



GREEN LAKE COUNTY SHORELINE SURVEY

Green Lake Land Conservation
Golden Sands Resource
Conservation and Development

Data Collection – Summer 2015

- Wisconsin Department of Natural Resources
- All lakes in Green Lake County
- 2000+ parcels

Date _____ Lake name _____ WBIC _____
 Parcel ID _____ Observers _____

RIPARIAN ZONE	
Natural vs. Disturbed	% Cover
Natural	%
Disturbed	%
sum=100	

DISTURBED Riparian Zone Only (note: does NOT need to sum to 100%)	
	% Cover
Canopy	% (0-100)
Shrub	% (0-100)
Herbaceous plants	% (0-100)

DISTURBED Riparian Zone Only (note: MUST sum to 100%)	
	% Cover
Max. of Shrub or Herbaceous	%
Impervious surface	%
Manicured lawn	%
Row Crops	%
Pasture, Range, Hay field	%
Other (mulch, sand, duff, etc)	%
sum=100	

Human Structures in Riparian	Number
Main residence buildings	
Out buildings (sheds, etc)	
Commercial buildings	
Stairway	
Fire pits	
Other :	
Other :	

Hydrologic Modifications in Riparian or Entire Parcel	Present in Riparian	Present out of Riparian
Point source	<input type="checkbox"/>	<input type="checkbox"/>
Channelized water flow/gully	<input type="checkbox"/>	<input type="checkbox"/>
Straight stair/trail/road to lake	<input type="checkbox"/>	<input type="checkbox"/>
Grading	<input type="checkbox"/>	<input type="checkbox"/>
Bare soil	<input type="checkbox"/>	<input type="checkbox"/>
Slumping banks	<input type="checkbox"/>	<input type="checkbox"/>
Sand/silt deposits	<input type="checkbox"/>	<input type="checkbox"/>
Other:	<input type="checkbox"/>	<input type="checkbox"/>

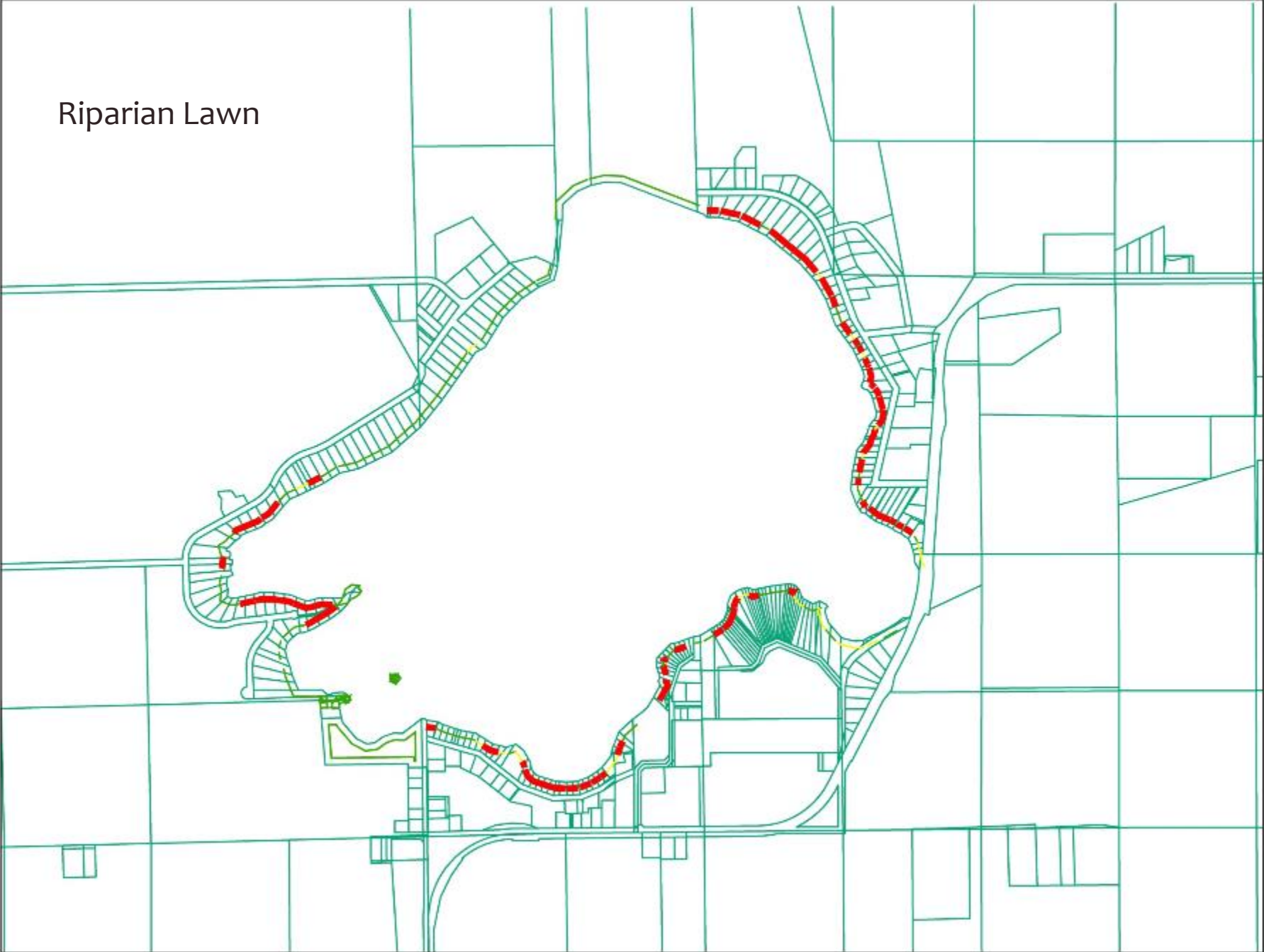
BANK ZONE - (Linear Measure)	
Human modifications	Length (ft)
Vertical sea wall	ft
Rip rap	ft
Other erosion control	ft
Artificial beach	ft
Erosion < 1ft Face	ft
Erosion > 1ft Face	ft

