



## FOREST LAKE

### 2023 Lake Management Proposal

Prepared for:

Forest Lake Property Owners Association

3088 Hottis Road Hale, MI 48739  
989-728-2200  
[www.lakeandpond.com](http://www.lakeandpond.com)



February 10<sup>th</sup>, 2023

Forest Lake Property Owners Association  
Attn: Mr. Ron Swagman  
6180 Bobcat Trail  
Alger, MI 48610



Mr. Swagman

Savin Lake Services is a licensed and insured fully integrated lakes management firm offering multiple mitigation solutions to improve the overall health, aesthetics and/or recreational use of lakes all throughout Michigan. We offer both mechanical and herbicide control methods to manage nuisance aquatic plants. In addition to aquatic plant management, we also offer multiple types of lake studies and consulting services, phosphorus mitigation solutions, lake aeration systems, lake dredging, and bacterial augmentation options for our customers.

Savin Lake Services Inc. has been servicing Michigan's lakes and ponds for over (25) years. We currently provide services on (75) lakes & (225) ponds in Michigan. The lakes that we currently have under contract range in size from 10 acres to 2,000 acres.

We are members of the Tawas Area and West Branch Chambers of Commerce and are an A+ Accredited Member of the Better Business Bureau of Michigan. We are also long-term members and sponsors of the Michigan Lakes & Streams Association, the Midwest Aquatic Plant Management Society, the Michigan Aquatic Managers Association, and the Aquatic Ecosystem Restoration Foundation.

If selected to continue as your lake management services provider Savin Lake Services will implement an integrated plant management plan to manage Forest Lake safely and effectively. We will continuously assess and study the ecology of the lake to prevent and identify any possible threats. Then evaluate which physical(mechanical), herbicide, and/or biological control method will be the most effective, economical, and feasible option that will eliminate or reduce the threat and positively impact Forest Lake's ecosystem.

Savin Lake Services is pleased to offer the following Proposal, Company Profile, and References, for your consideration. If you have any questions regarding the following proposal, please feel free to contact us at any time.

Sincerely,

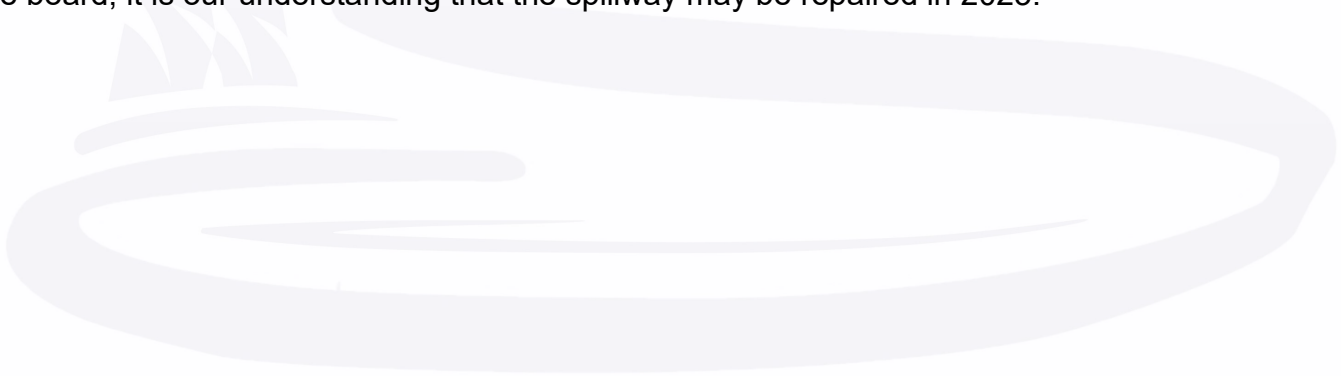
Matt Novotny – Operations Manager  
Savin Lake Services Inc.



### **Project Overview**

Savin Lake Services is pleased to respond to the Forest Lake Property Owners Association (hereafter titled FLPOA) Request for Proposal. The key to a successful lake management plan is to fully understand all facets of the lake's condition. We plan to use an integrated management approach that utilizes existing data from past water quality tests and previous lake management studies in conjunction with a fresh set of data obtained in 2023. Our goal is to obtain and analyze this data in order to fully understand the environmental factors that are currently impacting the health of the ecosystem. At that point, we can determine and recommend the best course of action balancing fiscal disciplines with the visual, ecological, and recreational requirements of the lake. Savin Lake Services will create a multi-year plan for your lake as a result of comprehensively investigating all treatment options available and we will also conduct complete water quality tests for comparison with past test results and determination of any trends that may exist. Our role is to objectively review and evaluate all the management methods available and then recommend a solution that is right for you.

