

Figures

Figure 1 – Location Map

Figure 2 – Bathymetric Map – Callahan

Figure 3 – Bathymetric Map – Mud

Figure 4 – EWM Density and Treated Areas - Callahan

Figure 5 – EWM Density and Treated Areas – Mud

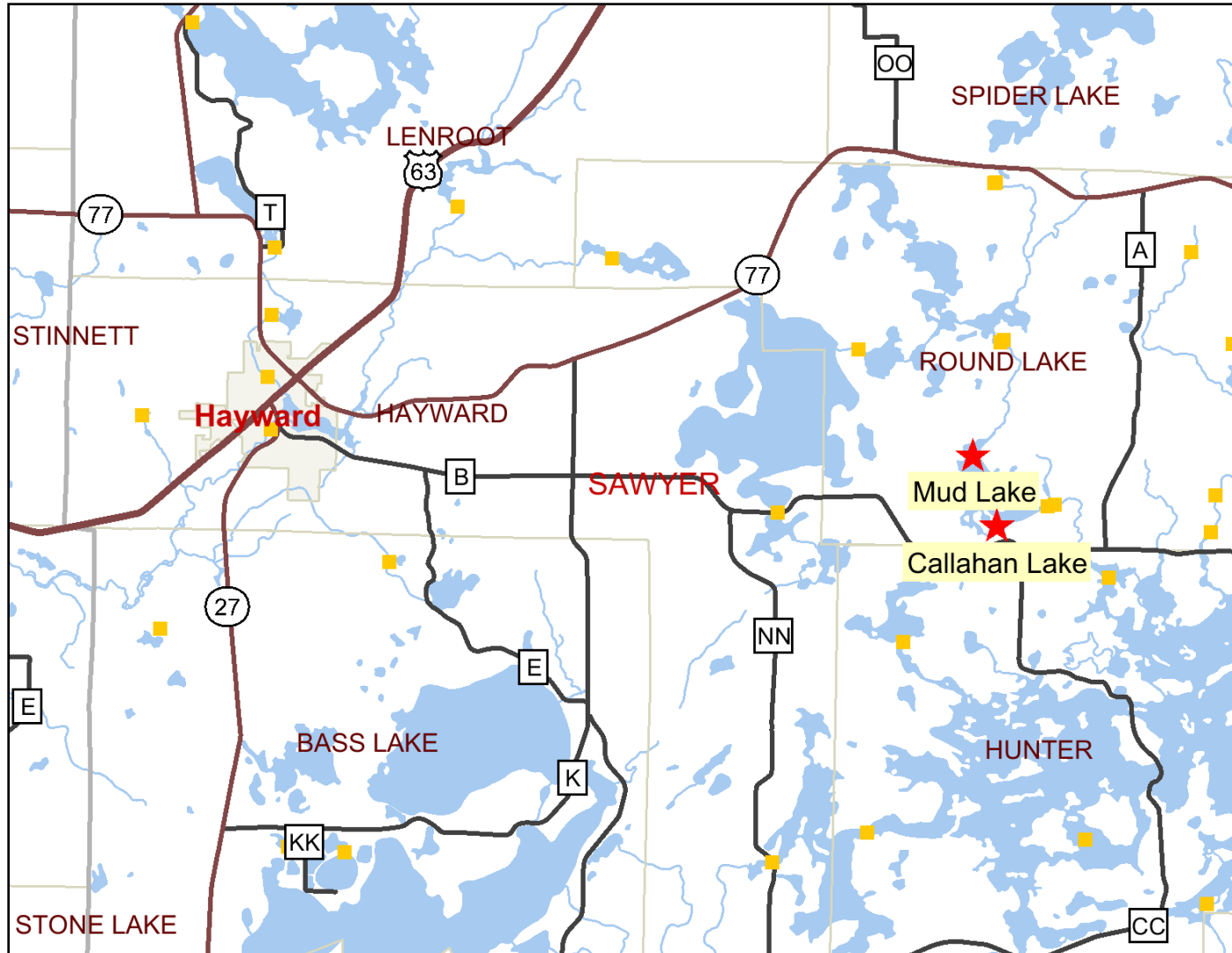
Figure 6 – EWM and Native Vegetation - Callahan

