

# **AGENDA**

## **WALLED LAKE LAKE IMPROVEMENT BOARD MEETING**

**March 10, 2015  
6:30 PM**

**Novi Civic Center  
45175 W. Ten Mile Road**

- I. Call Meeting to Order
- II. Roll Call
- III. Public Comment
- IV. Approval of Minutes of September 17, 2014 meeting
- V. Treasurer's Report
- VI. Discussion of New Special Assessment Roll
  - A. Review of current assessment roll
  - B. Provide direction to City Assessor on preparation of new roll
  - C. Set date for next meeting and public hearing on roll
- VII. Public Comment
- VIII. Other Business
- IX. Adjournment

Please visit [www.cityofnovi.org/lakeboard](http://www.cityofnovi.org/lakeboard) for additional information

WALLED LAKE  
LAKE IMPROVEMENT BOARD MEETING *DRAFT* MINUTES  
September 17, 2014

The meeting of the Lake Improvement Board for Walled Lake was held at the Novi Civic Center at 45175 W. 10 Mile Road on September 17, 2014. The meeting was called to order by Dave Galloway, Chairman, at 4:01 p.m.

Present: Casey Ambrose, City of Walled Lake  
Brian Coburn, Secretary-Treasurer, City of Novi  
Kathy Crawford, Oakland County Board of Commissioners Representative  
Dave Galloway, Chairman and Riparian Representative  
Karen Warren, Oakland County Water Resource Commissioner's Office

Also

Present: Mark Roberts (Attorney, Secrest Wardle),

Chairman Galloway opened the meeting and then asked for Public Comment. There was no member of the public that spoke.

**Moved by Crawford, Supported by Ambrose; CARRIED UNANIMOUSLY: To approve the Minutes of December 11, 2013 meeting.**

Secretary-Treasurer Coburn presented the Treasurer's Reports for the year end for 2013 and first and second quarters of 2014. The balance on hand as of June 30, 2013 is \$157,451.87.

**Moved by Crawford, Supported by Ambrose; CARRIED UNANIMOUSLY: To accept the Treasurer's Reports as presented.**

Secretary-Treasurer Coburn stated that the City is required to review and certify the delinquent assessments as required by the statute. He presented the delinquent assessments that were provided by the Treasurer of each City along with a copy of Resolution 3.

**Moved by Coburn, Supported by Ambrose; CARRIED UNANIMOUSLY: To certify the delinquent amounts, plus interest, to the City Assessor for each City for presentation to each City Council for placement on the winter tax roll for collection.**

Galloway provided an update on the 2014 treatments on the lake. He reported that the lake is cleaner and busier thanks to the previous treatments. He reported that there are more native weeds in the lake so there may be a need for harvesting next year instead of herbicide because of DNR restrictions on how to treat native weeds. He also reported that there was an early algae bloom, but worked with Savin to treat it quickly before it became a problem. Finally, he noted that there were no fish kills in the lake like what was experienced in other lakes.

Coburn presented the proposed 2015 budget for consideration by the Board. He also noted that the Board has a sizeable surplus because of the decreased amount of treatment needed on the lake. Attorney Roberts stated that the surplus could be used to decrease the amount of the assessments on the next assessment roll. Coburn reminded the Board that the Novi City Council will hold a public hearing in January 2015 to discuss the future of the Lake Board as established in the original resolution to create the Board.

**Moved by Crawford, Supported by Coburn; CARRIED UNANIMOUSLY: To approve the Walled Lake Improvement Board 2015 budget as presented.**

Crawford asked Attorney Roberts about the process going forward with the new roll. Roberts responded that if the Board continues with the same project, there will not be a requirement for a public hearing on the project, but only a public hearing on the roll.

Coburn inquired if Galloway was satisfied with the work performed by Savin Lake Services over the past year. Galloway said he was satisfied and would recommend using Savin again next year.

**Moved by Coburn, Supported by Crawford; CARRIED UNANIMOUSLY: To exercise the option to extend the 2012 contracts with Savin Lake Services for herbicide and harvesting of Walled Lake in 2015 under the terms of the 2012 agreement.**

There were no members of the public present to speak during public comment.

**ADJOURNMENT:** There being no further business to come before the Lake Board, the meeting was adjourned at 4:42 p.m.

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Brian Coburn, Secretary-Treasurer

**WALLED LAKE IMPROVEMENT BOARD  
2014 ANNUAL REPORT**

<b>BALANCE ON HAND: 01/01/14      \$91,549.71</b>
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<b>INCOME</b>	<b><u>Annual Total</u></b>	<b><u>Notes</u></b>
2012 Assessments (City of Novi)	\$ 58,659.13	1
2012 Assessments (City of Walled Lake)	\$ 36,695.30	2
<b>TOTAL INCOME</b>	<b>\$ 95,354.43</b>	
<b>EXPENSES (see detail below)</b>		
Herbicide and Harvesting	\$ 54,195.00	
Lake Management Consultant	\$ 4,750.00	
Permit Fee	\$ 3,000.00	
Administrative & Legal	\$ 2,196.60	
<b>TOTAL EXPENSES</b>	<b>\$ 64,141.60</b>	

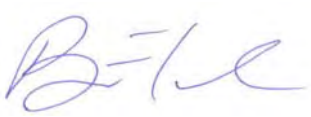
<b>BALANCE ON HAND: 12/31/14      \$122,762.54</b>
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**Notes**

- 1 Novi payment includes assessments paid to date all pre-payments.
- 2 Walled Lake pays the assessment in full each year to the Lake Board

**EXPENSE DETAIL FOR 2014**

<b><u>Description</u></b>	<b><u>Invoice No.</u></b>	<b><u>Vendor</u></b>	<b><u>Amount</u></b>
Legal Services through December 31, 2013	1246142	Secrest Wardle	\$ 390.00
DEQ Permit Fee	2637	Savin Lake Services	\$ 1,500.00
Herbicide Treatment	2802	Savin Lake Services	\$ 26,640.00
Herbicide Application	2850	Savin Lake Services	\$ 27,555.00
Vegetation and Water Quality Study	2702	Savin Lake Services	\$ 4,750.00
Legal Services through July 31, 2014	1254496	Secrest Wardle	\$ 26.00
Legal Fees	1257557	Secrest Wardle	\$ 280.60
Lake Progress Report	2903	Savin Lake Services	\$ 1,500.00
DEQ Permit Fee	2897	Savin Lake Services	\$ 1,500.00
<b>TOTAL EXPENSES To Date</b>			<b>\$ 64,141.60</b>

