

AGENDA

WALLED LAKE LAKE IMPROVEMENT BOARD MEETING

**November 29, 2016
3:30 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 24, 2015 meeting
- V. Treasurer's Report
- VI. Certification of Delinquent Assessment Reports from Walled Lake and Novi
- VII. Discussion of 2017 Treatments and 2017 Budget
- VIII. Public Comment
- IX. Other Business
- X. Adjournment

Please visit www.cityofnovi.org/lakeboard for additional information

WALLED LAKE
LAKE IMPROVEMENT BOARD MEETING MINUTES
September 24, 2015

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 24, 2015. The meeting was called to order by Dave Galloway, Chairman, at 3:32 p.m.

Present: Casey Ambrose, City of Walled Lake
Brian Coburn, Secretary-Treasurer, City of Novi
Hugh 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, Secret Wardle)

Chairman Galloway opened the meeting with public. One member of the public spoke.

Moved by Crawford, Supported by Coburn; CARRIED 4-0 (Warren Abstained): To approve the Minutes of June 3, 2015 meeting.

Secretary-Treasurer Coburn presented the Treasurer's Reports for the second quarter of 2015.

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

Coburn explained that the statute requires the Board to certify delinquent assessments each year in September. We received a report from City of Novi, but did not receive one from Walled Lake.

Moved by Coburn, Supported by Crawford; CARRIED UNANIMOUSLY: To certify delinquent assessments received from the City of Novi and to allow the Treasurer to certify the delinquent assessments to be provided by the City of Walled Lake on behalf of the Lake Board and to present the report at a future meeting.

Galloway provided a summary of the treatments that have been completed in 2015. There was a treatment in June for curly leaf pondweed and milfoil along with a second treatment for curly leaf pondweed. A survey of the lake was conducted in July and there was starry stonewort discovered in the northern parts of the lake. There was a treatment in July for algae and another two treatments for starry stonewort. Looking ahead there may be a need for more harvesting as the natural weeds make a return now that the invasives are more under control.

Ambrose inquired about the request from some residents about stocking the lake with fish. Attorney Roberts noted that this was not part of the project that was approved by the board and the project would have to be changed to include fish if the Board were to pay for it.

Coburn presented the proposed budget for 2016. The budget relies on using surplus funds to cover activities over the next five years.

Moved by Crawford, Supported by Ambrose; CARRIED UNANIMOUSLY: To approved the 2016 budget as presented.

Galloway opened public comment and there was one member of the public that spoke.

ADJOURNMENT: There being no further business to come before the Lake Board, the meeting was adjourned at 3:55 p.m.

Brian Coburn, Secretary-Treasurer

**WALLED LAKE IMPROVEMENT BOARD
2016 ANNUAL REPORT**

BALANCE ON HAND: 01/01/15	\$174,961.28
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INCOME	<u>Annual Total</u>	<u>Notes</u>
Assessments (City of Novi)	\$ 45,802.96	1
Assessments (City of Walled Lake)	\$ 25,421.39	2
TOTAL INCOME	\$ 71,224.35	
EXPENSES (see detail below)		
Herbicide and Harvesting	\$ 67,049.43	
Lake Management Consultant	\$ 1,250.00	
Permit Fee	\$ 1,500.00	
Administrative & Legal	\$ 34.20	
TOTAL EXPENSES	\$ 69,833.63	

BALANCE ON HAND: 12/31/15	\$176,352.00
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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 2016

<u>Description</u>	<u>Invoice No.</u>	<u>Vendor</u>	<u>Amount</u>
Attorney Fees through 12/31/15	1279125	Secrest Wardle	\$ 34.20
MDEQ Permit Fee	3187	Savin Lake Services	\$ 1,500.00
2016 Water Quality Testing	3267	Savin Lake Services	\$ 1,250.00
Herbicide Treatment	3281	Savin Lake Services	\$ 26,041.50
Herbicide Treatment	3362	Savin Lake Servicesa	\$ 5,547.93
Herbicide Treatment	3388	Savin Lake Services	\$ 35,460.00
TOTAL EXPENSES To Date			\$ 69,833.63

