

# FOREST LAKE

# 2022 Lake Management Proposal

# Prepared for: Forest Lake Property Owners Association

3088 Hottis Road Hale, MI 48739 989-728-2200 www.lakeandpond.com



January 14<sup>th</sup>, 2022

Forest Lake Property Owners Association Attn: 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 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,

Guy Savin – President 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 2022. 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.



#### 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, 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 the provide 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.

#### <u>Aeration</u>

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.

# 2022 Lake Management Plan as described above......\$ 6,900.00

#### PAYMENT TERMS:

 $\frac{1}{2}$  down,  $\frac{1}{2}$  with final lake management plan submission (December 2022).

#### 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 any time.

Sincerely,

Guy Savin – President Savin Lake Services Inc.

Mr. Ron Swagman	
Forest Lake Property Owners A	ssociation Board - 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 (12) commercially certified applicators, and (6) 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 Association to our insurance liability policy as "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, fulllake 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.

#### Seth Gibson – Fisheries Biologist/Regional Lakes Manager

Specialties: Certified Herbicide Applicator (including Category V and Category VI), water quality technician, and Ecological Studies. Education: B.S. Fisheries and Wildlife from Michigan State University with a concentration in Fisheries Biology and Management. Seth is an integral part of our management team and his education and work experience extend to numerous aspects of lake management. In addition to a Lakes Manager, he handles all fisheries related projects from comprehensive fish surveys to habitat suitability, completes EGLE permit applications for herbicide applications, and acts as a lake consultant.

# 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 12 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) 516-5900Sethgibson@

guysavin@lakeandpond.com paulbarber@lakeandpond.com mattnovotny@lakeandpond.com sethgibson@lakeandpond.com



#### Liability Insurance and Liscenses:

ACORD

#### **CERTIFICATE OF LIABILITY INSURANCE**

DATE (MM/DD/YYYY) 01/05/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER				CONTACT NAME:	Jackie Rachow			
Diebold Insura	nce Agency			PHONE (A/C, No, Ext	(989) 345-0200	FAX (A/C, No):	(989) 3	345-0232
817 W Hought	on Ave.			E-MAIL ADDRESS:	jackie@dieboldinsurance.com			
P.O. Box 188					INSURER(S) AFFORDING COVERAGE			NAIC #
West Branch		MI 4866	1	INSURER A :	Navigators			
INSURED				INSURER B	Motorists Insurance			
	Savin Lake Services, Inc			INSURER C	Retailers Mutual Insurance Co			
	3088 Hottis Road			INSURER D	:			
				INSURER E :	1			
	Hale	MI 4873	9	INSURER F :				

 COVERAGES
 CERTIFICATE NUMBER:
 20 to 21 New WC
 REVISION NUMBER:

 THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD
 INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS

 CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR	TYPE OF INSURANCE		SUBR		POLICY EFF	POLICY EXP	LIMIT	.e
LIR		INSD	WVD	FOLICT NOWBER	(MM/DD/YYYY)	(MM/DD/YYYY)		s 1,000,000
							EACH OCCURRENCE	F0.000
	CLAIMS-MADE 🗙 OCCUR						PREMISES (Ea occurrence)	\$ 50,000
							MED EXP (Any one person)	<sub>\$</sub> 5,000
A				NY20MPKZ0211J02	05/01/2020	05/01/2021	PERSONAL & ADV INJURY	\$ 1,000,000
	GEN'LAGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	\$ 2,000,000
	POLICY PRO- JECT LOC						PRODUCTS - COMP/OP AGG	\$
	OTHER:						Operation Pollution	\$ 1000,000
	AUTOMOBILE LIABILITY						GOMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
	ANYAUTO						BODILY INJURY (Per person)	\$
в	OWNED AUTOS ONLY SCHEDULED			5000008262	05/01/2020	05/01/2021	BODILY INJURY (Per accident)	\$
	HIRED NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	\$
							Uninsured/Underinsured	\$ 1,000,000
	UMBRELLA LIAB OCCUR						EACH OCCURRENCE	\$
	EXCESS LIAB CLAIMS-MADE						AGGREGATE	\$
	DED RETENTION \$							\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						X PER OTH- STATUTE ER	
C	ANY PROPRIETOR/PARTNER/EXECUTIVE	N/A		WCP00012195	12/15/2020	12/15/2021	E.L. EACH ACCIDENT	\$ 2,000,000
0	C OFFICER/MEMBER EXCLUDED?			WCF00012185	12/13/2020	12/13/2021	E.L. DISEASE - EA EMPLOYEE	\$ 2,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - POLICY LIMIT	\$ 2,000,000
DES	CRIPTION OF OPERATIONS / LOCATIONS / VEHICLI	ES (AC	ORD 1	01, Additional Remarks Schedule, may be a	ttached if more s	pace is required)	•	

