

**LAKE LEMON CONSERVANCY DISTRICT**

Board of Directors Meeting

Zoom Webcast

June 2, 2020

4:30 p.m.

**AGENDA**

- I. Call Meeting to Order / Chairman's Remarks (PD)
- II. Approval of Board Meeting Minutes (PD)
  - A. April 9, 2020 Meeting Minutes
  - B. May 4, 2020 Meeting Minutes
- III. Treasurer's Report (MB)
  - A. March and April Financial Highlights
  - B. Report of Claims Approval for March and April 2020
- IV. Manager's Report (AC)
  - A. Sediment Management Project
    - Resolution 06-20-04: Tentative Adoption: Drawings, Specifications & Cost estimates for Sediment Management Project
  - B. Community Foundation Balance Update
  - C. Barge Operations Update
  - D. Vegetation Control Update
- V. Public Comment (PD)
- VI. New Business / Correspondence for Future Agenda (PD)
  - A. Next LLCB Board Meeting: June 20, 2020; 10:00 AM;  
Riddle Point Park Shelter House
- VII. Adjournment (PD)

**Lake Lemon Conservancy District**  
**Board Meeting Agenda Item**

<b>Presenter</b>	Pam Dugan, Chairman
<b>Action Requested</b>	Approve
<b>Item/Subject</b>	April 9th Board Meeting Minutes
<b>Dollar Amount</b>	N/A
<b>Meeting Date</b>	June 2nd, <b>2020</b>
<b>Summary</b>	A draft of the minutes for the April 9th,2020 Board Meeting is provided for comment, corrections, additions, or deletions.
<b>Staff Recommendation</b>	Approve the April 9th Board Meeting Minutes.

**LAKE LEMON CONSERVANCY DISTRICT**

Board of Directors Meeting

City of Bloomington Utilities Building

April 9<sup>th</sup>, 2020

4:00 p.m.

**The April 9<sup>th</sup>, 2020 Board of Directors Meeting of the Lake Lemon Conservancy District was Held as a remote meeting on Zoom and was called to order by Chairman Pam Dugan at 4:08 PM.**

**BOARD MEMBERS PRESENT: Chairman Pam Dugan, Vice-Chairman Mary Jane Brown, Treasurer Mike Blackwell, Michael Klitzing, Debra Ladyman, Les Wadzinski, Lora Schell. ALSO PRESENT: Adam Casey, District Manager, Alex Snooks, Operations Supervisor; and LLCD Freeholders (see attached sign-in sheet).**

I. Call Meeting to Order / Chairman's Remarks (Dugan)

II. Administrative

a. Approval Board Meeting Minutes (Dugan)

i. Dugan requested approval for the Annual Board Meeting Minutes.

**KLITZING MOTIONED TO APPROVE THE 2020 ANNUAL BOARD MEETING MINUTES WITH CORRECTIONS. BROWN SECONDED THE MOTION. ALL "AYES". THE MOTION CARRIED.**

b. February Report of Claims: Approval of Allowance of Vouchers

**SHELL MOTIONED TO APPROVE THE ALLOWANCE OF VOUCHERS FOR FEBRUARY 2020. BROWN SECONDED THE MOTION. ALL "AYES". THE MOTION CARRIED.**

c. Professional Services Agreement: Ken Mullis – Lake Debris Removal

**BROWN MOTIONED TO APPROVE THE 2020 PROFESSIONAL SERVICES AGREEMENT WITH KEN MULLIS FOR LAKE DEBRIS REMOVAL. DUGAN SECONDED THE MOTION. ALL "AYES". THE MOTION CARRIED.**

d. 2020 Independence Day Fireworks Contract

i. Casey requested approval of the 2020 Fireworks contract in the amount of \$8,000.

**LADYMAN MOTIONED TO APPROVE THE 2020 INDEPENDENCE DAY FIREWORKS CONTRACT IN THE AMOUNT OF \$8,000.00. SHELL SECONDED THE MOTION. ALL "AYES". THE MOTION CARRIED.**

e. Casey asked the board to look over and approve the Annual Board Conflict of Interest Policy and Signatures.