Submitted by _____

George Melistas, Interim Secretary/Treasurer
Walled Lake Improvement Board

**WALLED LAKE IMPROVEMENT BOARD
 QUARTERLY TREASURER'S REPORT
 March 31, 2016**

BALANCE ON HAND: 12/31/15 \$174,961.28

INCOME	<u>Quarter</u>	<u>YTD</u>	<u>Budget</u>	<u>Variance</u>	<u>Notes</u>
Assessments (City of Novi)	\$ 40,926.54	\$ 40,926.54	\$ 42,014.79	(\$1,088.25)	1
Assessments (City of Walled Lake)	\$ 25,421.39	\$ 25,421.39	\$ 25,421.00	\$0.39	
TOTAL INCOME	\$ 66,347.93	\$ 66,347.93	\$67,435.79	(\$1,087.86)	
EXPENSES (see detail below)					
Herbicide and Harvesting		\$ -	\$ 80,000.00	\$ 80,000.00	
Lake Management Consultant		\$ -	\$ 5,000.00	\$ 5,000.00	
Permit Fee	\$ 1,500.00	\$ 1,500.00	\$ 2,000.00	\$ 500.00	
Administrative & Legal	\$ 34.20	\$ 34.20	\$ 1,049.00	\$ 1,014.80	
TOTAL EXPENSES	\$ 1,534.20	\$ 1,534.20	\$ 88,049.00	\$ 86,514.80	

BALANCE ON HAND: 03/31/16 \$239,775.01

Notes

1 Novi payment includes assessments paid to date to Novi

EXPENSE DETAIL FOR Q1-2016

<u>Description</u>	<u>Invoice No.</u>	<u>Vendor</u>	<u>Amount</u>
Attorney Fees through 12/31/15	1279125	Secretst Wardle	\$ 34.20
MDEQ Permit Fee	3187	Savin Lake Services	\$ 1,500.00

Submitted by _____

Adam Wayne, Secretary/Treasurer
 Walled Lake Improvement Board

**WALLED LAKE IMPROVEMENT BOARD
 QUARTERLY TREASURER'S REPORT
 June 30, 2016**

BALANCE ON HAND: 03/31/16 \$239,775.01

INCOME	<u>Quarter</u>	<u>YTD</u>	<u>Budget</u>	<u>Variance</u>	<u>Notes</u>
Assessments (City of Novi)	\$ 3,303.74	\$ 44,230.28	\$ 42,014.79	\$2,215.49	1
Assessments (City of Walled Lake)	\$ -	\$ 25,421.39	\$ 25,421.00	\$ 0.39	2
TOTAL INCOME	\$ 3,303.74	\$ 69,651.67	\$67,435.79	\$2,215.88	
EXPENSES (see detail below)					
Herbicide and Harvesting	\$ 26,041.50	\$ 26,041.50	\$ 80,000.00	\$ 53,958.50	
Lake Management Consultant	\$ 1,250.00	\$ 1,250.00	\$ 5,000.00	\$ 3,750.00	
Permit Fee	\$ -	\$ 1,500.00	\$ 2,000.00	\$ 500.00	
Administrative & Legal	\$ -	\$ 34.20	\$ 1,049.00	\$ 1,014.80	
TOTAL EXPENSES	\$ 27,291.50	\$ 28,825.70	\$ 88,049.00	\$ 59,223.30	

BALANCE ON HAND: 06/30/16 \$215,787.25

Notes

- 1 Novi payment includes assessments paid to date to Novi
- 2 Walled Lake has paid the assessment in full

EXPENSE DETAIL FOR Q2-2016

<u>Description</u>	<u>Invoice No.</u>	<u>Vendor</u>	<u>Amount</u>
2016 Water Quality Testing	3267	Savin Lake Services	\$ 1,250.00
Herbicide Treatment	3281	Savin Lake Services	\$ 26,041.50

Submitted by _____

Brian Coburn, Secretary/Treasurer
 Walled Lake Improvement Board

**WALLED LAKE IMPROVEMENT BOARD
 QUARTERLY TREASURER'S REPORT
 September 30, 2016**

BALANCE ON HAND: 06/30/16	\$215,787.25
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INCOME	<u>Quarter</u>	<u>YTD</u>	<u>Budget</u>	<u>Variance</u>
Assessments (City of Novi)	\$ 1,026.04	\$ 45,256.32	\$ 42,014.79	\$3,241.53
Assessments (City of Walled Lake)	\$ -	\$ 25,421.39	\$ 25,421.00	\$ 0.39
TOTAL INCOME	\$ 1,026.04	\$ 67,373.97	\$67,435.79	\$3,241.92
EXPENSES (see detail below)				
Herbicide and Harvesting	\$ 5,547.93	\$ 31,589.43	\$ 80,000.00	\$ 48,410.57
Lake Management Consultant		\$ 1,250.00	\$ 5,000.00	\$ 3,750.00
Permit Fee		\$ 1,500.00	\$ 2,000.00	\$ 500.00
Administrative & Legal		\$ 34.20	\$ 1,049.00	\$ 1,014.80
TOTAL EXPENSES	\$ 5,547.93	\$ 34,373.63	\$ 88,049.00	\$ 53,675.37

BALANCE ON HAND: 09/30/16	\$211,265.36
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Notes

