1	34	low	moderate
		N4956 BUTTERNUT																
CHARLOTTE S SZMANDA		TR	JUNEAU	7	2	3	4	1	2	7	0	0	2	7	1	36	low	moderate
		N4950																
ALBERT C KNAAK	CAROL A KNAAK	BUTTERNUT TR	JUNEAU	7	2	3	4	1	2	0	0	0	2	7	1	29	low	moderate
		N4942							_		-							
ARNOLD G HOEFT	NANCY L HOEFT	BUTTERNUT TR	JUNEAU	7	2	3	4	1	2	7	0	0	2	7	1	36	low	moderate
7444OLD OTIOLIT	TO THOSE T	N4934	CONTENTO	<u> </u>			7			· ·	, , , , , , , , , , , , , , , , , , ,	-		,		00	1011	moderate
RICK JACKSON	DIANNE SUKOVICH	BUTTERNUT TR	JUNEAU	7	2	3	4	1	2	7	0	0	2	7	1	36	low	moderate
NICK JACKSON	DIANNE SOROVICIT	N4926	JONLAG	<b>'</b>		J	-			· '	0			,	'	30	IOW	moderate
DEDODA A WALLACE		BUTTERNUT	II INIT ALL	7	2		_	1	2	7	0		2	7	1	26	law	madarata
DEBORA A WALLACE		TR N4918	JUNEAU	1		3	4	1		-	U	0		/	1	36	low	moderate
DENIEDIOT LANDUIGALA		BUTTERNUT		_						_				_				
BENEDICT J MRUGALA		TR N4914	JUNEAU	7	2	3	4	1	2	7	0	0	2	7	1	36	low	moderate
		BUTTERNUT								_								
NANCY M RUDE		TR	JUNEAU	7	2	2	4	1	2	7	4	0	0	7	1	40	low	moderate
JAY GILLICH		W4113		2			1	0		-	4	0	U	4	<u> </u>	25	low	moderate
KEVIN P MCDONALD	MARYANN A MCDONALD	WILDCAT RD	IRON RIDGE	2	2	2	1	0	2	7	1	4	0	4	1	26	low	moderate
		W4105																
JAY GILLICH		WILDCAT RD	IRON RIDGE	2	2	2	1	0	2	7	4	0	0	4	1	25	low	moderate
JAY GILLICH				2	2	2	8	0	2	7	4	0	0	4	1	32	low	moderate
PHYLLIS A RUTZ	PATRICIA A HILL	N5267 WILDCAT RD	IRON RIDGE	4	2	2	4	8	2	0	0	0	1	7	1	31	low	low
		N5261				_	Ė		_			_	·		Ė			.5
LARRY C PAGEL	CAROLYN M PAGEL	WILDCAT RD	IRON RIDGE	4	2	3	4	8	2	0	0	0	2	7	1	33	low	low
		N5255								_				_		l	.	
ROBERT E KERSTEN	LINDA R KERSTEN	WILDCAT RD	IRON RIDGE	4	2	3	4	8	2	7	4	0	2	7	1	44	low	low
STEVE ROSENBLUM	%FIRST BANK MORTGAGE	N5249 WILDCAT RD	IRON RIDGE	4	2	3	4	8	2	7	0	0	2	7	1	40	low	low
I. I	D MORTONOL	N5243		<u> </u>	<u> </u>	,	<u> </u>	<u> </u>		i i	<u> </u>				Ė			
TIMOTHY P WAGNER		WILDCAT RD	IRON RIDGE	4	2	3	4	8	2	7	4	0	2	7	1	44	low	low

WNER_1	OWNER_2	Property Address	Property City	MFS	D20S	D100S	SGS	SOS	BHS	BCS	BVS	BSS	ASS	AVS	BWS	EIS	EIS_CAT	SWH_CAT
MICHAEL J MERTZ		N5239 WILDCAT RD	IRON RIDGE	4	2	3	4	8	2	7	0	0	2	7	1	40	low	moderate
ALVARO ALEMAN	MAYRA ALEMAN	N5235 WILDCAT RD	IRON RIDGE	4	2	3	4	8	2	7	0	0	2	7	1	40	low	moderate
TERRANCE J SWAN	SUSAN M SWAN	N5229 WILDCAT RD	IRON RIDGE	4	2	3	4	8	2	7	0	0	2	7	1	40	low	moderate
DARRYL B CREMER	JANE E CREMER	N5221 WILDCAT RD	IRON RIDGE	4	2	3	4	8	2	7	0	0	2	7	1	40	low	moderate
RICHARD J KREUL	MARYANN KREUL	N5215 WILDCAT RD	IRON RIDGE	4	2	3	4	8	2	7	0	0	2	7	1	40	low	moderate
JOSEPH J WAGNER SR	GERTRUDE WAGNER	N5211 WILDCAT RD	IRON RIDGE	4	2	3	4	8	2	7	0	0	2	7	1	40	low	moderate
SUSAN J BRAEMER		N5207 WILDCAT RD	IRON RIDGE	4	2	3	4	8	2	7	0	0	2	7	1	40	low	moderate
GORDON TRAPP		N5203 WILDCAT RD	IRON RIDGE	4	2	3	4	8	2	7	4	0	2	7	1	44	low	moderate
RICHARD W GRADY	DONNALEE GRADY	N5202 WILDCAT RD	IRON RIDGE	4	2	3	4	8	2	7	0	0	2	7	1	40	low	low
LEEROY COWEN	EMILY T COWEN			4	2	3	1	1	2	7	4	0	2	7	1	34	low	low
LEEROY COWEN	EMILY T COWEN	N5212 WILDCAT RD	IRON RIDGE	4	2	3	1	1	2	7	4	0	2	7	1	34	low	low
MATTHEW A CHMIELEWSKI	KATHRYN A CHMIELEWSKI	N5218 WILDCAT RD	IRON RIDGE	4	2	3	1	1	2	7	0	0	2	7	1	30	low	low
BONNETTE LIKWARZ	THOMAS LIKWARZ	N5222 WILDCAT RD	IRON RIDGE	2	2	3	1	0	2	7	0	0	2	7	1	27	low	low
T & T MASONRY INC		N5226 WILDCAT RD	IRON RIDGE	2	2	3	1	0	2	7	0	0	2	7	1	27	low	low
MATTHEW J LIKWARZ	PAULETTE R BACK	N5230 WILDCAT RD	IRON RIDGE	2	2	3	1	0	2	7	0	0	2	7	1	27	low	low
FREDERICK C SPIERING	SUSAN M GREIFENHAGEN	N5236 WILDCAT RD	IRON RIDGE	2	2	3	1	0	2	7	0	0	2	7	1	27	low	low
MICHAEL ALLES		N5240 WILDCAT RD	IRON RIDGE	2	2	3	1	0	2	7	7	0	2	7	1	34	low	low
GLORIA J WITTNEBEL		N5244 WILDCAT RD	IRON RIDGE	2	2	3	1	0	2	7	1	0	2	4	1	25	low	low
PATRICIA A WILLIAMS		N5250 WILDCAT RD	IRON RIDGE	2	2	3	1	0	2	7	0	0	2	1	1	21	low	low
ROGER FUTTERER	CHERI FUTTERER	N5256 WILDCAT RD	IRON RIDGE	2	2	2	1	0	2	7	0	0	2	7	1	26	low	low
MILES F RILEY	BRENDAN S RILEY	N5262 WILDCAT RD	IRON RIDGE	2	2	2	1	0	2	7	0	0	0	7	1	24	low	low
THOMAS G SHEEHAN	KIM N SHEEHAN	N5270 WILDCAT RD	IRON RIDGE	0	2	2	1	0	2	7	4	0	1	4	1	24	low	low
DAVID M SWAN	MISTY L SWAN	N5195 WILDCAT RD	IRON RIDGE	4	2	3	4	8	2	7	0	0	2	7	1	40	low	moderate
HOWARD KROHN	BARBARA L KROHN	N5194 WILDCAT RD	IRON RIDGE	2	2	3	1	0	2	7	0	0	2	7	1	27	low	low
BLAINE R BURGE	TERRY A BURGE	N5187 + WILDCAT RD	IRON RIDGE	4	2	3	4	8	2	7	0	0	2	7	1	40	low	moderate
BLAINE R BURGE	TERRY A BURGE	N5187 + WILDCAT RD	IRON RIDGE	4	2	3	4	8	2	7	0	0	2	7	1	40	low	moderate
FRANK P MONACO TRUST	MARY F MONACO TRUST	N5183 WILDCAT RD	IRON RIDGE	4	2	3	4	8	2	7	0	0	2	7	1	40	low	moderate
PAULA J COLLINS		N5179 WILDCAT RD	IRON RIDGE	4	2	3	8	8	2	7	0	0	2	7	1	44	low	moderate
WILLIAM R LANGE JR	LORI B LANGE	N5175 WILDCAT RD	IRON RIDGE	4	2	3	8	8	2	0	0	0	2	7	1	37	low	moderate

WNER_1	OWNER_2	Property Address	Property City	MFS	D20S	D100S	SGS	sos	BHS	BCS	BVS	BSS	ASS	AVS	BWS	EIS	EIS_CAT	SWH_CAT
JOHANN PARAPATICS	MARIA VACCARO	N5169 WILDCAT RD	IRON RIDGE	4	2	3	8	8	2	7	0	0	2	7	1	44	low	moderate
MICHAEL R MADDEN	SALLYANN MADDEN	N5161 WILDCAT RD	IRON RIDGE	4	2	3	8	8	2	0	0	0	2	7	1	37	low	moderate
