TALL PINES CONSERVANCY

SOIL HEALTH STEWARDS

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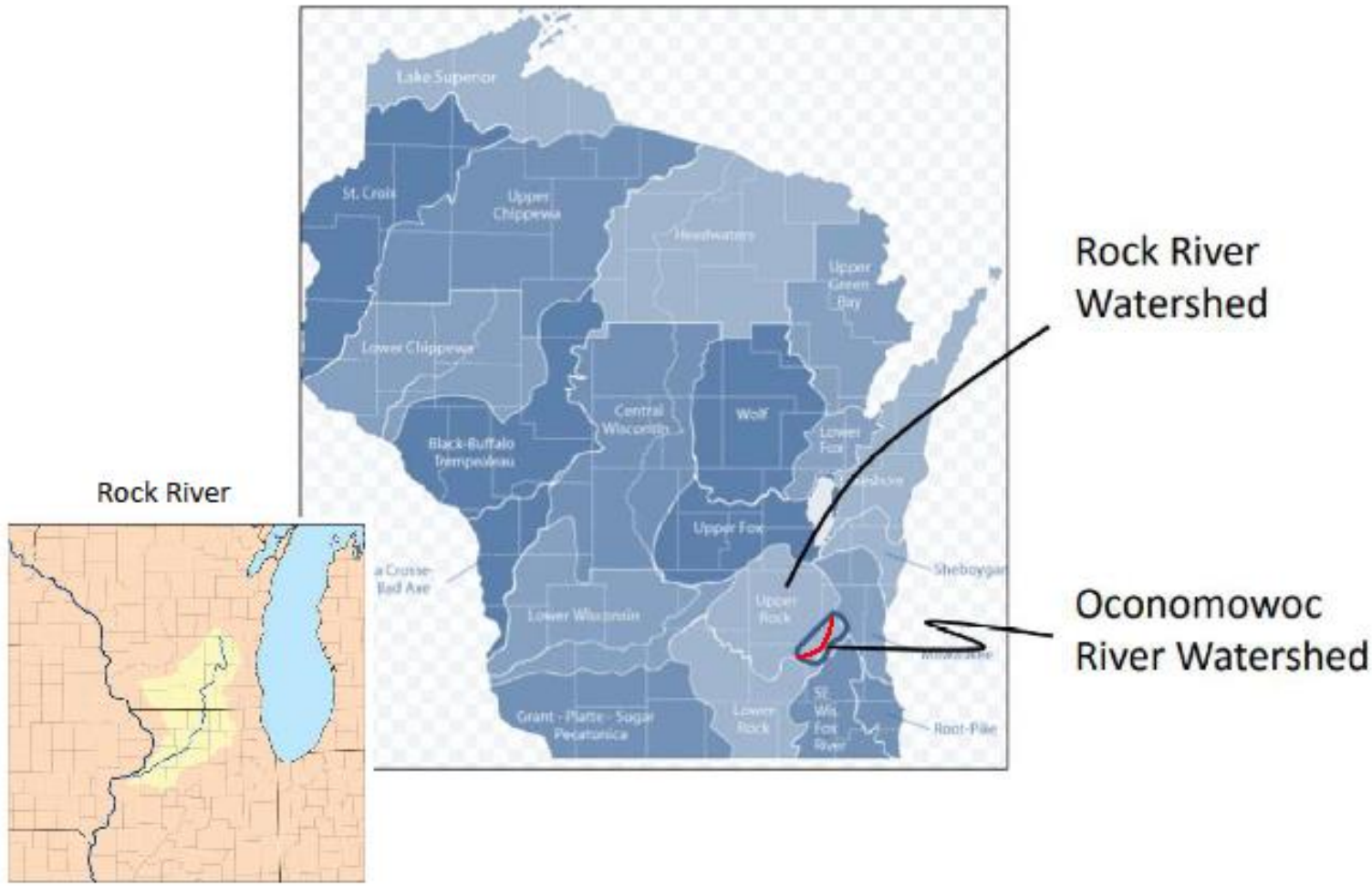
Land Protection Manager

Nashotah, Wisconsin

EXPANDING AND UNTETHERING SOIL HEALTH PROGRAMMING

THROUGH WATERSHED PARTNERSHIPS

FARMERS FOR LAKE COUNTRY


Rock River
Lake Superior
St. Croix
Upper Chippewa
Headwaters
Upper Green Bay
Lower Chippewa
Central Wisconsin
Wolf
Black-Buffalo Trempealeau
Lower Fox
Upper Fox
Sheboygan
Upper Rock
Lower Wisconsin
Grant - Platte - Sugar Pecatonica
Lower Rock
Root-Pike
Rock River Watershed
Oconomowoc River Watershed

