



Grand Lake Improvement District

AIS Update

Starry Stonewort Report

- Blue Water Science Activities
 - Conducted 2 Whole Lake SSW Survey's
 - July 22 & October 10
 - No SSW found outside of the Access Area
 - Conducted 5 hand pulls
 - June 24 = 6 Pounds
 - July 22 = 40.62 Pounds
 - August 5 = 1.26 Pounds
 - August 29 = DNR Rake Sample = 0 Pounds
 - September 28 = 0.09 Pounds
 - October 10 = 0.004 Pounds
 - Total SSW pulled 2022 = 48 Pounds

Environmental Sentry

I-LID Data 2022

Videos Captures = 8167

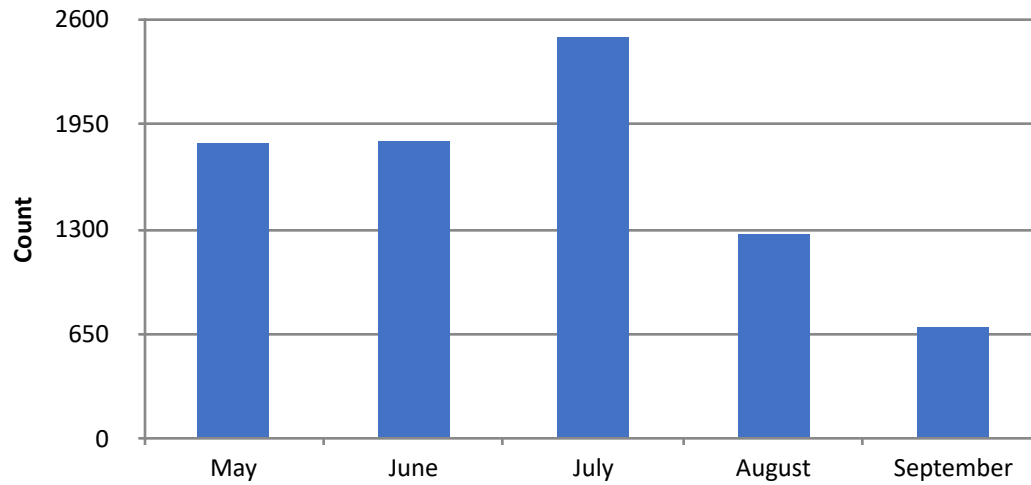
Videos Reviewed = 2908

Launches Counted = 429

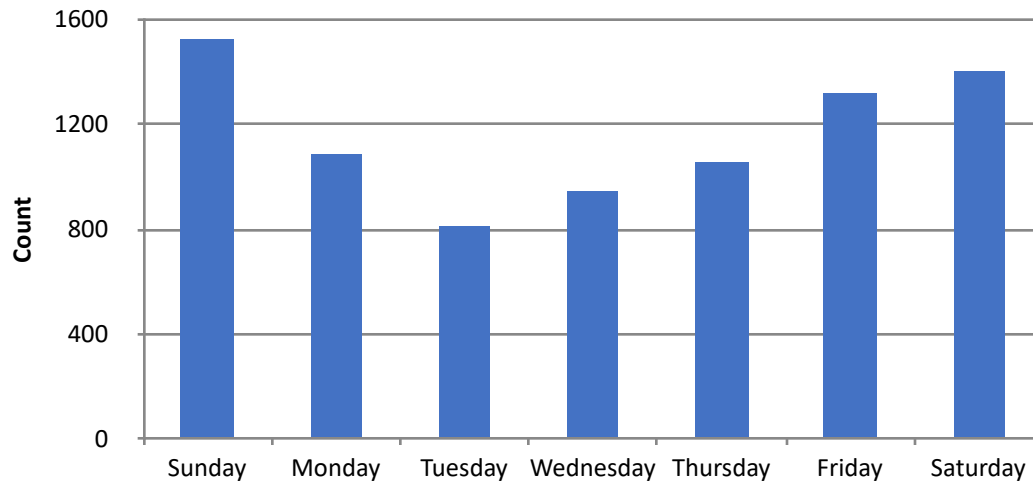
Estimated Launch % = 15

Estimated Launches = 1225

2022 Grand Lake Launch Activity



2022 Grand Lake Launch Activity



2023 Programs

- Continuation of the following programs
 - Starry Stonewort – Blue Water Science Program
 - I-LID Educational Audio and Video Program
 - Chemical Treatment for Curly Leaf
 - Watercraft Inspection 4 days per week
- New for 2023
 - Installation of the new Watercraft Clean Station