JAMES E GRONOWSKI		N5155 WILDCAT RD	IRON RIDGE	4	2	3	8	4	2	7	0	0	2	7	1	40	low	moderate
NORMAN A KOHLI TRUST	LUCY A KOHLI TRUST	N5149 WILDCAT RD	IRON RIDGE	7	2	3	8	4	2	7	0	4	2	7	1	47	low	moderate
DONALD J ABBOTT	THERESA J ABBOTT	N5145 WILDCAT RD	IRON RIDGE	4	2	3	8	1	2	7	0	0	2	7	1	37	low	moderate
STEPHEN E BRADFIELD		N5150 WILDCAT RD	IRON RIDGE	4	2	3	8	1	2	7	4	0	2	7	1	41	low	moderate
WILLIAM P JONES SR	DIANE M JONES	N5156 WILDCAT RD	IRON RIDGE	2	2	2	8	0	2	7	0	0	2	7	1	33	low	moderate
MARTENS-TRILLING TRUE	VALUE HARDWARE INC			2	2	2	8	0	3	7	0	0	2	7	1	34	low	moderate
MARTENS-TRILLING TRUE	VALUE HARDWARE INC	N5166 WILDCAT RD	IRON RIDGE	2	2	2	8	0	3	7	0	0	2	7	1	34	low	moderate
STEVEN J KLIGIS	CAROL KLIGIS	N5174 WILDCAT RD	IRON RIDGE	2	2	2	8	0	2	7	0	0	2	7	1	33	low	low
MAX J HORWATICH TRUST	JUDITH A HORWATICH TRUST	N5180 WILDCAT RD	IRON RIDGE	2	2	2	4	0	2	7	0	0	2	1	1	23	low	low
HOWARD KROHN	BARBARA L KROHN	N5194 WILDCAT RD	IRON RIDGE	2	2	3	4	0	2	7	0	0	2	7	1	30	low	low
LUCIA R RADLOFF				4	2	2	8	8	2	7	1	7	0	7	1	49	moderate	NA
ROBERT S JAVOROSKI	LYNNANNE JAVOROSKI	N5106 BUTTERNUT CT	JUNEAU	4	2	3	8	1	2	7	4	0	2	7	1	41	low	moderate
RICHARD H FINK	KAREN M FINK	N5118 BUTTERNUT CT	JUNEAU	4	2	3	8	1	2	7	0	0	2	7	1	37	low	moderate
JAMES R WEPPNER	CATHERINE A WEPPNER	N5122 BUTTERNUT CT	JUNEAU	4	2	3	8	1	2	7	0	0	2	7	12	48	moderate	NA
MAYNARD KAUFFMAN	BETTY KAUFFMAN	N5130 BUTTERNUT CT	JUNEAU	4	2	3	8	1	2	7	0	0	2	7	12	48	moderate	NA
JAMES RASCHE	DENISE RASCHE	N5134 BUTTERNUT CT	JUNEAU	4	2	3	8	1	2	7	0	1	2	7	12	49	moderate	NA NA
		N5146 BUTTERNUT CT							2			1						
DENNIS M SZCZUPAJ	CHRISTINE M SZCZUPAJ	N5150 BUTTERNUT	JUNEAU	4	2	3	8	1		7	0		2	7	12	49	moderate	NA
MICHAEL W LOTH	NANCY A LOTH	N5156 BUTTERNUT	JUNEAU	4	2	3	8	1	3	0	4	1	2	7	12	47	low	moderate
PAULINE H RYKOWSKI	%BETTY ELGER	CT N5160	JUNEAU	7	2	3	8	1	3	7	0	0	2	7	12	52	moderate	NA
LILLIAN PIEPER	WALLACE PIEPER	BUTTERNUT CT	JUNEAU	4	2	3	8	1	2	7	0	0	2	7	12	48	moderate	NA
JOHN J DUNNE	JEAN R DUNNE	N5166 BUTTERNUT CT	JUNEAU	4	2	3	8	1	2	7	0	0	2	7	12	48	moderate	NA
ROBERT A LINERS	LOIS M LINERS TRUST	N5170 BUTTERNUT CT	JUNEAU	4	2	3	8	1	2	7	0	0	2	7	12	48	moderate	NA
RANDALL J RYSKOSKI	MARY S RYSKOSKI	N5174 BUTTERNUT CT	JUNEAU	4	2	3	8	1	3	7	0	0	2	7	12	49	moderate	NA
TERRY WENGER		N5178 BUTTERNUT CT	JUNEAU	4	2	3	8	1	2	7	0	0	2	7	12	48	moderate	NA

WNER 1	OWNER 2	Property Address	Property City	MFS	D20S	D100S	SGS	sos	BHS	BCS	BVS	BSS	ASS	AVS	BWS	EIS	EIS CAT	SWH CAT
		N5182	. roporty only			2.000			25						23			3111_3/11
RODNEY STANTON	PEGGY STANTON	BUTTERNUT CT	JUNEAU	4	2	3	8	8	2	0	0	1	2	7	12	49	moderate	NA
		N5175																
LYNDA C FAUSER	PENNY A PHILP	BUTTERNUT CT	JUNEAU	4	2	3	8	8	2	7	0	0	2	7	1	44	low	low
		N5159																
FRANK W STRAINIS	SUSAN M STRAINIS	BUTTERNUT CT	JUNEAU	4	2	3	8	8	2	7	0	0	2	7	1	44	low	low
LAMPENCE		N5149																
LAWRENCE W WEISENSEL	DONNA J WEISENSEL	BUTTERNUT CT	JUNEAU	4	2	3	4	8	2	7	4	0	2	7	1	44	low	low
		N5141																
TAYLOR C TAYLOR	CAROL J TAYLOR	BUTTERNUT CT	JUNEAU	4	2	3	4	8	2	7	1	1	2	7	1	42	low	low
		N5137 BUTTERNUT																
THOMAS M SCHMIDT	LINDA M SCHMIDT	CT	JUNEAU	4	2	3	4	8	2	7	4	0	2	7	1	44	low	low
		N5129																
ROBERT A BEWALDA JR	CAROLYN BEWALDA	BUTTERNUT CT	JUNEAU	4	2	3	4	8	2	0	0	0	2	7	1	33	low	low
		N5121 BUTTERNUT																
RHONDA S MILLER		CT	JUNEAU	4	2	2	4	8	2	7	0	0	2	7	1	39	low	low
		N5117																
VINCENT M PENA JR	RUTH C JOHNSON	BUTTERNUT CT	JUNEAU	4	2	2	4	8	2	0	0	0	2	7	1	32	low	low
		N5109																
KENNETH TWADELL	AMY TWADELL	BUTTERNUT CT	JUNEAU	4	2	2	1	8	2	7	1	1	2	1	1	32	low	low
		W4410 +																
FREDERICK J MICHELAU	MONICA J MICHELAU	BUTTERNUT TR	JUNEAU	4	2	2	1	8	2	0	0	1	1	7	1	29	low	low
		N5044																
PAUL R MARCEAU	DAWN D MARCEAU	BUTTERNUT CT	JUNEAU	4	2	3	8	1	2	0	0	0	2	7	1	30	low	moderate
		N5050																
SCOTT D COLEY	KAREN M COLEY	BUTTERNUT CT	JUNEAU	4	2	3	8	1	2	0	0	0	2	7	1	30	low	moderate
		N5056 BUTTERNUT																
DOROTHY M JUDYCKI		CT	JUNEAU	4	2	3	8	1	2	0	0	0	2	7	1	30	low	moderate
		N5066																
WILLIAM J HAYES	GERIANNE M HAYES	BUTTERNUT CT	JUNEAU	4	2	3	8	1	2	0	0	0	2	7	1	30	low	moderate
		N5072 BUTTERNUT																
KATHRYN RILEY	LISA RIEGLEMAN	CT	JUNEAU	4	2	3	8	1	2	0	0	0	1	7	1	29	low	moderate
		N5080 BUTTERNUT																
DONALD E KUEHL	DONALD KOEHLER	CT	JUNEAU	4	2	3	8	1	2	7	4	0	1	7	1	40	low	moderate
		N5086 BUTTERNUT																
ERNEST FRANK	LUCILLE FRANK	CT	JUNEAU	4	2	3	8	1	2	7	4	1	1	7	1	41	low	moderate
		N5094 BUTTERNUT																
DALE C KOUTECKY	LORRAINE H KOUTECKY	CT	JUNEAU	4	2	3	8	1	3	7	1	1	2	7	1	40	low	moderate
		N5098 BUTTERNUT																
JOSEPH DEBELAK	PATRICIA DEBELAK	CT	JUNEAU	4	2	3	8	1	3	7	1	0	2	7	1	39	low	moderate
		N5032 BUTTERNUT																
WAYNE C SCHMIEDLIN	KATHY J SCHMIEDLIN	CT	JUNEAU	4	2	3	8	1	2	0	0	0	2	7	1	30	low	moderate
		N5026																
DANIEL M ZUEHLKE		BUTTERNUT CT	JUNEAU	4	2	3	8	1	3	0	4	1	2	7	1	36	low	moderate
		N5031 BUTTERNUT																
MICHAEL J PILLIOD	MARY BETH PILLIOD	CT	JUNEAU	4	2	2	8	4	2	7	0	1	2	7	1	40	low	low