- 1 Novi payment includes assessments paid to date to Novi
- 2 Walled Lake has paid the assessment in full

EXPENSE DETAIL FOR Q3-2016

<u>Description</u>	<u>Invoice No.</u>	<u>Vendor</u>	<u>Amount</u>
Herbicide Treatment	3362	Savin Lake Servicesa	\$ 5,547.93

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

**WALLED LAKE IMPROVEMENT BOARD
 QUARTERLY TREASURER'S REPORT
 December 31, 2016**

BALANCE ON HAND: 09/30/16	\$211,265.36
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INCOME	<u>Quarter</u>	<u>YTD</u>	<u>Budget</u>	<u>Variance</u>	<u>Notes</u>
Assessments (City of Novi)	\$ 546.64	\$ 45,802.96	\$ 42,014.79	\$3,788.17	1
Assessments (City of Walled Lake)	\$ -	\$ 25,421.39	\$ 25,421.00	\$ 0.39	2
TOTAL INCOME	\$ 546.64	\$ 67,920.61	\$67,435.79	\$3,788.56	
EXPENSES (see detail below)					
Herbicide and Harvesting	\$ 35,460.00	\$ 67,049.43	\$ 80,000.00	\$ 12,950.57	
Lake Management Consultant	\$ -	\$ 1,250.00	\$ 5,000.00	\$ 3,750.00	
Permit Fee	\$ -	\$ 1,500.00	\$ 2,000.00	\$ 500.00	
Administrative & Legal	\$ -	\$ 34.20	\$ 1,049.00	\$ 1,014.80	
TOTAL EXPENSES	\$ 35,460.00	\$ 69,833.63	\$ 88,049.00	\$ 18,215.37	

BALANCE ON HAND: 12/31/16	\$176,352.00
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Notes

- 1 Novi payment includes assessments paid to date to Novi
- 2 Walled Lake has paid the assessment in full

EXPENSE DETAIL FOR Q4-2016

<u>Description</u>	<u>Invoice No.</u>	<u>Vendor</u>	<u>Amount</u>
Herbicide Treatment	3388	Savin Lake Services	\$ 35,460.00

Submitted by _____
 George Melistas, Interim Secretary/Treasurer
 Walled Lake Improvement Board

STATE OF MICHIGAN

COUNTY OF OAKLAND

WALLED LAKE IMPROVEMENT BOARD

WALLED LAKE IMPROVEMENT BOARD SPECIAL ASSESSMENT DISTRICT

RESOLUTION CONFIRMING ASSESSMENT ROLL

RECITATIONS:

It has been determined that the Walled Lake Improvement Board will implement a renewed five year aquatic weed control program for Walled Lake (the Project).

The Project is intended to make annual improvements to Walled Lake for the years 2016, 2017, 2018, 2019 and 2020 for the benefit of the properties identified in Exhibit 1, which properties together shall constitute The Walled Lake Improvement Board Special Assessment District, hereinafter referred to as the "Lake Board SAD", and for administrative purposes to be known as SAD 177 in the City of Novi and SAD 175 in the City of Walled Lake.

Plans for the Project, the estimated cost of the Project, and the special assessment district boundaries were approved by Resolution of the Walled Lake Improvement Board following a public hearing on November 5, 2009, and the Project is renewed for another five year period commencing in 2015. The Lake Board resolution further directed the Assessors for the City of Novi and for the City of Walled Lake to prepare a proposed assessment roll.

In accordance with the direction of the Walled Lake Improvement Board, the City Assessors have prepared a proposed special assessment roll allocating the total cost of the Project to the property within the Lake Board SAD and the Assessors have filed such roll with the Lake Board.

A public hearing to review the proposed special assessment roll was set and duly noticed in accordance with law for the purpose of hearing objections to the proposed assessment roll.

The public hearing was conducted in accordance with the notice, and the Walled Lake Improvement Board determined that it would be appropriate to approve and confirm the proposed assessment roll.

NOW, THEREFORE, BE IT RESOLVED AS FOLLOWS:

1. The special assessment roll for the Walled Lake improvement Board Project, the Lake Board SAD, in the total amount of \$335,345.28 (\$67,069.06 annually for years 2015 through 2019), attached as Exhibit 1 to this resolution, shall be and is hereby adopted and confirmed, and shall be collected from the properties benefited within the Lake Board District.

2. The Walled Lake Improvement Board Secretary/Treasurer is directed to endorse on the assessment roll the date of this confirmation.

3. All amounts of an assessment shall be assessed against each parcel of land in the Lake Board SAD as described on the Special Assessment Roll (Exhibit 1) to be due and payable in five installments, the first to be due on the 14th day of February, 2016, and the several subsequent installments shall be due and payable successively in intervals of twelve (12) months from the due date of the first installment.