  
 Submitted by \_\_\_\_\_  
 Brian Coburn, Secretary/Treasurer  
 Walled Lake Improvement Board

**WALLED LAKE IMPROVEMENT BOARD  
 QUARTERLY TREASURER'S REPORT  
 as of 3/5/15**

<b>BALANCE ON HAND: 12/31/14 \$122,762.54</b>
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<b>INCOME</b>	<u>Quarter</u>	<u>YTD</u>	<u>Budget</u>	<u>Variance</u>	<u>Notes</u>
Assessments (City of Novi)	\$ 49,834.35	\$ <b>49,834.35</b>	\$ 60,739.00	(\$10,904.65)	1
Assessments (City of Walled Lake)		\$ -	\$ 36,695.30	(\$36,695.30)	
<b>TOTAL INCOME</b>	<b>\$ 49,834.35</b>	<b>\$ 49,834.35</b>	<b>\$97,434.30</b>	<b>(\$47,599.95)</b>	
<b>EXPENSES (see detail below)</b>					
Herbicide and Harvesting		\$ -	\$ 72,820.00	\$ 72,820.00	
Lake Management Consultant		\$ -	\$ 5,000.00	\$ 5,000.00	
Permit Fee		\$ -	\$ 2,000.00	\$ 2,000.00	
Administrative & Legal	\$ 169.00	\$ 169.00	\$ 3,000.00	\$ 2,831.00	
<b>TOTAL EXPENSES</b>	<b>\$ 169.00</b>	<b>\$ 169.00</b>	<b>\$ 82,820.00</b>	<b>\$ 82,651.00</b>	

<b>BALANCE ON HAND: 03/05/15 \$172,427.89</b>
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**Notes**

1 Novi payment includes assessments paid to date to Novi

**EXPENSE DETAIL FOR Q1-2015**

<u>Description</u>	<u>Invoice No.</u>	<u>Vendor</u>	<u>Amount</u>
Legal Services through 12/31/14	1260149	Secret Wardle	\$ 104.00
Legal Services through 1/31/15	1261643	Secret Wardle	\$ 65.00

Submitted by \_\_\_\_\_

Brian Coburn, Secretary/Treasurer  
 Walled Lake Improvement Board







# MEMORANDUM

**TO:** WALLED LAKE IMPROVEMENT BOARD  
**FROM:** BRIAN COBURN, P.E.; SECRETARY/TREASURER *BTC*  
**SUBJECT:** FINANCIAL PROJECTION FOR WALLED LAKE ASSESSMENT  
**DATE:** MARCH 5, 2015

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To date, the Lake Board has collected \$473,740.87, of which \$30,000 was a contribution from the City of Novi, and the Lake Board has spent \$298,143.98. The table below summarizes the financials by year and the attached financial reports provide additional detail in this regard.

*Financial Summary for Walled Lake Improvement Board to date*

Year*	Income	Expenses	Ending Balance	Notes
2010	\$0.00	\$42,953.84	(\$42,953.84)	Expenses incurred before assessment
2011	\$131,731.43	\$50,995.81	\$37,781.78	Includes the first year of assessment
2012	\$104,192.26	\$113,337.38	\$28,636.66	
2013	\$92,628.40	\$29,715.35	\$91,549.71	
2014	\$95,354.43	\$61,141.60	\$125,762.54	
2015	\$49,834.35	\$169.00	\$172,427.89	To date as of 3/5/15
<b>TOTAL</b>	<b>\$473,740.87</b>	<b>\$298,312.98</b>		

\*Collected on the December tax bill of the previous year for use in the year listed.

The assessment roll that was adopted by the Lake Board was for a period of five years and the Board will collect an additional \$43,430.36 in 2015 (from the December 2014 tax bill). The anticipated collection for 2015 has been adjusted to reflect that some properties have already paid in full for the five-year assessment. It is estimated that the Lake Board will have a balance of approximately \$136,000 at the end of 2015.

At the our last meeting, the Board directed me to ask Savin Lake Services to prepare the attached report summarizing the treatments to date and to look ahead at the next six years to provide budgeting recommendations. Savin recommends a budget of \$80,000 to \$90,000 each of the next six years for treatment of Walled Lake. The attached tables show projected budgets for the next six years.

The current assessment roll assigns units of benefit using the following criteria:

- Condos with common lake access 0.1 unit
- Backlots with lake access 0.2 unit
- Condos with direct lake access 0.75 unit
- Riparian lots with less than 95 feet of lake frontage 1.0 unit
- Riparian lots with more than 95 feet of lake frontage 1.5 units
- Commercial parcels with lake frontage 3.0 units

The projected expenses for the next five years of assessment is approximately \$472,500. The projected balance at the end of 2015 is estimated to be \$135,800, which reduces the revenue requirement in the next assessment to approximately \$336,700. If the same

assignment for units of benefit is used, the assessment for unit of benefit would be reduced from \$192.12 per year per unit to \$133.14, a reduction of approximately 30%. The table below shows the estimated assessment per year for each type of lot based on the current assignment.

<u>Units</u>	<u>Proposed Assessment</u>	<u>Current Assessment</u>
0.1	\$13.31	\$19.21
0.2	\$26.63	\$38.42
0.75	\$99.85	\$144.09
1	\$133.14	\$192.12
2	\$199.71	\$288.18
3	\$399.42	\$576.37

If the Board decides to revise the criteria to assign the units of benefit, the proposed assessment would change based on the revised number of units and the revenue requirement.

The new assessment roll would require a mailing to each property owner, a public hearing in front of the Lake Board and a resolution by the Lake Board to proceed with the new assessment roll pursuant to the requirements in the statute.



