

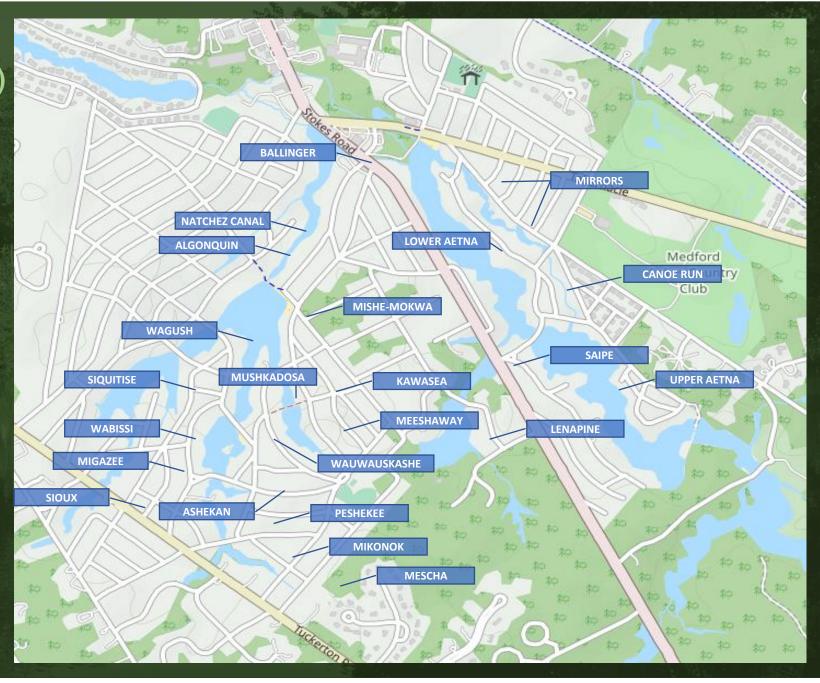
# Our Lakes 21 Lakes (in five chains) Headwaters:

Upper Aetna Algonquin Meeshaway Mescha Sioux 2 Canals

Natchez Wagush Levee 2 Lagoons

> Ballinger Siquitise 1 Run

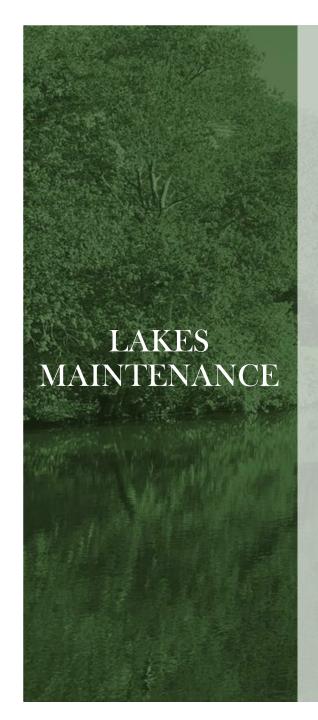
**Canoe Run** 



# Primary Issues & Maintenance

Lake Water Volumes and Water Levels
Weed Growth
Water Quality
Lake Cleaning
Aquatic Life
Compliance Programs
(NJDEP and pinelands)





# "Lakes Maintenance"

- Subject to Annual Budgeting Process
- Budgets are under authority of VP Property
- Four Specific Line Items
  - ➤ Geese Control (\$3,000)
  - ► Lakebed/Cove Cleaning (\$50,000)
  - ➤ Water Quality Testing (\$6,000)
  - ➤ Weed Treatments (\$17,500)
- Shared Cost of Lake and Cove Cleaning between Colony and Lakefront Owners – 50/50 shared raking cost subject to \$750 limit for lakefront owner per Colony By-Laws



### 2023 "Lakes Maintenance" ACTIVITY

- Full Lake Cleaning of Sioux Lake (150 cu yds)
- Cove Cleaning of western end of Mikonok Lake (50 cu yds)
- Federal Fish & Wildlife Geese Control Contract
- Bi-Weekly Weed Treatment Contract
- Weekly Summer Season Water Testing
- Geese Barriers at 3 Beach