Savin Lake Services has data logging technologies integrated into our equipment which provide real, accurate, and inviolable information. We welcome members of the FLPOA to join us for any and all activities we perform while on Forest Lake. Savin Lake Services utilizes technology that differentiates us from our competition, and we are the only lakes management company that also provides dredging services. Please keep in mind that some of these technologies can only be used once the water level returns to normal in Forest Lake. Upon discussions with the vice president of the board, it is our understanding that the spillway may be repaired in 2023.





## **Scope of Work to be Performed**

### **General Information**

Savin Lake Services will provide background information on Forest Lake. Various surveys will be performed, such as utilizing mapping software, visual surveys, etc, in order to provide an accurate depiction of the current state of Forest Lake, which will be very beneficial following the spillway failure. We'll be looking at the entire watershed, as well as the specifics of your lake, and if there's anything that makes it unique from most other lakes in Michigan. While the property owner's association may already know this information, it can be beneficial to any newcomers that view the final report as well as comparing historical information from before the spillway failure.

### **Aquatic Vegetation**

A comprehensive vegetation assessment is a great way to get an understanding of the aquatic plant species in your lake as well as their distribution and abundance. Aquatic Vegetation Assessment Surveys (AVAS) are completed during late summer when emergent and submerged vegetation are fully grown. The data received from this assessment will provide a complete inventory of the plant diversity/species richness and their distribution in the lake that can be represented on a map for reporting purposes. In addition to the AVAS survey, we will also provide accurate bathymetric (depth contour), biovolume (vegetation density), and bottom hardness maps.

Once completed, Savin Lake Services will provide a 'status of the invasive species' in Forest Lake as well as recommendations to address current lake conditions to meet future management goals. Savin Lake Services are a fully integrated lakes management firm that can provide herbicide applications, mechanical harvesting, aeration systems, dredging operations, and other lake management strategies. Therefore, Savin Lake Services will provide recommendations for the best management practices that will meet your goals in the most cost-effective, efficient, and unbiased manner.

### **Water Quality**

Samples will be collected in spring and late summer at different locations in the lake. Spring samples capture the water quality in the lake during a time when the water column is mixed (uniform) as opposed to the late summer when inland lakes typically stratify. Additionally, we will be collecting water quality samples from each of the inlets that flow into the lake. These samples will be analyzed so that results can be included in the water quality report.

The parameters being sampled are alkalinity, pH, dissolved oxygen, total phosphorous and free reactive phosphorus, Nitrates and Total Kjeldahl Nitrogen, ammonia, chlorophyll-a and algae identification, bacteria (E. coli), conductivity, turbidity, total suspended solids and total dissolved solids, sediment sample analysis, and Secchi disk transparency.

Once Savin Lake Services have all of the water quality data collected, we will be able to classify the lake's trophic status and report on the status of nutrient levels in the lake. Savin Lake Services will also compile the collected results with historical sampling data to provide trending analysis for each water quality parameter that data is available. If a concern is identified, we will provide the best management practices that will mitigate the specific concern. Methods and plans for phosphorus mitigation will be evaluated to address eutrophication concerns.



## **Evaluation of Additional Lake Management Strategies**

Savin Lake Services will evaluate and provide recommendations for additional lake management strategies including:

### **Dredging**

Savin Lake Services typically recommend dredging in areas where sediment has accumulated to the point that it is impairing recreational use of the waterbody. Additionally, dredging material that contains high amounts of nutrients will further benefit lake health. This involves removing the accumulated sediment and disposing it at in a state approved holding cell located nearby.

### **Aeration**

Aeration is recommended in waterbodies that either have low dissolved oxygen, poor mixing, soft bottoms with high concentrations of organic matter, or some combination of the three. Aeration systems can greatly enhance bacterial decomposition of organic sediment (Muck) and offers great benefits to a lake's water quality. Integrating an aeration system in the low energy areas of Forest Lake will offer many long-term water quality benefits. Although adding aeration does not provide the immediate removal of the organic sediment on the lake bottom like dredging does, by adding diffused aeration to these areas it will increase the decomposition rate and slow the rate of further accumulation of organic sedimentation in the bottom of the lake which will prolong the need for further dredging of the lake in the future.

### **Bacterial Augmentation**

This is used in conjunction with aeration in waterbodies with high concentrations of organic matter. Naturally occurring bacteria in your lake currently work to break down that organic matter. These treatments are completed by adding microbial pellets that produce enzymes and additional colony forming bacteria to digest the organic sediment. Overtime an aeration system coupled with bacterial augmentation treatments should mitigate additional sediment accumulation and overtime could result in a reduction in organic sediment.

### **Best Management Practices**

In addition to the services Savin Lake Services provide, we'll talk you through several things that property owners around the lake can do to ensure that they are not negatively contributing to water quality in the lake and help slow the spread of invasive species both within the lake and regionally.