**FINANCIAL SUMMARY OF CURRENT FIVE-YEAR ASSESSMENT  
WALLED LAKE IMPROVEMENT BOARD**

	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>ESTIMATED 2015</u>	<u>TOTAL</u>
<b>INCOME</b>						
City of Novi Contribution	\$30,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$30,000.00
Assessments (City of Novi)	\$65,038.25	\$67,496.96	\$55,933.10	\$58,659.13	\$56,569.41	\$303,696.85
Assessments (City of Walled Lake)	\$36,693.18	\$36,695.30	\$36,695.30	\$36,695.30	\$36,695.30	\$183,474.38
<b>TOTAL INCOME</b>	<b>\$131,731.43</b>	<b>\$104,192.26</b>	<b>\$92,628.40</b>	<b>\$95,354.43</b>	<b>\$93,264.71</b>	<b>\$517,171.23</b>
<b>EXPENSES</b>						
Herbicide and Harvesting	\$47,715.00	\$106,050.00	\$27,578.25	\$54,195.00	\$70,703.00	\$306,241.25
Engineering Services	\$16,865.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16,865.00
Lake Management Consultant	\$0.00	\$3,000.00	\$0.00	\$4,750.00	\$5,000.00	\$12,750.00
Permit Fee	\$800.00	\$1,500.00	\$1,500.00	\$3,000.00	\$1,500.00	\$8,300.00
Administrative & Legal	\$28,569.65	\$2,787.38	\$637.10	\$2,196.60	\$3,000.00	\$37,190.73
<b>TOTAL EXPENSES</b>	<b>\$93,949.65</b>	<b>\$113,337.38</b>	<b>\$29,715.35</b>	<b>\$64,141.60</b>	<b>\$80,203.00</b>	<b>\$381,346.98</b>
<b>BALANCE ON HAND</b>	<b>\$37,781.78</b>	<b>\$28,636.66</b>	<b>\$91,549.71</b>	<b>\$122,762.54</b>	<b>\$135,824.25</b>	<b>Final Balance</b>

**PROPOSED BUDGETS FOR NEW FIVE-YEAR ASSESSMENT 2016-2020  
WALLED LAKE IMPROVEMENT BOARD**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>TOTAL</u>
<b>INCOME</b>						
Assessments (City of Novi)	\$41,998.76	\$41,998.76	\$41,998.76	\$41,998.76	\$41,998.76	\$209,993.80
Assessments (City of Walled Lake)	\$25,336.39	\$25,336.39	\$25,336.39	\$25,336.39	\$25,336.39	\$126,681.95
<b>TOTAL INCOME</b>	<b>\$67,335.15</b>	<b>\$67,335.15</b>	<b>\$67,335.15</b>	<b>\$67,335.15</b>	<b>\$67,335.15</b>	<b>\$336,675.75</b>
<b>EXPENSES</b>						
Herbicide and Harvesting	\$80,000.00	\$85,000.00	\$85,000.00	\$90,000.00	\$90,000.00	\$430,000.00
Engineering Services	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lake Management Consultant	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$25,000.00
Permit Fee	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$7,500.00
Administrative & Legal	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$6,000.00	\$10,000.00
<b>TOTAL EXPENSES</b>	<b>\$87,500.00</b>	<b>\$92,500.00</b>	<b>\$92,500.00</b>	<b>\$97,500.00</b>	<b>\$102,500.00</b>	<b>\$472,500.00</b>
<b>BALANCE ON HAND</b>	<b>\$115,659.40</b>	<b>\$90,494.55</b>	<b>\$65,329.70</b>	<b>\$35,164.85</b>	<b>\$0.00</b>	

## Walled Lake

### 2011 - 2014 Treatment Review and 2015 - 2020 Recommendations

#### 2011 Summary

In 2011 Savin Lake Services harvested Eurasian Watermilfoil at two different times. The first cut resulted in 102 acres being removed. The 2<sup>nd</sup> harvest removed 21.5 acres of vegetation.





**2012 Summary:**

Savin first used aquatic herbicides in 2012. The product used was 2-4 D, which specifically targets Eurasian Watermilfoil systemically leaving native plants unharmed. Savin applied 2-4 D to Walled Lake twice in 2012. On June 6<sup>th</sup> Savin treated 117 acres. On September 26<sup>th</sup>, 49 acres were treated. Additionally in 2012, harvesting also occurred in the middle of June resulting in 75 acres of Eurasian Watermilfoil being removed from the waterbody. (*Below- June 6<sup>th</sup> 2-4 D Treatment*)