ACORD 25 (2016/03)

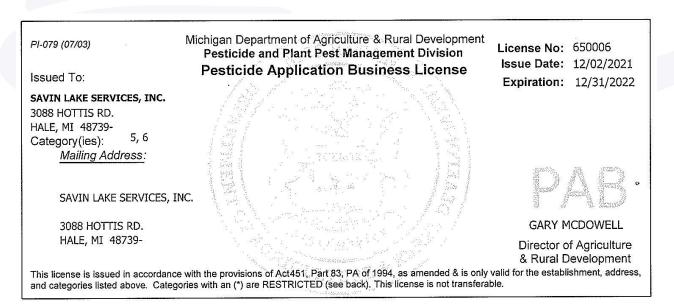
The ACORD name and logo are registered marks of ACORD



#### (Commercial Pesticide Applicator License):

A REAL PROPERTY OF THE PROPERT	and Rui PC Lansing, COMMERCIAL This certificate issi	artment of Agriculture ral Development D. Box 30017 Michigan 48909 PESTICIDE APPLICATOR ued in accordance with Act 451, 1994. Part 83 as amended.
EFTON P E	BARBER	
Categories:	56	
C00409007 Certification Number	6	12/31/2024 Expires

# (MDARD Pesticide Application Business License):





# Savin Lake Services Equipment Listing & Team Members:

#### EQUIPMENT:

- 12' Semi V hull aluminum pond treatment boat with 8HP Mercury outboard
- 12' Semi V hull aluminum pond treatment boat with 10HP Mercury outboard
- 14' Semi V hull aluminum lake & pond treatment boat with 15HP Mercury outboard
- 16' Semi V hull aluminum lake & pond treatment boat with 25HP Mercury outboard
- 19' Carolina Skiff fiberglass lake treatment boat with 60 HP Mercury outboard
- 16' Carolina Skiff fiberglass lake treatment boat with 60 HP Mercury outboard
- 17' Semi V hull aluminum lake & pond treatment boat with 40 HP Mercury outboard
- 20' Semi V hull aluminum lake treatment boat with 90HP Mercury outboard
- 20' Classic lake treatment airboat with Chevy 350 C.I. marine engine
- 2017 Chevrolet Tahoe with V Max trailering package
- 2017 Chevrolet Equinox AWD with trailering package
- 2016 Chevrolet Silverado 1/2 Ton 4x4 Crew Cab Truck
- 2014 Chevrolet Silverado 1/2 Ton-4x4 Extended Cab Truck
- 2011 Chevrolet Silverado <sup>1</sup>/<sub>2</sub> Ton-4x4 Extended Cab Truck
- (2) 2011 Chevrolet Silverado 1 Ton 4 x 4 Duramax Diesel Crew Cab Trucks
- 2010 Chevrolet Silverado <sup>3</sup>/<sub>4</sub> Ton 4 x 4 Duramax Diesel Crew Cab Truck
- 2007 Chevrolet Silverado <sup>3</sup>/<sub>4</sub> Ton 4 x 4 Crew Cab Truck
- 2006 Chevrolet Kodiak 3 Ton 4 x 4 Duramax Diesel Crew Cab Truck
- 2004 Chevrolet Silverado <sup>1</sup>/<sub>2</sub> Ton 4 x 4 Extended Cab Truck
- 2003 Chevrolet S-10 4 x 4 Extended Cab Truck
- Liquid spray equipment including tanks, hoses, pumps, spray guns, etc.
- GPS coordinate mapping & application capabilities.
- Aquarius Systems H-220 Harvester (280 cubic feet capacity) 5 ft. cutter head width
- Aquatics Unlimited Harvester (220 cubic feet capacity) 8 ft. cutter head width
- Aquamarine H-650 Harvester (650 cubic feet capacity)- 8 ft. cutter head width
- (2) Aquarius Systems HM-420 Harvester (440 cubic feet capacity) 7 ft cutter head width
- Vegetation Harvester (pontoon platform) for cut / float retrieval 3 ft cutter head width