Figure 7 – EWM and Native Vegetation - Mud

Figure 8 - Musky Spawning Habitat Locations

Figure 9 – Callahan and Mud Lake Priority Zones

Figure 1 Location Map



Legend

- Dams
- Major Highways**
- Interstate
- State Highway
- U.S. Highways
- County Roads
- 24K County Boundaries
- Civil Towns**
- Civil Town
- 100K Open Water
- 100K Rivers and Streams
- Cities and Villages**
- Village
- City

Scale: 1:170,996



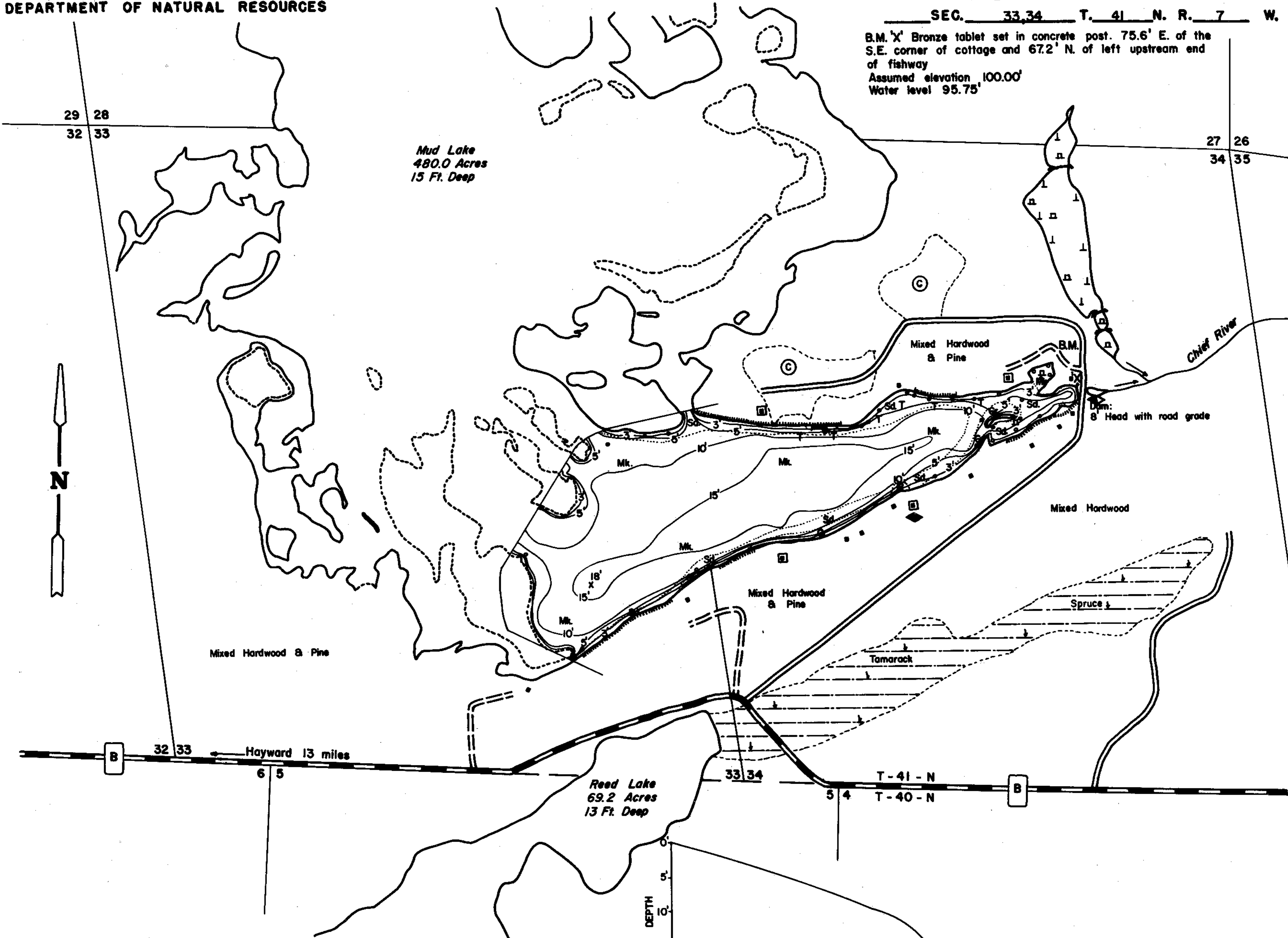
This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

FIGURE 1

LAKE SURVEY MAP

GALLAHAN LAKE SAWYER COUNTY
SEC. 33, 34 T. 41 N. R. 7 W.