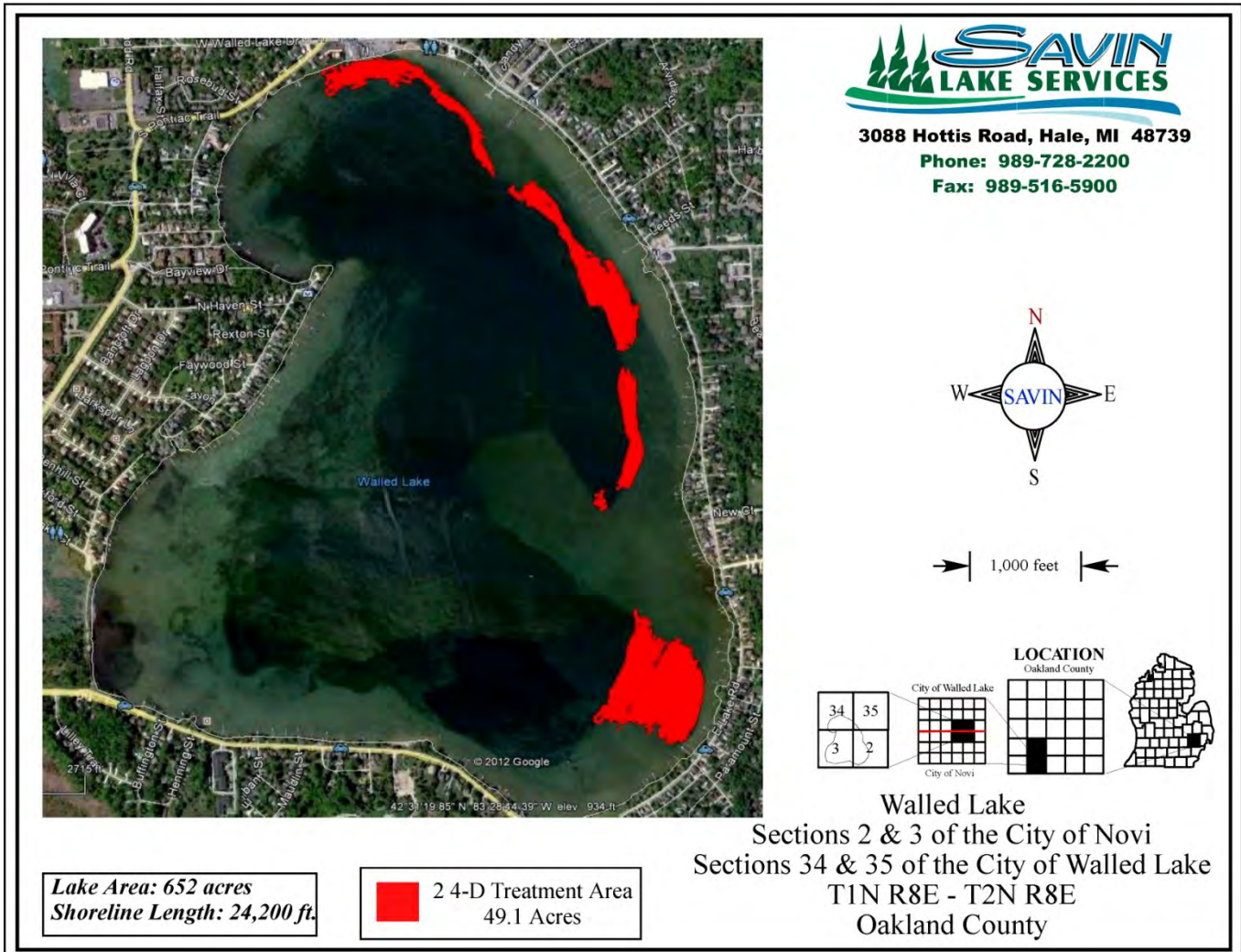
**Application Report**

<b>Job</b>	File: <a href="#">walled lake.rbin</a>
	Firmware: 2.07
<b>Product #2</b>	
<b>Name:</b>	24D
<b>Applied Volume:</b>	17230.0
<b>Applied Area:</b>	116.9 Acres
<b>Target Rate:</b>	150.00
<b>Manufacturer:</b>	
<b>EPA#</b>	
<b>Target Pests:</b>	
<b>NH3 Tank #:</b>	





(September 26<sup>th</sup>, 2012 2-4 D Treatment)







3088 Hottis Rd. Hale, MI 48739    Hale: 989.728.2200    Clare: 989.386.0600    Fax: 989.516.5900

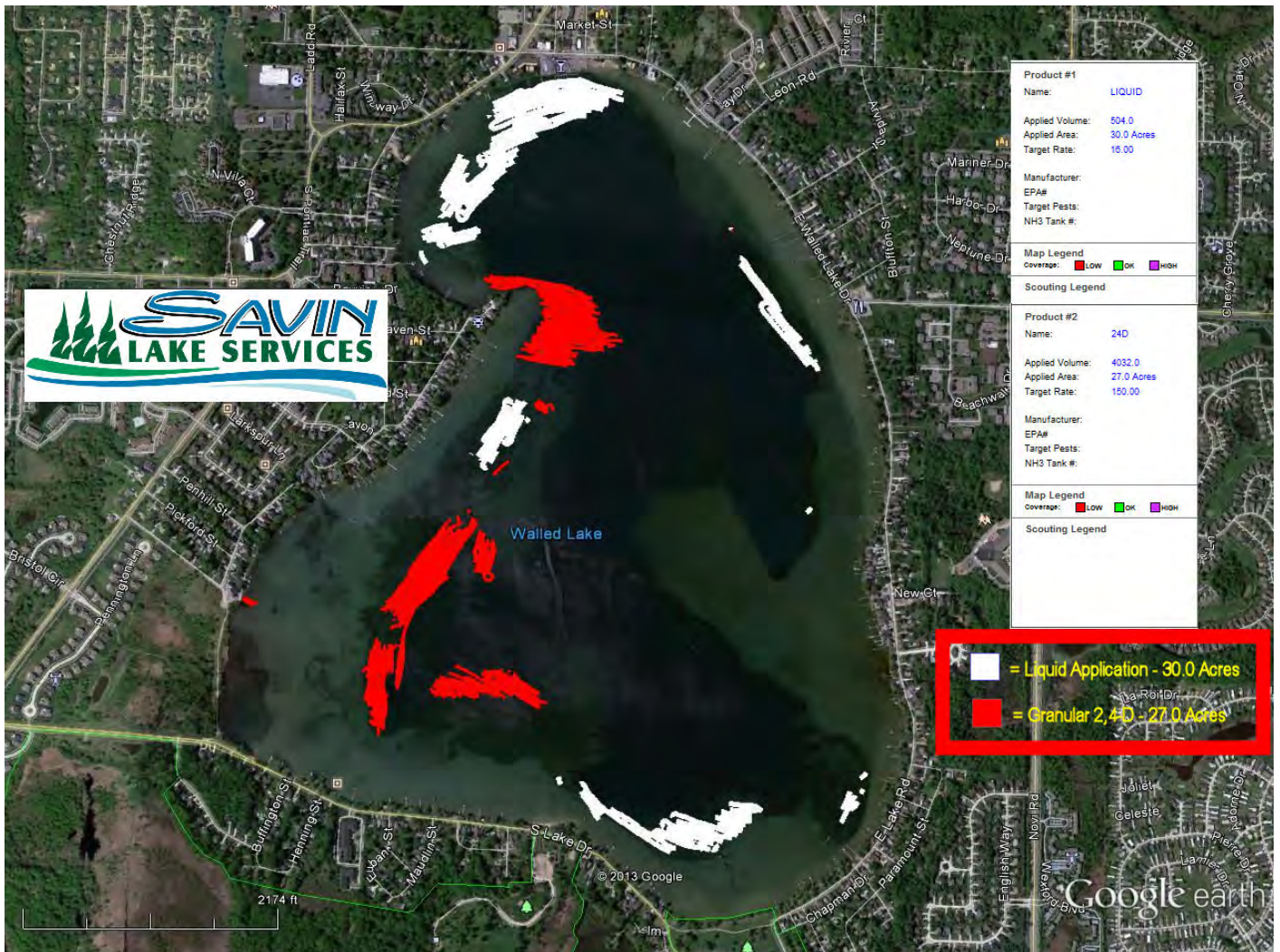
(June 2012 Harvesting)