WNER 1	OWNER 2	Property Address	Property City	MFS	D20S	D100S	SGS	sos	BHS	BCS	BVS	BSS	ASS	AVS	BWS	EIS	EIS CAT	SWH CAT
		W4417	opony only	5		2.000			25				7.00		25			21111_0/11
WILLIAM E SCHAEFER	JACLYNN M SCHAEFER	BUTTERNUT TR	JUNEAU	2	2	2	1	0	2	7	0	0	0	0	1	17	low	low
		N5085 BUTTERNUT																
EDWIN GRUDZINSKI	DELORES GRUDZINSKI	CT	JUNEAU	4	2	2	1	4	2	0	0	0	2	7	1	25	low	low
		N5069 BUTTERNUT																
JOAN V PAPE		CT	JUNEAU	2	2	2	1	0	2	0	0	1	2	7	1	20	low	low
RUSSELL M COLEY TRUST				2	2	2	1	0	2	0	0	1	2	7	1	20	low	low
RUSSELL M COLEY TRUST				2	2	2	1	0	2	0	0	1	2	7	1	20	low	low
ARROWHEAD PARK LIMITED	%RUSSELL COLEY			2	2	2	1	0	2	0	0	0	2	7	1	19	low	low
BETTY L MARBAN				0	1	1	1	0	2	7	1	7	0	1	1	22	low	low
		N5196 COUNTY																
BARBARA A KRAHN	GLENN R KATZUNG	ROAD E		0	2	2	1	0	2	7	1	4	0	1	1	21	low	low
THOMAS C SWENDSON TRUST				4	1	2	4	1	2	7	1	7	0	7	1	37	low	moderate
THOMAS C SWENDSON TRUST				4	1	2	4	1	2	7	1	7	0	7	1	37	low	moderate
EVANGELINE G GUNKA		COUNTY ROAD E	IRON RIDGE	4	1	2	4	1	2	7	1	7	0	7	1	37	low	moderate
ROBERT J		TRO/ID E	INGIVINIDGE		·					<u> </u>								
PROKOPOWICZ		N5077 LAKE		4	2	3	4	8	2	7	1	4	0	1	1	37	low	moderate
KARL E ZARLING	NANCY E ZARLING	DR	HUSTISFORD	4	2	3	4	8	2	0	0	0	1	4	1	29	low	moderate
ROBERT W HAMANN	MARYJANE HAMANN	N5075 LAKE DR	HUSTISFORD	4	2	3	4	8	2	0	0	0	2	7	1	33	low	moderate
JOHN M FRIESCH	JANE U FRIESCH	N5071 LAKE DR	IRON RIDGE	4	2	3	4	8	2	0	0	0	2	7	1	33	low	moderate
STEPHEN E ABRAM	PAMELA C ABRAM	N5049 LAKE DR	HUSTISFORD	4	2	3	4	8	2	7	7	0	2	7	1	47	low	moderate
DENNIS WEGE		N5045 LAKE DR	HUSTISFORD	4	2	3	4	8	2	7	7	0	2	7	1	47	low	moderate
RALPH SCHMITZ	ARLENE SCHMITZ	DIX.	TIGOTICI CITE	4	2	3	4	8	3	7	0	0	2	7	1	41	low	moderate
RALPH SCHMITZ	ARLENE SCHMITZ	N5033 LAKE DR	HUSTISFORD	4	2	3	4	8	3	7	0	0	2	7	1	41	low	moderate
RANDALL L THOMPSON	ELIZABETH H THOMPSON	N5027 LAKE DR	HUSTISFORD	4	2	3	4	8	2	0	0	0	2	7	1	33	low	moderate
JAMES A VOGENTHALER	JUDITH A VOGENTHALER	N5021 LAKE DR	HUSTISFORD	4	2	3	4	8	2	0	0	0	2	7	1	33	low	moderate
WAYNE F FREDRICKS	BARBARA A FREDRICKS	N5015 LAKE DR	HUSTISFORD	4	2	3	4	8	2	7	0	0	2	7	1	40		
WATNEFFREDRICKS	DARDARA A FREDRICKS	N5011 LAKE	HUSTISFORD	4		3	4	0		1	U	U		,	1	40	low	moderate
WAYNE F FREDRICKS	BARBARA A FREDRICKS	DR N5001 LAKE	HUSTISFORD	4	2	3	4	8	2	7	0	0	2	7	1	40	low	moderate
JAMES O CURREN	DEBORAH A CURREN	DR	HUSTISFORD	4	2	3	4	8	2	7	0	0	2	7	1	40	low	moderate
TERRANCE L CARPENTER	KATHLEEN M CARPENTER	N4999 LAKE DR	HUSTISFORD	4	2	3	4	8	2	7	4	4	2	7	1	48	moderate	NA
RANDALL L THOMPSON	ELIZABETH H THOMPSON	N4995 LAKE DR	HUSTISFORD	4	2	3	4	8	3	7	4	0	2	7	1	45	low	moderate
RANDALL THOMPSON	ELIZABETH THOMPSON			4	2	3	4	8	3	7	1	4	2	7	1	46	low	moderate
RANDALL L THOMPSON	ELIZABETH H THOMPSON	N4983 LAKE DR	HUSTISFORD	4	2	3	4	8	3	0	0	0	2	7	1	34	low	moderate
ROBERT D VANCASTER	DONNA J HAGEMANN	N4977 LAKE DR	HUSTISFORD	4	2	3	4	8	2	7	0	0	2	7	1	40	low	moderate
RANDALL L THOMPSON TRUST	ELIZABETH H THOMPSON TRU	N4973 + LAKE DR	HUSTISFORD	4	2	3	4	8	2	0	0	0	2	7	1	33	low	moderate
CORY D KELLY	JULIE R KELLY	N4969 + LAKE DR	HUSTISFORD	4	2	3	4	8	2	0	0	0	2	7	1	33	low	moderate
GARY R WIEMANN	CHRISTINE D WIEMANN	N4965 + LAKE DR	HUSTISFORD	4	2	3	4	8	3	7	4	1	2	4	1	43	low	moderate

WNER 1	OWNER 2	Property Address	Property City	MFS	D20S	D100S	SGS	sos	BHS	BCS	BVS	BSS	ASS	AVS	BWS	EIS	EIS CAT	SWH CAT
	J.I.I.EII CE	N4961 LAKE															_	_
ELROY R STERN SINISSIPPI PARTNERS		DR N4957 LAKE	HUSTISFORD	4	2	3	4	8	3	0	0	4	2	7	1	38	low	moderate
LLC	%BRAD A BROGAN	DR	HUSTISFORD	4	2	3	4	8	3	7	4	1	2	7	1	46	low	moderate
GREATER MILWAUKEE	PROPERTIES INC	N4945 LAKE DR	HUSTISFORD	4	2	3	4	8	3	7	1	0	2	7	1	42	low	modorato
GREATER WILWAUKEE	PROFERITESTING	N4941 LAKE	HUSTISFORD	4		3	4	0	3	/	'	0	2	1	'	42	low	moderate
FRANKLIN L TRAPP	JAMMIE TRAPP	DR	HUSTISFORD	7	2	3	4	8	3	7	1	4	2	4	1	46	low	moderate
JAMES E THESELIUS	DEBRA T FRANZKE	N4937 LAKE DR	HUSTISFORD	4	2	3	4	8	2	7	4	4	2	7	1	48	moderate	NA
		N4929 LAKE									_	_	_	_				
SUSAN B ZEMAN		DR N4925 LAKE	HUSTISFORD	4	2	3	4	8	3	0	0	0	2	7	1	34	low	moderate
RICHARD L OKON		DR	HUSTISFORD	4	2	3	4	8	2	0	0	0	2	7	1	33	low	moderate
LOUIS J TIEFENTHALER	RUTH R TIEFENTHALER	N4917 LAKE DR	HUSTISFORD	4	2	3	4	8	3	7	4	0	2	7	1	45	low	moderate
ECOIO O TIEI EIVITIMEEIX	NOTITIC TIET EITH NEETC	N4913 + LAKE	TIGOTICI CITE	-			-		-	,					<u> </u>	-10	1000	moderate
DAVID R JONES	PATRICIA E JONES	DR	HUSTISFORD	4	2	3	4	8	3	0	0	0	2	7	1	34	low	moderate
		N4909 + LAKE												_				
MARTIN G PEKRUL		DR N4907 LAKE	HUSTISFORD	4	2	3	4	8	3	0	0	0	2	7	1	34	low	moderate
MARK T MAHAN JR		DR	HUSTISFORD	4	2	3	4	8	4	0	0	0	2	7	1	35	low	moderate
		N4903 + LAKE		_						_				_				
JAMES C OLSEN		DR N4511	HUSTISFORD	7	2	3	4	8	4	7	1	4	2	7	1	50	moderate	NA
		COUNTY																
JOHN C CHAMBERS JR		ROAD E N4515	HUSTISFORD	2	2	2	4	0	2	7	0	0	1	7	12	39	low	moderate
		COUNTY																
DEBORAH HILL	CORWIN HILL	ROAD E N4895 LAKE	HUSTISFORD	2	2	3	4	0	2	7	0	0	2	7	12	41	low	moderate
LORAINE J DOBRAFF		DR DR	HUSTISFORD	7	2	3	4	8	4	0	0	0	2	7	1	38	low	moderate
LORAINE J DOBRAFF				7	2	3	4	8	2	7	7	0	2	7	1	50	moderate	NA