Meeshaway Lake before manual cleaning



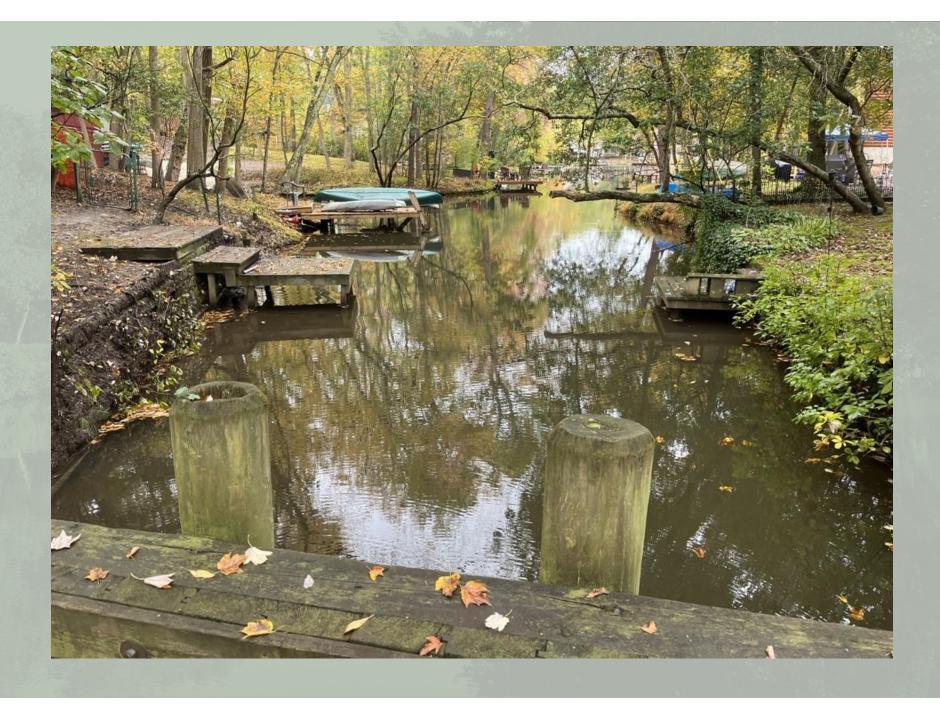


Meeshaway Lake in process of manual cleaning



### LAKES MAINTENANCE

Meeshaway Lake after completion of manual cleaning (October 2023)









Sample size – Manual sediment removal in one day



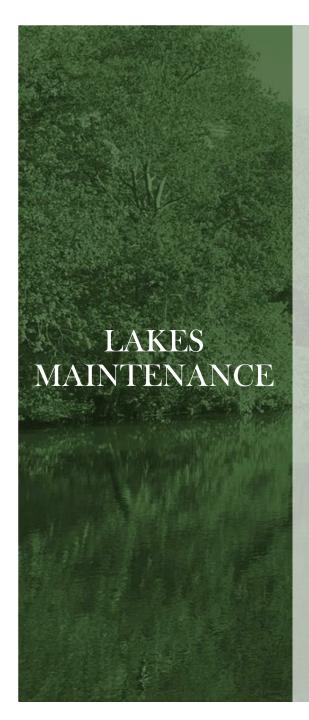
Sample Size – Hydro-Rake sediment removal in one day





### 2024 Planned "Lakes Maintenance" Activity

- Relocate and spread sediment removed from
  - Sioux, Mikonok, and Meeshaway Lakes.
- Weed Treatment (already met with AquaClear to go over process and schedule).
- Geese Control (executed contract with Fish & Wildlife).
- Renovate Beach Two Rain Garden.
- Establish new rain gardens to replace road run-off drains.



# 2024 Planned "Lakes Maintenance" Lake Cleaning

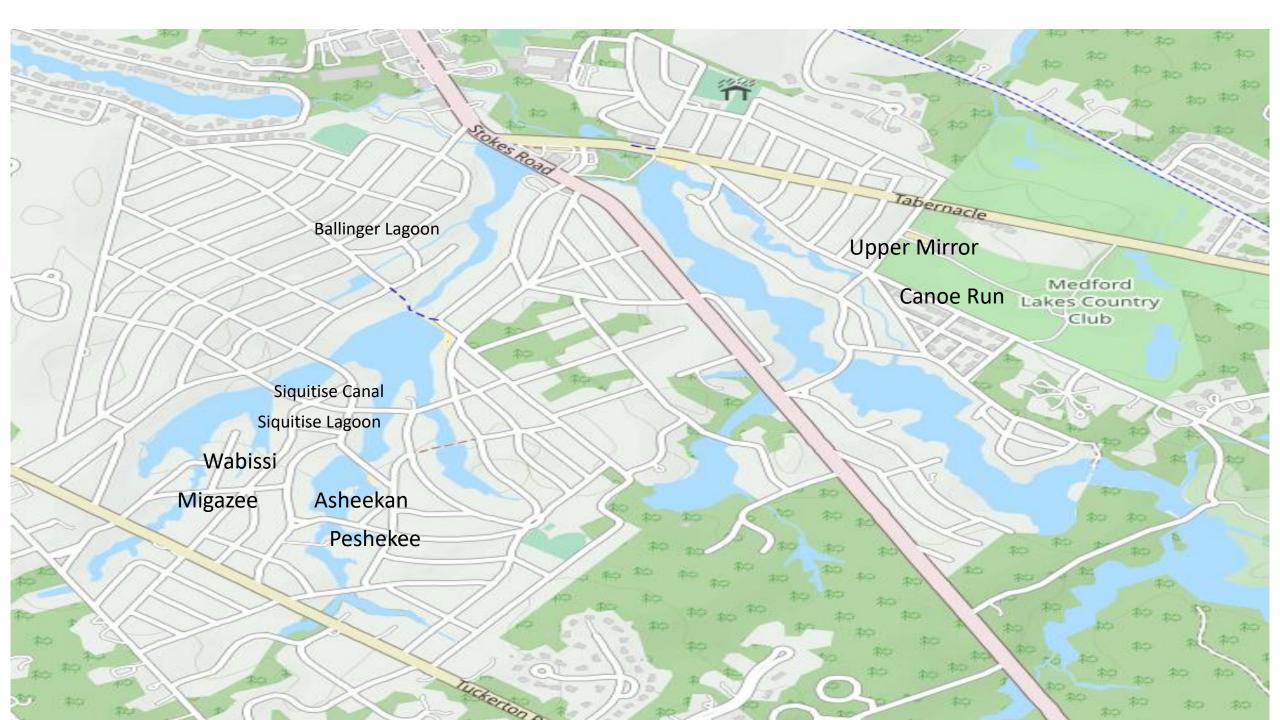
A. Lakebed Cleaning \* (50/50 cost split with lakefront owners, not to exceed \$750 per owner)