**Project Pricing – FLPOA**

Savin Lake Services is pleased to offer the above lake management proposal for Forest Lake for a firm fixed cost. There are no “hidden costs”, Savin Lake Services will not charge additionally for telephone conversations, meeting attendance, or an hourly rate for our staff. Those items are part of our standard operating philosophies.

**2023 Lake Management Plan as described above.....\$ 6,900.00**

**PAYMENT TERMS:**

½ down, ½ with final lake management plan submission (December 2023).

**AGREEMENT ACCEPTANCE**

If the above proposal meets your needs, please sign below indicating your acceptance, and return to us at your earliest convenience. If you have any questions – please feel free to contact us at a time.

Sincerely,

*Matthew Novotny*

Matt Novotny – Operations Manager  
Savin Lake Services Inc.

\_\_\_\_\_  
Mr. Ron Swagman  
Forest Lake Property Owners Association Board – Vice President

\_\_\_\_\_  
Date



## SAVIN LAKE SERVICES – COMPANY PROFILE

Savin Lake Services has been managing lakes and ponds in Michigan since 1995. The business was originally started as Rustin Lake & Pond Service by Dennis Rustin and was based in the Clare, Michigan area. Guy Savin purchased the company in 2004 and moved the main office location to Hale, Michigan. The business has grown over twenty (20) times the original size in the past 15 years. Savin Lake Services mission statement is simple. We truly believe that we are “Preserving Our Lakes Today, for Our Generations Tomorrow”.

Savin Lake Services main office location is based in Hale, Michigan, and our work is located all over Michigan. Although we have only a single main office location – Savin Lake Services has been successful in managing lakes all over Michigan very well. We disperse our lakes management crews to a geographic location in Michigan and they remain in that area (typically staying in hotels) until all work in that area is completed. We feel that this philosophy allows us to service our lakes well, without adding the additional overhead associated with multiple locations. Savin Lake Services currently employs (9) commercially certified applicators, and (13) additional team members.

Savin Lake Services utilizes technology in our company that is not available with any other aquatic management company in the state of Michigan. Our GPS technology not only controls the application rate of the products that we apply to lakes, but our GPS technology also allows us to ensure that we are neither overlapping nor missing areas on your lake. We can also provide you with an application report generated from our GPS system, so that you know exactly where we have applied herbicide products to a lake, for each application that we perform utilizing our GPS enabled boats. Savin Lake Services also provides mechanical removal (harvesting) of submerged aquatic vegetation utilizing our own fleet of vegetation harvesters, and our vegetation harvesters are equipped with GPS guidance systems so that we can ensure that we do not miss areas of harvesting on your lake.

We have built our business based on servicing our customers well, and our location will allow us to respond to any issues or concerns that may arise on Forest Lake within a (2) day timeframe. Our solid reputation speaks for itself. We are known for a high level of quality service, and we have a strong commitment to customer satisfaction.

The products that we use for aquatic nuisance weed control are of the highest quality and used in the safest manner possible. All the products are registered by the Federal EPA (Environmental Protection Agency) and controlled by the Michigan EGLE. The required permits are issued by the Michigan EGLE, and Savin Lake Services will manage the application for these permits (at no additional charge). Savin Lake Services is licensed by the State of Michigan and carries all required insurances. License and insurance will remain in effect to cover the entire treatment season. All the employees of Savin Lake Services are well trained and hold commercial certifications.

Savin Lake Services will add the Forest Lake Property Owners Association to our insurance liability policy as an additional insured” at no additional charge.



## SAVIN LAKE SERVICES PROFESSIONAL STAFF:

### Guy B. Savin, IV – President

Specialties: Lake management services, aquatic vegetation control, corporate strategic planning, full-lake aeration specialist, pond design and development. Education: B.S. Business Administration, Northwood University. Guy Savin has been involved with lake management for over twenty (20) years and as president he leads his team growing the business, attending trade conferences, and keeping current with regulations and lake management technologies.

### Paul Barber – Sales and Market Development Manager

Specialties: Lake and pond management services, aquatic and terrestrial vegetation control, project management, and fountain and aeration specialist. Paul Barber has been Certified Herbicide Applicator (including Category V and Category VI) for over 13 years and in that time, he has gained a vast amount of hands-on experience in all fields of services that we offer. Paul handles all new project sales and requests for quote. Paul attends and has completed numerous classes, trade conferences, and sales/service training seminars to further his education and stay up to date on the latest technologies and changes in the industry.

### Matt Novotny – Environmental Scientist/Operations Manager

Specialties: Certified Herbicide Applicator (including Category V and Category VI), water quality technician, and Ecological Studies. Education: B.S. Geochemistry, Western Michigan University. Matt has a wide variety of environmental knowledge obtained through his degree at Western. He heads up our water quality division. Matt's versatility allows him to be a part of many aspects of Savin Lake Services. As Operations Manager, Matt oversees daily operations to ensure tasks are completed in a safe and timely manner, within budget, and meet or exceed company standards. Matt is also responsible for coordinating project details, staff and resource scheduling, skills and safety training, annual follow-up treatment reporting, required posting, and our GPS technology equipped boats.