4. Any portion of an assessment which has not been paid on or before the 1st day of September of the tax year in which it becomes due shall be reported to the City Council for the City in which the property is located for reassessment upon that City's tax roll, including a six percent administration fee.

5. The Clerks for the Cities of Novi and Walled Lake are directed to attach their warrants as required by law to the roll and to direct the roll, with their warrants attached, to the respective City Treasurer. The City Treasurer for the Cities of Novi and Walled Lake shall thereupon collect the special assessment from those properties listed in Exhibit 1 which are located within

each City's jurisdiction in accordance with the terms of this Resolution, the warrant, and the statutes of the State of Michigan.

6. If the City of Novi or the City of Walled Lake Treasurer reports as delinquent any assessment or part of an assessment on a property located within its jurisdiction, the Lake Board shall certify the delinquency to that City's Assessing official, who shall reassess on that City's annual tax roll of that year the delinquent sum plus a six percent administrative fee, and additional penalties as provided by law.

AYES: Galloway, Ambrose, Coburn, Crawford
NAYS:
ABSTENTIONS:
ABSENT: Warren

CERTIFICATION

It is hereby certified that the foregoing Resolution is a true and accurate copy of the Resolution adopted by the Walled Lake Improvement Board located within the Cities of Novi and Walled Lake at a meeting duly called and held on the 3rd day of June, 2015.

WALLED LAKE IMPROVEMENT BOARD

BY: 
BRIAN COBURN, SECRETARY-TREASURER

City of Novi - Walled Lake Weed Control Special Assessment
 Lake Board Report - 2015 Delinquent Roll - SAD #177A

Parcel # Owner	Principal		Lake Board		Additional 6% Penalty	City of Novi Total Installment
	2015 Delinquent Balance	1/2T per month Penalty	Total Assessment			
50-22-02-151-003 KERN, JOHN L & KIMBERLY A	\$ 133.17	\$ 4.00	\$ 137.17	\$ 7.99	\$ 145.16	
50-22-02-151-006 MCDONALD, ANEMARIE & CHRISTOPHER	\$ 133.17	\$ 4.00	\$ 137.17	\$ 7.99	\$ 145.16	
50-22-02-151-007 MCDONALD, ANEMARIE M	\$ 133.17	\$ 4.00	\$ 137.17	\$ 7.99	\$ 145.16	
50-22-02-176-015 PAINE, ROBERT & WIVELL, COLLEEN	\$ 26.63	\$ 0.80	\$ 27.43	\$ 1.60	\$ 29.03	
50-22-02-326-008 LANG, LAWRENCE L	\$ 133.17	\$ 4.00	\$ 137.17	\$ 7.99	\$ 145.16	
50-22-02-326-009 LANG, LAWRENCE L	\$ 133.17	\$ 4.00	\$ 137.17	\$ 7.99	\$ 145.16	
50-22-02-326-022 MATTHEWS, ROBERT & CARMEN	\$ 133.17	\$ 4.00	\$ 137.17	\$ 7.99	\$ 145.16	
50-22-02-327-014 LEVY, JILL TRUST	\$ 133.17	\$ 4.00	\$ 137.17	\$ 7.99	\$ 145.16	
50-22-02-327-022 LEVY, JILL TRUST	\$ 133.17	\$ 4.00	\$ 137.17	\$ 7.99	\$ 145.16	
50-22-02-354-006 RILEY, GEORGE K	\$ 133.17	\$ 4.00	\$ 137.17	\$ 7.99	\$ 145.16	
50-22-02-355-004 RILEY, GEORGE K	\$ 133.17	\$ 4.00	\$ 137.17	\$ 7.99	\$ 145.16	
50-22-03-126-002 EQUITY TRUST COMPANY	\$ 13.32	\$ 0.40	\$ 13.72	\$ 0.80	\$ 14.52	

City of Novi - Walled Lake Weed Control Special Assessment
 Lake Board Report - 2015 Delinquent Roll - SAD #177A