B.M. 'X' Bronze tablet set in concrete post. 75.6' E. of the S.E. corner of cottage and 67.2' N. of left upstream end of fishway
Assumed elevation 100.00'
Water level 95.75'



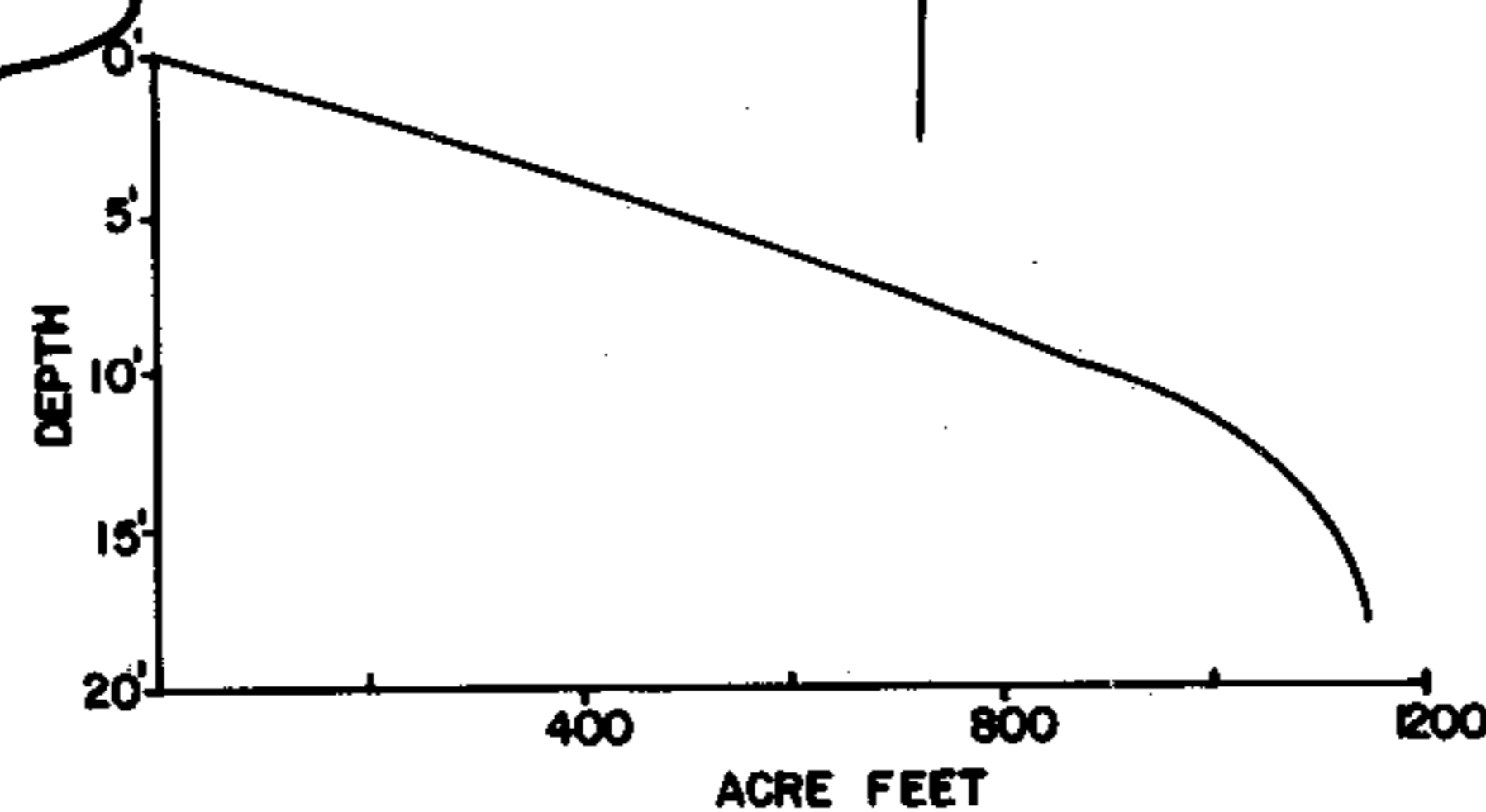
EQUIPMENT RECORDING SONAR MAPPED JUNE 1968