HAROLD L KEY		N4891 LAKE DR	HUSTISFORD	4	2	3	4	8	2	0	0	0	2	7	1	33	low	moderate
-		N4885 + LAKE																
HAROLD L KEY		DR	HUSTISFORD	4	2	3	4	8	2	0	0	0	2	7	1	33	low	moderate
HADOLD LIKEV		N4885 + LAKE	LULOTIOEODD	7		_					0		•	7		00	1	
ROY M ROSENTHAL		DR	HUSTISFORD	7	2	3	4	8	2	0	0	0	2	7	1	36 36	low	moderate moderate
		N4879 LAKE					-								<u> </u>		1000	moderate
ROY M ROSENTHAL		DR N4873 LAKE	HUSTISFORD	4	2	3	4	8	3	0	0	0	2	7	1	34	low	moderate
JANICE D MILLER	DUANE L MILLER	DR DR	HUSTISFORD	4	2	3	4	8	2	0	0	0	2	7	1	33	low	moderate
DADTON H CLEASON	SUSAN J GLEASON	N4869 LAKE DR	HIJETICEODD	4	2	2	4		2	0	0	0	2	7	1	33	low	moderate
BARTON H GLEASON	SUSAN J GLEASUN	N4859 LAKE	HUSTISFORD	4		3	4	8	2	U	0	U		/	1	33	low	moderate
LAWRENCE J KNUTH	DIANE L KNUTH	DR NASSZI AKE	HUSTISFORD	4	2	3	4	8	2	7	4	0	2	7	1	44	low	moderate
SARA SHULTIS	SUE OSOWSKI	N4857 LAKE DR	HUSTISFORD	4	2	3	4	8	2	7	4	0	2	7	1	44	low	moderate
VELLY E VEETTMAN	THEREOF A MORITZMAN	N4851 LAKE								_		_	_	_				
KELLY E KREITZMAN	THERESE A KREITZMAN	DR N4847 LAKE	HUSTISFORD	4	2	2	4	8	2	7	4	0	2	7	1	43	low	moderate
THOMAS J BYRNE		DR	HUSTISFORD	4	2	2	4	8	2	7	0	0	2	7	1	39	low	moderate
JUDITH R SCHAEFER		N4839 LAKE DR	HUSTISFORD	4	2	2	4	4	2	0	0	0	2	7	1	28	low	moderate
		N4833 LAKE																
THOMAS J TARTAGLIA DECKSTAR	CYNTHIA J TARTAGLIA	DR	HUSTISFORD	4	2	3	4	4	2	7	0	0	2	4	1	33	low	moderate
PARTNERSHIP				4	2	3	4	8	2	0	0	0	2	7	1	33	low	moderate
DECKSTAR PARTNERSHIP		N4827 LAKE	шиетиегоро		2	2			2	0	0	0	2	7	1	22	low	moderate
		DR	HUSTISFORD	4	2	3	4	8	2	0	0	0	2	7	1	33	low	moderate
TARTITETOTIII		N4823 LAKE																
GREGG F APOSTOLOFF	ANGELA H APOSTOLOFF	DR N4815 LAKE	HUSTISFORD	7	2	3	4	8	2	0	0	0	2	7	1	36	low	moderate

WNED 1	OWNER 2	Property	Bronorty City	MEC	Dane	D100S	909	202	рце	DCC	BVS	Dec	466	A1/C	DWC	EIC	EIC CAT	CM/LI CAT
WNER_1	OWNER_2	Address N4809 LAKE	Property City	MFS	D20S	D100S	SGS	SOS	BHS	BCS	BVS	BSS	ASS	AVS	BWS	EIS	EIS_CAT	SWH_CAT
CLIVE FRAZIER TRUST		DR	HUSTISFORD	4	2	3	4	8	2	0	0	0	2	7	1	33	low	moderate
BRIAN J VIS	ELIZABETH J VIS	N4801 LAKE DR	HUSTISFORD	4	2	3	4	8	2	7	0	0	2	7	1	40	low	moderate
DELBERT W BONVILLE TRUST		N4791 LAKE DR	HUSTISFORD	4	2	3	4	8	2	0	0	1	2	7	1	34	low	moderate
PATRICK K KLESSIG		N4787 LAKE DR	HUSTISFORD	4	2	3	4	8	2	0	0	0	2	7	1	33	low	moderate
CYNTHIA L TEWS		N4785 LAKE DR	HUSTISFORD	7	2	3	4	8	2	0	4	0	2	7	1	40	low	moderate
KAREN M RAMEY	MARJORIE E COFFEE	N4781 LAKE DR	HUSTISFORD	4	2	3	4	8	3	0	0	0	2	7	1	34	low	moderate
KAREN M RAMEY	MARJORIE E COFFEE			4	2	3	4	8	3	0	0	0	2	7	1	34	low	moderate
ARTHUR E FRIEDMAN	EDWARD E MESHESKI	N4775 LAKE DR	HUSTISFORD	4	2	3	4	8	2	7	1	4	2	7	1	45	low	moderate
GARY R WIEMANN	CHRISTINE D WIEMANN	N4771 LAKE DR	HUSTISFORD	7	2	3	4	8	2	0	0	0	2	7	1	36	low	moderate
D BEHL-STRASSBURG TRUST		N4767 LAKE DR	HUSTISFORD	7	2	3	4	8	2	0	0	0	2	7	1	36	low	moderate
TIMOTHY L		N4763 LAKE	LUISTISESSE	_				_						_				
FITZSIMMONS		DR N4761 LAKE	HUSTISFORD	7	2	3	4	8	3	0	0	0	2	7	1	37	low	moderate
DONALD C OLYNYK	KAREN E OLYNYK	DR N4755 LAKE	HUSTISFORD	4	2	3	4	8	2	0	0	0	2	7	1	33	low	moderate
ARTHUR R STRAUSS	RENEE M STRAUSS	DR N4749 LAKE	HUSTISFORD	4	2	3	4	8	2	0	0	4	0	7	1	35	low	moderate
ROBERT J PIETROWSKI	FRANCINE J PIETROWSKI	DR	HUSTISFORD	4	2	3	4	8	3	0	0	0	2	7	1	34	low	moderate
ROBERT C GIBBONS	SHARON M GIBBONS	N4743 LAKE DR	HUSTISFORD	4	2	3	4	8	3	0	0	0	2	7	1	34	low	moderate
FRANKLIN FREINWALD TRUST	PEARL F FREINWALD TRUST	N4739 LAKE DR	HUSTISFORD	4	2	3	4	8	3	0	0	0	2	7	1	34	low	moderate
TIMOTHY F GALECKE		N4733 LAKE DR	HUSTISFORD	4	2	3	4	8	2	0	0	0	2	7	1	33	low	moderate
MARK D KNUDTSON	CHRIS EISENMANN KNUDTSON	N4729 LAKE DR	HUSTISFORD	4	2	3	4	8	2	0	0	0	2	7	1	33	low	moderate
RICHARD G HAFEMEISTER	GLORIA K HAFEMEISTER	N4727 LAKE DR	HUSTISFORD	4	2	2	4	8	2	0	0	0	2	7	1	32	low	moderate
ARNOLD H FREDRICK	ARDIS A FREDRICK	N4723 LAKE DR	HUSTISFORD	7	2	2	4	8	2	0	0	0	2	7	1	35	low	moderate
THOMAS R FAUBEL	BARBARA E FAUBEL	N4719 LAKE DR	HUSTISFORD	4	2	2	4	8	3	0	0	0	2	7	1	33	low	moderate
SCOTT A WRIGHT	MARY E WRIGHT	N4715 LAKE DR	HUSTISFORD	4	2	2	4	8	3	0	0	0	2	7	1	33	low	moderate
VINCENT DECARIA	DIANE S DECARIA	N4711 LAKE DR	HUSTISFORD	4	2	3	4	4	3	0	0	0	2	7	1	30	low	moderate
CAMPERS INCORPORATED				2	1	1	1	0	2	7	1	7	0	1	1	24	low	low
BETTY L MARBAN				0	1	1	1	0	2	7	1	7	0	1	1	22	low	low
CAMPERS INCORPORATED				0	1	4	4	0	3	7	1	7	0	1	12	40	low	low
CAMPERS INCORPORATED				2	1	2	1	4	2	7	1	4	0	1	1	26	low	low
CAMPERS INCORPORATED				0	1	1	1	0	2	7	1	7	0	1	1	22	low	low
CAMPERS INCORPORATED				2	1	2	4	8	2	7	0	0	2	7	1	36	low	low
GUS N KOKONAS TRUST	EDDA KOKONAS TRUST	N4707 LAKE DR	HUSTISFORD	4	2	3	4	4	2	0	0	0	2	7	1	29	low	moderate
CRAIG S HOUGH	ALICIA T HOUGH	N4703 LAKE DR	HUSTISFORD	4	2	3	4	4	3	0	0	0	2	7	1	30	low	moderate
RICHARD L PLOEGER	JUDITH A PLOEGER	N4699 LAKE DR	HUSTISFORD	4	2	3	4	4	2	0	0	0	2	7	1	29	low	moderate
DONALD J KLINGER		N4689 LAKE DR	HUSTISFORD	4	2	3	4	4	2	0	0	0	2	7	1	29	low	moderate

WNER_1	OWNER_2	Property Address	Property City	MFS	D20S	D100S	SGS	sos	BHS	BCS	BVS	BSS	ASS	AVS	BWS	EIS	EIS_CAT	SWH_CAT
TROY T THOM	TERESA A THOM	N4685 LAKE DR	HUSTISFORD	4	2	3	4	4	2	0	0	0	2	7	1	29	low	moderate