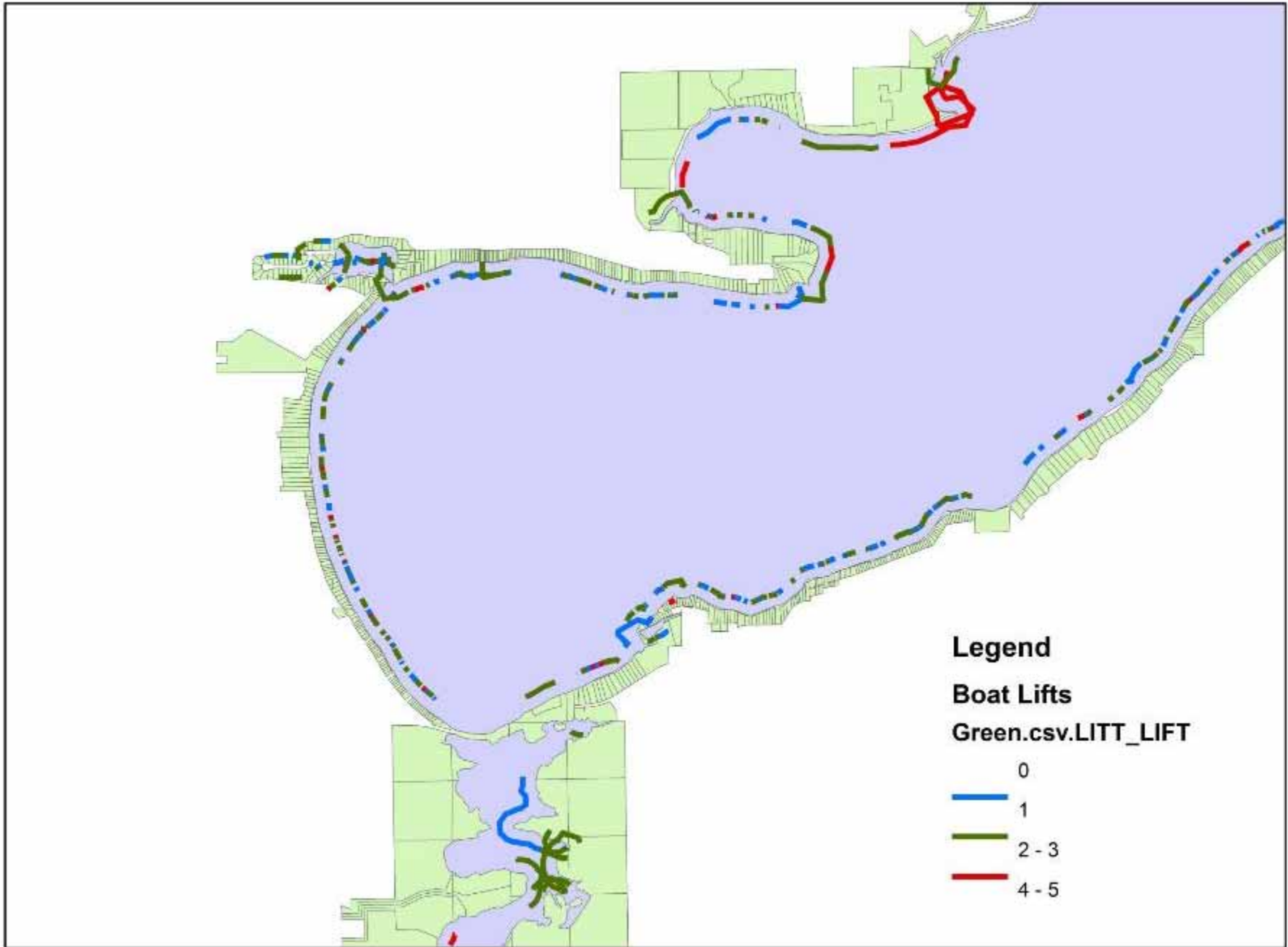
LITTORAL ZONE (In-Water)	
Human Structures	Number
Piers	
Boat lifts	
Swim rafts/trampolines	
Boathouses (over water)	
Mooring buoys	
Dredge channels	
Commercial marinas	
Bridges	
Public beaches	
Other:	
Other:	

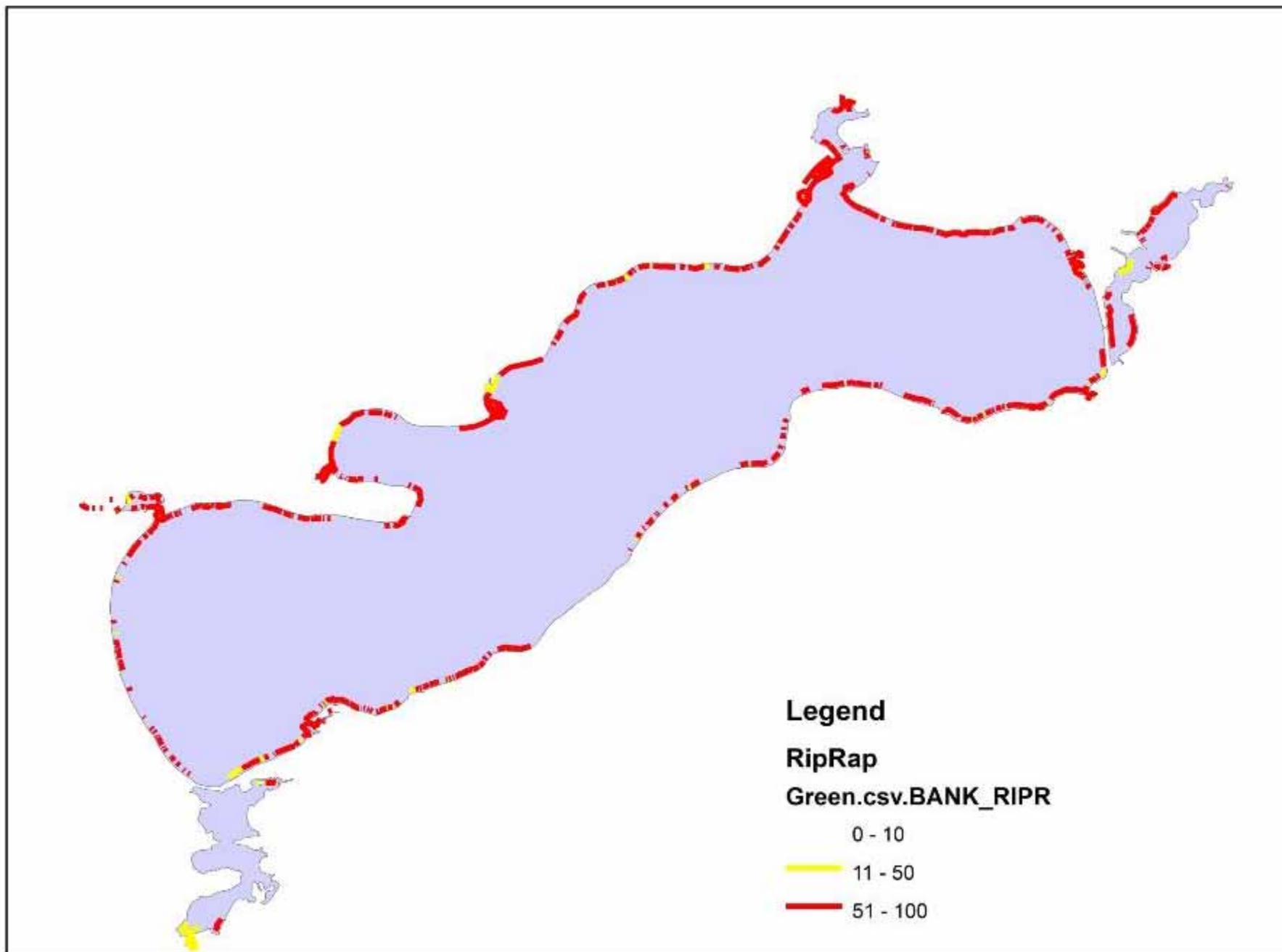
Aquatic Plants	Present
Emergents	<input type="checkbox"/>
Floating	<input type="checkbox"/>