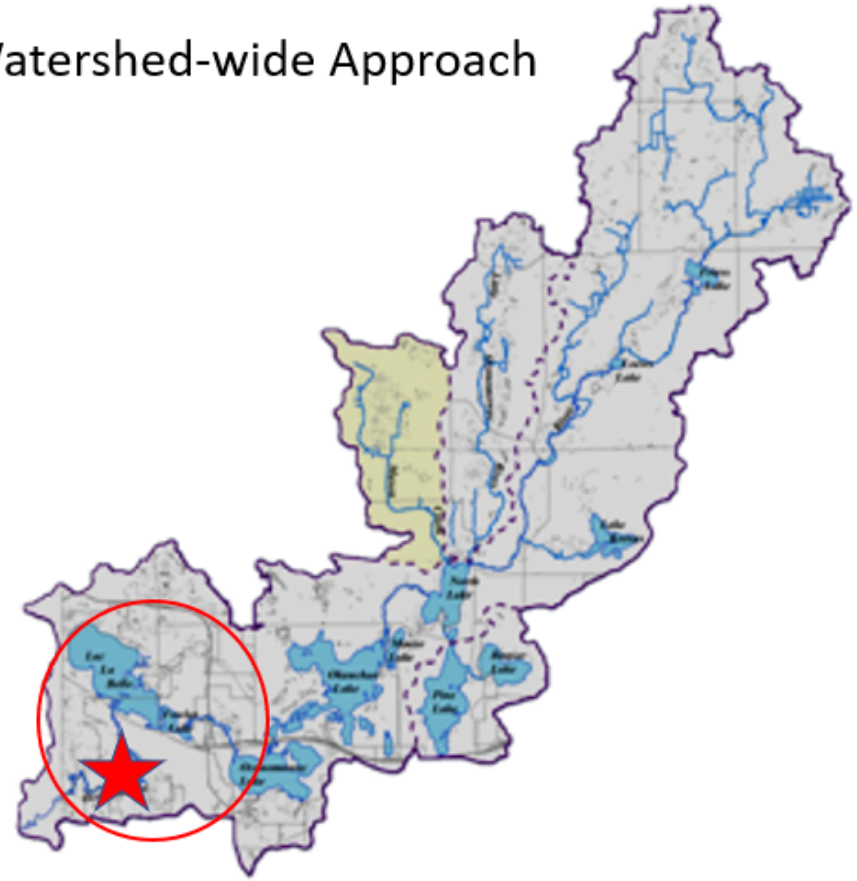
2013 – 2014, Evaluation of Options

Stats:

49 Miles in length
17 Lakes (10 impoundments)
83,000 acres
3,000 animal units

46% Agriculture
19% Wetland
14% Forest
11% Urban, suburban
10% Water or open land

