

**Project Description** - The Hideout is a large residential community with numerous lakes located in Wayne County, Pennsylvania. The Hideout and Princeton Hydro have conducted extensive work on documenting and reducing nutrient loading in the Hideout, thereby improving not only the lakes on the Hideout property but also the downstream Lake Wallenpaupack. As part of this improvement, the Hideout designed, permitted, and installed a nutrient separating baffle box (NSBB) upgradient of Roamingwood Lake to trap phosphorus and sediment from stormwater sources thereby leading to reductions in the causal factors related to harmful algal blooms (HABs). The Lake Wallenpaupack Watershed Management District served as the grant sponsor for this project and provided administration and management services.

**Project Timeframe** – December 07, 2017 through December 31, 2021

**Project Goals** - The project was designed to reduce total phosphorous and total suspended solids entering Roamingwood Lake

**Pictures** –



**Project Results** -The contributing watershed to the NSBB is 22.9 acres with an estimated reduction of 11.4 lbs/yr of total phosphorus and 16,145 lbs/yr of total sediment. One pound of phosphorus has the potential to create up to 1,100 lbs of wet algae biomass.

**Project Costs** - \$123,910 Growing Greener plus an additional \$29,960 in match funds.

**Partners** - Lake Wallenpaupack Watershed Management District, The Hideout POA, Inc., Princeton Hydro, LLC

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