### Contact Information

Savin Lake Services Inc.  
3088 Hottis Rd.  
Hale, MI 48739  
(877)-SAV-LAKE { 877-728-5253}  
(989) 728-2200 Fax: (989) 516-5900

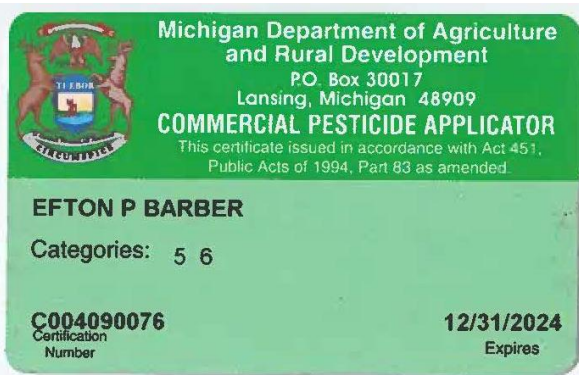
[guysavin@lakeandpond.com](mailto:guysavin@lakeandpond.com)  
[paulbarber@lakeandpond.com](mailto:paulbarber@lakeandpond.com)  
[mattnovotny@lakeandpond.com](mailto:mattnovotny@lakeandpond.com)



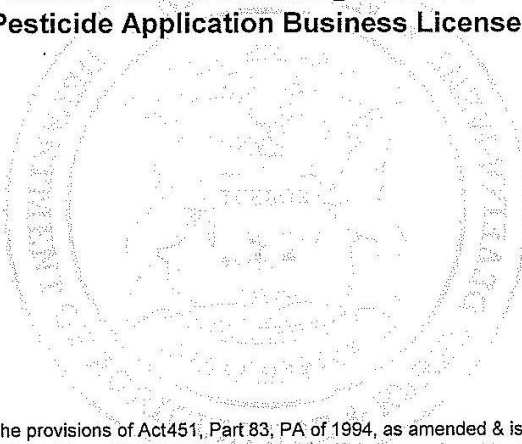




**(Commercial Pesticide Applicator License):**



**(MDARD Pesticide Application Business License):**

<p>PI-079 (07/03)</p> <p>Issued To:</p> <p><b>SAVIN LAKE SERVICES, INC.</b>          3088 HOTTIS RD.          HALE, MI 48739-          Category(ies): 5, 6  <u>Mailing Address:</u></p> <p>SAVIN LAKE SERVICES, INC.          3088 HOTTIS RD.          HALE, MI 48739-</p>	<p>Michigan Department of Agriculture &amp; Rural Development  <b>Pesticide and Plant Pest Management Division</b>  <b>Pesticide Application Business License</b></p> 	<p><b>License No:</b> 650006  <b>Issue Date:</b> 12/02/2021  <b>Expiration:</b> 12/31/2022</p> <p><b>PAB</b></p> <p>GARY MCDOWELL          Director of Agriculture          &amp; Rural Development</p>
<p>This license is issued in accordance with the provisions of Act 451, Part 83, PA of 1994, as amended &amp; is only valid for the establishment, address, and categories listed above. Categories with an (*) are RESTRICTED (see back). This license is not transferable.</p>		



## SAVIN LAKE SERVICES EQUIPMENT LIST

<b>BOATS</b>					
	<b>Length</b>	<b>HULL</b>	<b>TYPE</b>	<b>USE</b>	<b>Propulsion</b>
1	12 FT.	ALUMINUM	FLAT BOTTOM	POND MAINTENANCE	8HP MERCURY OUTBOARD
2	12 FT.	ALUMINUM	FLAT BOTTOM	POND MAINTENANCE	9.9 MERCURY OUTBOARD
3	14 FT.	ALUMINUM	FLAT BOTTOM	LAKE/POND MANAGEMENT	15HP MERCURY OUTBOARD
4	14 FT.	ALUMINUM	SEMI V	LAKE/POND MANAGEMENT	25 HP HONDA OUTBOARD
5	16 FT.	FIBERGLASS	CAROLINA SKIFF	LAKES MANAGEMENT	60 HP MERCURY OUTBOARD
6	16 FT.	FIBERGLASS	SUNDANCE SKIFF	LAKES MANAGEMENT	60 HP MERCURY OUTBOARD
7	17 FT.	ALUMINUM	SEMI V	LAKES MANAGEMENT	40 HP MERCURY OUTBOARD
8	18 FT.	STEEL BOAT	SEMI V	DREDGING OPERATIONS	60 HP JOHNSON ETEC OUTBOARD
9	19 FT.	FIBERGLASS	CAROLINA SKIFF	LAKES MANAGEMENT	60 HP MERCURY OUTBOARD
10	20 FT.	ALUMINUM	SEMI V	DREDGING OPERATIONS	90 HP YAMAHA OUTBOARD
11	20 FT.	ALUMINUM	SEMI V	LAKES MANAGEMENT	90 HP MERCURY OUTBOARD
12	20 FT.	ALUMINUM	SEMI V	LAKES MANAGEMENT	150 HP HONDA OUTBOARD
13	20 FT.	ALUMINUM	AIRBOAT	LAKES MANAGEMENT	CHEVY 350 C.I. MARINE ENGINE
14	20 FT.	STEEL	BARGE	DREDGING OPERATIONS	140 HP SUZUKI OUTBOARD