Watershed-wide Approach



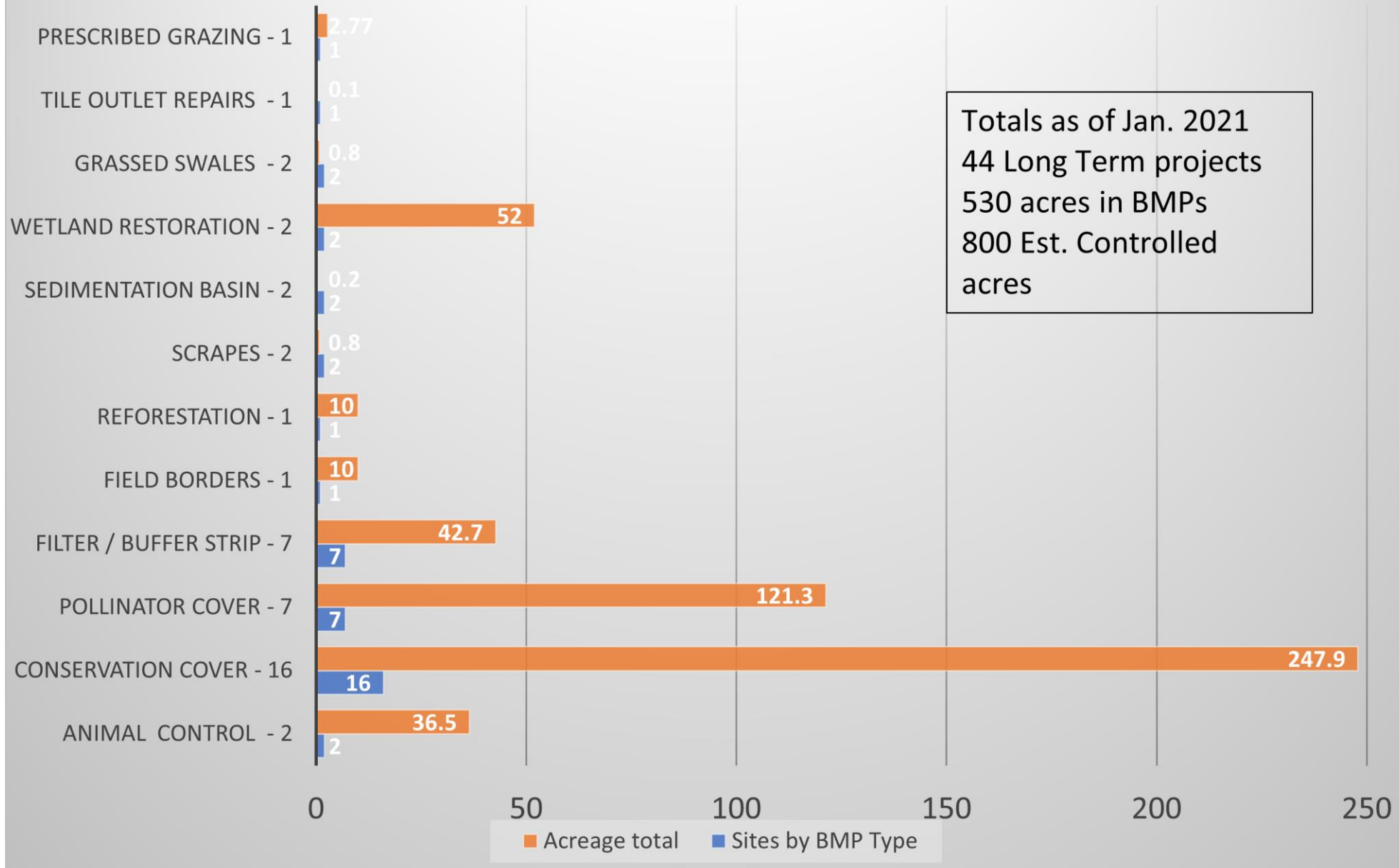
Estimated Phosphorous Load:

- 70% of total loading is non-point source
- 30% of total loading is point source

Proposed Annual Reduction Targets (each 5 yr permit term):

	Permit Term 1	Permit Term 2	Permit Term 3	**Total**
WWTF Effluent Reductions	2,504			2,504
CSA Management Measures	2,175	1,071		3,246
Lake Improvements	200	600	200	1,000
Streambank Stabilization	200	600	200	1,000
City of Oconomowoc MS4		500	1,500	2,000
Total	5,079	2,771	1,900	9,750

Long Term Projects
By BMP Type, Acreage, and Sites



Totals as of Jan. 2021
44 Long Term projects
530 acres in BMPs
800 Est. Controlled acres

Estimated lbs of P Reduction Annually, as of end of 2020

Long Term Projects:	530 acres
Seasonal Cover:	2000 acres
Total:	2530 acres

P Reduction:	x 1 lb P per acre/year
	2530 lbs of P controlled

→ At 500 lbs of algae per lb of P, that's 1,265,000 lbs of algae!

EXPANDING AND UNTETHERING SOIL HEALTH PROGRAMMING

THROUGH FEE SIMPLE OWNERSHIP

Tall Pines Conservancy
Saving Land For Tomorrow
One Acre At A Time

Harvest View Farms, Inc

Waukesha County Land Conservancy

American Farmland Trust

Savanna Institute

Waukesha County
Leading The Way

RAVENSHOLME ON THE RIVER

- Approx. 280 acres
- Fee Simple Owned Property (Donated)
- 170 acres Prime or Important Agricultural Soils
- 110 acres riparian, wetland, hardwood forest
- Project Plan:
  - Develop 280-acre regenerative farm and Agroforestry demonstration site.
  - Metrics of Success include:
    - **Soil Health Improvements** and enhanced **Farm Economic Viability**