Notes:

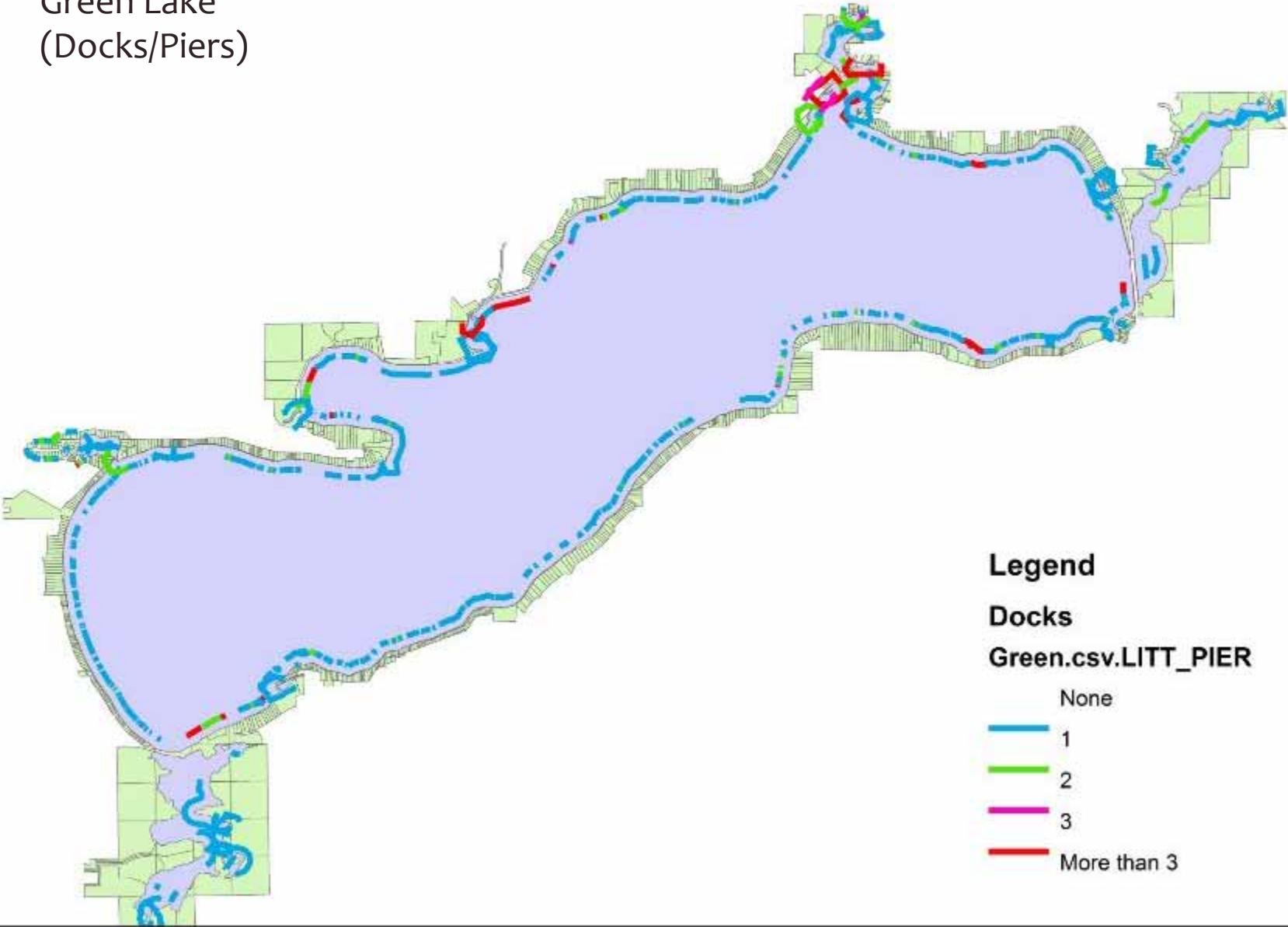
Riparian Lawn

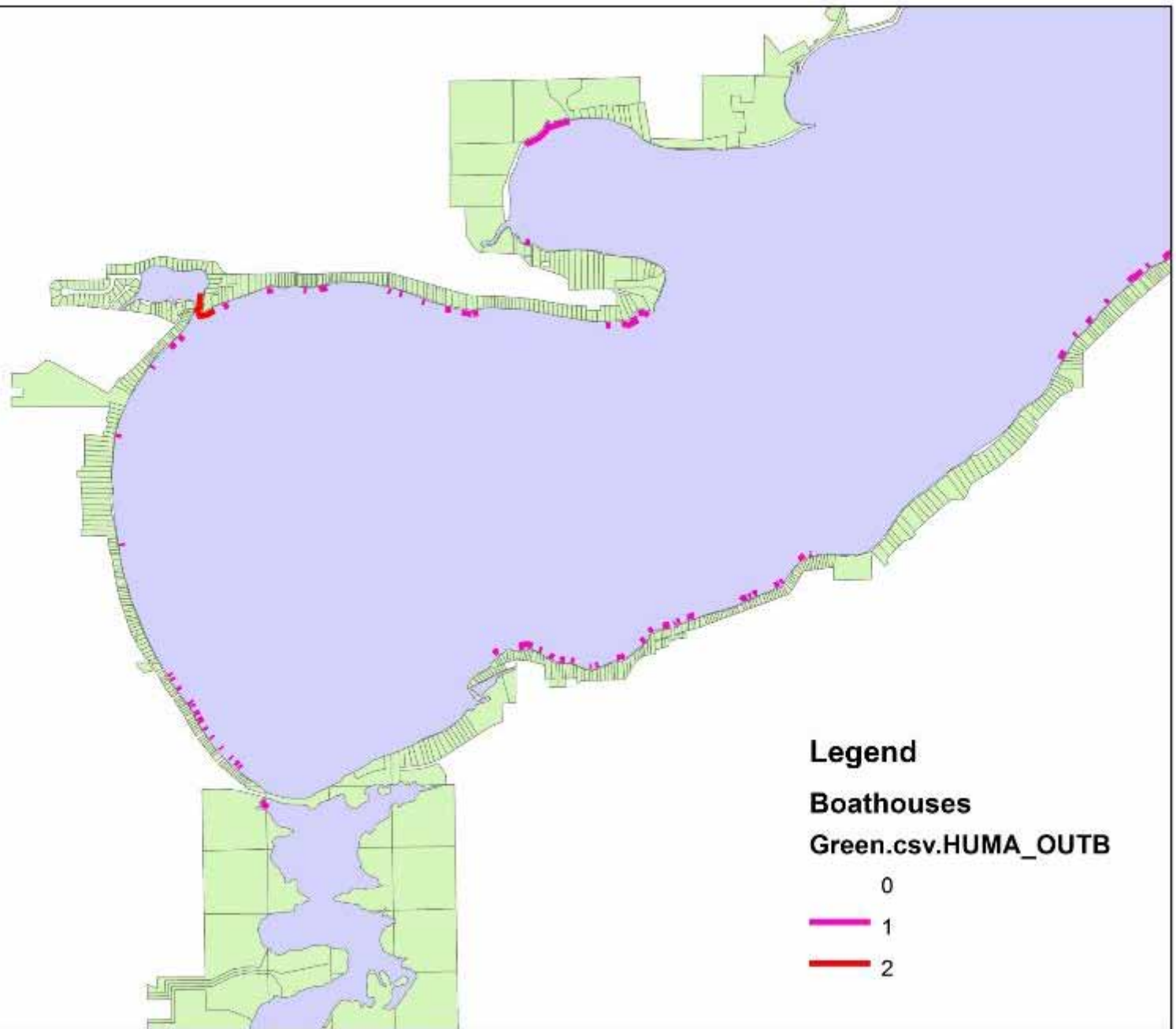






Green Lake
(Docks/Piers)