ALL EQUIPPED WITH GPS COORDINATE MAPPING & APPLICATION CAPABILITIES, AND HERBICIDE APPLICATION EQUIPMENT INCLUDING SPREADERS, TANKS, HOSES, PUMPS, SPRAY GUNS, ETC.

<b>VEHICLES</b>				
	<b>YEAR</b>	<b>MAKE</b>	<b>MODEL</b>	<b>OPTIONS</b>
1	2022	CHEVROLET	TAHOE	DURAMAX DIESEL WITH TRAILERING PACKAGE
2	2021	JEEP	GLADIATOR	
3	2017	CHEVROLET	EQUINOX	AWD- WITH TRAILERING PACKAGE
4	2016	CHEVROLET	SILVERADO 3500 (DUALLY)	DURAMAX DIESEL 4X4 CREW CAB W/UTILITY BOXES
5	2016	CHEVROLET	SILVERADO 1500	4X4 CREW CAB WITH V MAX TRAILERING PACKAGE
6	2016	JEEP	CHEROKEE	AWD- WITH TRAILERING PACKAGE
7	2015	CHEVROLET	SILVERADO 1500	4X4 CREW CAB
8	2015	CHEVROLET	SILVERADO 1500	4X4 DOUBLE CAB
9	2014	CHEVROLET	SILVERADO 1500	4X4 DOUBLE CAB
10	2011	CHEVROLET	SILVERADO 1500	4X4 EXTENDED CAB
11	2011	CHEVROLET	SILVERADO 3500 (DUALLY)	DURAMAX DIESEL 4X4 CREW CAB W/ UTILITY BOXES
12	2010	CHEVROLET	SILVERADO 2500	DURAMAX DIESEL 4X4 CREW CAB
13	2007	CHEVROLET	SILVERADO 3500	4X4 EXTENDED CAB
14	2007	CHEVROLET	SILVERADO 2500 HD	4X4 CREW CAB
15	2006	CHEVROLET	SILVERADO 3500 (DUALLY)	4 X 4 EXTENDED CAB TRUCK
16	2004	CHEVROLET	SILVERADO 2500 HD	DURAMAX DIESEL 4X4 EXTENDED CAB
17	2004	CHEVROLET	SILVERADO 1500	4 X 4 EXTENDED CAB TRUCK
18	2003	CHEVROLET	S-10	4 X 4 EXTENDED CAB TRUCK
19	2001	FREIGHTLINER	SEMI/TRACTOR	
20	1977	PETERBUILT	SEMI/TRACTOR	



### AQUATIC VEGETATION HARVESTING EQUIPMENT

	HARVESTERS & CONVEYER TRAILERS MAKE/MODEL	CAPACITY (CU. FT.)	CUTTERHEAD WIDTH	AVG TIME TO CUT 1 ACRE
1	AQUATICS UNLIMITED AUH8-200	200	8 FT.	2 HOURS
2	AQUARIUS SYSTEMS H-220 WITH TRC-12 SERIES OFFLOADING CONVEYOR TRAILER	220	5 FT.	3 HOURS
3	AQUARIUS SYSTEMS H-420 WITH TRC-23 SERIES OFFLOADING CONVEYOR TRAILER	420	7 FT.	2 HOURS
4	AQUARIUS SYSTEMS H-420 WITH TRC-23 SERIES OFFLOADING CONVEYOR TRAILER	420	7 FT.	2 HOURS
5	AQUAMARINE H-650 WITH TRC-34 SERIES OFFLOADING CONVEYOR TRAILER	650	8 FT.	2 HOURS

