

Project Description - The Pennsylvania Lake Management Society (PALMS) set out to administer a mini grant program for Lake Best Management Practices (BMPs). In addition, PALMS had a second component of this project for outreach and education.

Project Timeframe – December 07, 2017 through December 31, 2020

Project Goals - PALMS was able to award a total of \$79,042.23 to five different mini grant Lake BMP projects. Two of the projects Kyle Lake (\$18,426.30) and Chapman Lake (\$20,340.93) focused on shoreline stabilization. The other three, Harvey's Lake (\$20,400.00), Pine Run Reservoir (\$5,000) and Lake Alden (\$14,875.00) were for treatment of aquatic invasive plants.

Pictures –



Project Results - Two of the mini grant projects provided shoreline stabilization, restoration, and upslope stormwater improvements. This included; 505 feet of shoreline stabilization with saw tooth deflectors and 383 linear feet of trees shrubs and grasses for a riparian buffer. These practices will provide reduction in upslope runoff and erosion, nutrient reduction, and protect against wave action erosion of the shoreline. The other three mini grant projects included: treatment for infestations of aquatic invasive vegetation at Harvey's lake for the control of Hydrilla; treatment, prevention, and education for Hydrilla at Lake Alden; and a rapid response treatment for a newly discovered infestation of European water chestnut on Pine Run Reservoir. PALMS Conferences in 2019 and 2020 saw a total of 220 attendees.

Project Costs - \$103,068 Growing Greener plus an additional \$147,848 in match funds.

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