ROBERT J MUELLER	BEVERLY J MUELLER	N4683 LAKE DR	HUSTISFORD	4	2	3	4	8	2	0	0	0	2	7	1	33	low	moderate
JEAN L KIEPERT TRUST		N4679 LAKE DR	HUSTISFORD	4	2	3	8	8	2	7	4	0	2	7	12	59	moderate	NA
BRIAN J MILLER		N4675 LAKE DR	HUSTISFORD	4	2	3	1	1	2	0	0	0	2	7	12	34	low	low
RANDALL L THOMPSON	ELIZABETH H THOMPSON	N4667 LAKE DR	HUSTISFORD	2	2	3	1	0	2	7	0	0	2	7	12	38	low	low
KEVIN V DIETRICH	CHERYL L DIETRICH	N4663 LAKE DR	HUSTISFORD	4	2	3	4	4	2	7	0	0	2	4	12	44	low	low
JOHN R ANDERSON	SUSAN A ANDERSON	N4657 LAKE DR	HUSTISFORD	2	2	3	4	0	2	0	0	0	2	7	12	34	low	low
JAMES W DOHEARTY	JOAN C DOHEARTY	N4653 LAKE DR	HUSTISFORD	2	2	3	4	0	2	0	0	0	2	4	12	31	low	low
PATRICIA A BERNA	JOAN O BONEART	N4649 LAKE DR	HUSTISFORD	2	2	3	4	0	2	7	1	0	2	7	12	42	low	low
	IEEEDEV S. ILING	N4643 LAKE DR		4	2	3	4	4	2	0	0	0	2	7		40		
JOSEPH A JUNG JR	JEFFREY S JUNG	N4639 LAKE	HUSTISFORD				· ·						_		12		low	low
BRIAN H STARK	CHERYL M STARK	DR N4633 LAKE	HUSTISFORD	4	2	3	4	4	2	7	0	0	2	7	12	47	low .	low
DENNIS L RUEGG		DR N4631 LAKE	HUSTISFORD	2	2	3	4	0	2	0	0	0	2	7	12	34	low	low
JEROME J BILGRIEN	JEAN A BILGRIEN	DR N4627 LAKE	HUSTISFORD	2	2	3	4	0	3	0	0	0	2	7	12	35	low	low
WILTON E KERLINSKE	MARIAN E KERLINSKE	DR N4625 LAKE	HUSTISFORD	2	2	3	4	0	2	0	0	0	2	7	12	34	low	low
CLIFFORD H MAAS	SHERRY L MAAS	DR N4623 LAKE	HUSTISFORD	4	2	3	4	8	2	0	0	0	2	7	12	44	low	low
JOSEPH P GUASTELLA MICHAEL J	ROCHELLE K GUASTELLA	DR N4621 LAKE	HUSTISFORD	4	2	3	4	8	2	0	0	0	2	7	12	44	low	low
STRASSBURG		DR N4619 LAKE	HUSTISFORD	4	2	3	8	4	2	0	0	0	2	7	12	44	low	low
JEREMY C GILL	KRISTYN L GILL	DR N4615 LAKE	HUSTISFORD	2	2	3	1	0	2	7	0	0	2	7	12	38	low	low
GREGORY RYAN	LAURA B MAROLDI	DR	HUSTISFORD	2	2	3	1	0	2	0	0	0	2	7	12	31	low	low
JOHN E CAPPELLI		N4605 LAKE DR	HUSTISFORD	0	2	3	1	0	2	0	0	0	2	7	12	29	low	low
ROGER A COCHRANE	DANA M COCHRANE	N4607 COUNTY ROAD E	HUSTISFORD	2	2	3	1	0	2	0	4	0	2	7	12	35	low	low
		W4152 ANTHONY																
JOSEPH A KRAYNICK	PATRICIA A KRAYNICK	ISLAND W4152	HUSTISFORD	4	2	3	8	8	3	7	4	0	2	7	12	60	moderate	NA
JOSEPH A KRAYNICK	PATRICIA A KRAYNICK	ANTHONY ISLAND	HUSTISFORD	4	2	3	8	8	3	7	4	4	0	7	1	51	moderate	NA
SINISSIPPI LAKE REALTY		ANTHONY ISLAND	HUSTISFORD	4	2	3	8	8	3	7	4	0	2	7	12	60	moderate	NA
RAYMOND O JACOBSON TRUST	OLIVE L JACOBSON TRUST	W4164 ANTHONY ISLAND	HUSTISFORD	4	2	3	8	1	2	7	0	0	2	7	12	48	moderate	NA
KEITH W TUCKER	DEBORA K TUCKER	W4174 ANTHONY ISLAND	HUSTISFORD	4	2	3	8	8	2	7	4	4	2	7	12	63	moderate	NA
BURDICK TRUST		N4531 ANTHONY ISLAND	HUSTISFORD	4	2	2	8	8	2	7	4	0	2	7	12	58	moderate	NA
NEIL FELDMANN	GAIL CAVANAUGH	N4525 ANTHONY ISLAND	HUSTISFORD	4	2	3	8	8	2	7	0	0	2	7	12	55	moderate	NA
MYRBETH W CULVER	WELLS CULVER III	N4519 ANTHONY ISLAND	HUSTISFORD	4	2	3	8	8	2	7	4	4	2	7	12	63	moderate	NA

WNER 1	OWNER 2	Property Address	Property City	MFS	D20S	D100S	SGS	sos	BHS	BCS	BVS	BSS	ASS	AVS	BWS	EIS	EIS CAT	SWH CAT
		ANTHONY																
JAMES D VOGT		ISLAND N4513		4	2	3	8	8	2	7	0	0	2	7	12	55	moderate	NA
		ANTHONY																
JAMES D VOGT		ISLAND	HUSTISFORD	4	2	3	8	8	2	7	0	0	2	7	12	55	moderate	NA
		N4509																
DEBORAH A HOWARD	DAVID P HOWARD	ANTHONY ISLAND	HUSTISFORD	4	2	3	8	4	2	7	0	0	2	7	12	51	moderate	NA
DEBORALLA HOWARD	DAVID I HOWARD	ANTHONY	TIGOTIOI OND	<u> </u>		, J	- 0	-		<i>'</i>	0	-		,	12	31	moderate	IVA
DAVID P HOWARD	DEBORAH A HOWARD	ISLAND		4	2	3	8	8	2	7	0	0	1	7	12	54	moderate	NA
		N4501																
DAVID P HOWARD	DEBORAH A HOWARD	ANTHONY ISLAND	HUSTISFORD	4	2	3	8	8	2	7	0	0	1	7	12	54	moderate	NA
Dittib i ilotti ilo	DEBOIC WITH THE TOTAL OF	N4519	TIGOTION CINE						_	-		_	·			0.	moderate	101
DEBORAH A HILL	PATRICIA GUTIERREZ	COUNTY ROAD E	HUSTISFORD	2	2	3	4	0	2	7	0	0	2	7	12	41	low	moderate
DEBURAN A NILL	PATRICIA GUTIERREZ	N4519	HUSTISFURD			3	4	U		/	U	U		1	12	41	low	moderate
		COUNTY																
DEBORAH A HILL	PATRICIA GUTIERREZ	ROAD E	HUSTISFORD	2	2	3	4	0	2	7	0	0	2	7	12	41	low	moderate
		N4521 COUNTY																
PETER PARENTE		ROAD E	HUSTISFORD	2	2	3	4	0	2	7	0	0	2	7	12	41	low	moderate
		N4527 COUNTY																
DEBRA A STEWART		ROAD E	HUSTISFORD	2	2	3	4	0	2	7	0	4	2	7	12	45	low	moderate
		N4531																
SCOTT L GRIGG	JUDITH A CHAMBERS	COUNTY ROAD E	HUSTISFORD	4	2	2	4	8	2	7	0	0	2	7	12	50	moderate	NA
00011 E 011100	JOBITHA CHAWBERO	N4547	TIGOTIOI OND	<u> </u>			<u> </u>	0		<i>'</i>	0	-		,	12	30	moderate	IVA
DAL DULM 0011117	AN/DT: 5 5 001 11 17	COUNTY	LULOTIOFORD							_				_	10			
RALPH W SCHULZ	MYRTLE E SCHULZ	ROAD E N4565	HUSTISFORD	4	2	2	4	8	2	7	0	0	2	7	12	50	moderate	NA
SINISSIPPI ISLE		COUNTY																
ADVANCE		ROAD E	HUSTISFORD	4	2	3	8	8	3	7	4	4	0	7	1	51	moderate	NA
		N4571 COUNTY																
KAREN P O'GORMAN		ROAD E	HUSTISFORD	4	2	3	4	8	2	7	7	0	2	7	12	58	moderate	NA
		N4575																
RITA K SCHROEDER		COUNTY ROAD E	HUSTISFORD	4	2	3	4	8	2	7	4	0	2	7	12	55	moderate	NA
		N4579																
CHARLES A KAEPERNICK	MARY D KAEPERNICK	COUNTY ROAD E	HUSTISFORD	4	2	3	4	8	2	7	4	0	2	7	12	55	moderate	NA
IVALE LIVINION	WALLERWICK	N4583	HUGHISFURD	7		, J	7	U		,	7	U			14	- 55	moutrate	INA
RANDALL W		COUNTY												_	1.5			.