**ALL EQUIPPED WITH GPS COORDINATE MAPPING.**

### DREDGING EQUIPMENT

1	W & S "BADGER" HYDRAULIC CUTTERHEAD DREDGE (8 INCH)
2	W & S "BADGER" HYDRAULIC CUTTERHEAD DREDGE (8 INCH)
3	W & S "BADGER" HYDRAULIC CUTTERHEAD DREDGE (8 INCH)
4	BOOSTER PUMP (8 INCH) MOUNTED ON FLOATING BARGE
5	McELROY PIT BULL NO.28 (8 INCH) PIPE FUSION MACHINE
6	OVER 20,000 FEET OF 8 INCH PIPE
7	KOMATSU PC220 LC5 EXCAVATOR
8	CATERPILLER 307 SSR EXCAVATOR
9	JOHN DEERE CRAWL 650 DOZER
10	CATERPILLAR D5M LGP DOZER
11	FORD 2120 TRACTOR WITH ATTACHMENTS
12	NEW HOLLAND BOOMER 55 TRACTOR WITH ATTACHMENTS
13	BOMBARDIER 4 - WHEELER
14	ARGO 75 HD
15	HONDA PIONEER SXS1000M5P
16	TALBERT LOW BOY SEMI TRAILER
17	TRAILMOBILE STEP DECK SEMI TRAILER (DREDGE TRANSPORT)
18	TRAILMOBILE STEP DECK SEMI TRAILERS (DREDGE TRANSPORT)
19	TRANSCRAFT FLATBED SEMI TRAILER
20	TRANSCRAFT STEP DECK SEMI TRAILER ( DREDGE TRANSPORT)
21	DYNAWELD FLAT BED EQUIPMENT TRAILER
22	TRAIL KING TRIAXLE EQUIPMENT TRAILER
23	LOAD TRAIL 38' GOOSENECK PIPE TRAILER
24	LOAD TRAIL 40' GOOSENECK PIPE TRAILER
25	R&R TRAILERS INC. TANDEM AXLE SNOWMOBILE TRAILER
26	BRAVO ENCLOSED TANDEM AXLE TRAILER
27	RC TRAILERS INC ENCLOSED TRAILER
28	KARAVAN UTILITY TRAILER
29	2007 SPRINTER FIFTH WHEEL CAMPER
30	2008 JAYCO FIFTH WHEEL CAMPER



## SAVIN LAKE SERVICES STAFF LISTING

**Guy Savin** – President & Commercially Certified Applicator since 2004

**Paul Barber** – Sales and Market Development Manager & Commercially Certified Applicator since 2009

**Matt Novotny** – Operations Manager/Environmental Scientist & Commercially Certified Applicator since 2012

**Rhonda Sumeracki** – Office Manager

**Mike Kujawa** – Pond Services Manager, and Commercially Certified Applicator since 2010

**Justin Tenbusch** – Regional Lakes Manager and Commercially Certified Applicator since 2016

**Kyle Fowler** - Regional Lakes Manager and Commercially Certified Applicator since 2016

**Scott Miller** – Certified Marine Mechanic and Boat Storage and Maintenance Manager

**Jeremy Clayton** – Certified Vehicle and Heavy Equipment Mechanic

**Karl Moss** – Heavy Equipment Hauler

**David Finney** – Heavy Equipment Operator

**Brandon Williamson** – Harvesting and Dredging Operations Supervisor

**Caleb Barber** – Commercially Certified Applicator since 2022

**Joey Weber** – Commercially Certified Applicator since 2022

**Tim Cady** – Dredge Operator

**Tyler Fowler** – Dredge Operator

**Anthony Scott** – Posting Crew Member, Harvester Operator, and Dredge hand

**Eli Fanzosi** – Posting Crew Member, Harvester Operator, and Dredge hand

**Bryant Kesler** - Posting Crew Member, Harvester Operator, and Dredge hand

**Kristy Miller** - Posting Crew Member, Harvester Operator, and Dredge hand







EXPERIENCE AND REFERENCES:

**FIFE LAKE AQUATIC VEGETATION CONTROL**

**CLIENT:**

Fife Lake Nuisance Weed Commission  
Fred Joles - Former Fife Lake Township Supervisor  
Weed Control Contact (231) 620-0098

**LOCATION:**

Grand Traverse and Kalkaska Counties, Michigan

**KEY SERVICES PROVIDED:**

Lake Management  
Nuisance Weed Control  
2,4-D granular application  
Diquat Dibromide liquid application  
Lily Pad Control

**PROJECT DURATION:**

2006 – 2026 (Contracted through 2026)

**TOTAL CONTRACT COST:**

\$875,000.00

**PROJECT DESCRIPTION**

The history between Savin Lake Services and Fife Lake actually dates to 2006 when Savin Lake Services was awarded the lake management contract and aided in the establishment of a Special Assessment District. Ironically, a lake management and consulting firm selected a competing herbicide applicator in 2007 based upon the board's preference. Resulting from the public outcry originating from the dissatisfaction of the property owners in 2007, Savin Lake Services was awarded a multi-year contract in 2008 to return Fife Lake to its pre-2007 splendor. GPS generated application reports are provided at the conclusion of every visit. The systemic control philosophy that we have implemented has reduced the annually recurring hybridized milfoil population from 150 acres to approximately (10) acres treated per year. We have recently signed a five (5) year contract with Fife Lake for treatment through the 2026 season.