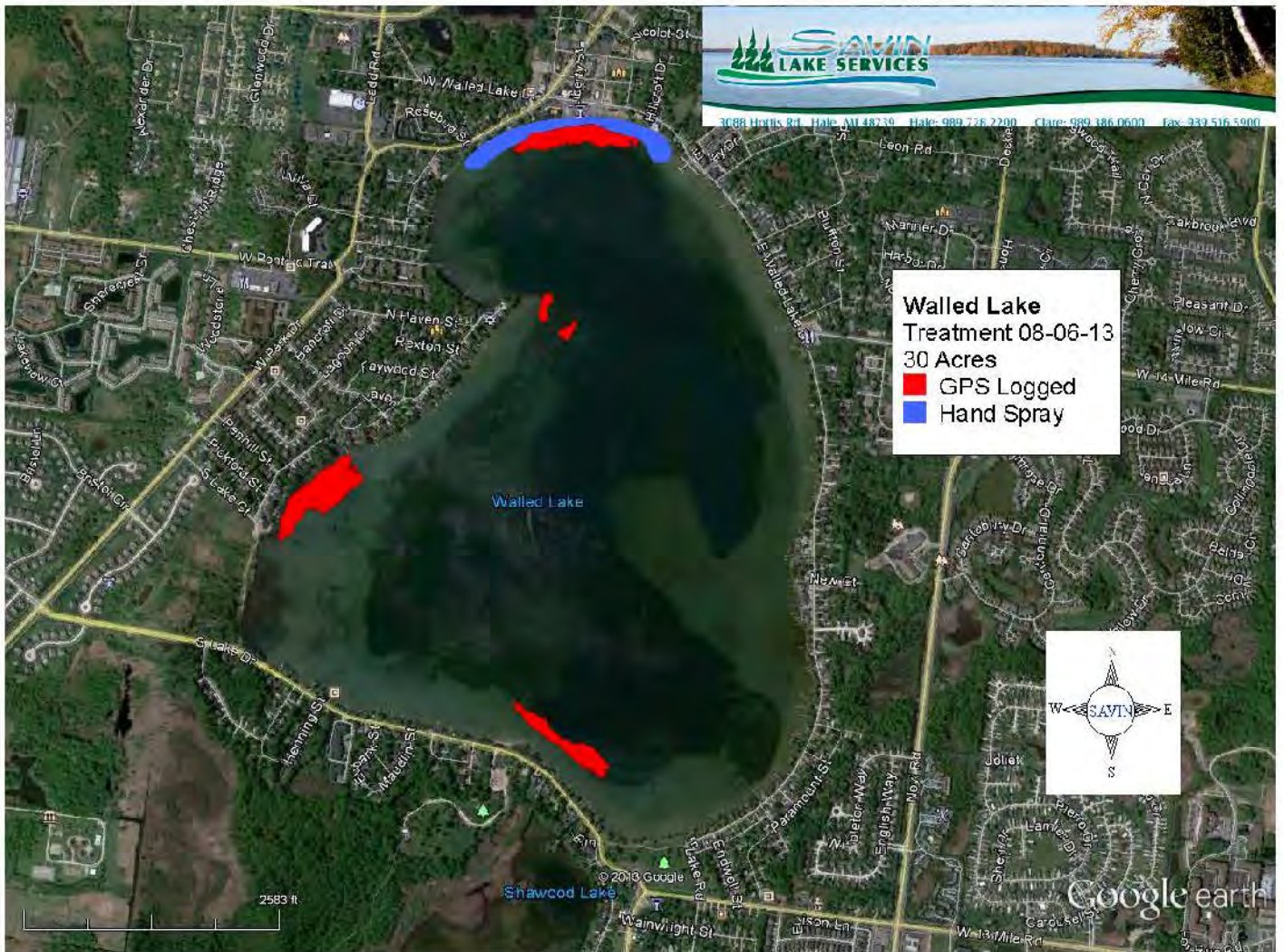
**2013 Summary:**

Harvesting was removed as a treatment option in 2013. Instead, Eurasian Watermilfoil was managed by herbicides alone. On June 11<sup>th</sup>, 27 acres of milfoil was treated systemically with 2-4 D. 30 acres was treated with a liquid contact herbicide. On August 6<sup>th</sup>, a wider range of aquatic vegetation (algae, milfoil, pondweeds, etc) was managed with liquid contact herbicides on 30 acres of Walled Lake.



(June 11<sup>th</sup> 2013 Treatment)





(August 6<sup>th</sup> 2013 Treatment)