TOPOGRAPHIC SYMBOLS

- (B) Brush
- (PW) Partially wooded
- (W) Wooded
- (C) Cleared
- (P) Pastured
- (A) Agricultural
- B.M. Bench Mark
- Dwelling
- Resort
- Camp
- ||||| Steep slope
- ~ Indefinite shoreline
- Marsh
- Spring
- Intermittent stream
- Permanent inlet
- Permanent outlet
- Dam
- D.N.R. State owned land

LAKE BOTTOM SYMBOLS

- P. Peat
- Mk. Muck
- C. Clay
- M. Marl
- Sd. Sand
- St. Silt
- Gr. Gravel
- R. Rubble
- Bc. Bedrock
- B Boulders
- Stumps & Snags
- Rock danger to navigation
- T Submergent vegetation
- Emergent vegetation
- Floating vegetation
- Brush shelters



Access Access with Parking Boat Livery

Drawn by: C. Holt
Field work by: C. Busch, E. Johnson

SPECIES OF FISH

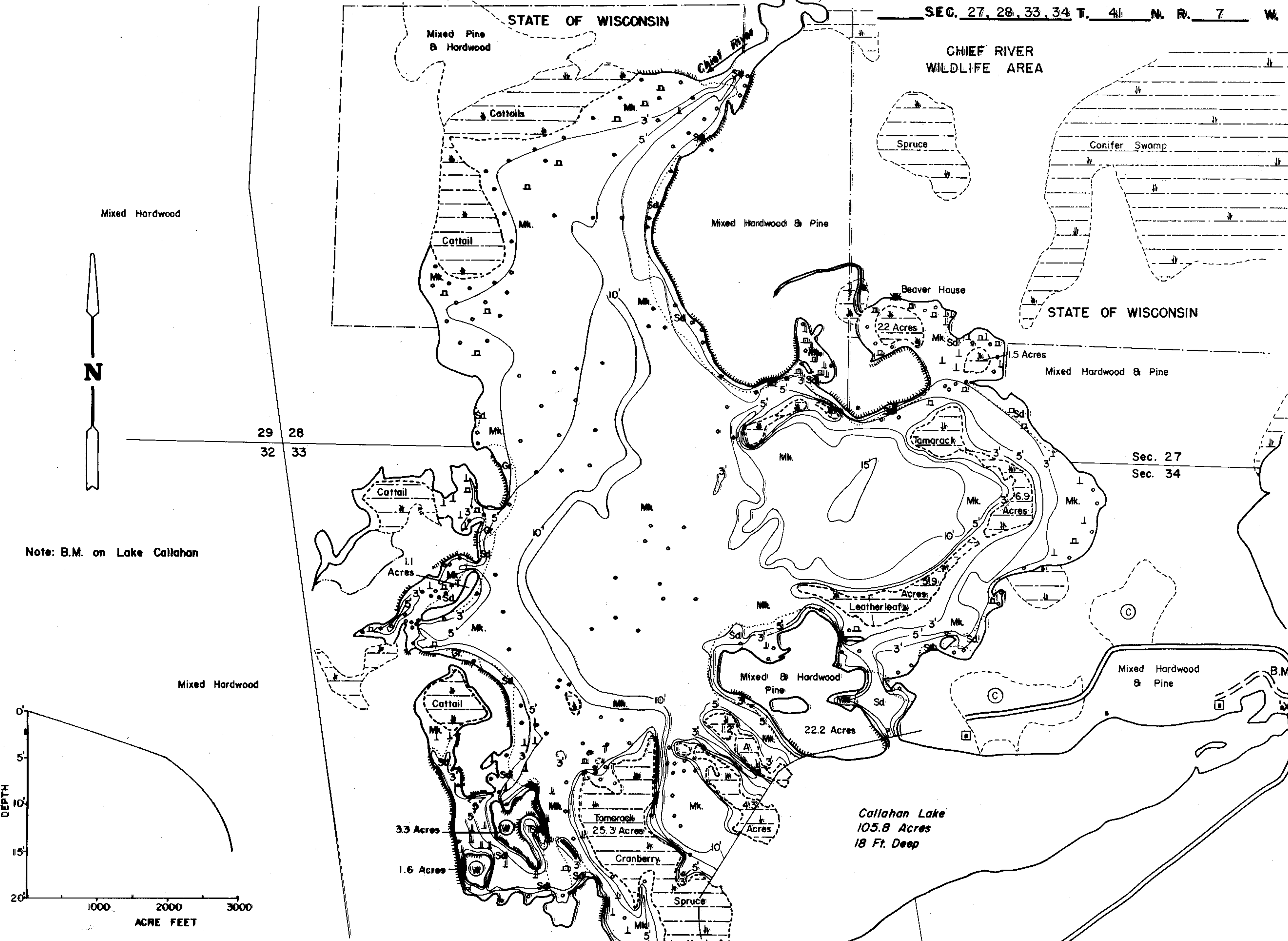
	Abundant	Common	Present
Muskie	X		
N. Pike			
Walleye		X	
L.M. Bass	X		
S.M. Bass			
Pinfish	X		
Trot			