**KLITZING MOTIONED TO APPROVE THE ANNUAL BOARD CONFLICT OF INTEREST POLICY AND SIGNATURES. BROWN SECONDED THE MOTION. ALL "AYES". THE MOTION CARRIED.**

III. Treasurer's Report (Blackwell)

- a. February Budget Highlights
  - i. February Income: \$9,379
  - ii. February Expenditures: \$20,218
- b. Casey updated the board on the Cumulative Improvement Fund status.
  - i. Casey will call both counties tomorrow which is the when the 30-day waiting period ends, and if there was no rebuttal, Casey will submit the resolution.
- c. Blackwell discussed the 2021 Budget Timeline.
  - i. The budget planning committee will meet and begin a budget for 2021. The first presentation will take place at the June 20<sup>th</sup> meeting followed by the first public discussion at the July 18<sup>th</sup> meeting. The second public discussion will take place at the August 22<sup>nd</sup> meeting. The public hearing will be at the September meeting and the 2021 budget will be adopted at the October meeting.

IV. Manager's Report (Casey)

- a. Casey informed the Board that public hearings will be necessary for the bond process and he plans on speaking with Ice Miller about those in light of the current stay at home order situation.
- b. Casey outlined the major differences between a bond through the SRF, and an Open Market bond.
  - i. With the SRF there are more tests and other requirements including that we must utilize the overflow pond and create a wetland there, which will lead to increased costs.
  - ii. With an open market bond, we may be able to only use the South Shore drive property, but we may not be able to get the same interest rate as going through the SRF which would cause higher payments.
- c. Casey announced that the contract for our 2020 Master Plan has been signed.
- d. Casey updated the board on the work that the office has been able to do during this time including, installing new ballyards to prevent parking in the grass, pass sales over the phone to recoup some lost revenue, and updating the codes of conduct to keep fishermen from entering private docks.
- e. Casey went over the necessity of a new off-road dump truck and the process for getting a new one.
  - i. As a conservancy we must bid out the loan for any major purchase to multiple banks and select the best terms for us.
  - ii. We can only have a loan for a 2-year term with a possible 2 year extension giving a 4 year total term.
  - iii. New trucks cost over \$350,000 for one in the size range we need, and used trucks will run us \$230,000 to \$240,000.



- iv. Renting a truck will cost anywhere between \$12,000 to \$14,000 per month.
- v. Casey requested approval to start the bid process to purchase a 25-ton off-road dump truck.

**KLITZING MOTIONED TO APPROVE CASEY TO BEGIN THE BID PROCESS TO PURCHASE A USED OFF-ROAD DUMPTRUCK. BLACKWELL SECONDED THE MOTION. ALL "AYES". THE MOTION CARRIED.**

V. Next Board Meeting: To Be Announced

- a. All of the board members agreed that the 4:00 pm meeting time worked well for Zoom meetings.

VI. Adjournment

**KLITZING MOTIONED TO ADJOURN THE APRIL 9<sup>TH</sup>, 2020 BOARD OF DIRECTORS MEETING AT 5:19 P.M. BLACKWELL SECONDED THE MOTION. ALL "AYE'S". THE MOTION CARRIED. MEETING ADJOURNED.**

**RESPECTFULLY SUBMITTED BY:**

**Alex Snooks, Operations Supervisor**

**Lake Lemon Conservancy District**  
**Board Meeting Agenda Item**

<b>Presenter</b>	<b>Pam Dugan, Chairman</b>
<b>Action Requested</b>	<b>Approval</b>
<b>Item/Subject</b>	<b>May 4th, 2020 Board Meeting Minutes</b>
<b>Dollar Amount</b>	<b>N/A</b>
<b>Meeting Date</b>	<b>June 2nd, 2020</b>
<b>Summary</b>	<b>A draft of the minutes for the May 4th, 2020 Board Meeting is provided for comment, corrections, additions, or deletions.</b>
<b>Staff Recommendation</b>	<b>Approval of the May 4th, 2020 Board meeting minutes</b>

**LAKE LEMON CONSERVANCY DISTRICT**

Board of Directors Meeting

Lake Lemon Conservancy Office

May 4<sup>th</sup>, 2020

4:00 p.m.