Legend

Bank-RipRap

BANK_RIPR

0 - 10

11 - 50

51 - 100

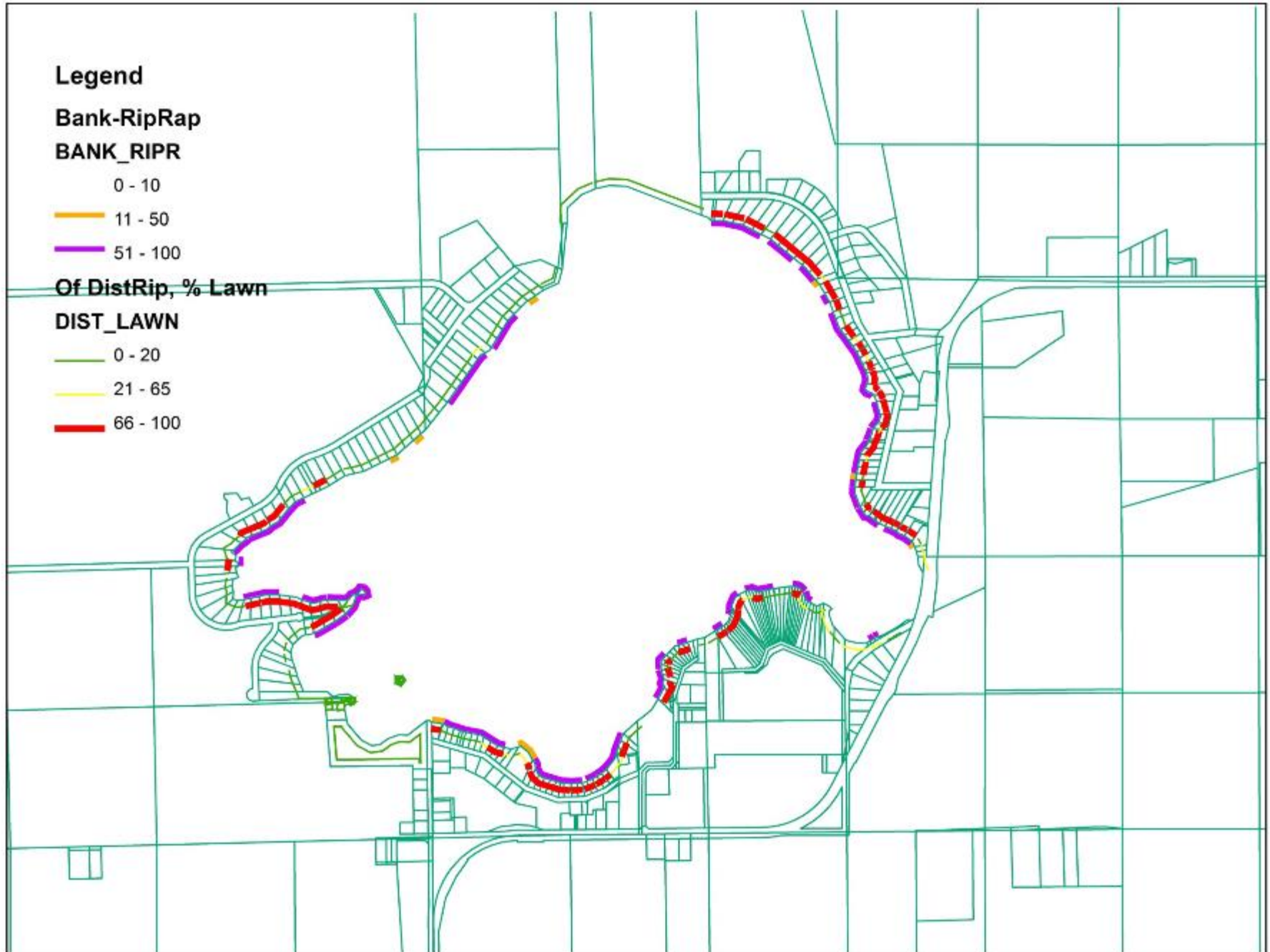
Of DistRip, % Lawn

DIST_LAWN

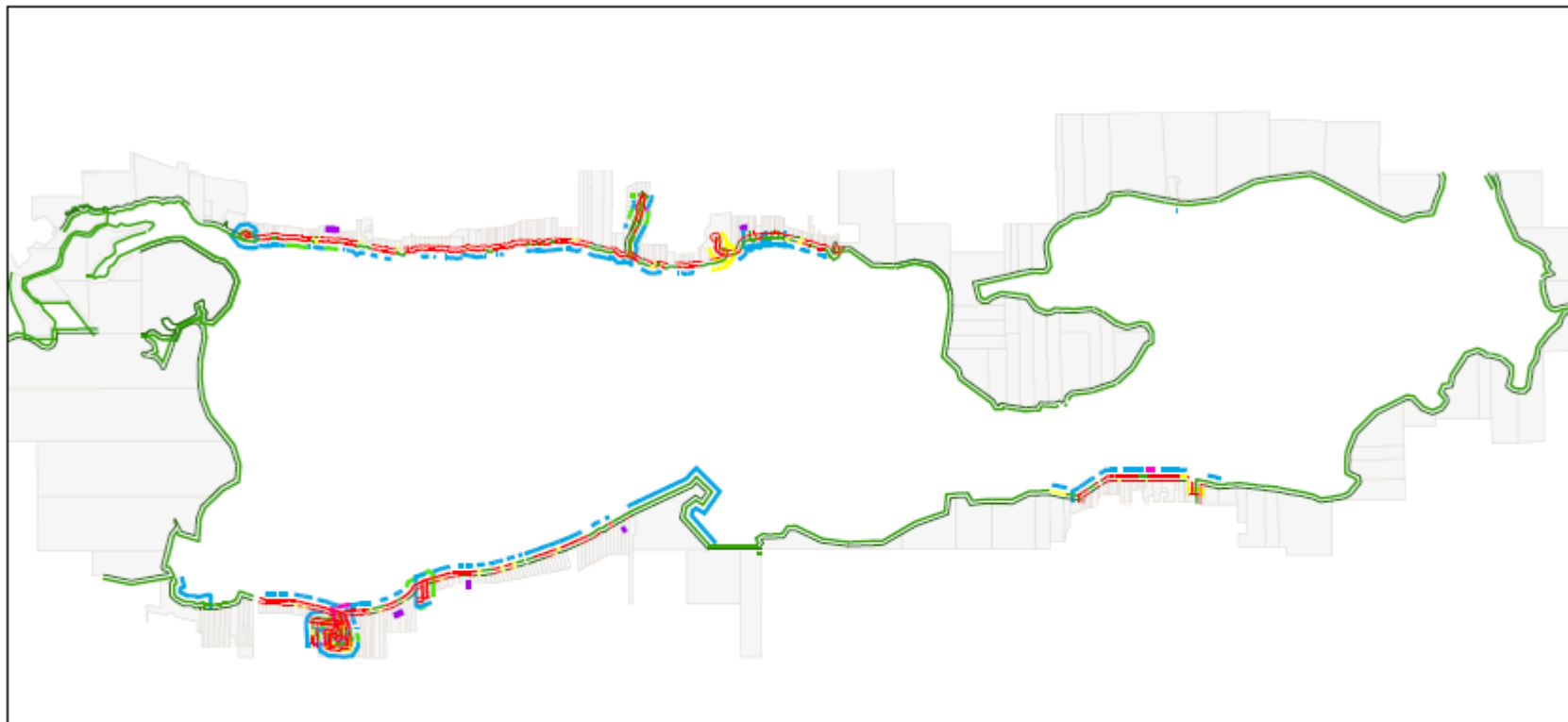
0 - 20

21 - 65

66 - 100



Lake Puckaway Shoreline Survey



Legend

Natural Riparian

- 0%-10% Natural
- <50% Natural
- >51% Natural

Docks

- None
- 1
- 2
- 3
- More than 3

Bank Zone Modifications

- Less than 10%