WATER AREA 105.8 ACRES
UNDER 3 FT. 14 %
OVER 20 FT. 0 %
MAX. DEPTH 18 FEET.
TOTAL ALK. 45 P.P.M.
VOLUME 1143.1 ACRE FT.
SHORELINE 2.0 MILES
SHORELINE 2.1 MILES WITH IS.

Source: Wisconsin Department of Natural Resources 608-266-2621
Callahan Lake – Sawyer County, Wisconsin DNR Lake Map
Date – Jun 1968 - Historical Lake Map - Not for Navigation
A Public Document - Please Identify the Source when using it.

LAKE SURVEY MAP

MUD LAKE SAWYER COUNTY
SEC. 27, 28, 33, 34 T. 41 N. R. 7 W.



Note: B.M. on Lake Callahan

EQUIPMENT RECORDING SONAR MAPPED

JUNE 1968
MONTH YEAR

- TOPOGRAPHIC SYMBOLS**
- (B) Brush
 - (PW) Partly wooded
 - (W) Wooded
 - (C) Cleared
 - (P) Pastured
 - (A) Agricultural
 - B.M. Bench Mark
 - (D) Dwelling
 - (R) Resort
 - (C) Camp

- LAKE BOTTOM SYMBOLS**
- P. Peat
 - Mk. Muck
 - C. Clay
 - M. Marl
 - Sd. Sand
 - Ss. Silt
 - Gr. Gravel
 - R. Rubble
 - Bc. Bedrock

- B Boulders
- Stumps & Snags
- Rock danger to navigation
- T Submergent vegetation
- Emergent vegetation
- Floating vegetation
- Brush shelters



Access Access with Parking Boat Livery

Drawn by: C. Holt
Field work by: C. Bunch, E. Johnson

SPECIES OF FISH	Abundant		Present
	X		
Muskie	X		
N. Pike	X		
Walleye		X	
L. M. Bass	X		
S. M. Bass	X		
Panfish	X		
Trout			

WATER AREA 480.0 ACRES
 UNDER 3 FT. 24.1 %
 OVER 20 FT. 0 %
 MAX. DEPTH 15 FEET.
 TOTAL ALK. 45 P.P.M.
 VOLUME 2805.8 ACRE FT.
 SHORELINE 7.6 MILES
 SHORELINE 14.9 MILES WITH IS.

