



Wright Soil & Water Conservation District

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Dear Sugar Lake Association,

Please see the below summary of aquatic invasive species inspection activities on Sugar Lake. Note that while both North and South access data are reported funds from Sugar Lake Association only funded hours on the South Access.

Table 1. Hours worked and inspection totals and inspections per hour (IPH) on Sugar Lake-South Access

Month	Inspections	Hours	Average IPH
May	631	218.75	2.9
June	703	215.75	3.3
July	770	230.50	3.3
August	683	286.50	2.4
September	402	151.00	2.7
Total	3189	1102.50	2.9

Table 2. Hours worked and inspection totals and inspections per hour (IPH) on Sugar Lake-North Access

Month	Inspections	Hours	Average IPH
May	3	5.00	0.6
June	34	25.00	1.4
July	71	72.25	1.0
August	23	34.00	0.7
September	19	11.25	1.7
Total	150	147.5	1.0

Figure 1. Inspections by date at Sugar Lake Accesses

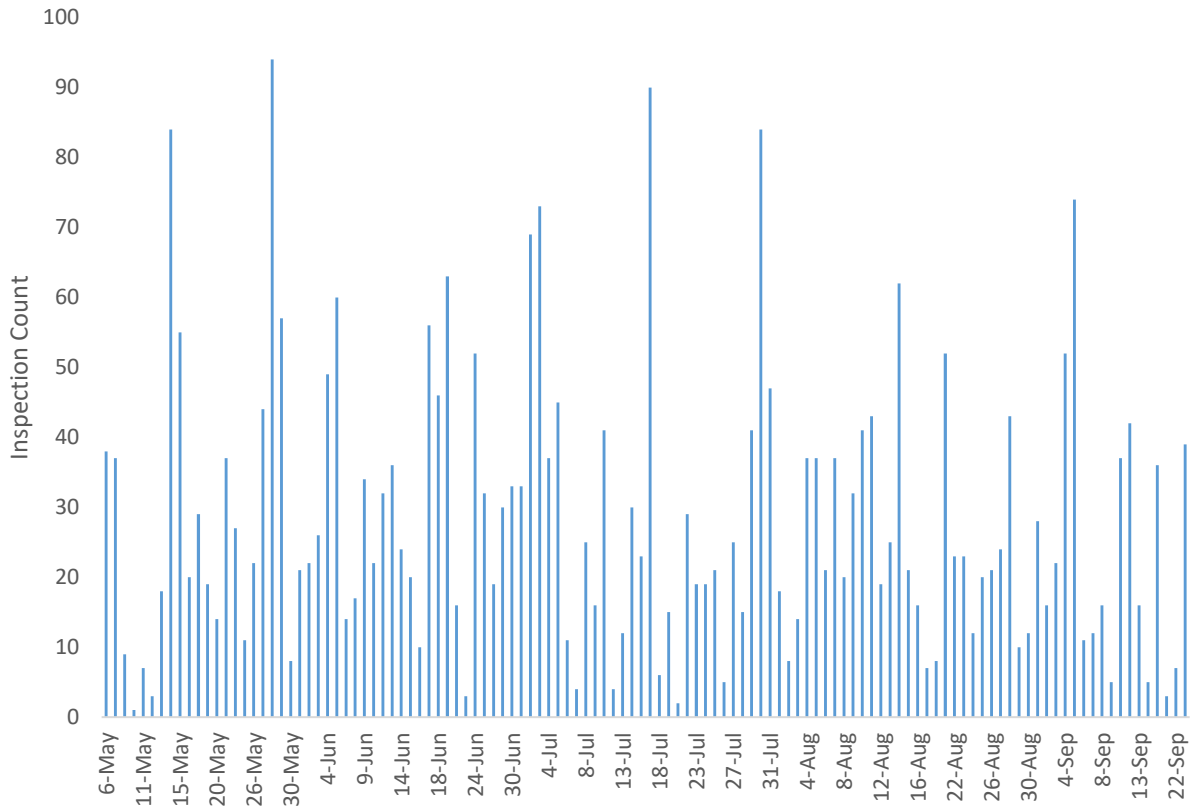


Table 3. Inspections and hours by day of the week

Day of Week	Inspections	Hour	Average IPH
Sunday	865	184.75	4.7
Monday	243	131.00	1.9
Tuesday	287	173.00	1.7
Wednesday	256	156.00	1.6
Thursday	358	199.75	1.8
Friday	527	200.00	2.6
Saturday	803	205.50	3.9

Table 4. Statistics of license plates on Sugar Lake- Accesses.