50-22-03-126-021 ZHENG CHEN PROPERTY LLC	\$ 13.32	\$ 0.40	\$ 13.72	\$ 0.80	\$ 14.52
50-22-03-126-043 TYZO, EDWARD	\$ 13.32	\$ 0.40	\$ 13.72	\$ 0.80	\$ 14.52
50-22-03-126-045 L WEATHERS LLC	\$ 13.32	\$ 0.40	\$ 13.72	\$ 0.80	\$ 14.52
50-22-03-126-063 RICHARDS, BRIAN	\$ 13.32	\$ 0.40	\$ 13.72	\$ 0.80	\$ 14.52
50-22-03-131-013 WEINDORF, PAUL & CHRISTIE LEE	\$ 133.17	\$ 4.00	\$ 137.17	\$ 7.99	\$ 145.16
50-22-03-131-028 FARRINGTON, JAMES R	\$ 133.17	\$ 4.00	\$ 137.17	\$ 7.99	\$ 145.16
50-22-03-131-049 TOWART, RHEA & BERGER, LEONARD	\$ 99.87	\$ 3.00	\$ 102.87	\$ 5.99	\$ 108.86
50-22-03-155-020 COON, RONALD	\$ 133.17	\$ 4.00	\$ 137.17	\$ 7.99	\$ 145.16
50-22-03-201-001 PRIOR, JOHN M.	\$ 26.63	\$ 0.80	\$ 27.43	\$ 1.60	\$ 29.03
50-22-03-203-001 DIANTONTIS, DANIEL	\$ 26.63	\$ 0.80	\$ 27.43	\$ 1.60	\$ 29.03
50-22-03-329-003 SCHWENZER, WILLIAM J	\$ 133.17	\$ 4.00	\$ 137.17	\$ 7.99	\$ 145.16
50-22-03-332-019 HALL, JOHN & STEPHANIE R	\$ 26.63	\$ 0.80	\$ 27.43	\$ 1.60	\$ 29.03
50-22-03-351-029 BEST, KURT & RENEE	\$ 26.63	\$ 0.80	\$ 27.43	\$ 1.60	\$ 29.03

City of Novi - Walled Lake Weed Control Special Assessment
 Lake Board Report - 2015 Delinquent Roll - SAD #177A

50-22-03-383-041 MARCUS, WILLIAM	\$ 13.32	\$ 0.40	\$ 13.72	\$ 0.80	14.52
50-22-03-383-046 FRANCIC, JOHN & GAVIN, MARY	\$ 13.32	\$ 0.40	\$ 13.72	\$ 0.80	14.52
50-22-03-404-006 WALING, ROBERT & KIMBERLY	\$ 133.17	\$ 4.00	\$ 137.17	\$ 7.99	145.16
50-22-03-404-011 WALING, ROBERT & KIMBERLY	\$ 133.17	\$ 4.00	\$ 137.17	\$ 7.99	145.16
50-22-03-452-007 JOSEPHSON, RICHARD	\$ 26.63	\$ 0.80	\$ 27.43	\$ 1.60	29.03
50-22-03-452-008 WESSON, LAWRENCE E	\$ 26.63	\$ 0.80	\$ 27.43	\$ 1.60	29.03
50-22-03-453-009 MAUDLIN RENTAL, LLC	\$ 26.63	\$ 0.80	\$ 27.43	\$ 1.60	29.03
50-22-03-455-005 BATES, KEVIN & RENEE	\$ 26.63	\$ 0.80	\$ 27.43	\$ 1.60	29.03
50-22-03-476-017 PEMBROKE, THOMAS R	\$ 133.17	\$ 4.00	\$ 137.17	\$ 7.99	145.16
50-22-03-477-005 KANDEL, ABRAHAM & CHERYL	\$ 133.17	\$ 4.00	\$ 137.17	\$ 7.99	145.16
50-22-03-483-006 JONES, BRIAN	\$ 26.63	\$ 0.80	\$ 27.43	\$ 1.60	29.03

Principal	1/2%/Month Penalty	Lake Board Roll 9.1.16	6% Additional Penalty	City Assessor's Roll
\$ 2,856.47	\$ 85.80	\$ 2,942.27	\$ 171.41	\$ 3,113.68

Rechtien, Darcy

From: Sandra Barlass <sbarlass@walledlake.com>
Sent: Monday, November 14, 2016 9:54 AM
To: Wayne, Adam
Subject: RE: Lake Board Delinquent Assessments

Good morning Adam,

The City of Walled Lake collects the lake board assessments on our winter tax bills, therefore there are no delinquent parcels to report for 2016. The assessments will be levied December 1st, 2016 and payable to Walled Lake by February 14, 2017 without penalty.

Please advise if you need anything further.

Regards,

Sandra Barlass

Deputy Treasurer
City of Walled Lake
1499 E. West Maple Rd.
Walled Lake, MI 48390
o: 248-624-4847
sbarlass@walledlake.com

From: Wayne, Adam [<mailto:awayne@cityofnovi.org>]
Sent: Monday, October 17, 2016 3:29 PM
To: treasurer@walledlake.com
Subject: Lake Board Delinquent Assessments

Good afternoon:

I am writing to remind you that according to MCL 324.30916, the Treasurer for each City is required to provide a sworn statement listing the names of delinquent Lake Board Assessments and the amount of the delinquency including accrued interest and penalties to the Lake Board by September 1 for certification by the Board.