Source: Wisconsin Department of Natural Resources 608-266-2621
Mud Lake – Sawyer County, Wisconsin DNR Lake Map
Date – Jun 1968 - Historical Lake Map - Not for Navigation
A Public Document - Please Identify the Source when using it.

EWM Density and Treated Areas Callahan

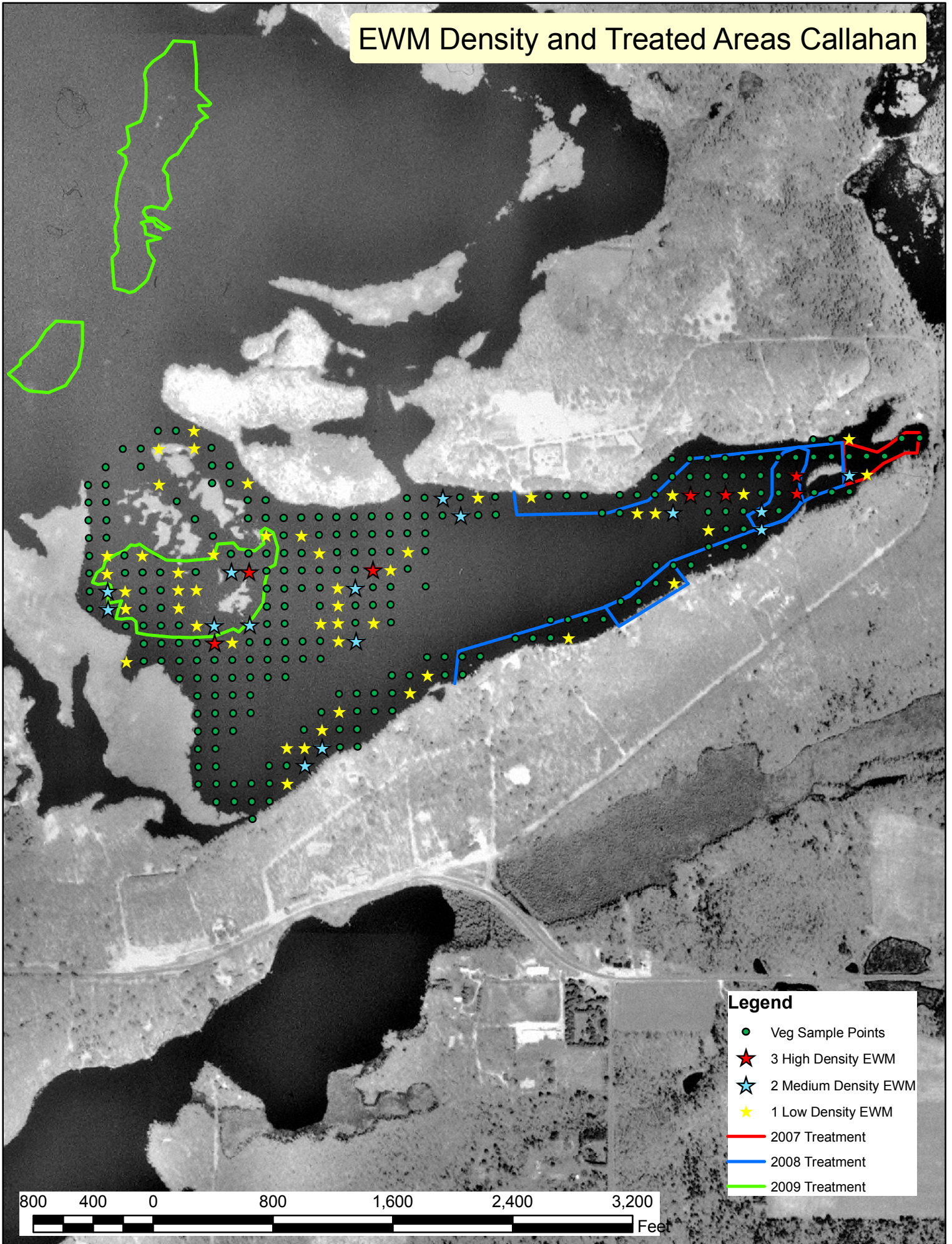
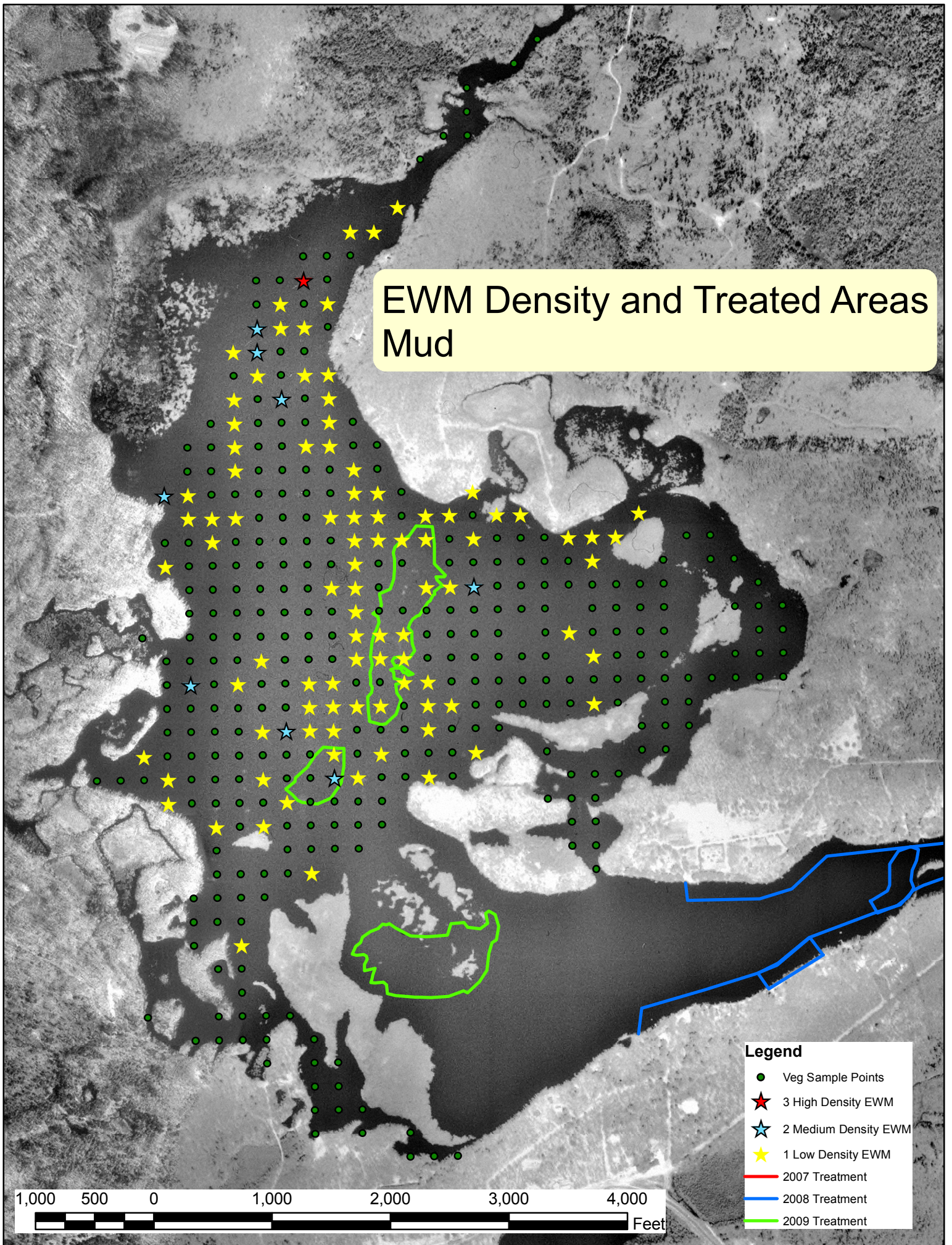


