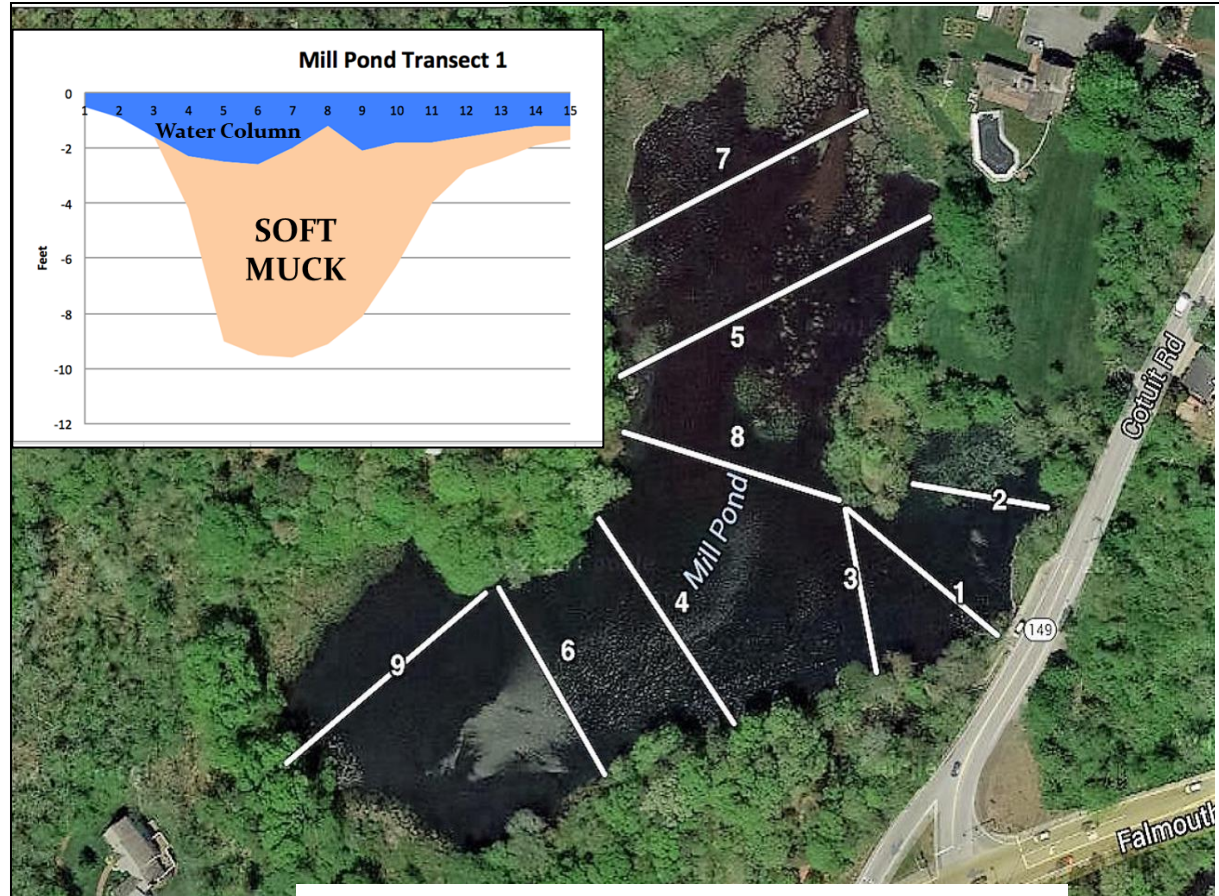




Mill Pond  
Barnstable - Marstons Mills

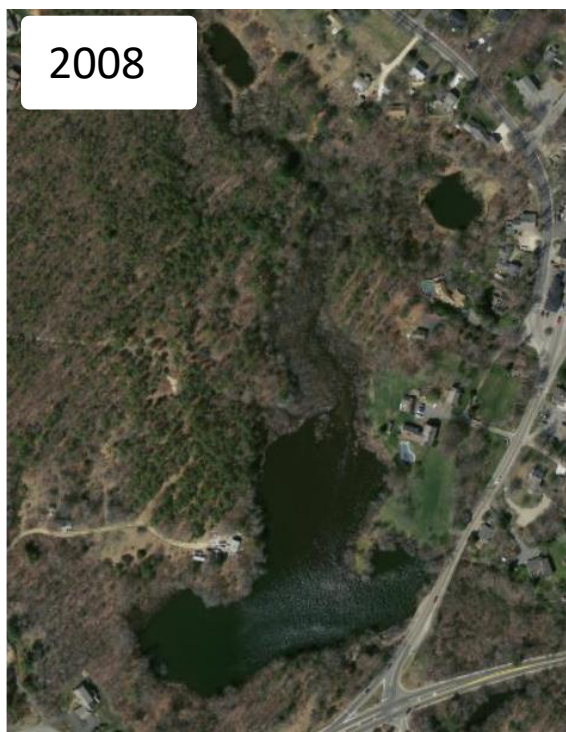
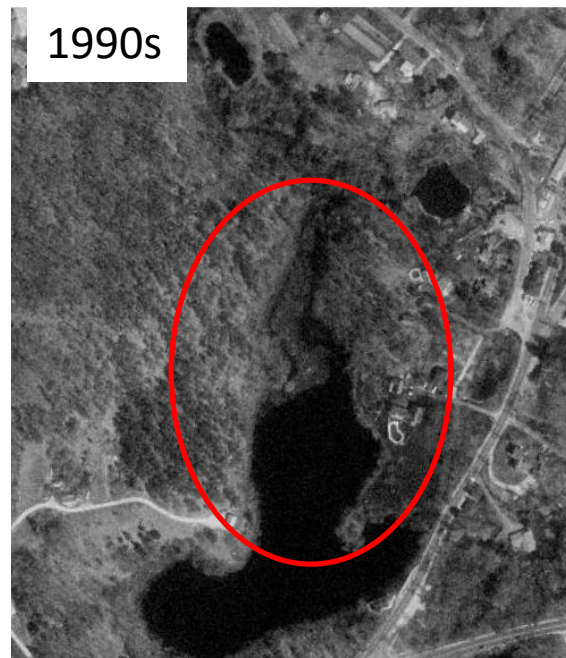
# How much is 300 years of muck?