324.30916 Special assessments; collections. When any special assessment roll is confirmed, the lake board shall direct the assessments made in the roll to be collected. The clerk of each local unit of government involved shall then deliver to the treasurer of each local unit of government the special assessment roll, to which he or she shall attach his or her warrant commanding the treasurer to collect the assessments in the roll in accordance with the directions of the lake board. The warrant shall further require the treasurer, on September 1 following the date when any assessments or any part of an assessment have become due, to submit to the lake board a sworn statement setting forth the names of delinquent persons, if known, a description of the parcels of land upon which there are delinquent assessments, and the amount of the delinquency, including accrued interest and penalties computed to September 1 of the year. Upon receiving the special assessment roll and warrant, the treasurer shall collect the amounts assessed as they become due.

The attached Lake Board resolution provides additional information in this regard.

The Lake Board will meet in late November to act on the delinquent roll.

Please let me know if you have any questions.

Adam Wayne

Secretary/Treasurer
Walled Lake Improvement Board



Adam Wayne, P.E. | Civil Engineer

City of Novi | Department of Public Services

Field Services Complex | 26300 Lee BeGole Drive | Novi, MI 48375

t: 248.735.5648 f: 248.735.5659

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**WALLED LAKE IMPROVEMENT BOARD
2017 ANNUAL BUDGET**

<i>Description</i>	<i>Annual Budget</i>
<u>Income</u>	
City of Novi Assessments	\$42,015
City of Walled Lake Assessments	\$25,421
Use of Surplus Funds	\$20,614
TOTAL INCOME	\$88,050
<u>Expenses</u>	
Harvesting and Herbicide Treatments	\$80,000
Lake Management Consultant	\$5,000
Permit Fee	\$2,000
Administrative & Legal	\$1,050
TOTAL EXPENSES	\$88,050



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

2017 Recommendations and cost analysis

Looking forward into the 2017 season Savin Lake Services recommends to do another whole lake BioBase survey in the Spring around the middle of May depending on how early the ice is out. This survey will be a helpful tool in identifying areas of the lake that have Eurasian Watermilfoil and Curly leaf pondweed. We also recommend continuing the water quality program for trending analysis.

2017 BioBase survey and water quality program = \$4,975.00

In late May to early June Savin Lake Services will plan a treatment for Curly Leaf pondweed and any remaining Eurasian Watermilfoil after the results of the Biobase survey are analyzed. We anticipate this treatment to be around 80 – 100 acres of Curly Leaf pondweed (based on treatment records in the past years) with contact herbicides. Also during this treatment, we anticipate to do approximately 10-15 acres of systemic control of Eurasian Watermilfoil.

80 -100 acre of contact herbicides @ \$244.00/acre = \$19,520.00 - \$24,400.00
10 -15 acres of systemic Milfoil control @ \$608.73/acre = \$6,087.30 - \$9,130.95
Total projected cost range for first treatment in 2017 = \$25,607.30 - \$33,530.95

Then in late June – early July we recommend treating the entire shoreline with algaecides for filamentous algae. After treating large amounts of vegetation as they are dying off they can produce a lot of algal blooms that usually float into the shoreline areas. The water temperatures are rapidly warming during this time and can also be a contributing factor in the large amount of algal blooms. Also during this timeframe, we would recommend providing some relief and completing a treatment for the riparian owners on the north and west shorelines of the lake for native weeds in and around their docks. During this treatment we will evaluate the Starry Stonewort and treat it also if needed.

120 acres of shoreline algae control @ \$54.64/acre = \$6,556.80
30 - 40 acres of contact herbicides @ \$244.00/ acre = \$7,320.00 - \$9,760.00
15 -20 acres of Starry Stonewort treatment @ \$283.25/acre = \$4248.75 - \$ 5,665.00
Total projected cost range for second treatment = \$18,125.55 – \$21,981.80

In August we will complete another treatment for Starry Stonewort if needed, and also complete a touch up treatment for native vegetation on the north and west shore lines in and around docks again.

15 - 20 acres of Starry Stonewort treatment @ \$283.25/acre = \$4248.75 - \$ 5,665.00
15 - 20 acres of contact herbicides @ \$244.00/acre = \$3660.00 - \$4,880.00
Total projected cost range for August treatment = \$7,908.75 - \$10,545.00

Preserving Our Lakes Today for Our Generations Tomorrow
www.LakeAndPond.com



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

If needed Savin Lake Services would like to conduct another fall systemic treatment for Eurasian Watermilfoil. This treatment may not be necessary with the 2016 fall treatment and 2017 spring treatment being completed but for budgetary purposes I think it's a good idea to plan for it just in case.