EXPERIENCE AND REFERENCES (Continued):

**WALLED LAKE AQUATIC VEGETATION CONTROL**

**CLIENT:**

Walled Lake Improvement Board  
Mrs. Tina Miller - Riparian Owner Representative  
1957 West Lake Drive  
Novi, MI 48377  
Home: (810) 938 - 3131

**LOCATION:**

Oakland County, Michigan

**KEY SERVICES PROVIDED:**

Lake Management  
Nuisance Weed Control  
2,4-D granular application  
Diquat Dibromide liquid application  
Aquatic Vegetation Harvesting  
Lily Pad Control

**PROJECT DURATION:**

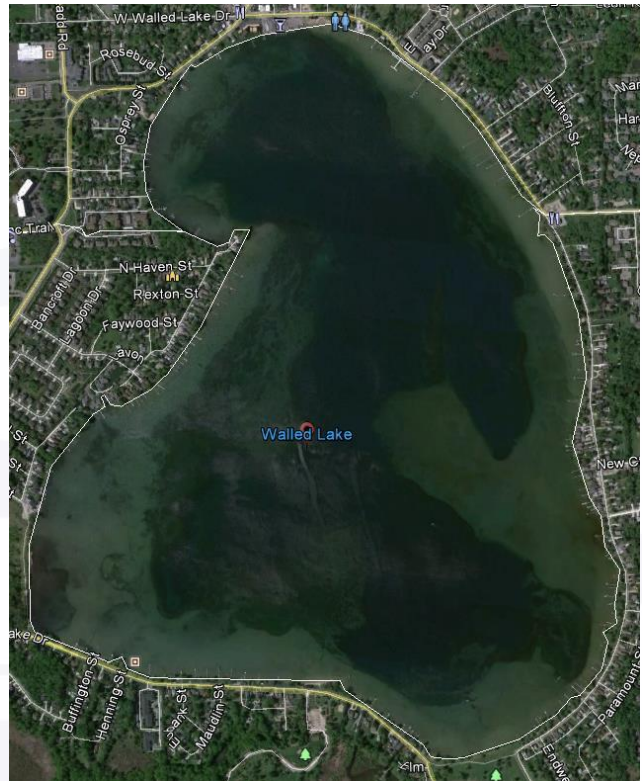
2011 – 2023 (Automatically Renewing Contract through 2023)

**TOTAL CONTRACT COST:**

\$1,200,000.00

**PROJECT DESCRIPTION**

Savin Lake Service began working with Walled Lake in 2010 when we were awarded a contract to perform a full lake survey specifically isolating Eurasian Water Milfoil. Initially, the Lake Improvement Board preferred harvesting as a control method however during the past few years, they have leaned toward systemic control using 2-4, D. Treatments began with nearly 400 permitted acres of treatment and that total has been significantly reduced during the years.





## EXPERIENCE AND REFERENCES

### **LAKE SOMERSET AQUATIC VEGETATION CONTROL AND DREDGING OPERATIONS**

#### **CLIENT:**

Lake Somerset POA  
Jodi Dahlberg - President  
(517) 815-4100 (cell)

#### **LOCATION:**

Hillsdale County, Michigan

#### **KEY SERVICES PROVIDED:**

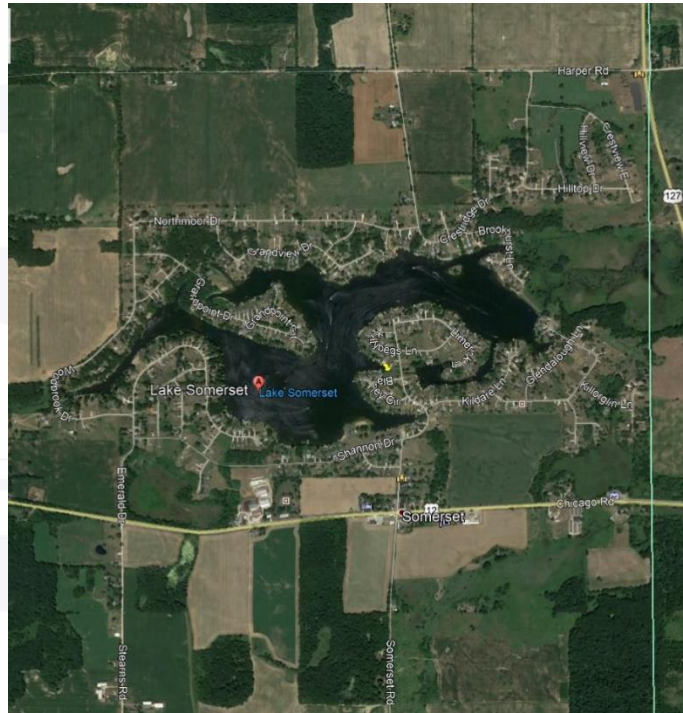
Lake Management  
Dredging Operations  
Nuisance Weed Control  
2,4-D granular application  
Diquat Dibromide liquid application  
Aquatic Vegetation Harvesting  
Lily Pad Control

#### **PROJECT DURATION:**

2018 – 2023

#### **TOTAL CONTRACT COST:**

\$ 1,050,400.00



#### **PROJECT DESCRIPTION**

Lake Somerset offers over 187 acres of all sports activity located in Somerset Township in Hillsdale County. Savin Lake Services was originally awarded a \$ 700,000 dredging project in 2018, and in 2019 LSPOA hired us to be their lake management partner also.