Mill Pond contains **approximately 50,000 cubic yards** of sediments.



Source: Harvard University Graduate Project 2015



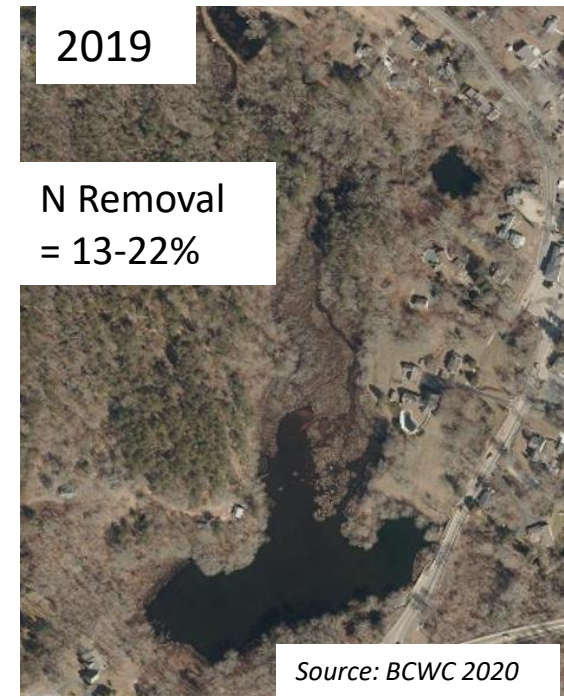
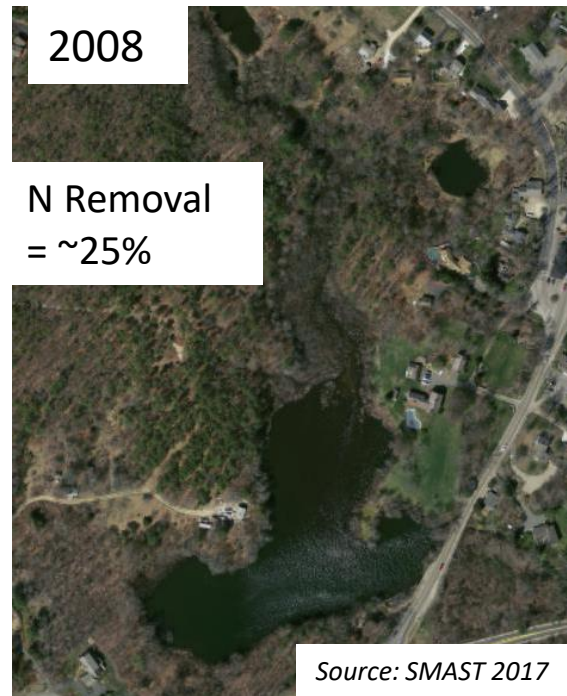
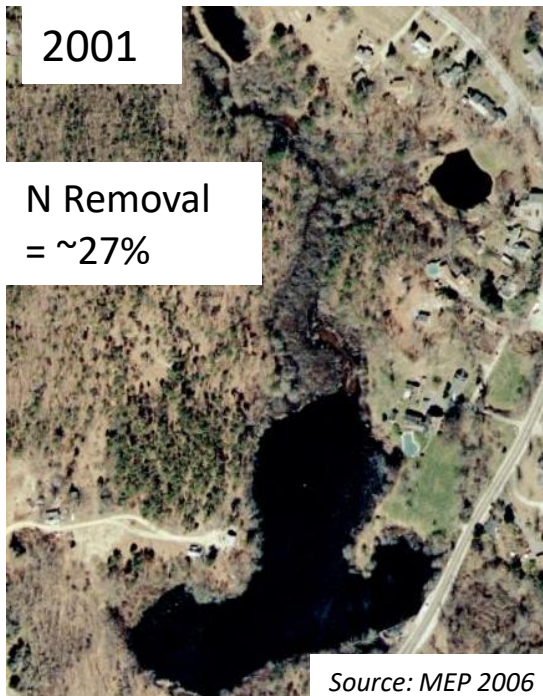