Access	Unique License Plates	Most Frequent User	>1 inspections
Sugar South	1617	16 inspections	49%
Sugar North	117	4 inspections	53%
Overall	1710	16 inspections	48%

Table 5. Inspections types on Sugar Lake Accesses

Access	Entering	Exiting	Courtesy	Dock/Lift
Sugar South	1926	1243	5	15
Sugar North	77	73	0	0
Overall	2003	1316	5	15

Note that Zebra mussels found during entering inspections were reporting to be from equipment that was on Sugar Lake in 2022 and was returning to the lake. The equipment was still required to be cleaned before launch

Table 6. Findings during entering inspections

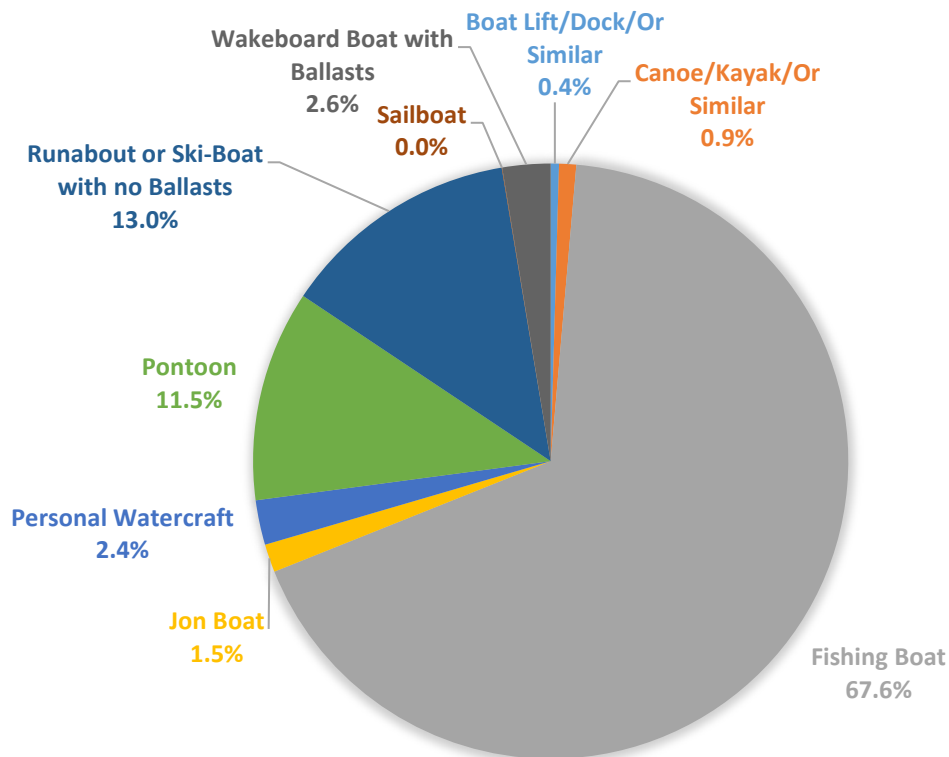
Access	Drain Plug in	Any Species Found	Zebra Mussels Found
Sugar South	3.6%	4.9%	0.0%
Sugar North	6.5%	9.1%	0.1%
Overall	3.7%	5.1%	0.1%

Table 7. Findings during exit inspections

Access	Drain Plug In	Any Species Found	Zebra Mussels Found
Sugar South	4.4%	33.1%	1.7%
Sugar North	12.3%	38.4%	1.4%
Overall	4.9%	33.4%	1.7%

Table 8. Inspections by equipment Type at West Lake Sylvia

	Inspections
Boat Lift/Dock/Or Similar	15
Canoe/Kayak/Or Similar	31
Fishing Boat	2256
Jon Boat	51
Personal Watercraft	81
Pontoon	383
Runabout or Ski-Boat with no Ballasts	434
Sailboat	1
Wakeboard Boat with Ballasts	87



Based on entering inspections boater came from 261 different waterbodies, 34% of boater were returning to Sugar Lake. Boaters will go to 139 different waterbodies and 43% will visit Sugar Lake again on their next trip.

Yours in conservation,

Alicia O'Hare
Water Resource Specialist