10 -15 acres of systemic Milfoil control @ \$608.73/acre = \$6,087.30 - \$9,130.95

Total projected cost range for 2017 = \$62,703.90 - \$80,163.70

Please keep in mind that these are approximate numbers based on treatment record in the past and survey evaluations completed this year. We expect the total overall cost to fall within these parameters. There are many variables in a lakes ecosystem that can change from year to year that make it hard to give an exact number. These figures should get us real close and should not exceed the higher end of the scale. Savin Lake Services will only recommend and treat what we feel is needed to improve the overall health of the lake, and make it more desirable for use by the riparian owners. Our goal is to keep the non-native and exotic plant communities in check throughout the entire lake and treat nuisance natives in and around riparian owner's docks and swim areas to make those areas more desirable for use.

Savin Lake Services appreciates your business and we look forward to working with the Walled Lake Improvement Board to continuously improve the overall health of Walled Lake in the future. If you have any questions, comments, or require any additional information please feel free to contact us.

Sincerely,

***Paul Barber - Regional Lakes Manager
Savin Lake Services Inc.
3088 Hottis Road
Hale, Michigan 48739
Hale Office: 989-728-2200
Clare Office: 989-386-0600
Toll Free: 877-SAV-LAKE
Fax: 989-516-5900
Email: Paulbarber@LakeAndPond.com***

Preserving Our Lakes Today for Our Generations Tomorrow
www.LakeAndPond.com



D Galloway <dtg2002@gmail.com>

RE: File Number: 63-104 East Bay Drive-Walled Lake dated March 15, 2016

2 messages

Bacon, Eric (DEQ) <BACONE1@michigan.gov>

Tue, May 17, 2016 at 12:14 PM

To: Ken Holmes <kholmes390@aol.com>

Cc: "Hartz, Andrew (DEQ)" <HARTZA@michigan.gov>, Matt Novotny <mattnovotny@lakeandpond.com>, "dtg2002@gmail.com" <dtg2002@gmail.com>

Mr. Holmes,

Thank you for your concerns regarding chemical treatment of Walled Lake, Oakland County. Your concerns have been forwarded to the Aquatic Nuisance Control Program for response.

The management strategy implemented by the Walled Lake Improvement Board is intended to address non-native invasive plant and algae. A review of the end-of-season treatment report submitted for 2015 confirm the strategy of managing for non-native invasive aquatic plants and algae. Specifically, the targeted species are Eurasian watermilfoil (EWM), Curly leaf pondweed (CLP) and Starry stonewort (SSW). EWM and CLP are long established invasive species to Walled Lake and lakes across the state. SSW is relatively new and Oakland County is the epic center of infestation.

SSW is a macro-algae which colonizes the lake bottom or substrate and prevent almost all plants from growth through. It is known to grow in thick mats 5 feet thick or greater. The mats of SSW can not only displace the native plant community, but also disrupts the spawning areas for many fish species. You may confirm the impacts of SSW to the fisheries with a qualified fisheries biologist.

For additional information on aquatic invasive species (AIS), I invite you to visit the DEQ's Aquatic Invasive Species webpage at <http://www.michigan.gov/invasives>. Specific species abstracts are available at the following web address: <http://www.michigan.gov/invasives/0,5664,7-324-68002--,00.html>.

The DEQ will continue to monitor treatment activity with the limited resources available. Walled Lake will be added to the list of potential field work for a possible visit in the coming season. Program resources and work prioritization will dictate which sites are visited in any given season. At this time it is unlikely we will be able to mobilize assets prior to the scheduled treatment.

I might suggest that you bring your concerns to the attention of the Lake Board and/or lake leadership. They may be able to ease your concerns through explanation of their management strategy, or be willing to consider your points when implementing future management activities. If interested, you are welcome to contact Dave Galloway, Walled Lake Improvement Board, copied to this message.

I understand from my conversation with Mr. Galloway this morning that they are currently surveying the lake to identify the specific locations of EWM, CLP and SSW. With that information they will target only those areas where the non-native invasive plants are located. They are not intentionally targeting native plants. Mr. Galloway indicated his willingness to speak with any lake resident about the lake board's management strategy, either at the scheduled lake board meetings or at specially schedule meetings with anglers, and I encourage you to take that opportunity.

If I can be of further assistance, please contact me.

Eric Bacon

Aquatic Nuisance Control

Water Resources Division

Bacone1@michigan.gov

517-331-5223

From: Hartz, Andrew (DEQ)
Sent: Tuesday, May 17, 2016 8:44 AM
To: Ken Holmes
Cc: Bacon, Eric (DEQ)
Subject: RE: File Number: 63-104 East Bay Drive-Walled Lake dated March 15, 2016

Mr. Holmes,

I am forwarding your note to Eric Bacon of our Lansing office. He works in the unit that processes aquatic weed treatment permits.

