

Data Collectors <u>Chris Hamerla, Scott VanEgeren</u>			Date <u>8-25-11</u>	
Lake Name <u>Tug Lake</u>		County <u>Lincoln</u>		WBIC <u>1482400</u>
Start Time	End Time <u>5:00pm</u>	Secchi Depth <u>1.9</u>	Conductivity	

↳ disappeared due to stained color

Look for the following species: Purple loosestrife, Phragmites, flowering rush, Hydrilla, Brazilian waterweed, Eurasian water-milfoil, curly-leaf pondweed, yellow floating heart, zebra mussel, quagga mussel, Chinese mystery snail, banded mystery snail, faucet snail, New Zealand mud snail. List any other AIS found.

STEP 1: Record locations of sites (in decimal degrees) using a GPS unit (datum WGS84). List AIS found at each site or record none. Collect a sample of any suspected AIS found.

Boat Landing# 1 Species None Latitude 45.30307° Longitude 089.70309° Density (1-5) —

Boat Landing# _____ Species _____ Latitude _____ Longitude _____ Density (1-5) _____

Boat Landing# _____ Species _____ Latitude _____ Longitude _____ Density (1-5) _____

Search Site# 1 Species CMS (very broken down) Latitude 45° 30.162° Longitude 089.69652 Density (1-5) 1

Search Site# 2 Species None Latitude 45.30721° Longitude 089.69788 Density (1-5) —

Search Site# 3 Species None Latitude 45.30716° Longitude 089.70291° Density (1-5) —

Search Site# 4 Species spawning in hospital baby "mystery" snails? Latitude 45.29972° Longitude 089.70553° Density (1-5) —

Search Site# 5 Species island on SE side of lake Latitude 45.30087 Longitude 089.59981 Density (1-5) —

Search Site# _____ Species _____ Latitude _____ Longitude _____ Density (1-5) _____

Meander Survey# _____ Species _____ Latitude _____ Longitude _____ Density (1-5) _____

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Meander Survey# _____ Species _____ Latitude _____ Longitude _____ Density (1-5) _____

Step 2: Label each specimen collected with species, collector, date, lake name, WBIC and Location # Send your specimens to an expert for verification. Instructions on how to voucher specimens and a list of statewide taxonomy experts can be found at: <http://dnr.wi.gov/invasives/aquatic/whattodo/staff/>

Step 3: Data was entered into SWIMS on _____ by _____
Date Name

Notes:

