

Lake Management Memorandum:
 From: Tim and Tina Koonce
 Subject: Lake Management Annual Report
 Date: September 2023

Chairman Bob Berry and Members of the Friendship Lake District Board:

The following is an annual update of activities pertaining to the management of Friendship Lake.

Weed Harvesting:

The harvesting crew started reaping in May. Having spent approximately 1195 hours reaping, moving, and repairing our harvester. Removing 274 loads of aquatic plant waste on the west side of the lake and 25 loads on the east side of the lake.

<u>Hours</u>	2021	2022	2023
Harvesting		320.25	466.75
Hauling		268.75	423
Maintenance/moving		187	300.5
Training		92.5	5
Total hours	441.5	868.5	1195.25

<u>Loads</u>	1	2	3	4	5	6	7	8	total
2021	54	74	48	5	14	1	23	7	226
2022	18	28	63.5	13	11	1	8	64	206.5
2023	52	71	88.5	9	41	4	8.5	25	299

1=East end; 2=Main channel; 3=north bay; 4=northwest; 5=south; 6=dam; 7=slough; 8=east side of 11th St;

Water testing: In March, we received our annual email reminding us to pick up our packets for collecting and submission of water samples from Keifer Sroka, Adam County's Water Resource Specialist. Water samples were collected in May, June, July, and August and sent to the DNR lab in Madison for analysis.

Water temperature on the west side:

2022	June	July	Aug		2023	June	July	Aug
0 ft	75.1	73.4			0 ft	78.2	78	77.5
3 ft	74.4	73.2			3 ft	77.3	78	77.1
6 ft	72.8	73.			6 ft	76	77	77
9 ft	71.4	70.1			9 ft	71	72.3	75
12 ft	69.2	69.2			12 ft	68.7	69.2	71.4
15 ft	69	68.9			15 ft	66.5	69.2	69.8

Water temperature on the east side:

2022	June	July	Aug		2023	June	July	Aug
					0 ft			
					1 ft	69.2		66.2
					2 ft	68.1		66
					3 ft	67.4		65.2
					4 ft	67.3		65.4