Eric, Please CC with your response as well. Thank you...Andy

Andrew J. Hartz

District Supervisor

Water Resource Unit

Water Resources Division

Michigan Department of Environmental Quality (DEQ)

27700 Donald Court

Warren MI 48092-2793

586-753-3867-Direct line

Hartza@Michigan.gov

From: Ken Holmes [mailto:kholmes390@aol.com]
Sent: Tuesday, May 17, 2016 12:01 AM
To: Hartz, Andrew (DEQ)
Subject: RE: File Number: 63-104 East Bay Drive-Walled Lake dated March 15, 2016

Good Evening Mr. Hartz,

I don't know if this Email should go to you or someone else within the DEQ operation, I'm sending this to you because you were kind enough to reply to my Email about a permit for boat dockage; The purpose of this Email is to alert the DEQ that Savin Lake Services is killing Walled Lake by continually dumping chemicals in the lake to kill off weeds, the problem is that Walled Lake has little to no weeds left which means the fishing in this lake has gone down the crapper.

It would seem to me that controlling the weeds should be done like a farmer works his fields, you plant 2/3 and leave the other 1/3 to rest, by doing so it gives the field a chance to refurbish it's self as would the lake and the fish, the small fish need weeds to hide and grow.

I understand that companies need to make money but they also need to have some government controls otherwise you will end up with a dead lake, sure you will be able to go boating but to a lot of people the lake is for a lot more than ridding around, it's about teaching your kids to fish, it's about spending a quiet afternoon fishing with friends.

I employ the DEQ to please come to Walled Lake and see what this company is doing to the lake, I'm quite sure that if Savin Lake Services were paid to monitor the lake and treat only the extremely weed infested areas the residents would again have an all sports lake.

I just received a notice from Savin Lake Services stating initial treatment within (7) days; Please come to Walled Lake to see if the lake really needs to be treated for weeds or is this company is just out for the bucks, let's face it they have nothing to lose and a lot of money to gain, every year it's another type of weed that we have to look out for, that maybe so but they don't have to kill all the weeds in the entire lake.

Thank You in Advance for the Department of Environmental Quality intervention to save
Walled Lake Michigan

Sincerely

Kenneth C. Holmes

From: Hartz, Andrew (DEQ) [mailto:HARTZA@michigan.gov]
Sent: Thursday, March 31, 2016 8:46 AM
To: Ken Holmes <kholmes390@aol.com>
Cc: beth.adams@lahalifestyle.com
Subject: RE: File Number: 63-104 East Bay Drive-Walled Lake dated March 15, 2016

Mr. Holmes-

Thank you for your comment on this proposal. The DEQ was not a party to nor is it bound by any development agreement that the developers of East Bay had/has with the City. The fact is that East Bay owns land that has riparian rights. I have attached the regulations that the DEQ is charged with considering when reviewing an application for permit such as the East bay proposal. The City may regulate this activity as well and a denial or approval from the DEQ does not supersede or otherwise negate any decision the City may render on this activity.

To date we have not received any comment on this proposal from the City. If you have any further questions, please contact me...Andy

Andrew J. Hartz

District Supervisor

Water Resource Unit

Water Resources Division

Michigan Department of Environmental Quality (DEQ)

27700 Donald Court

Warren MI 48092-2793

586-753-3867-Direct line

Hartza@Michigan.gov

From: Ken Holmes [mailto:kholmes390@aol.com]
Sent: Wednesday, March 30, 2016 11:07 PM
To: Hartz, Andrew (DEQ)
Cc: beth.adams@lahalifestyle.com
Subject: File Number: 63-104 East Bay Drive-Walled Lake dated March 15, 2016

I thank you for you time and response to my Email, as I'm sure Mr. Galloway and the lake board has the best intensions toward Walled Lake, I believe they are being directed by the Savin Lake Services which I feel needs some government over site just to make sure they are more interested in the welfare of Walled Lake than their bank account; I will admit that Savin Lake Services has gotten rid of the weeds but maybe it's time for them to back off and give the lake time to restore its self.

Again Thank You and Have A Great Day

Kenneth Holmes

From: Bacon, Eric (DEQ) [mailto:BACONE1@michigan.gov]

Sent: Tuesday, May 17, 2016 12:14 PM

To: Ken Holmes <kholmes390@aol.com>

Cc: Hartz, Andrew (DEQ) <HARTZA@michigan.gov>; Matt Novotny <mattnovotny@lakeandpond.com>;

dtg2002@gmail.com

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