FIGURE 4



EWM Density and Treated Areas
Mud

- Legend**
- Veg Sample Points
 - ★ 3 High Density EWM
 - ★ 2 Medium Density EWM
 - ★ 1 Low Density EWM
 - 2007 Treatment
 - 2008 Treatment
 - 2009 Treatment

1,000 500 0 1,000 2,000 3,000 4,000 Feet

FIGURE 5

EWM and Native Vegetation - Callahan

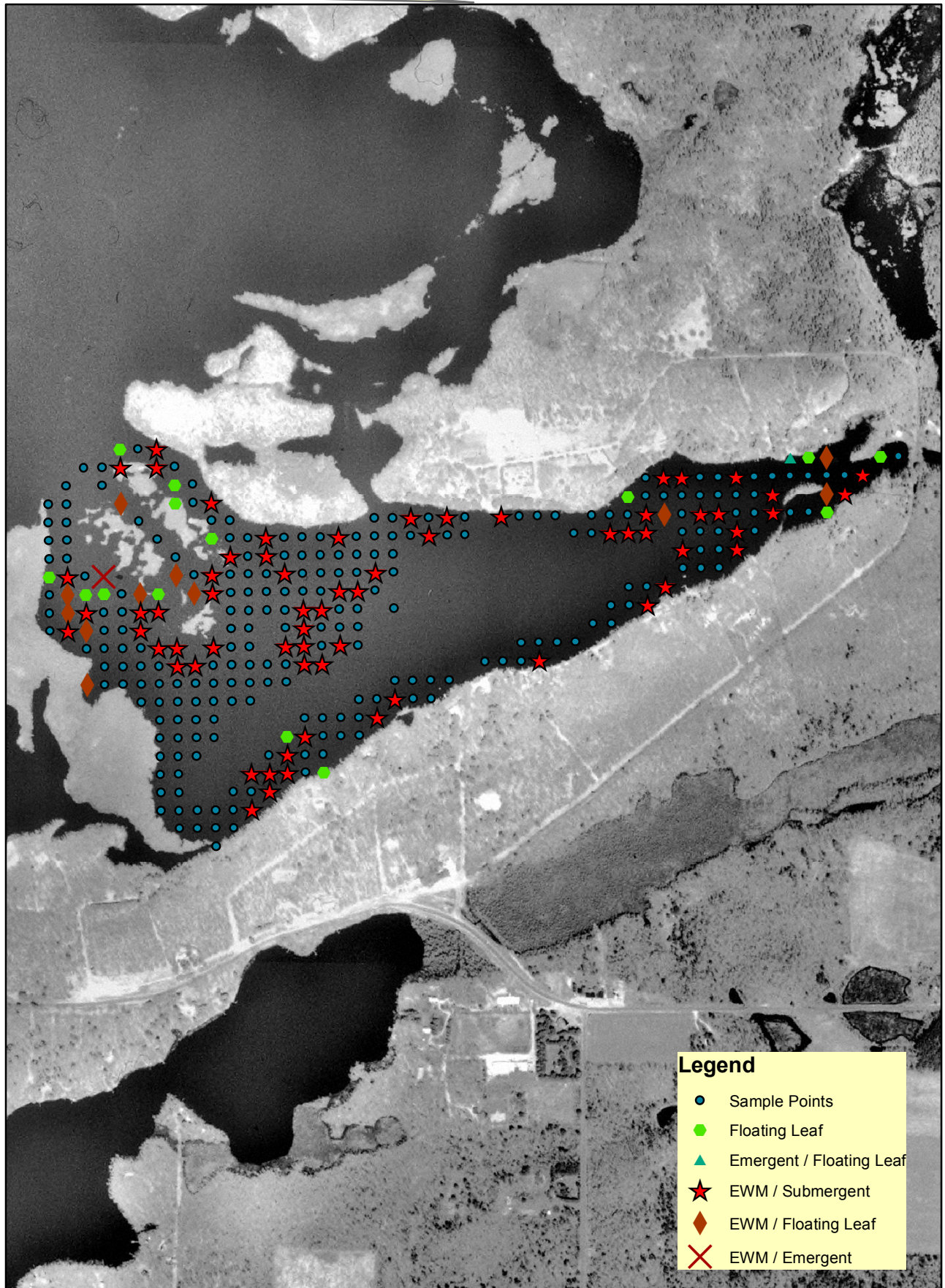


FIGURE 6