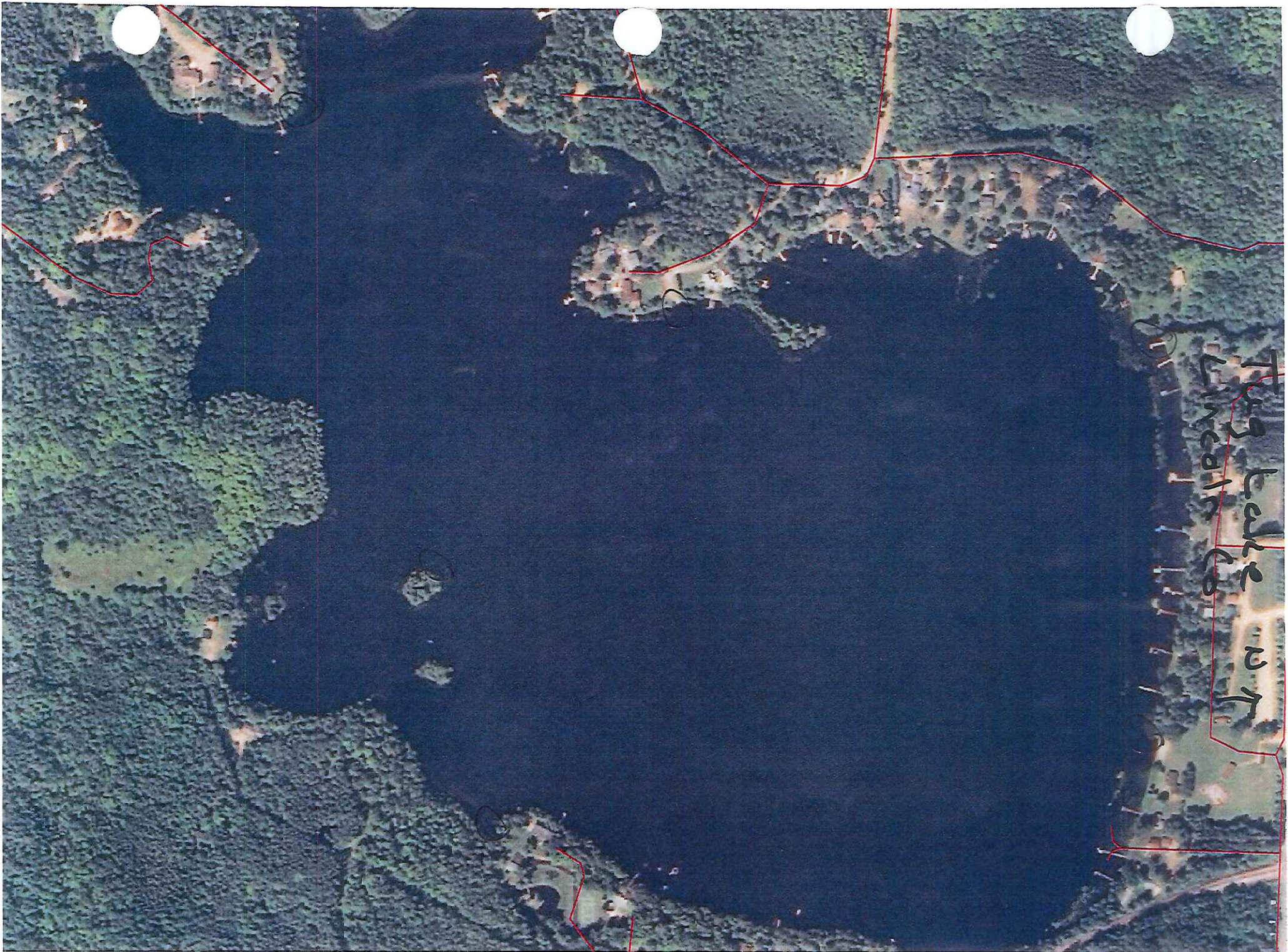
No ZM took, lake not listed as suitable.

Density Ratings

- 1 – A few plants or invertebrates
- 2 – One or a few plant beds or colonies of invertebrates
- 3 – Many small beds or scattered plants or colonies of invertebrates
- 4 – Dense plant, snail or mussel growth in a whole bay or portion of the lake
- 5 – Dense plant, snail or mussel growth covering most shallow areas

General guidance on areas to search for the 10 minute quick snorkel search sites:

- Check rocks for zebra/quagga mussels, faucet snails and New Zealand mudsnails.
- Check around small backyard boat launches.
- Check near creek inlets (especially if AIS are found upstream).
- Check the stems of emergent vegetation for climbing faucet snails.
- Check areas downwind of large boat landings.