- Less than 50%
- Up to 100%

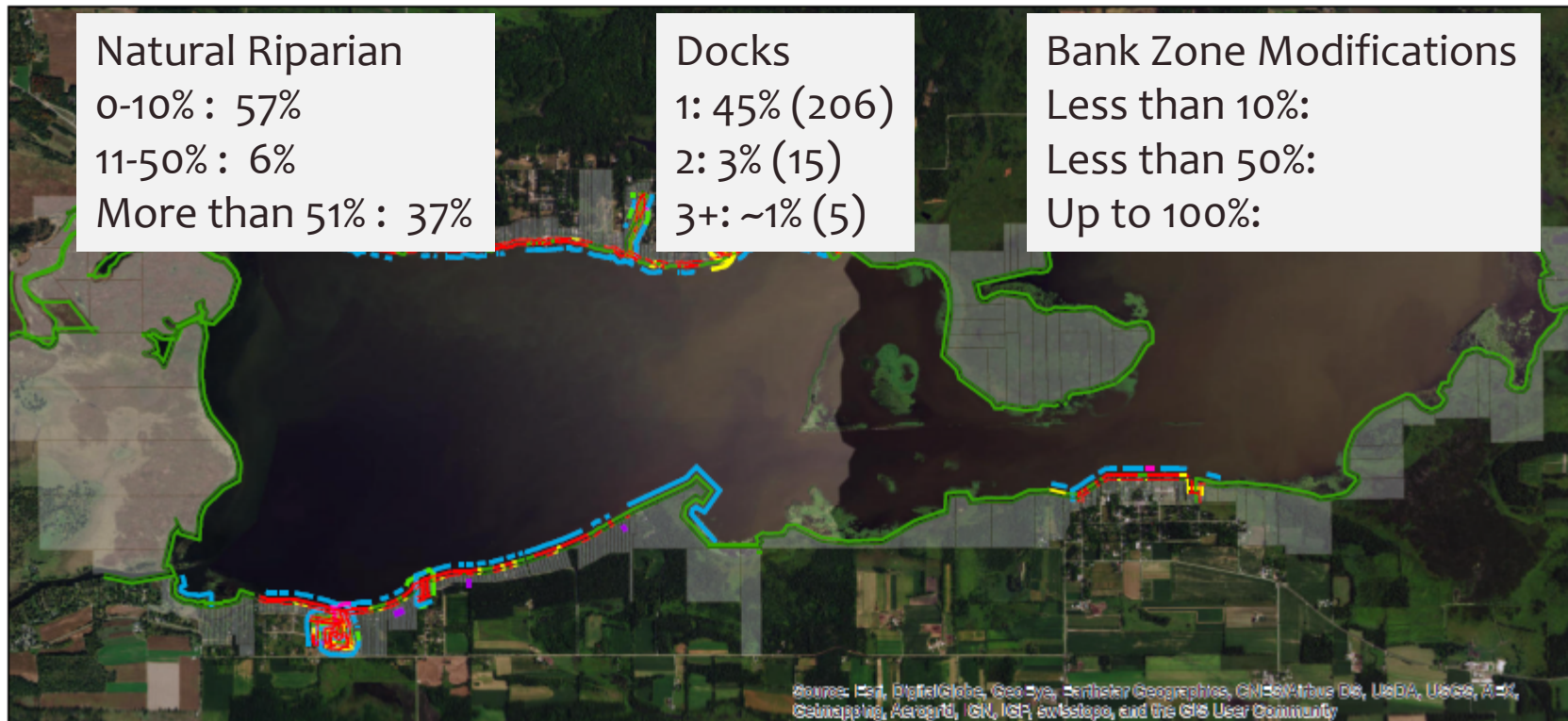
Puckaway Parcels

Point Source In Riparian Zone

0 1,300 2,600 5,200 Feet



Lake Puckaway Shoreline Survey



Legend

Natural Riparian

- 0%-10% Natural
- <50% Natural
- >51% Natural

Docks

- None
- 1
- 2
- 3
- More than 3

Bank Zone Modifications

- Less than 10%
- Less than 50%
- Up to 100%