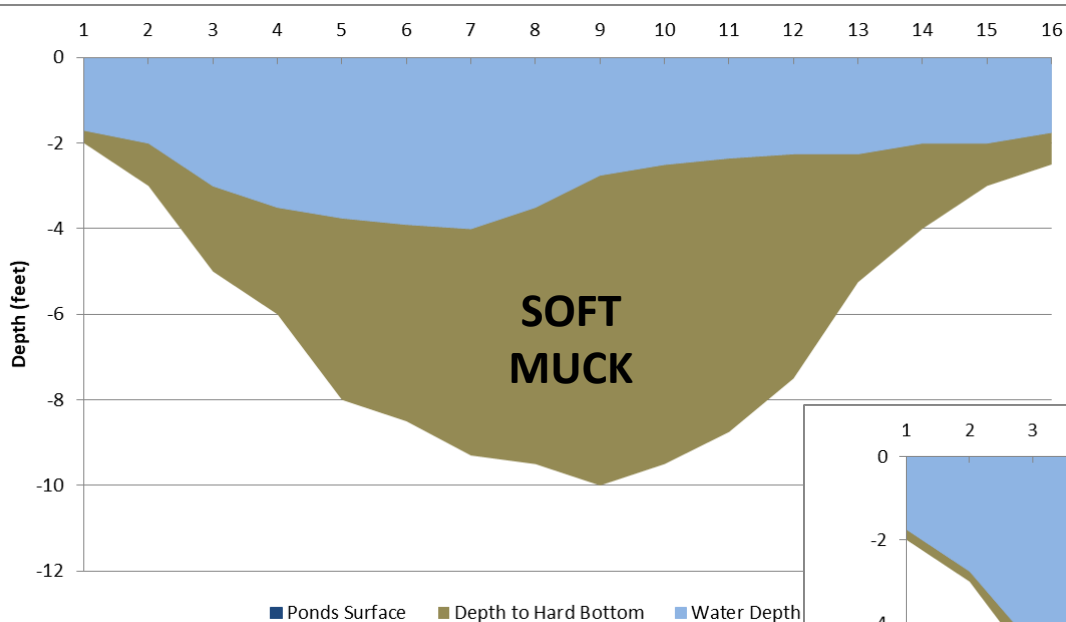
# Nitrogen Removal in Mill Pond

Sediment accumulation prior to 2001 reduced the nitrogen attenuation of Mill Pond to ~27%.

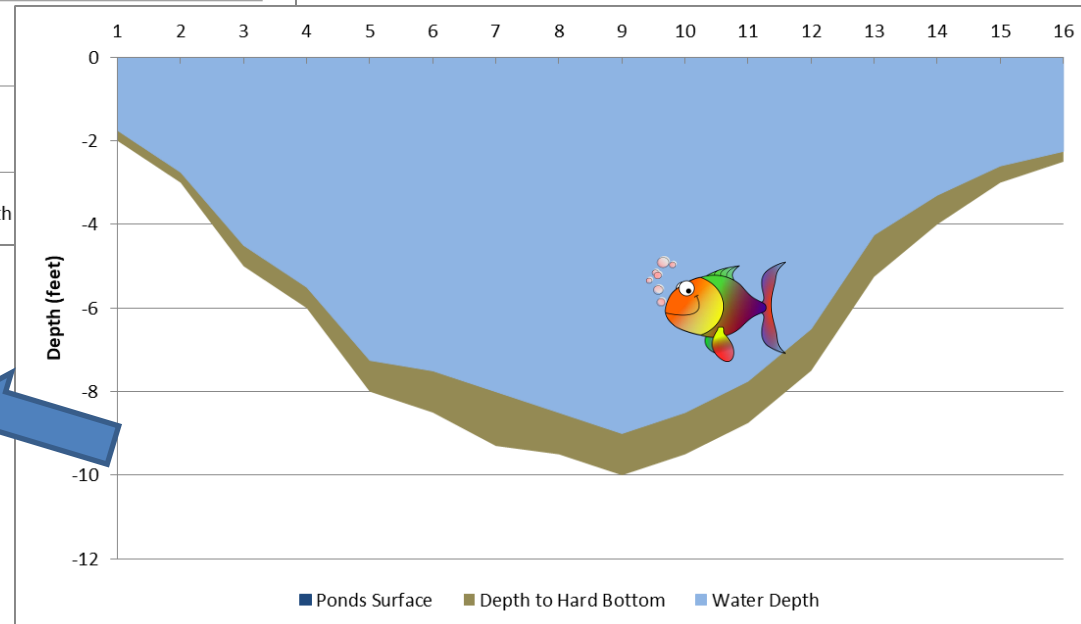
From 2002 to 2019, there has been a measured decrease in the removal of nitrogen as water passes through Mill Pond.



# Benefits of Restoration Project



1. Remove 300 years of accumulated sediments from Mill Pond and associated nitrogen source



2. Retain water 2 to 4 times longer than its existing condition, promoting additional nitrogen removal