STRASSBURG		ROAD E N4587	HUSTISFORD	4	2	2	4	8	2	0	0	0	2	7	12	43	low	low
RANDALL W		COUNTY																
STRASSBURG		ROAD E	HUSTISFORD	2	2	3	4	0	2	0	0	0	2	7	12	34	low	low
		N4599 COUNTY																
ROBERT D BAILEY	DONNALEE BAILEY	ROAD E	HUSTISFORD	2	2	3	4	0	2	0	0	0	2	7	12	34	low	low
		N4603																
STEVEN A KELSEY		COUNTY ROAD E	HUSTISFORD	2	2	3	4	0	2	0	0	0	2	7	12	34	low	low
		N4544 *		_	T	Ī		_		_			_				1	
		ANTHONY																
DONALD MYLES		ISLAND	HUSTISFORD	2	2	3	8	0	2	7	4	0	1	7	12	48	moderate	NA
		N4544 *																
LEONARD J GRACE	MARILYN C GRACE	ANTHONY ISLAND	HUSTISFORD	2	2	3	8	0	2	7	1	4	2	7	12	50	moderate	NA
LLUNARD J GRACE	WARLIN C GRACE		HUSTISFURD			J	0	U		1	1	4		· ·	12	50	moderate	NA
		W4122 ANTHONY																
		ANTHON	HUSTISFORD	7	2	3	8		2	7	4	0	2	7	12	55	moderate	NA

WNER 1	OWNER 2	Property Address	Property City	MFS	D20S	D100S	SGS	sos	BHS	BCS	BVS	BSS	ASS	AVS	BWS	EIS	EIS_CAT	SWH CAT
		W4126 ANTHONY						000										
KENNETH J BUETTNER	EVELYN M BUETTNER	ISLAND	HUSTISFORD	4	2	3	8	1	2	7	4	0	2	7	12	52	moderate	NA
STEVEN GALOVICH	ELIZABETH CULVER	W4130 ANTHONY ISLAND	HUSTISFORD	4	2	3	8	1	2	7	1	4	2	7	12	53	moderate	NA
CHRISTINE C ROZMENOSKI	ELE GETT GEVEN	ANTHONY ISLAND	1100110110110	4	2	3	8	1	2	7	1	0	2	7	12	49	moderate	NA
CHRISTINE C ROZMENOSKI		ANTHONY ISLAND		2	2	3	8	8	2	7	1	0	2	7	12	54	moderate	NA
CHRISTINE C ROZMENOSKI		W4142 ANTHONY ISLAND	HUSTISFORD	4	2	3	8	8	2	7	0	0	2	7	12	55	moderate	NA
P J FITZPATRICK TRUST		W4532 ANTHONY ISLAND	HUSTISFORD	2	2	3	8	0	2	7	4	4	1	7	12	52	moderate	NA
P J FITZPATRICK TRUST		ANTHONY ISLAND		2	2	3	8	0	2	7	4	4	1	7	12	52	moderate	NA
P J FITZPATRICK TRUST		ANTHONY ISLAND		2	2	3	8	0	2	7	4	4	1	7	12	52	moderate	NA
RICARDO F KALYBATAS	MARIA C KALYBATAS	ANTHONY ISLAND		2	2	3	8	0	2	7	4	4	1	7	12	52	moderate	NA
STANDARD BANK & TRUST CO		N4518 ANTHONY ISLAND	HUSTISFORD	2	2	3	8	0	2	7	4	0	2	7	12	49	moderate	NA
KEVIN BENSON	KAREN L BENSON	N4510 ANTHONY ISLAND	HUSTISFORD	2	2	3	8	0	2	7	4	4	2	7	12	53	moderate	NA
KEVIN BENSON	KAREN L BENSON	N4504 ANTHONY ISLAND	HUSTISFORD	2	2	3	8	0	2	7	4	1	1	7	12	49	moderate	NA
KEVIN BENSON	KAREN L BENSON	ANTHONY ISLAND		2	2	3	8	0	2	7	4	4	1	7	12	52	moderate	NA
GERMER TRUST				4	2	2	8	1	3	7	0	1	0	7	1	36	low	moderate
RUSSELL M COLEY  RONALD L KRUPA	MARYANN KRUPA	N4896 SINISSIPPI POINT RD	JUNEAU	7	2	3	4	1	2	7	4	4	2	7	1	28	low	low moderate
MALCOLM E GIENKE	MARTHA M GIENKE	N4852 SINISSIPPI POINT RD	JUNEAU	4	2	3	4	1	2	7	1	4	1	1	1	31	low	moderate
JOHN F OSOWSKI	JENNIFER KRON	N4895 SPEARHEAD TR	JUNEAU	2	2	2	1	0	2	7	0	0	2	7	1	26	low	low
TERRENCE W MCCLOSKEY	TIMOTHY J MCCLOSKEY			2	2	2	1	0	2	7	1	0	0	7	1	25	low	low
TERRENCE W MCCLOSKEY				2	2	2	1	0	2	7	1	0	0	7	1	25	low	low
PETER G HAFEMEISTER	SANDRA L HAFEMEISTER	N4875 SINISSIPPI POINT RD	JUNEAU	2	2	2	1	0	2	7	1	4	0	1	1	23	low	low
RICHARD M MLADIC	JULIE B MLADIC	N4869 SINISSIPPI POINT RD	JUNEAU	2	2	2	1	0	2	7	1	4	0	1	1	23	low	low
ROBERT E LOOS	SANDRA L MIRESSE	N4863 SINISSIPPI POINT RD	JUNEAU	2	2	2	1	0	2	7	1	4	0	1	1	23	low	low
SANDRA L MIRESSE		N4855 SINISSIPPI POINT RD	JUNEAU	2	2	2	1	0	2	7	1	4	0	1	1	23	low	low

WNER 1	OWNER 2	Property Address	Property City	MFS	D20S	D100S	SGS	sos	BHS	BCS	BVS	BSS	ASS	AVS	BWS	EIS	EIS CAT	SWH CAT
VVINLIX_I	OWNER_2	N4845	Property City	IVII 3	D203	D1003	303	303	DITO	ВСЗ	DVS	ВЗЗ	A00	AVS	DWS	LIO	LIS_CAT	SWII_CAT
		SINISSIPPI																
KATHLEEN MARIE		POINT RD	JUNEAU	2	2	2	1	0	2	7	1	4	0	1	1	23	low	low
TIMOTHY G RIDDLE				2	2	2	1	0	2	7	1	4	0	1	1	23	low	low
		N4829																
		SINISSIPPI					١.			_							1.	
TIMOTHY G RIDDLE	DONNA J RIDDLE	POINT RD N4819	JUNEAU	0	2	2	1	0	2	7	1	4	0	1	1	21	low	low
ANTHONY V		SINISSIPPI																
DESTEFANO		POINT RD	JUNEAU	0	2	2	1	0	2	7	1	4	0	1	1	21	low	low
		N4803																
0451444055		SINISSIPPI								_					١.		١.	
CARLA A KNOPP		POINT RD N4878	JUNEAU	0	2	2	1	0	2	7	1	4	0	1	1	21	low	low
		SINISSIPPI																
GREGORY K GASPER	MARY J GASPER	POINT RD	JUNEAU	7	2	2	4	1	2	7	1	0	0	1	1	28	low	moderate
BURGELL M. COLEN		N4870																
RUSSELL M COLEY TRUST		SINISSIPPI POINT RD	JUNEAU	7	2	3	4	1	2	7	1	4	0	1	1	33	low	moderate
11001		N4858	JOINEAU	l '		J 3	7	<u> </u>		· '	<u>'</u>	- T	- 0		<u>'</u>	33	IOW	moderate
		SINISSIPPI																
DENNIS S NONCEK	HELEN E NONCEK	POINT RD	JUNEAU	7	2	3	4	1	2	7	1	4	0	1	1	33	low	moderate
LAWRENCE P SULLIVAN		N14774		2	1	2	1	4	2	7	1	4	0	1	1	26	low	low
		N4774 SINISSIPPI																
RANDY THOM	KAREN THOM	POINT RD	JUNEAU	2	2	2	1	0	2	7	1	4	0	1	1	23	low	moderate
LOUIS RADLOFF	%ANGELA APOSTOLOFF POA			2	1	2	1	4	2	7	1	4	0	1	1	26	low	low
GERMER TRUST				4	2	2	4	1	3	7	0	1	0	7	1	32	low	moderate
		N4554																
GERMER TRUST		LAKEVIEW RD	HUSTISFORD	4	2	2	4	1	2	7	0	0	1	7	1	31	low	moderate
		N4506																
CURTIS H KUEHL	LAURIE A KUEHL	LAKEVIEW RD	HUSTISFORD	4	2	2	4	1	2	7	0	0	2	7	1	32	low	moderate
LAWRENCE P SULLIVAN				2	2	2	1	0	2	7	1	7	0	1	1	26	low	low
GREGORY M FARNHAM				2	2	2	4	1	2	7	1	7	0	1	1	30	low	low
		N4816																
		ARROWHEAD																
VICTOR H RADLOFF JR		TR	JUNEAU	0	2	2	1	0	2	7	1	4	0	1	1	21	low	low
		N4394																
BETTY L MARBAN		LAKEVIEW RD	HUSTISFORD	4	2	3	8	1	2	7	0	0	2	7	1	37	low	moderate
DETTY! MADDAN		N4426	LULOTIONODO				١.			_				_			1.	