□ Puckaway Parcels

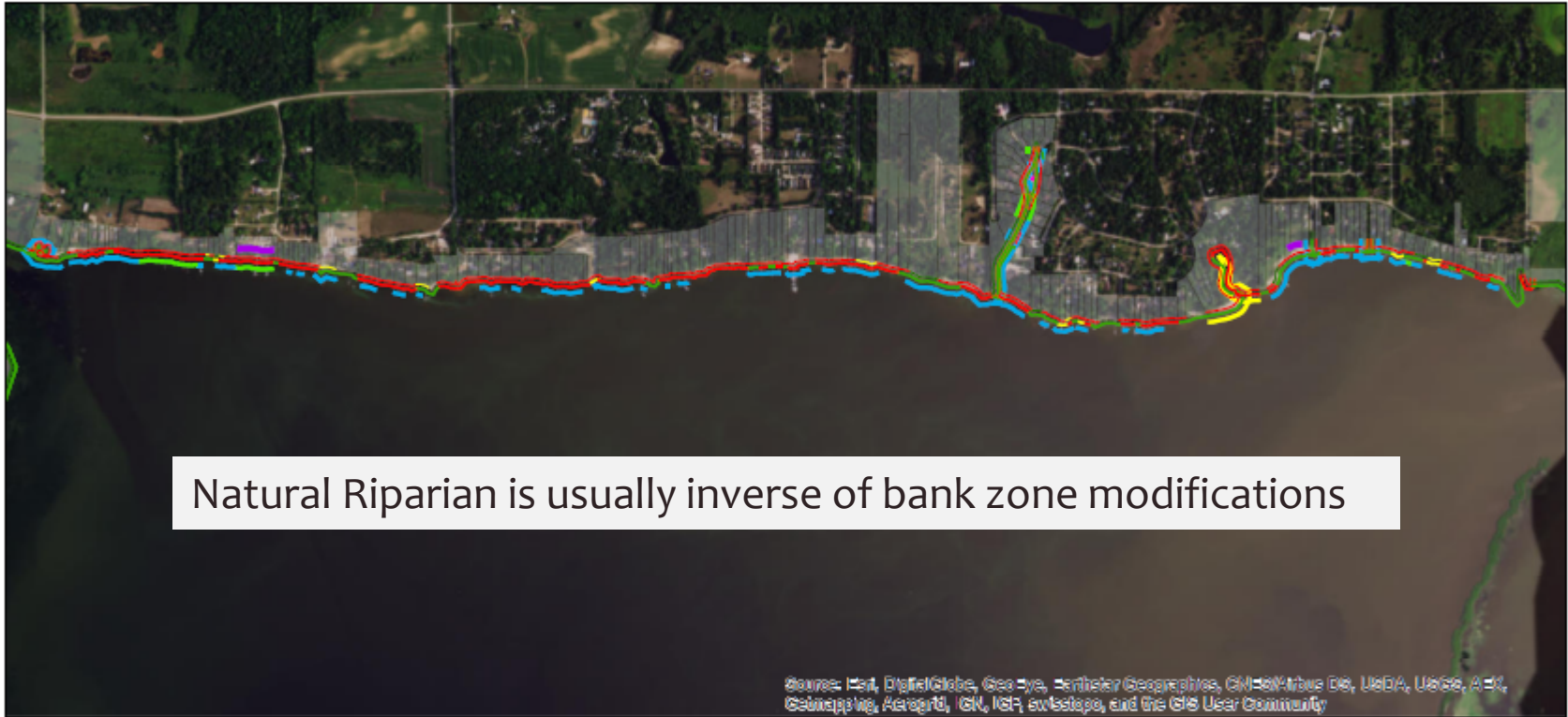
— Point Source In Riparian Zone

0 1,300 2,600 5,200 Feet



Lake Puckaway Shoreline Survey

Northwest Shore



Natural Riparian is usually inverse of bank zone modifications

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNR/Airbus DS, USDA, USGS, AeroV, Geomatics, AeroGRID, IGN, ISR, Intermap, and the GIS User Community