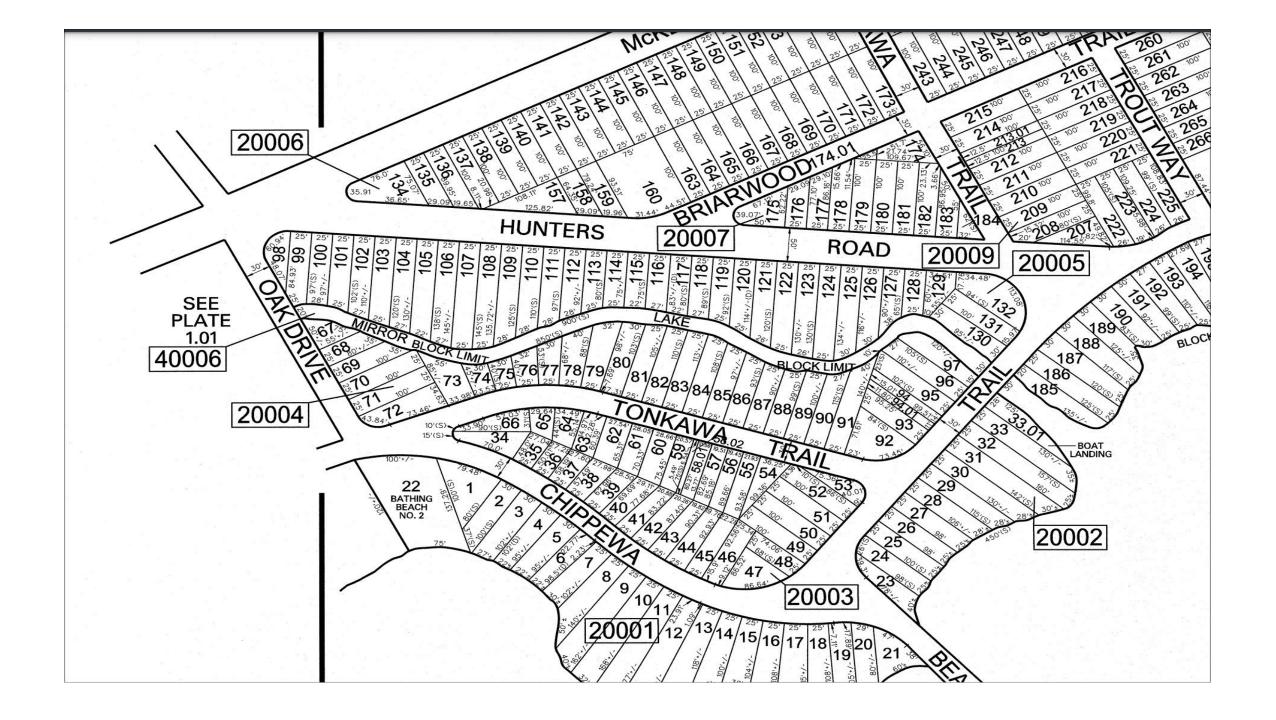
- 1. Migazee Lake (hydro-rake)
- 2. Wabissi Lake (hydro-rake)
- 3. Peshekee Lake (hydro-rake)
- 4. Asheekan Lake (hydro-rake)
- 5. Upper Mirror Lake (hydro-rake)
- 6. Canoe Run (manual)

**B.** Cove Bed Cleaning \* (Possible Assessments)

- 1. Siquitise Lagoon
- 2. Siquitise Cove along Kihade Trail
- 3. Ballinger Lagoon
- 4. Lower & Middle Mirror

C. Beach and Area Cleaning (manual)





### 2024 ISSUES AND WHAT CAN BE DONE ABOUT THEM

#### STOP USING FERTILIZER ON YOUR LAWN

Organic Fertilizer Corn Gluten

#### **REDUCE LAWN AREAS**

Build any gardens, Zen Gardens Enlarge boundary areas with shrubs, ferns, etc.

#### **KEEP RAINWATER RUN-OFF IN OR ON PERVIOUS SURFACES**

**Build a Rain Garden** 

**Rain Barrels** 

**Stop Paving Driveways**