This lake is a great example of our philosophy to “take control before things get out of control” as the Lake Somerset Association Board has renewed our contract for another three (3) years.



Reference Letter from Lake Somerset:



**Lake Somerset Association**

*Jodi A Dahlberg, Vice President*

8/8/2019

To Whom it May Concern:

My name is Jodi Dahlberg and I am the Vice President of the Lake Somerset Property Owners Association (LSPOA). I wanted to take a few moments to write a reference for the lake and pond management company - Savin Lake Services Inc. located in Hale, Michigan.

Lake Somerset is a 220-acre lake located in Somerset Center, MI approximately 15 miles south of Jackson, MI. For (7) years (2012 – 2018), the LSPOA had contracted with a lake management company PLM for the aquatic herbicide management on Lake Somerset. Our lake continue to show degradation over that time until last year when it was almost unpassable. We had to stop our boats every so often to pull all the weeds off our props. Algae was everywhere and the lake looked terrible.

In 2018 the LSPOA board elected to hire Savin Lake Services to perform a large dredging project on Lake Somerset, and Savin Lake Services attention to detail and communication in regards to the dredging project impressed the LSPOA Board members. Guy walked us through the process and had our permit completed and worked through many obstacles.

In 2019, the Board decided to change our lake services and hire Savin to manage our lake, his service in the dredging process and his ideas impressed many of us on the board. The level of communication and level of detail exhibited by Savin Lake Services team members in their treatment methodologies far exceeds anything we had experienced in the past with the previous company. The LSPOA Board has been very happy and has received nothing but positive commentary from the property owners on Lake Somerset as they see the difference in the attention to detail between the (2) companies. I have attached some of the emails we have received from our members below. The GPS application technology that Savin utilizes sets them apart as a company from their competition. Our members now look forward to receiving the map. It has helped them to understand where it was treated and what chemical was placed on their lakeshore. The calls, questions and inquiries from the members has greatly reduced by using this tool.

One of the largest problems that LSPOA experienced in the past ...is with the wild celery management on Lake Somerset. In the past... the previous company had utilized many products for wild celery management including Nautique, Komeen Crystal, and Hydrothol 191 Granular. In the past... the LSPOA had seen very little success with these products. As mentioned above, we could barely boat for ½ an hour without removing it from our props.



Lake Somerset Reference Letter (continued)

In 2019 Savin Lake Services proposed a Harpoon Granular application that was applied by their GPS enabled boats at an application rate of 240 pounds an acre. Savin Lake Services completed a wild celery pre wash the day prior with a Chelated Copper product. This application and treatment methodology was very effective and nothing like we had seen in the past with the previous company. Savin Lake Services treated the near shore wild celery with the aquatic herbicide Harpoon Granular. We then asked Savin to utilize their GPS tracked vegetation harvesters to harvest the offshore wild celery that is untreatable with aquatic herbicides. Once again, we were very pleased with the Savin Lake Services harvesting operations, and the condition of their equipment.

Again... we wanted to take the time to put this in writing as we have been extremely pleased with the communication and treatment methods as proposed by Savin Lake Services, Inc.

If you wish... please feel free to contact me via email at [jodilip226@yahoo.com](mailto:jodilip226@yahoo.com) with any questions regarding the above letter of reference.

Sincerely,

Jodi Dahlberg; Vice President LSPOA

**Below are a few emails from our members:**

Hi Jodi,

I know that many persons on the lake are quick to complain and do not always take the time to write when something positive happens

I feel that the Savin efforts are very much improving out lake and have seen a vast difference this summer compared to last summer ... please pass this along and keep up the wonderful work!

Jim Baker

13823 Grandpoint Drive

From: Joann Robertson <[joerobby@comcast.net](mailto:joerobby@comcast.net)>

Sent: Monday, July 29, 2019 12:51 AM

Wow! I've never seen such a terrific job done in our Kildare Bay. He spent a very long time going over the entire area except close to the beach, of course. I was amazed. I was very impressed and would highly recommend hiring them in addition to our weed cutter. To be very honest with you, I've never noticed a difference with our weed cutter except a mess on top of the water when they do come down the channel which isn't often.

Also, the quality of Savin service is so much better with weed control.

THANK YOU, SAVIN!