2023 Project Costs

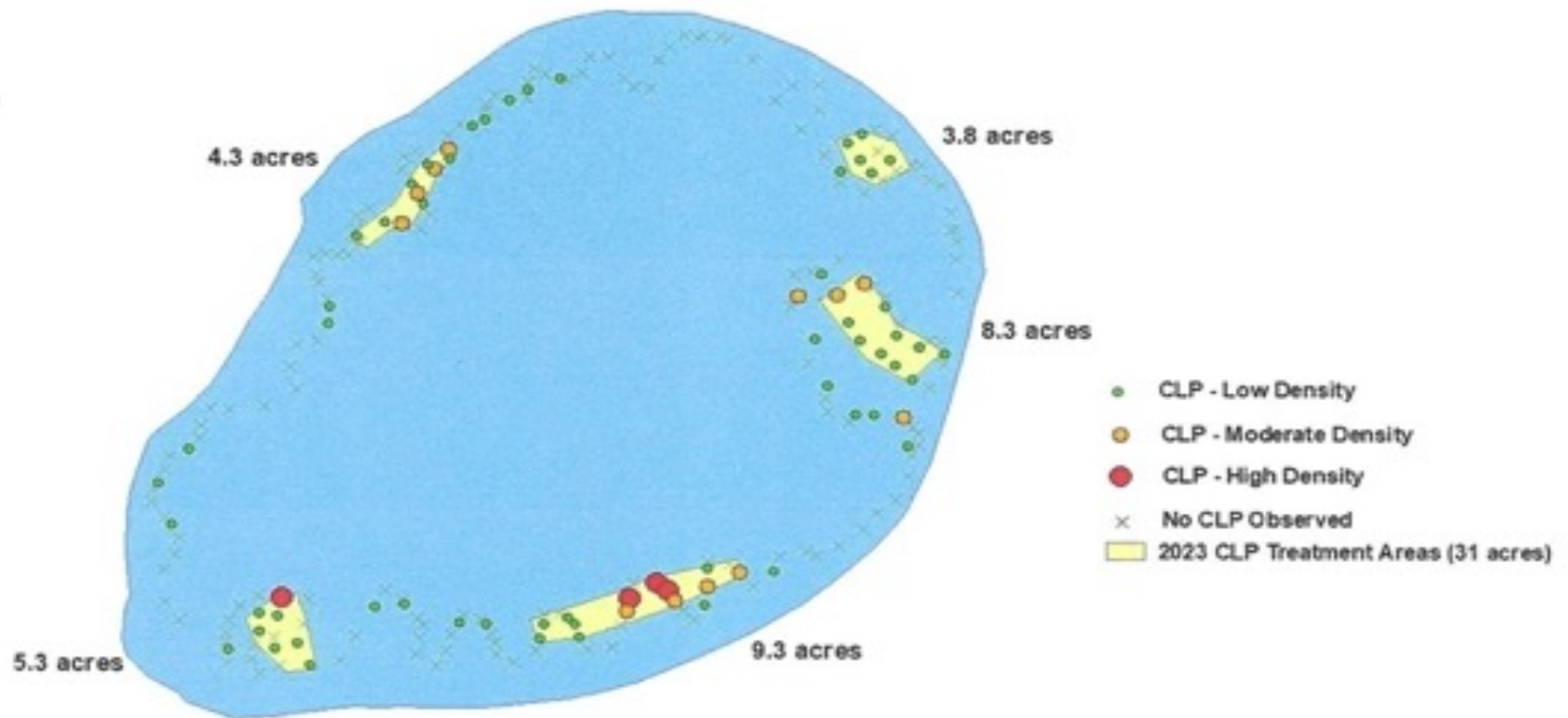
- Blue Water Science SSW
 - Total Cost = \$8000
 - AIS Grant = (\$4000)
 - LID Cost = \$4000
- Environmental Sentry (I-lid)
 - Total Cost = \$2250
 - LID Cost = \$2250
- Curly Leaf Treatment
 - Cost = \$18,000
 - Survey Cost = \$762
 - DNR Grant = (\$5250)
 - LID Cost = \$13,512
- Boat Inspection
 - Total Cost = \$18,423
 - AIS Grant = (\$18,423)
 - LID Cost = \$0.00
- Boat Cleaning Equipment
 - Total Cost = \$25,000
 - MLA Gift = (\$25,000)
 - LID Cost = \$0.00

Project Net Cost to LID

- Total Cost for all Projects = **\$72,435**
- Stearns County AIS Grants (\$22,423)
- DNR Grant = (\$5,250)
- MN Lakes & Rivers Gift = (\$25,000)

Total LID Expense = \$19,762

Figure 1. CLP distribution and abundance from Grand Lake CLP delineation May 16, 2023





CD³

**WATERCRAFT
CLEANING STATION**

EVERYBODY LIKES A CLEAN BOAT

2 PLEASE WEAR YOUR SAFETY GEAR

CLEAN USE TOOL TO CLEAN THE HULL, TRIM, AND WELLS. REMOVE ALL DEBRIS.

DRAIN USE PLUG REMOVER TO REMOVE BOAT PLUG.

CLEAN USE CLEANER TOOL TO REMOVE STAY GREEN.

ALL OFF

CLEAN. DRAIN. DRY.

3 DRAIN-DRY USE TOOL TO REMOVE ALL BOAT WELLS, BAY AND HULL WELLS. DRAIN, DRY, AND WAX PROTECTANTS.

PLEASE WEAR YOUR SAFETY GEAR

VACUUM ON & REMOVAL STATION

WARNING





- Youth Water Safety Course for 12 years & Older
 - Classroom Instruction 6/7, 7/28, 8/2, 8/11, 8/25, 8/30
 - On the Water Instruction
 - DNR Permit Test
 - Classes fill up fast
- Starry Trek
 - Scheduled for Saturday, August 19th
 - Meet at Lake Koronis DNR Access on Hwy 55
 - Need to register with University of Minnesota
- School Section Lake
 - Continued treatment for EWM
- Chain of Lakes
 - Flowering Rush Control
 - \$40,000 Grant