#### **TEAM MEMBERS:**

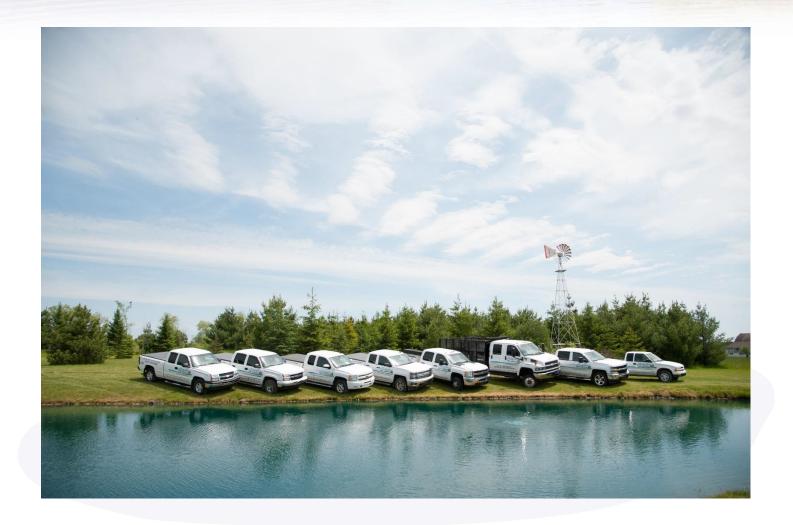
- Guy Savin President & Commercially Certified Applicator since 2004
- Paul Barber Sales and Market Development Manager & Commercially Certified Applicator since 2009
- Matt Novotny Operations Manager/Environmental Scientist & Commercially Certified Applicator since 2012
- Seth Gibson Environmental Scientist/ Fisheries Biologist/ Regional Lakes Manager
- Mike Kujawa Pond Services Manager, and Commercially Certified Applicator since 2010
- Rhonda Sumeracki Office Manager
- Scott Miller Harvesting Operations Supervisor & Certified Marine Mechanic
- Justin Tenbusch Commercially Certified Applicator since 2016
- Mark Halfacre Commercially Certified Applicator since 2018
- Dario Martinez Commercially Certified Applicator since 2020
- Caleb Barber Posting Crew Member & Harvester Operator
- Mark Hooper Posting Crew Member & Harvester Operator
- Anthony Scott Posting Crew Member & Harvester Operator
- Sean Molloy Harvester Operator
- Phillip Duchene Harvester Operator
- Steven Obuch Harvester Operator













# 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 - 2021 (Contracted through 2021)

**TOTAL CONTRACT COST:** \$575,000.00

#### **PROJECT DESCRIPTION**

The history between Savin Lake Services and Fife Lake actually dates back 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 2021 season.



# EXPERIENCE AND REFERENCES (Continued):

#### 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

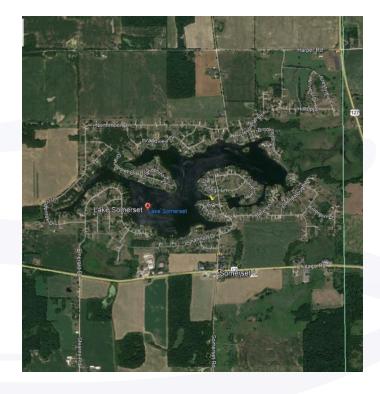
# PROJECT DURATION: 2018 – 2023

**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 this year for another three (3) years.





# WALLED LAKE AQUATIC VEGETATION CONTROL

# CLIENT:

Walled Lake Improvement Board Mr. David Galloway - Riparian Owner Representative 1197 East Lake Drive Novi, MI 48377 Home: 248-496-6601

LOCATION: Oakland County, Michigan

#### **KEY SERVICES PROVIDED:** Lake Management Nuisance Weed Control 2,4-D granular application Diquat Dibromide liquid application Aquatic Vegetation Harvesting

**PROJECT DURATION:** 2011 – 2021 (Automatically Renewing Contract through 2021)

**TOTAL CONTRACT COST:** \$725,000.00

# **PROJECT DESCRIPTION**

Lily Pad Control

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.