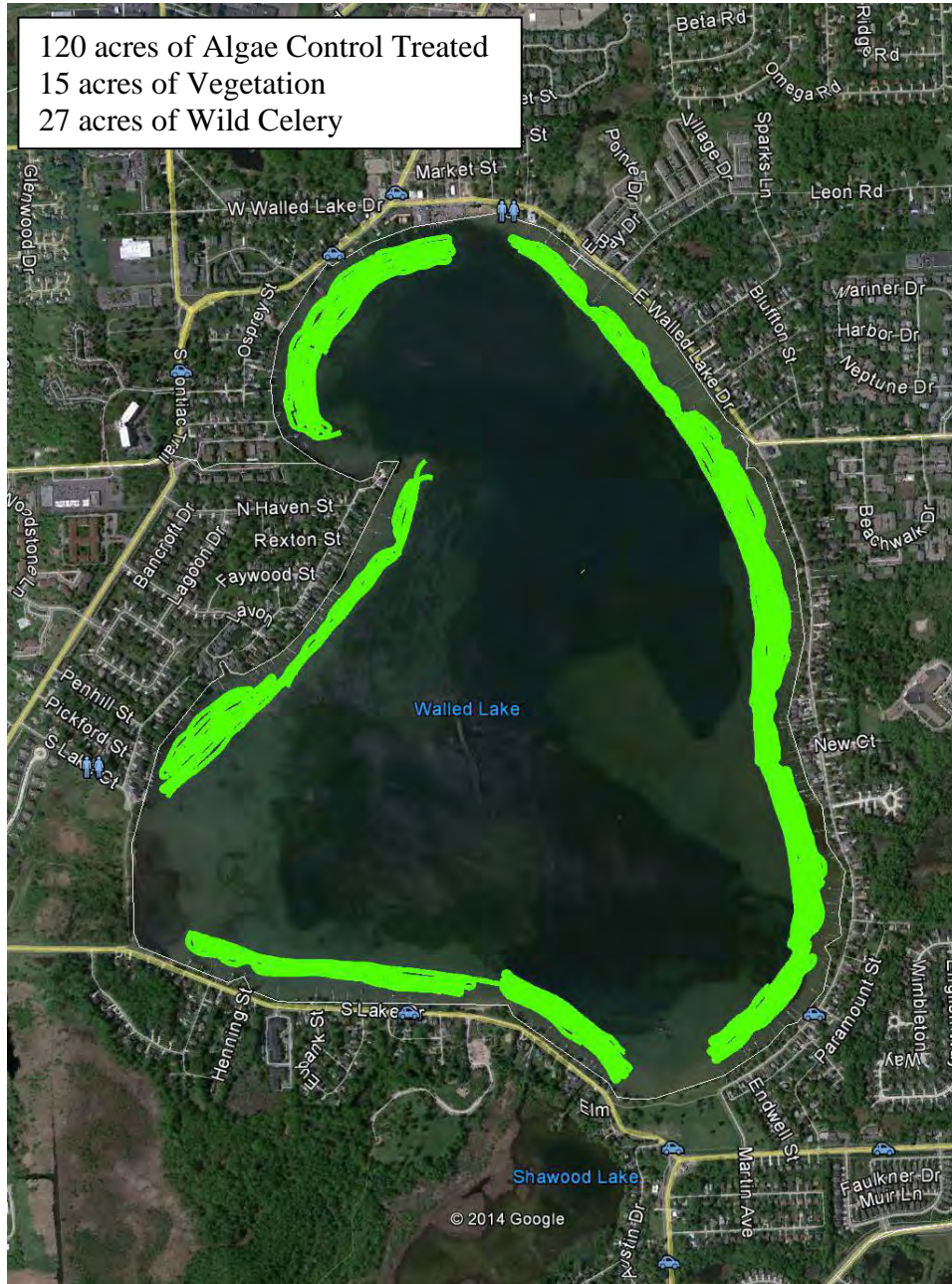
**2014 Summary:**

In 2014, herbicide treatment occurred on June 6<sup>th</sup> and August 20<sup>th</sup>. During the June 6<sup>th</sup> treatment, 112 acres of Walled Lake was treated, primarily for Curly Leaf Pondweed and Eurasian Watermilfoil with contact herbicides. On August 20<sup>th</sup>, 120 acres was treated with herbicides to control Wild Celery, Pondweeds, and Algae.



*(June 6<sup>th</sup> Treatment)*





(August 20<sup>th</sup> Treatment)

### **Future Recommendations for Walled Lake**

There currently exist 3 types of aquatic vegetation that are causes of concern, Eurasian Watermilfoil, Curly Leaf Pondweed, and Wild Celery. Initially, only the milfoil was a nuisance, but as Savin has systemically killed an abundant amount of it, new species are emerging in those areas treated. As such, new means of control must be utilized in order to keep Walled Lake useable to everyone.

The main area of focus is dependent on DEQ restrictions to treatment. While all nuisance species can be controlled with contact herbicides out to 300 feet from shoreline, or the 5 foot depth contour (whichever is closer); only non-native species can be treated outside of this limit, and only once before June 15<sup>th</sup>. Additionally, treating the 3 current types of vegetation of concern may lead to other species taking their place, with a goal of developing native vegetation. While this is a goal, we must factor in all of this information when thinking about future management of Walled Lake.

Eurasian Watermilfoil needs to be managed with systemic herbicides. We would like to see the beds of milfoil to be reduced in such a way that only a few acres exist every year, in which at that point can be controlled with contact herbicides to prohibit their spread. Unfortunately it is very unlikely that milfoil will ever be completely gone from Walled Lake.

Curly Leaf Pondweed exists in many areas of the lake. The management of this plant is relatively easy. Because it is non-native, we can treat this plant outside of the normal 300 feet/5 ft depth restriction before June 15<sup>th</sup>. Additionally, this plant is highly susceptible to herbicides. Once treated, it is highly unlikely to be a nuisance for the remainder of the year although some minor spots might need to be treated an additional time later in the year if allowable.

Although considered native, Wild Celery is a difficult plant to manage with herbicide. We recommend that we continue to manage the Wild Celery and those type of treatments will usually occur in August. In the scope of a large water body with regular winds, wave action, and water movement, the management of wild celery with herbicides becomes even harder. On Walled Lake, we must address the wild celery before it continues to spread.

Looking at the above factors, Savin recommends the following:

- Continue treating Eurasian Watermilfoil with systemic herbicides until a small amount remains that can be managed with contact herbicides.
- Treat Curly Leaf Pondweed prior to June 15<sup>th</sup> to ensure all the beds can be treated.
- Implement harvesting into management options, in order to control native vegetation offshore (wild celery and anything new that emerges).
- Treat Wild Celery with herbicides as needed, and where permitted.





3088 Hottis Rd. Hale, MI 48739    Hale: 989.728.2200    Clare: 989.386.0600    Fax: 989.516.5900

### Future Budget Recommendations for Walled Lake

We anticipate that the following (6) years budgets should be established as follows:

The numbers are based on our experience and the following plan in each year.

- (30 – 40) acres of herbicide treatment of Wild Celery.
- (10 – 20) acres of herbicide treatment for milfoils with systemic products (like 2-4D).
- (120 – 150) acres of herbicide treatment with diquat for Curly Leaf pondweed / milfoil.
- (120 – 150) acres of algae control in near shoreline areas.
- (50 – 75) acres of harvesting in offshore areas that cannot be managed with herbicides.

2015	\$ 80,000.00
2016	\$ 80,000.00
2017	\$ 85,000.00
2018	\$ 85,000.00
2019	\$ 90,000.00
2020	\$ 90,000.00

Savin Lake Services is pleased to provide these recommendations to the Walled Lake Improvement Board for the upcoming 2015 through the 2020 lake management seasons.

Please let us know if you have any questions.

Sincerely,

Guy Savin – President  
Savin Lake Services Inc.