Legend

Natural Riparian

- 0%-10% Natural
- <50% Natural
- >51% Natural

Docks

- None
- 1
- 2
- 3
- More than 3

Bank Zone Modifications

- Less than 10%
- Less than 50%
- Up to 100%

Puckaway Parcels

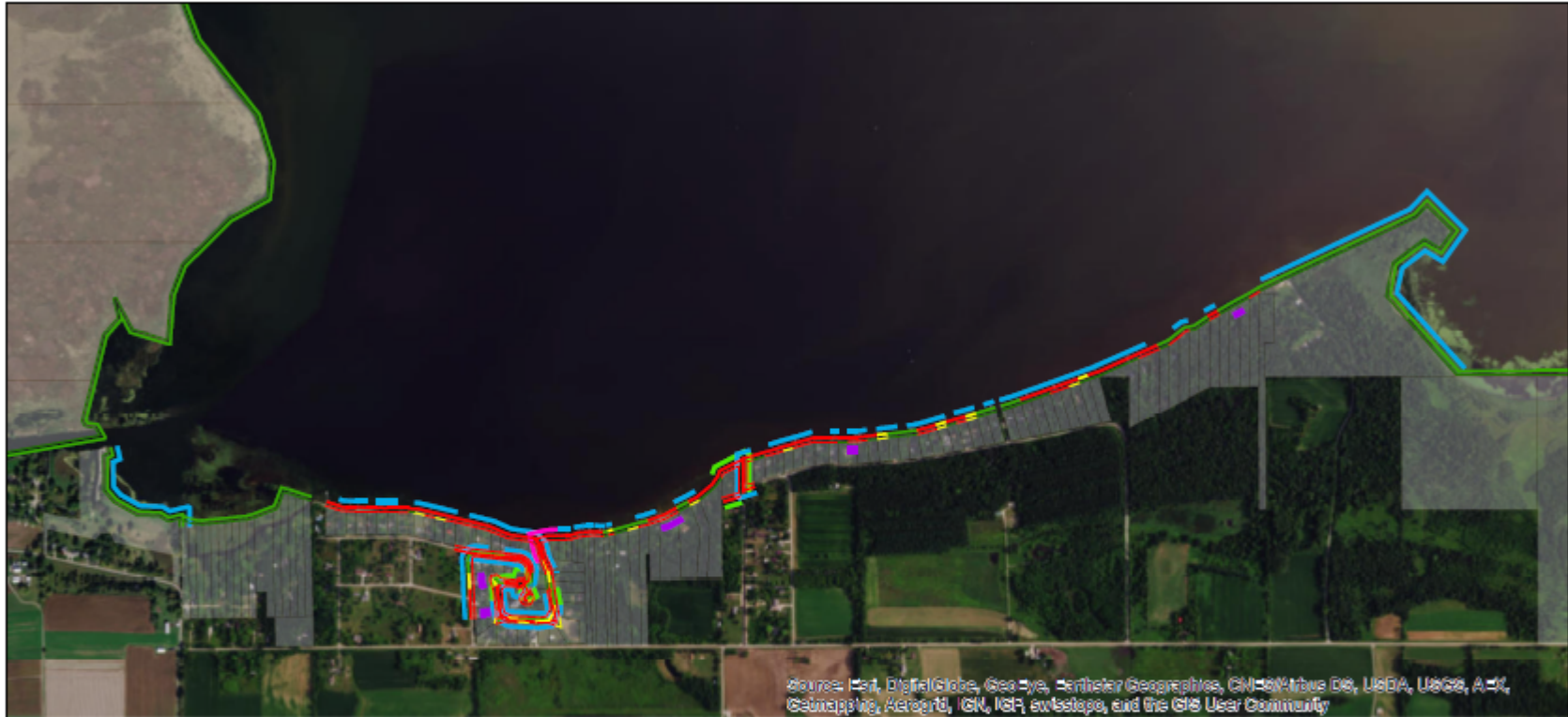
Point Source In Riparian Zone

0 500 1,000 2,000 Feet



Lake Puckaway Shoreline Survey

Southwest Shore



Legend

Natural Riparian

- 0%-10% Natural
- <50% Natural
- >51% Natural

Docks

- None
- 1
- 2
- 3
- More than 3

Bank Zone Modifications

- Less than 10%
- Less than 50%
- Up to 100%

Puckaway Parcels

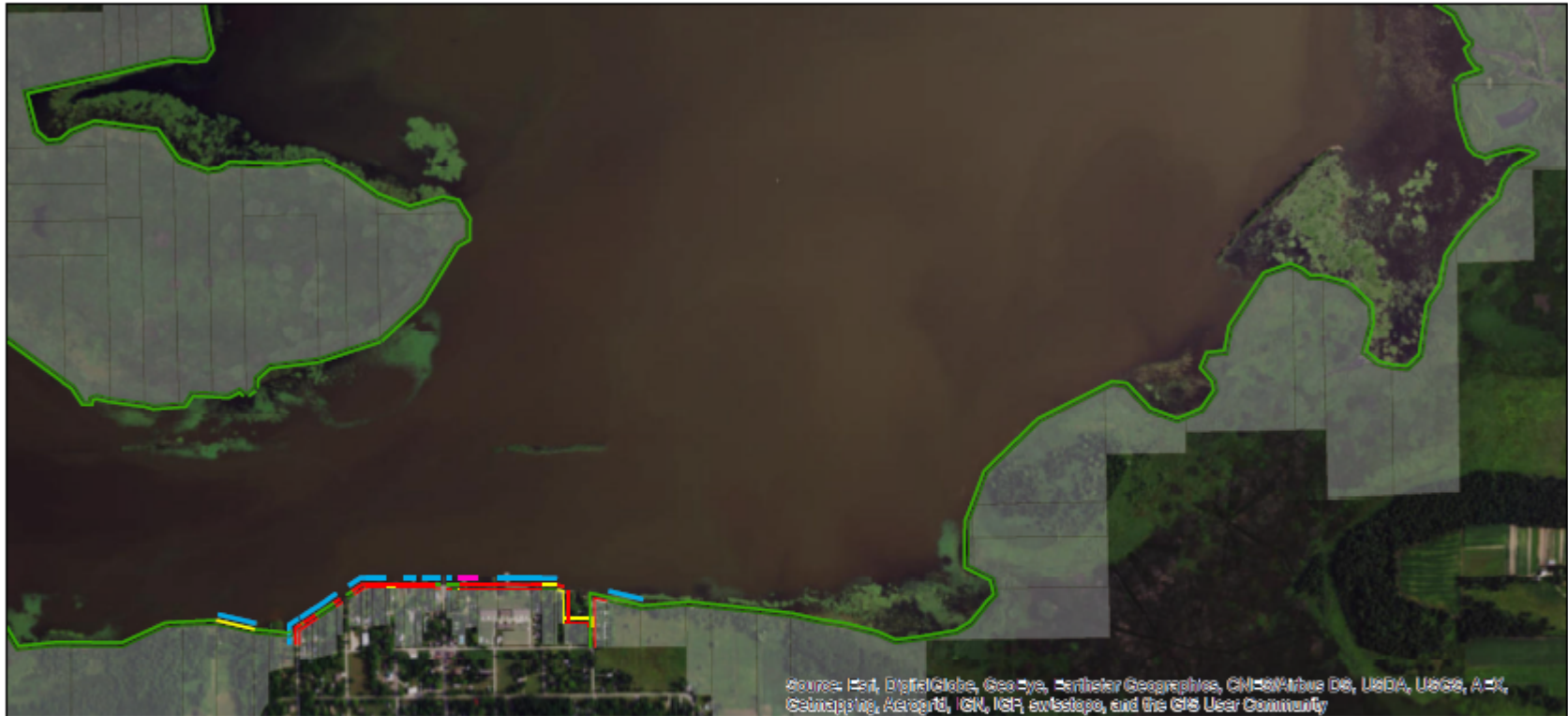
- Point Source In Riparian Zone

0 500 1,000 2,000 Feet



Lake Puckaway Shoreline Survey

Southeast Shore



Legend

Natural Riparian

- 0%-10% Natural
- <50% Natural
- >51% Natural

Docks

- None
- 1
- 2
- 3
- More than 3

Bank Zone Modifications