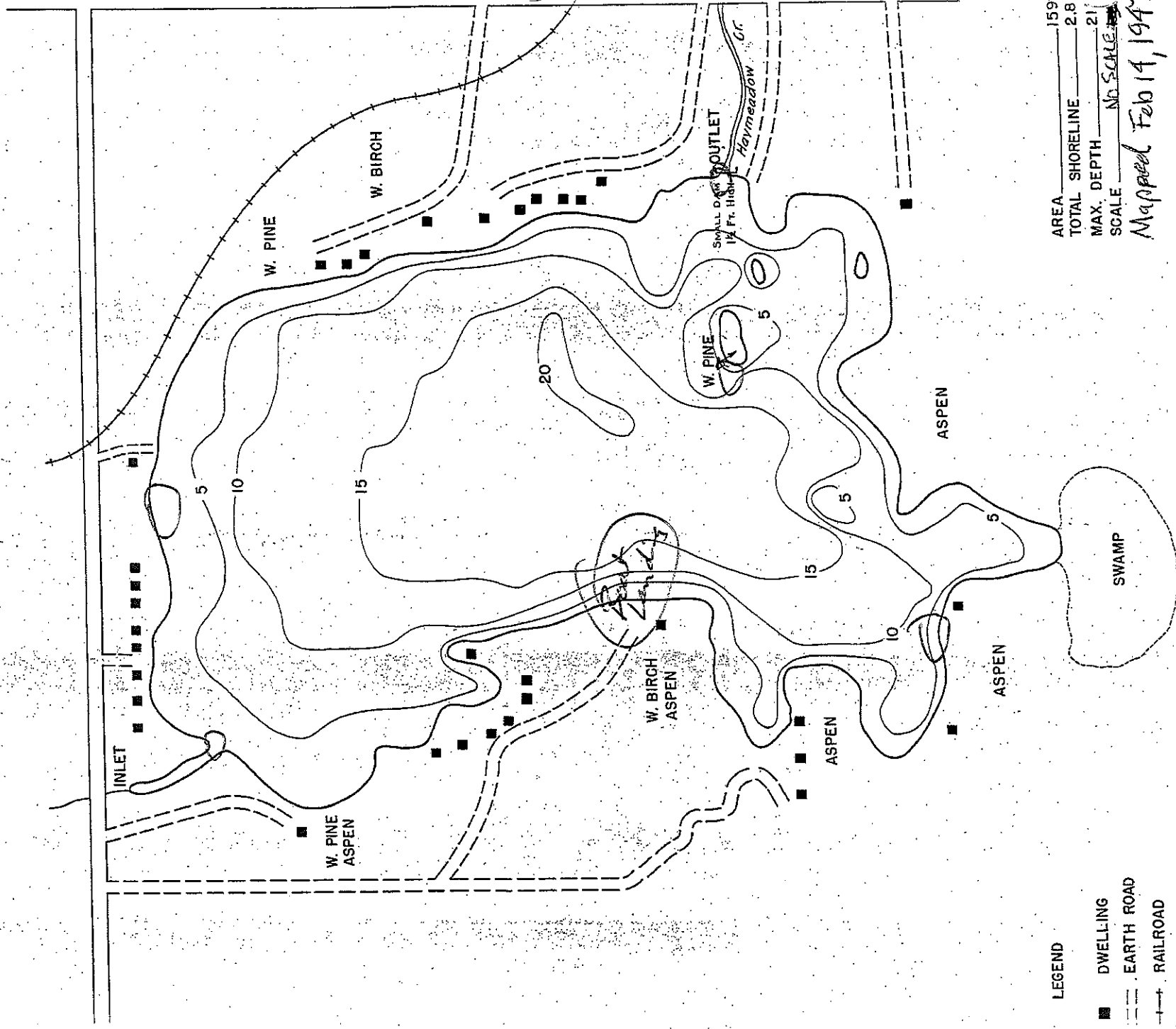


Tug Lake
Lincoln →

WISCONSIN CONSERVATION DEPARTMENT
BIOLOGY DIVISION
LAKE AND STREAM IMPROVEMENT SECTION

LAKE SURVEY MAP

LAKE TUG
SECTION 35
TOWNSHIP 33
RANGE 6
TOWN OF ROCK FALLS
COUNTY LINCOLN



LEGEND

- DWELLING
- - - EARTH ROAD
- + - RAILROAD

AREA 159 Acres
TOTAL SHORELINE 2.8 Miles
MAX. DEPTH 21
SCALE NO SCALE

Mapped Feb 14, 1947