**WALLED LAKE IMPROVEMENT BOARD**  
**EXPENDITURES TO DATE**  
as of 12/31/10

<u>Approval Date</u>	<u>Description</u>	<u>Inv No.</u>	<u>Vendor</u>	<u>Amount</u>
2/11/2009	Opening Balance			
9/23/2009	Legal Services through 5/31/09	1190502	Secrest Wardle	\$ 696.00
9/23/2009	Legal Services through 6/30/09	1191901	Secrest Wardle	\$ 588.65
9/23/2009	Legal Services through 8/31/09	1193552	Secrest Wardle	\$ 204.00
9/23/2009	Progress Payment for Engineering Study	0057727	Spalding DeDecker	\$ 12,892.00
11/5/2009	Legal Services through 9/30/09	1194483	Secrest Wardle	\$ 636.65
11/5/2009	Public Hearing Notice 10/14/09	s1795710	Spinal Column Newsweekly	\$ 143.75
11/5/2009	Public Hearing Notice 10/21/09	s1797070	Spinal Column Newsweekly	\$ 143.75
3/25/2010	Legal Services through 10/31/09	1195368	Secrest Wardle	\$ 876.00
3/25/2010	Legal Services through 11/30/09	1196397	Secrest Wardle	\$ 888.00
3/25/2010	Legal Services through 12/31/09	1196918	Secrest Wardle	\$ 2,776.30
3/25/2010	Legal Services through 1/31/10	1197953	Secrest Wardle	\$ 2,432.43
3/25/2010	Final Payment for Engineering Study	0058404	Spalding DeDecker	\$ 3,223.00
3/25/2010	Public Hearing Notice 10/15/09	3430943	Observer & Eccentric	\$ 170.30
3/25/2010	Public Hearing Notice 10/22/09	3730943	Observer & Eccentric	\$ 170.30
3/25/2010	Notice of Resolution Published	S1800040	Spinal Column Newsweekly	\$ 35.94
3/25/2010	Public Hearing Notice 03/10/10	S1812640	Spinal Column Newsweekly	\$ 227.62
3/25/2010	Notice of Resolution Published	3432469	Observer & Eccentric	\$ 78.60
5/20/2010	March 2010 Postage for Public Hearing Notice		City of Novi	\$ 320.76
5/20/2010	May 2010 Postage for Public Hearing Notice		City of Novi	\$ 236.72
5/20/2010	Legal Services through 2/28/10	1198609	Secrest Wardle	\$ 840.00
5/20/2010	Legal Services through 3/31/10	1199449	Secrest Wardle	\$ 1,667.00
5/20/2010	Legal Services through 4/30/10	1200500	Secrest Wardle	\$ 2,424.00
5/20/2010	Public Hearing Notice 3/17/10	S1813180	Spinal Column Newsweekly	\$ 227.62
5/20/2010	Public Hearing Notice 5/5/10	S1821300	Spinal Column Newsweekly	\$ 227.62
5/20/2010	Public Hearing Notice 5/12/10	s1821660	Spinal Column Newsweekly	\$ 227.62
6/17/2010	June 2010 Postage for Public Hearing Notice			\$ 245.08
6/17/2010	Public Hearing Notice 6/2/10	S1824170	Spinal Column Newsweekly	\$ 149.75
6/17/2010	Public Hearing Notice	3438175	Observer & Eccentric	\$ 471.60
6/17/2010	Legal Services through 5/31/10	1201096	Secrest Wardle	\$ 2,579.00
6/17/2010	Envelopes for Public Hearing Notices	3228	Allied Media	\$ 239.49
8/19/2010	Public Hearing Notice 6/3/10	3444001	Observer & Eccentric	\$ 235.80
8/19/2010	Public Hearing Notice 6/17/10	3444001	Observer & Eccentric	\$ 235.80
8/19/2010	Notice of Adoption 6/24/10	3444001	Observer & Eccentric	\$ 78.60
8/19/2010	Public Hearing Notice 5/6/10	3442049	Observer & Eccentric	\$ 222.70
8/19/2010	Public Hearing Notice 5/13/10	3442049	Observer & Eccentric	\$ 222.70
8/19/2010	Public Hearing Notice 6/9/10	s1824740	Spinal Column Newsweekly	\$ 149.75
8/19/2010	Notice of Adoption 6/23/10	s1826500	Spinal Column Newsweekly	\$ 35.94
8/19/2010	Legal Services through 6/30/10	1202298	Secrest Wardle	\$ 1,967.00
8/19/2010	Legal Services through 7/31/10	1203113	Secrest Wardle	\$ 828.00
8/19/2010	Engineering Services for Presentation	0059701	Spalding DeDecker	\$ 750.00
9/30/2010	Legal Services through 08/31/10	1204119	Secrest Wardle	\$ 696.00
11/18/2010	Legal Services through 09/30/10	1205059	Secrest Wardle	\$ 467.50
12/31/2010	Legal Services through 10/31/10	1206014	Secrest Wardle	\$ 95.50
12/31/2010	Legal Services through 11/30/10	1207449	Secrest Wardle	\$ 929.00
<b>TOTAL EXPENSES as of 12/31/10</b>				<b>\$ 42,953.84</b>

**WALLED LAKE IMPROVEMENT BOARD  
2011 ANNUAL REPORT**

<b>BALANCE ON HAND:</b>	<b>01/01/11</b>	<b>(\$42,953.84)</b>
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<b>INCOME</b>	<u>Annual Total</u>
City of Novi Contribution	\$ 30,000.00
Assessments (City of Novi)**	\$ 65,326.43
Assessment Refunds****	\$ (288.18)
Assessments (City of Walled Lake)	\$ 36,693.18

**TOTAL INCOME** **\$ 131,731.43**

<b>EXPENSES</b>	
Herbicide Treatment	\$ 13,515.00
Mechanical Weed Harvesting	\$ 34,200.00
Engineering Services	\$ -
Permit Fee	\$ 800.00
Administrative & Legal	\$ 2,480.81

**TOTAL EXPENSES** **\$ 50,995.81**

<b>BALANCE ON HAND:</b>	<b>12/31/11</b>	<b>\$37,781.78</b>
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\*\*Includes income attributable to future years due to early payoff in Novi.

\*\*\*Walled Lake paid the assessed amount in full for 2011 to Lake Board and does not reflect actual collection

\*\*\*\*A result of Lake Board action (see 9/28/11 minutes ref. 22-03-326-002, 11/9/11 minutes for 22-03-204-007)

**EXPENSE DETAIL FOR 2011**

<u>Description</u>	<u>Invoice No.</u>	<u>Vendor</u>	<u>Amount</u>
Legal Services through 12/31/10	1207868	Secret Wardle	\$ 84.00
Legal Services through 1/31/11	1208889	Secret Wardle	\$ 192.00
Legal Services through 2/28/11	1210015	Secret Wardle	\$ 31.80
DEQ Permit Fee	11-0012	LakePro	\$ 800.00
Herbicide Treatment	11-0227	LakePro	\$ 10,440.00
Herbicide Treatment	11-0333	LakePro	\$ 3,075.00
Mechanical Weed Harvesting	2169	Savin Lake Service	\$ 34,200.00
Legal Services through 6/30/11	1214177	Secret Wardle	\$ 363.88
Legal Services through 7/31/11	1214913	Secret Wardle	\$ 592.48
Legal Services through 8/31/11	1215912	Secret Wardle	\$ 72.00
Legal Services through 9/30/11	1216822	Secret Wardle	\$ 768.00
Legal Services through 11/30/11	1219013	Secret Wardle	\$ 376.65
<b>TOTAL EXPENSES</b>			<b>\$ 50,995.81</b>

Partial Refund for 50-22-03-326-002 (see 9/28/11 minutes) \$ 96.06

Refund for 50-22-03-204-007 (see 11/9/11 minutes) \$ 192.12

**TOTAL REFUNDS** **\$ 288.18**

Submitted by \_\_\_\_\_



Brian Coburn, Secretary/Treasurer  
Walled Lake Improvement Board

**WALLED LAKE IMPROVEMENT BOARD  
2012 ANNUAL REPORT**

<b>BALANCE ON HAND: 01/01/12</b>	<b>\$37,781.78</b>
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<b>INCOME</b>	<b>Annual Total</b>	<b>Notes</b>
2012 Assessments (City of Novi)	\$ 67,496.96	1
2012 Assessments (City of Walled Lake)	\$ 36,695.30	2
<b>TOTAL INCOME</b>	<b>\$ 104,192.26</b>	
<b>EXPENSES (see detail below)</b>		
Herbicide Treatment	\$ 81,900.00	
Mechanical Weed Harvesting	\$ 24,150.00	
Lake Management Consultant	\$ 3,000.00	
Permit Fee	\$ 1,500.00	
Administrative & Legal	\$ 2,787.38	
<b>TOTAL EXPENSES</b>	<b>\$ 113,337.38</b>	