BETTY L MARBAN	AVACUA O OLILIVED	LAKEVIEW RD	HUSTISFORD	4	2	3	4	1	2	7	0	0	2	7	1	33	low	moderate
ISLAND WOODS LLC	%WELLS CULVER			2	2	3	8	0	2	-	4	4	0	7	12	51	moderate	NA
ISLAND WOODS LLC	%WELLS CULVER	N4327		4	2	3	4	8	2	0	0	0	2	7	12	44	low	low
		COUNTY																
ARDELL KIEFER	GERDA E KIEFER	ROAD E	HUSTISFORD	2	2	4	4	0	2	0	0	0	2	7	12	35	low	low
THERESA HENSEL				2	2	3	4	0	2	0	0	0	2	7	12	34	low	low
DONALD L MILLER				4	2	3	8	8	2	7	1	4	0	7	12	58	moderate	NA
DONALD L MILLER				4	2	3	8	1	2	7	1	4	0	7	12	51	moderate	NA
DONALD LEE MILLER				4	2	3	8	1	2	7	1	4	0	7	12	51	moderate	NA
DONALD L MILLER				4	2	3	8	1	2	7	1	4	0	7	12	51	moderate	NA
DONALD L MILLER				4	2	3	8	1	2	7	1	4	0	7	12	51	moderate	NA
DONALD L MILLER				4	2	3	8	1	2	7	1	4	0	7	12	51	moderate	NA
DONALD L MILLER				4	2	3	8	4	2	7	1	4	0	7	6	48	moderate	NA
DONALD L MILLER				4	2	3	8	4	2	7	1	4	0	7	6	48	moderate	NA
DONALD L MILLER				4	2	3	8	8	2	7	1	4	0	7	6	52	moderate	NA
DONALD L MILLER				4	2	3	8	4	2	7	1	4	0	7	6	48	moderate	moderate
DONALD L MILLER				4	2	3	4	8	2	7	1	4	0	7	6	48	moderate	NA
DONALD L MILLER				4	2	3	8	8	2	7	1	4	0	7	6	52	moderate	NA
ARTHUR E JAHN TRUST	KATHLEEN A JAHN TRUST			4	2	2	8	8	2	7	1	7	0	4	1	46	low	moderate

		Property																
WNER_1	OWNER_2	Address	Property City	MFS	D20S	D100S	SGS	SOS	BHS	BCS	BVS	BSS	ASS	AVS	BWS	EIS	EIS_CAT	SWH_CAT
GERMER TRUST				2	2	2	8	0	2	7	7	7	0	7	12	56	moderate	NA
RAYMOND HELD	MILDRED HELD			4	2	3	4	8	2	7	0	0	2	7	12	51	moderate	moderate
		W5003																
DANIEL F KEULER	MARGARET F KEULER	COUNTY ROAD S	HORICON	2	2	2	1	0	2	0	0	0	2	7	1	19	low	low
DAMEET RECEIV	WARGARETT REGEER	W5005	TIONIOON					U		0	-			,	<u> </u>	10	IOW	IOW
		COUNTY																
JAMES S HACKA	ROBIN KRANE	ROAD S	HORICON	2	2	2	1	0	2	7	0	0	1	7	1	25	low	low
		W4907 COUNTY																
THOMAS J PERSHA	CINDY L PERSHA	ROAD S	HORICON	2	2	3	1	0	2	7	1	4	0	1	1	24	low	low
THOMAS OF EROLLS	OIND FEF ENGINE	W4913		T-	_		· ·	-		-		·		·	· ·			.011
		COUNTY																
DANIEL J BILLINGTON		ROAD S	HORICON	0	2	3	1	0	2	7	0	0	0	4	1	20	low	low
		W4943 COUNTY																
MARY DOUGHTY		ROAD S	HORICON	0	2	3	1	0	2	7	0	0	1	4	1	21	low	low
		W4961																
OLIAB O BUELTED	0451444140155	COUNTY	HODIOON														l .	
CHAD C BUELTER	CARLA A WOLFE	ROAD S W4971	HORICON	2	2	3	1	0	2	0	0	0	2	4	1	17	low	low
		COUNTY																
DENNIS T WELAK	KIM M WELAK	ROAD S	HORICON	0	2	2	1	0	2	0	0	0	2	1	1	11	low	low
		W4977																
JAMES A KETCHEM	CARRIE J KETCHEM	COUNTY ROAD S	HORICON	0	2	2	1	0	2	0	0	0	2	7	1	17	low	low
JAINES A RETCHEM	CARRIE J RETCHEM	W4995	HORICON	- 0			'	U		U	U	U		1	'	17	IOW	IOW
		COUNTY																
KENNETH J LINDOW	CAROL A LINDOW	ROAD S	HORICON	2	2	2	1	0	2	7	0	0	2	0	1	19	low	low
		W5001																
DAVID A WENINGER	RITA A WENINGER	COUNTY ROAD S	HORICON	2	2	2	1	0	1	7	0	0	2	7	1	25	low	low
BAND AWENINGER	THIN TO WEIGHT OF THE PARTY OF	W4901	Horabort				·		·	,				,	i i	20	1011	1011
		COUNTY																
WILLIAM H GETTELMAN	ROXANNE GETTELMAN	ROAD S	HORICON	0	2	2	8	0	2	7	1	7	0	1	12	42	low	low
DEBORAH A BENNETT				2	2	3	1	0	2	7	1	4	1	1	12	36	low	low
		N6084																
MICHAEL J MCCARTHY	CLAUDIA A MCCARTHY	BENNETT'S RD	HORICON	2	2	3	1	0	2	7	1	0	2	4	1	25	low	low
		N6096																
STEVEN A TISCHER	LUCILLE A TISCHER	BENNETT'S RD	HORICON	2	2	3	1	0	2	7	0	0	2	7	1	27	low	low
DIGULADO O DEVINETE	DONNA I DENNIETT	N6070	LIGBIGON							_							l .	
RICHARD C BENNETT	DONNA J BENNETT	BENNETT'S RD	HORICON	2	2	3	1	0	2	7	1	1	2	1	1	23	low	low
ONVDED TRUCT		N6056	HODIOON					_		_				-		0.5		
SNYDER TRUST		BENNETT'S RD	HORICON	2	2	2	1	0	2	7	0	0	1	7	1	25	low	low
WILLIAM R SCHULTZ	KATHRYN M SCHULTZ	N6050 BENNETT'S RD	HORICON	2	2	2	1	0	2	7	0	0	1	4	1	22	low	low
WILLIAM IN SCHOLIZ	NATHICTIV III SCHOLIZ		TIONICON				-	0		-	0	-	<u>'</u>	-	'	22	IOW	IOW
MICHAEL J BARZANO		N6036 BENNETT'S RD	HORICON	2	2	3	1	0	2	7	1	4	1	1	12	36	low	low
KYUNG CHO		BENNETT'S RD	HORICON	2	2	3	1	0	2	7	1	4	1	1	12	36	low	low
KT GIVG GITG			1101110014	-		3	<u> </u>	0			<u> </u>		<u> </u>		12	30	IOW	IOW
DEBORAH A BENNETT		N5978 BENNETT'S RD	HORICON	2	2	2	1	0	2	7	4	4	0	4	1	29	low	low
RICHARD C BENNETT	DONNA J BENNETT	DEMMETTORD	. 101110014	2	2	2	1	0	2	7	4	7	0	4	1	32	low	low
GILBERT F BENNETT	BETTY J BENNETT			2	2	2	1	0	2	7	4	7	0	4	1	32	low	low
GILBERT F BENNETT	BETTY J BENNETT			2	2	2	1	0	2	7	4	7	0	4	1	32	low	low
BERNARD A COHEN		NO# CABN		0	2	2	8	0	2	7	1	7	0	1	12	42	low	low
RUSHY GLEN INC		.10// 0/10/1		2	2	2	1	0	2	7	4	7	0	4	1	32	low	low
		NEE20 CT		-	_	_	i i	, ,		<u>'</u>	-	· ·		•	<u> </u>	- JE	.000	.5**
CLARAJEAN LAATSCH	FLOYD O LEHMANN	N5520 ST HELENA RD	JUNEAU	0	2	2	1	0	2	7	1	1	0	7	1	24	low	low
CLARAJEAN LAATSCH	FLOYD O LEHMANN		33.12.10	4	2	3	8	8	3	7	4	4	0	7	1	51	moderate	NA
THIEME FARM INC				2	2	2	4	1	2	7	1	7	0	1	1	30	low	low
GREGORY M FARNHAM	MARY C WARD-FARNHAM			2	2	2	4	1	2	7	1	7	0	1	1	30	low	low
S. L. SOICH MITTHENTIAM	O WALL I AND I AN		1				-					•		•		, 50	.011	

WNER 1	OWNER 2	Property Address	Property City	MFS	D20S	D100S	SGS	sos	BHS	BCS	BVS	BSS	ASS	AVS	BWS	EIS	EIS CAT	SWH CAT
		N5026 + ST	, reperty only															
GREGORY M FARNHAM	MARY C WARD-FARNHAM	HELENA RD	JUNEAU	2	2	2	4	0	2	7	1	7	0	1	1	29	low	low
WILLIAM L KIDDER	MARIE N KIDDER	LAKEVIEW RD	HUSTISFORD	4	2	3	8	4	3	7	4	4	0	7	1	47	low	low
ROBERT G BROUWER	JUDITH M BROUWER	LAKEVIEW RD	HUSTISFORD	4	2	3	8	8	2	7	4	4	0	7	1	50	moderate	NA
GARY L KNIPPER	KAREN A KNIPPER	LAKEVIEW RD	HUSTISFORD	4	1	3	4	8	2	7	7	0	2	7	12	57	moderate	NA
CARVI KNIPPER	KADENI A KNIIDDED	N4380	LUICTICEODD		2	,	4	1	2	7		0		7	1	20	law	madarata
GARY L KNIPPER KHADER A HAMDAN	KAREN A KNIPPER CARMEN HAMDAN	LAKEVIEW RD	HUSTISFORD	4	2	3	8	8	2	7	4	4	0	7	1	32 50	low	moderate moderate
KHADER A HAMDAN	CARMEN HAMDAN	LAKEVIEW RD	HUSTISFORD	7	1	2	4	4	2	7	0	1	2	7	1	38	low	low
KIADLIXATIAWDAN	CARWENTIAWDAN	295 N RIDGE	TIOSTISI OND	-			7	7		<i>'</i>	0	'		,		30	IOW	IOW
JEROME P CIERNIAK	MARIE E CIERNIAK	ST	HUSTISFORD	2	2	3	4	0	2	7	0	0	2	7	1	30	low	moderate
EDWIN M BANCUD		285 N RIDGE ST	HUSTISFORD	4	2	3	4	8	2	7	0	0	2	7	1	40	low	moderate
EDWIN W BANCOD		300 N RIDGE	HUSTISFURD	4		3	4	0		-	U	U		1	'	40	IOW	moderate
GARY P TAUBERT	MICHELE M SALAMONE	ST	HUSTISFORD	2	2	2	4	0	2	7	4	0	2	4	1	30	low	moderate
KENNETH E WEGENER	RUTH A WEGENER	300 N LAKE ST	HUSTISFORD	4	2	3	8	8	2	7	0	0	2	7	12	55	moderate	NA
MICHAEL S GRANT	PAMELA J GRANT	292 N LAKE ST	HUSTISFORD	0	2	4	1	0	2	7	0	0	2	7	12	37	low	low
STRASSBURG TRUST		284 N LAKE ST	HUSTISFORD	0	2	4	1	0	2	7	0	0	2	7	12	37	low	low
TWIN LAKES		NO#LAKEVIEW												_	١.		1.	
