



Bone Lake Subwatershed Assessment Implementation

Project Sponsor: Comfort Lake—Forest Lake Watershed District (CLFLWD)

Targeted Waters: Moody Lake & Bone Lake

Financial:

Clean Water Fund Grant	\$144,000
CLFLWD Grant Match	\$36,000
Total Project Budget	\$180,000

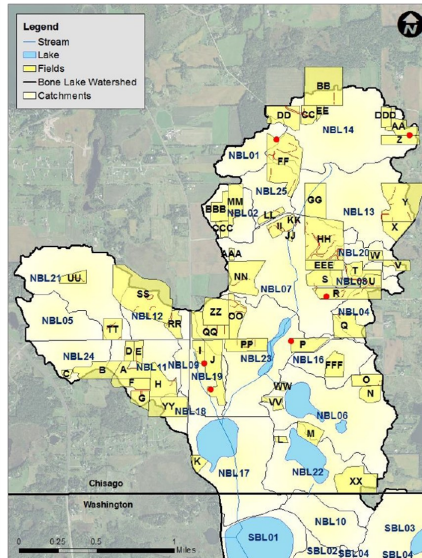
Project Timeline: April 2019-December 2021

Contact:

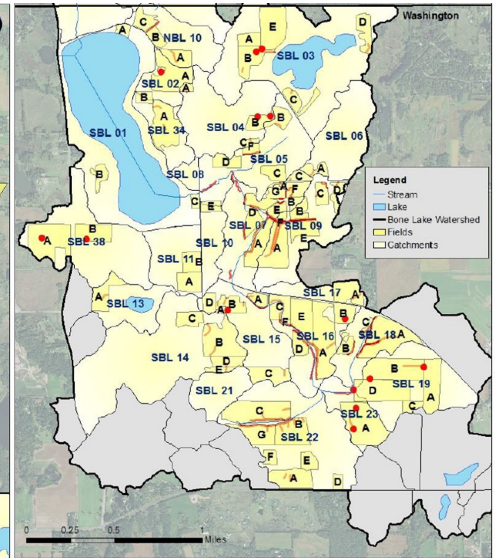
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Project Description: The 2017 Bone Lake Subwatershed Assessment (SWA) and subsequent SWA Prioritization Study identified and ranked several best management practices (BMPs) in the Bone Lake and Moody Lake subwatersheds. This project will implement 10 of the BMPs identified as having the lowest cost-benefit ratio as it relates to phosphorus reduction to Moody and Bone Lakes.

Project Location: This project consists of several practices across the Bone Lake and Moody Lake subwatersheds in northern Washington County and southern Chisago County, MN.



Moody Lake subwatershed



Bone Lake subwatershed

Project Outcomes: These BMPs are estimated to reduce watershed phosphorus loads to Bone Lake by 90 lb/yr and to Moody Lake by 24 lb/yr, and reduce watershed sediment loads to Bone Lake by 8.2 tons/yr and to Moody Lake by 4.9 tons/yr.