<b>BALANCE ON HAND: 12/31/12</b>	<b>\$28,636.66</b>
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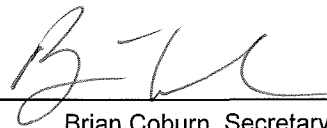
**Notes**

- 1 Novi payment includes assessments paid to date all pre-payments.
- 2 Walled Lake pays the assessment in full each year to the Lake Board

**EXPENSE DETAIL FOR 2012**

<b><u>Description</u></b>	<b><u>Invoice No.</u></b>	<b><u>Vendor</u></b>	<b><u>Amount</u></b>
Legal Services through December 31, 2011	1220022	Secrest Wardle	\$ 653.33
Legal Services through January 31, 2012	1221600	Secrest Wardle	\$ 689.00
Permit Fee	2349	Savin Lake Services	\$ 1,500.00
Legal Services through April 30, 2012	1224676	Secrest Wardle	\$ 351.45
Herbicide Application	2350	Savin Lake Services	\$ 57,750.00
Harvesting	2375	Savin Lake Services	\$ 24,150.00
Herbicide Treatment	2385	Savin Lake Services	\$ 24,150.00
Legal Services through 9/30/12	1229189	Secrest Wardle	\$ 702.60
Lake Survey	2390	Savin Lake Services	\$ 3,000.00
Legal Services through 11/30/12	1231518	Secrest Wardle	\$ 391.00
<b>TOTAL EXPENSES</b>			<b>\$ 113,337.38</b>

Submitted by \_\_\_\_\_



Brian Coburn, Secretary/Treasurer  
Walled Lake Improvement Board



**WALLED LAKE IMPROVEMENT BOARD  
2013 ANNUAL REPORT**

<b>BALANCE ON HAND: 01/01/13</b>	<b>\$28,636.66</b>
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<b>INCOME</b>	<b>Annual Total</b>	<b>Notes</b>
2012 Assessments (City of Novi)	\$ 55,933.10	1
2012 Assessments (City of Walled Lake)	\$ 36,695.30	2
<b>TOTAL INCOME</b>	<b>\$ 92,628.40</b>	
<b>EXPENSES (see detail below)</b>		
Herbicide and Harvesting	\$ 27,578.25	
Lake Management Consultant	\$ -	
Permit Fee	\$ 1,500.00	
Administrative & Legal	\$ 637.10	
<b>TOTAL EXPENSES</b>	<b>\$ 29,715.35</b>	

<b>BALANCE ON HAND: 12/31/13</b>	<b>\$91,549.71</b>
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**Notes**

- 1 Novi payment includes assessments paid to date all pre-payments.
- 2 Walled Lake pays the assessment in full each year to the Lake Board

**EXPENSE DETAIL FOR 2013:**

<b>Description</b>	<b>Invoice No.</b>	<b>Vendor</b>	<b>Amount</b>
DEQ Permit Fee 2013	2415	Savin Lake Services	\$ 1,500.00
Herbicide Treatment	2557	Savin Lake Services	\$ 21,089.25
Herbicide Treatment	2580	Savin Lake Services	\$ 6,489.00
Legal Fees	1240384	Secrest Wardle	\$ 52.00
Legal Fees	1242998	Secrest Wardle	\$ 234.00
Legal Fees for October 2013	1244065	Secrest Wardle	\$ 293.60
Court Document research Jenny Park		Oakland County Access	\$ 5.00
Legal Fees for October 2013	1244065	Secrest Wardle	\$ 293.60
Legal Fees for August 2013	1241865	Secrest Wardle	\$ 52.00
<b>TOTAL EXPENSES To Date</b>			<b>\$ 29,662.85</b>

Submitted by \_\_\_\_\_



Brian Coburn, Secretary/Treasurer  
Walled Lake Improvement Board

**WALLED LAKE IMPROVEMENT BOARD  
2014 ANNUAL REPORT**

<b>BALANCE ON HAND: 01/01/14      \$91,549.71</b>
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<b>INCOME</b>	<b><u>Annual Total</u></b>	<b><u>Notes</u></b>
2012 Assessments (City of Novi)	\$ 58,659.13	1
2012 Assessments (City of Walled Lake)	\$ 36,695.30	2
<b>TOTAL INCOME</b>	<b>\$ 95,354.43</b>	
<b>EXPENSES (see detail below)</b>		
Herbicide and Harvesting	\$ 54,195.00	
Lake Management Consultant	\$ 4,750.00	
Permit Fee	\$ 3,000.00	
Administrative & Legal	\$ 2,196.60	
<b>TOTAL EXPENSES</b>	<b>\$ 64,141.60</b>	

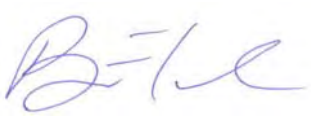
<b>BALANCE ON HAND: 12/31/14      \$122,762.54</b>
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**Notes**

- 1 Novi payment includes assessments paid to date all pre-payments.
- 2 Walled Lake pays the assessment in full each year to the Lake Board

**EXPENSE DETAIL FOR 2014**

<b><u>Description</u></b>	<b><u>Invoice No.</u></b>	<b><u>Vendor</u></b>	<b><u>Amount</u></b>
Legal Services through December 31, 2013	1246142	Secrest Wardle	\$ 390.00
DEQ Permit Fee	2637	Savin Lake Services	\$ 1,500.00
Herbicide Treatment	2802	Savin Lake Services	\$ 26,640.00
Herbicide Application	2850	Savin Lake Services	\$ 27,555.00
Vegetation and Water Quality Study	2702	Savin Lake Services	\$ 4,750.00
Legal Services through July 31, 2014	1254496	Secrest Wardle	\$ 26.00
Legal Fees	1257557	Secrest Wardle	\$ 280.60
Lake Progress Report	2903	Savin Lake Services	\$ 1,500.00
DEQ Permit Fee	2897	Savin Lake Services	\$ 1,500.00
<b>TOTAL EXPENSES To Date</b>			<b>\$ 64,141.60</b>

Submitted by  \_\_\_\_\_

Brian Coburn, Secretary/Treasurer  
Walled Lake Improvement Board