- Less than 10%
- Less than 50%
- Up to 100%

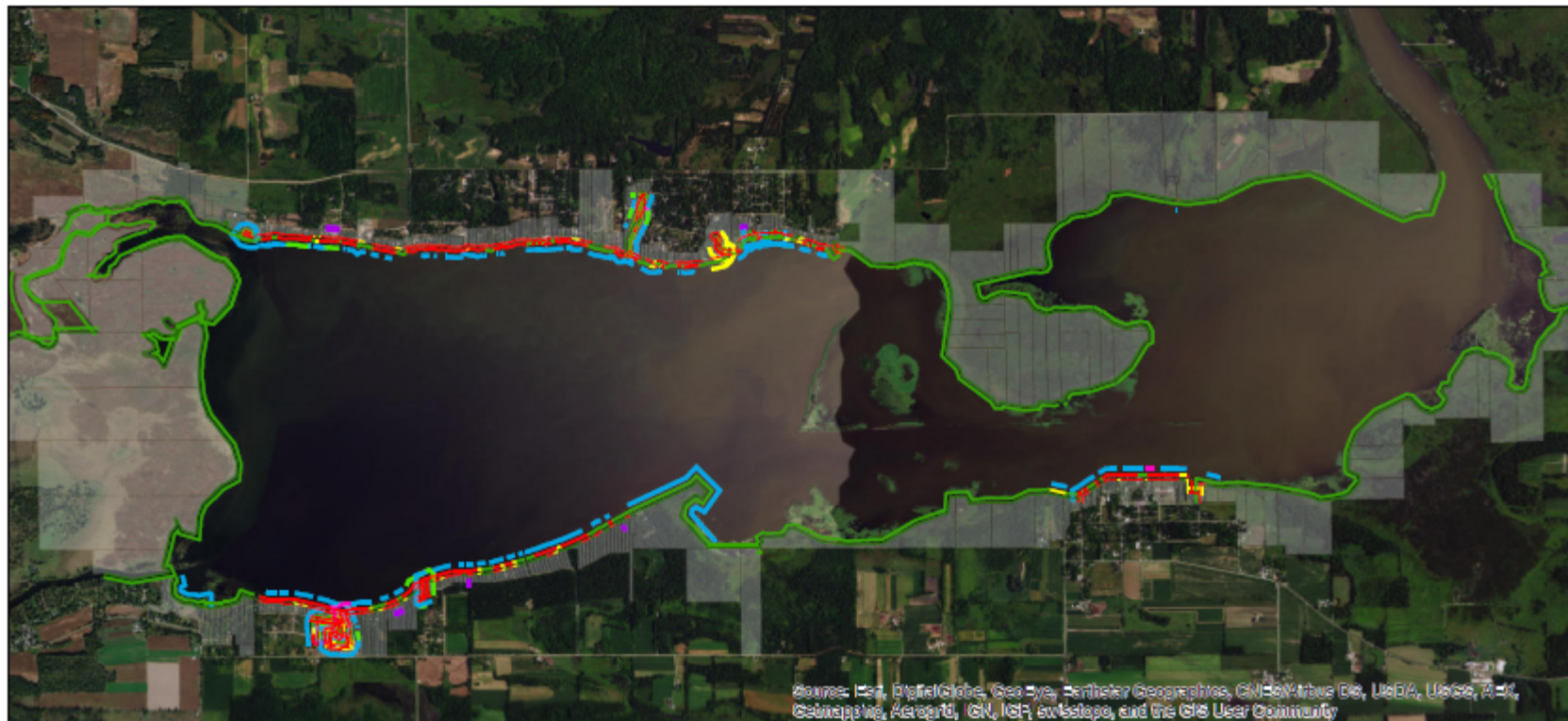
Puckaway Parcels

Point Source In Riparian Zone

0 500 1,000 2,000 Feet



Lake Puckaway Shoreline Survey



Legend

Natural Riparian

- 0%-10% Natural
- <50% Natural
- >51% Natural

Docks

- None
- 1
- 2
- 3
- More than 3

Bank Zone Modifications

- Less than 10%
- Less than 50%
- Up to 100%

— Puckaway Parcels

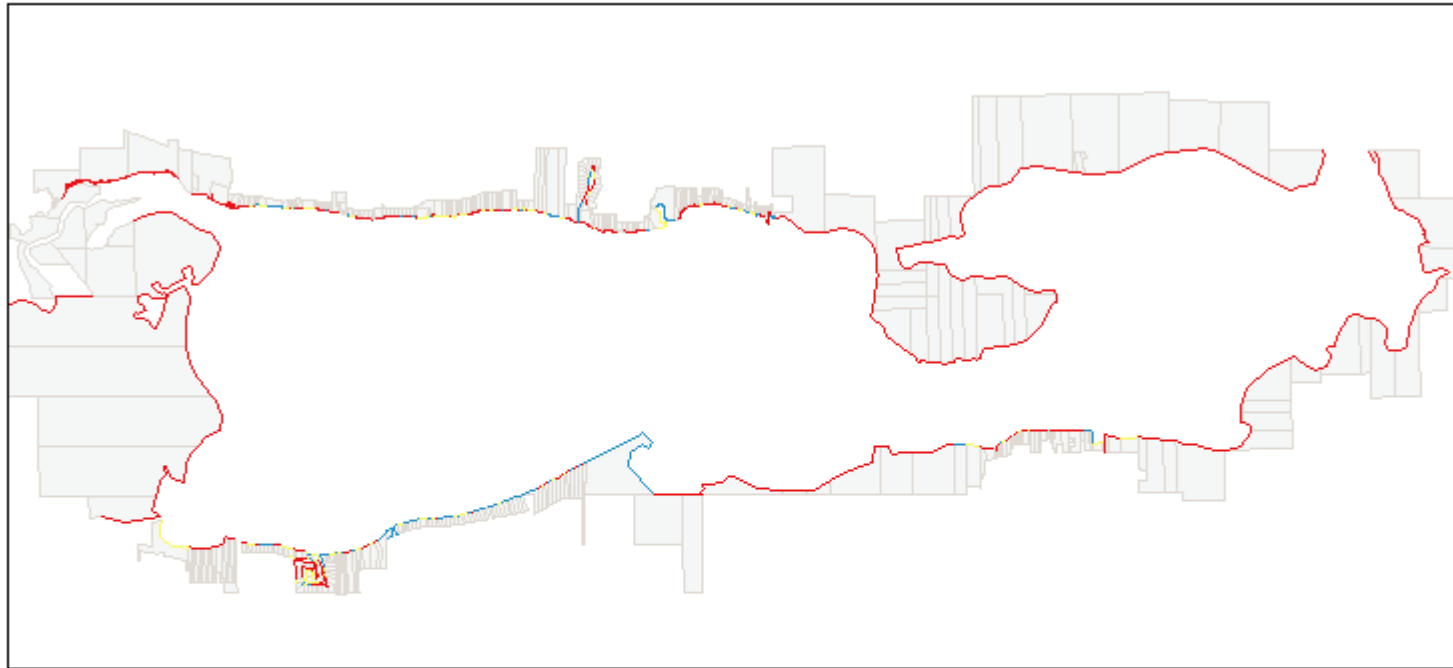
— Point Source In Riparian Zone

0 1,300 2,600 5,200 Feet



Lake Puckaway Shoreline Survey

Canopy Cover



Legend

Canopy

- 20% cover (289)
- Up to 60% cover (84)
- Up to 100% cover (83)

█ Puckaway Parcels

0 1,350,700 5,400
Feet



Lake Puckaway Shoreline Survey

Shrub Cover



Legend

Shrubs

- 0-15% (412)
- To 50% (31)
- To 100% (13)

Puckaway Parcels

0 1,350,700 5,400
Feet



