



Contact: Paul Dominick

To: Lake Pro Inc.

Project: Meadow Lake
Sample(s): Canal, West, and East
Received: 08/04/2023
Analyzed: 08/04/2023—08/11/2023

Sediment Analysis

Sample analyzed by Test America, Chicago

Analyte	Canal	West	East
Total Solids (%)	20	13	16
Total Volatile Solids (%)	13	16	13

Summary:

- The Canal, West, and East muck samples all contained high levels of organic compounds (total volatile solids). These organic compounds can be decomposed through biological means to decrease muck depth and to prevent the release of inorganic nitrogen and phosphorus into the water column.

Recommendation(s):

- The Meadow Lake sediments contain high levels of organics and it would be possible to decrease muck depth in all samples through applications of MuckBiotics.