DEVELOPMENT	%BERGMAN	RD TRLR		4	2	3	4	1	2	0	0	0	1	7	1	25	low	moderate
IOEL CLAMMEDO		827 E	LUICTICEODD	4	2	2	_	1		7	,			7	,	25	law	madarata
JOEL S LAMMERS		LAKEVIEW RD	HUSTISFORD	4			4	1	2	-	4	0	1	7	1	35	low	moderate
KURT A MECUS	TAMARA L MECUS	W4438 E LAKEVIEW RD	HUSTISFORD	7	2	2	4	1	1	7	4	0	2	7	1	38	low	moderate
KOKT A WILOUG	TAWAKA E WEGGG	W4436	TIOOTIOI OND	· '			7		<u> </u>	l '	7	0		,	<u>'</u>	30	IOW	moderate
SCOTT A KINCZFOGEL	PAMELA A KINCZFOGEL	LAKEVIEW RD	HUSTISFORD	4	2	2	4	1	2	7	0	0	1	7	1	31	low	moderate
		W4428 E																
THERESA OTTO		LAKEVIEW RD	HUSTISFORD	7	2	3	4	1	2	7	0	0	1	7	1	35	low	moderate
		W4410 E																
HERZLER TRUST		LAKEVIEW RD	HUSTISFORD	7	2	2	4	1	2	7	0	0	1	7	1	34	low	moderate
DONALD L MILLER				4	2	3	4	1	2	0	0	0	1	7	1	25	low	moderate
		737 * E																
CARY ROVA		LAKEVIEW RD	LUICTICEODD		2	,	4	1					1	7	1	25	law	madarata
GARY BOVA		#12	HUSTISFORD	4	2	3	4	1	2	0	0	0	1	/	1	25	low	moderate
		727 * E LAKEVIEW RD																
MICHAEL B OLSON	MARY E OLSON	#8	HUSTISFORD	7	2	3	4	1	2	0	0	0	2	7	1	29	low	moderate
		717 * E									-		_					
		LAKEVIEW RD																
THANG D PHAM	CHRISTINE M PHAM	#8	HUSTISFORD	4	2	3	4	1	2	0	0	0	1	7	1	25	low	moderate
		537 W JUNEAU																
BRIAN P DOWNEY	LINDA M DOWNEY	ST	HUSTISFORD	2	2	2	4	0	2	7	4	4	1	4	1	33	low	moderate
		507 W JUNEAU								_				_	١.		1.	
DWAYNE W SCOTT	MARYANN SCOTT	ST	HUSTISFORD	2	2	2	4	0	2	7	0	0	2	7	1	29	low	moderate
CLAYTON O	CHELLA LEALIZENTHAL	497 W JUNEAU ST	LUICTICEODD	4	2	2	4	1	2	7	0	0	,	7	1	32	law	madarata
FALKENTHAL	SHEILA J FALKENTHAL		HUSTISFORD	4			4	1		-	U	U	2	1	'	32	low	moderate
DUANE M BELLOWS	CHARLENE J BELLOWS	485 W JUNEAU ST	HUSTISFORD	4	2	2	4	1	2	7	0	0	2	7	1	32	low	moderate
ROBERT E	I STREET OF DELECTION	475 W JUNEAU		i i		_	<u> </u>			<u> </u>		Ŭ	_	Ĺ	<u> </u>			modorato
ACHTERBERG	MARTHA A ACHTERBERG	ST	HUSTISFORD	4	2	2	4	8	2	7	0	0	2	7	1	39	low	moderate
		123 E TWEEDY																
RANDY J NEIMAN	MELISSA R FABER	ST	HUSTISFORD	0	2	4	1	0	2	7	0	0	2	7	12	37	low	low
		127 E TWEEDY																
PATRICK G NAYLOR		ST	HUSTISFORD	0	2	4	1	0	2	7	4	0	2	7	12	41	low	low
ERWIN SCHOENIKE	GERTRUDE SCHOENIKE	226 N LAKE ST	HUSTISFORD	0	2	4	1	0	2	7	0	0	2	7	12	37	low	low
JEFFREY A HODORSKI	SARA A STRASSBURG	234 N LAKE ST	HUSTISFORD	0	2	3	1	0	2	7	0	0	2	7	12	36	low	low
J SCOTT TODD		244 N LAKE ST	HUSTISFORD	0	2	3	1	0	2	7	0	0	2	7	12	36	low	low

WNER 1	OWNER 2	Property Address	Property City	MFS	D20S	D100S	SGS	sos	BHS	BCS	BVS	BSS	ASS	AVS	BWS	EIS	EIS CAT	SWH CAT
_	OWNER_2	Address	Property City	IVIFS	D205	D1005	565	505	BH2	BC2	BVS	855	A55	AVS	BWS	EIS	EIS_CAT	SWH_CA
HERBERT E NEUENSCHWANDER		250 N LAKE ST	HUSTISFORD	0	2	4	1	0	2	7	0	0	2	7	12	37	low	low
STRASSBURG TRUST		276 N LAKE ST	HUSTISFORD	0	2	4	1	0	2	0	0	0	2	7	12	30	low	low
BARBARA A WITTNEBEL		268 N LAKE ST	HUSTISFORD	0	2	4	1	0	1	7	0	0	2	7	12	36	low	low
BETHANY EV LUTH CONG		260 N LAKE ST	HUSTISFORD	0	2	4	1	0	2	0	0	0	2	7	12	30	low	low
MARY E ACHTERBERG		415 W JUNEAU ST	HUSTISFORD	7	2	2	4	8	2	7	0	0	2	7	1	42	low	moderate
MARJORIE RYDER		427 W JUNEAU ST	HUSTISFORD	2	2	2	4	0	2	7	0	0	2	7	1	29	low	moderate
RICHARD W BURCH	MARY E BURCH	439 W JUNEAU ST	HUSTISFORD	2	2	2	4	0	2	7	4	0	2	7	1	33	low	moderate
LOUIS R LINSMEYER	CORINNE G LINSMEYER	451 W JUNEAU ST	HUSTISFORD	2	2	2	4	0	2	7	0	0	2	7	1	29	low	moderate
HUNDT TRUST		459 W JUNEAU ST	HUSTISFORD	2	2	2	4	0	2	7	0	0	2	7	1	29	low	moderate
CAMPERS INCORPORATED		NO#N HUSTIS ST SHED		2	1	2	1	4	2	7	1	4	0	1	1	26	low	moderate
IONA A LANGENECKER		337 + W TWEEDY ST	HUSTISFORD	2	2	2	4	0	2	0	0	0	2	7	1	22	low	moderate
IONA A LANGENECKER		337 + W TWEEDY ST	HUSTISFORD	2	2	2	4	0	2	0	0	0	2	7	1	22	low	moderate
RUE S LEITZKE	VICKIE M LEITZKE	325 W TWEEDY ST	HUSTISFORD	2	2	2	4	0	2	7	0	0	2	7	1	29	low	moderate
BETTY LEITZKE TRUST		225 N HIGHLAND ST	HUSTISFORD	2	2	2	4	0	2	7	0	0	2	7	1	29	low	moderate
BETTY LEITZKE TRUST		221 N HIGHLAND ST	HUSTISFORD	2	2	2	4	0	2	7	0	0	2	7	1	29	low	moderate
BETTY LEITZKE TRUST				4	2	3	8	1	2	7	4	4	0	7	6	48	moderate	moderate
VIRGINIA ERDMAN	GERDA KIEFER	NO#N RIDGE ST SHED		7	2	2	4	8	2	7	0	0	1	7	1	41	low	moderate
VIRGINIA ERDMAN	GERDA KIEFER	267 N RIDGE ST	HUSTISFORD	4	2	3	4	8	2	7	0	0	1	7	1	39	low	moderate
MERLIN H HANDEL	CYNTHIA S KUNZ	277 N RIDGE ST	HUSTISFORD	4	2	3	4	8	2	7	0	0	2	7	1	40	low	moderate
				4	2	3	8	1	3	7	1	0	2	7	1	39	low	moderate
				4	2	3	8	4	2	7	0	0	2	7	1	33	low	low
	1			4	2	3	4	4	2	/	4	0	0	4	1	35	low	low