**The May 4<sup>th</sup>, 2020 Board of Directors Meeting of the Lake Lemon Conservancy District was Held remotely using Zoom and was called to order by Chairman Pam Dugan at 4:00 PM.**

**BOARD MEMBERS PRESENT: Chairman-Pam Dugan, Vice-Chairman Mary Jane Brown, Treasurer Mike Blackwell, Debra Ladyman, Les Wadzinski, Lora Schell. ALSO PRESENT: Adam Casey, District Manager; Alex Snooks, Operations Supervisor; and LLCD Freeholders (see attached sign-in sheet). ABSENT: Michael Klitzing.**

I. Call Meeting to Order / Chairman's Remarks (Dugan)

II. Purchase Agreement: Off-Road Truck

- a. Casey requested a motion to approve the purchase agreement for a 2017 CAT 725c for \$235,000.

**WADZINSKI MOTIONED TO APPROVE THE PURCHASE AGREEMENT FOR THE OFF-ROAD TRUCK. SCHELL SECONDED THE MOTION. BROWN, SCHELL, WADZINSKI AND DUGAN "AYES". BLACKWELL AND LADYMAN "NAYS". THE MOTION CARRIED.**

III. Resolution 05-20-02: Peoples State Bank loan for Carrier Truck Purchase (Casey)

- a. Casey requested a motion to approve Resolution 05-20-02: Peoples State Bank loan for Carrier Truck Purchase.
  - i. This resolution is to use People's State bank for a loan to purchase a 2017 Off-Road Dump truck in the amount of \$235,000.

**SCHELL MOTIONED TO APPROVE RESOLUTION 05-20-02: PEOPLES STATE BANK LOAN PROPOSAL FOR CARRIER TRUCK PURCHASE, AS WRITTEN. BROWN SECONDED THE MOTION. ALL "AYES". THE MOTION CARRIED.**

IV. Addendum to Christopher Burke Contract: Soil boring; Construction cost estimates; Wetland management plan

- a. Casey requested a motion to add an addendum to the contract with Christopher Burke for an additional \$11,500 to do some Soil boring tests, come up with some cost estimates for constructing the site, and a wetland management plan for the overflow pond.

**LADYMAN MOTIONED TO APPROVE THE ADDENDUM TO THE CONTRACT WITH CHRISTOPHER BURKE IN THE AMOUNT OF \$11,500. SCHELL SECONDED THE MOTION. ALL "AYES". THE MOTION CARRIED.**

- V. Resolution 05-20-03: DNR Lake and River Enhanced Grant acceptance
- a. Casey requested a motion to accept the DNR LARE Grant in the amount of \$5,000 to aid financially in our invasive weed treatment.

**BROWN MOTIONED TO ACCEPT THE DNR LARE GRANT IN THE AMOUNT OF \$5,000 AND AUTHORIZE THE MATCHING EXPENDITURE.. SCHELL SECONDED THE MOTION. ALL "AYES". THE MOTION CARRIED.**

VI. **New Business/Correspondence**

- a. Dugan discussed the new Codes of Conduct with the board.
  - i. The board decided it would be best to change the distance of 50 feet to "a respectful and safe distance".

VII. **Public Comment**

- a. Cathy McClure raised some questions about the new letter and requested information from anyone on the lake willing to share about, favorite memories, interesting facts, etc.
- b. Kevin Fagan inquired about how to deal with geese after they have hatched.

VIII. **Adjournment**

**SCHELL MOTIONED TO ADJOURN THE MAY 4<sup>TH</sup>, 2020 BOARD OF DIRECTORS MEETING AT 5:22 P.M. BROWN SECONDED THE MOTION. ALL "AYE'S". THE MOTION CARRIED. MEETING ADJOURNED.**

**RESPECTFULLY SUBMITTED BY:**

**Alex Snooks, Operations Supervisor**

**Lake Lemon Conservancy District**  
**Board Meeting Agenda Item**

<b>Presenter</b>	<b>Mike Blackwell, Treasurer</b>
<b>Action Requested</b>	<b>Review</b>
<b>Item/Subject</b>	<b>March and April 2020 Financial Update</b>
<b>Dollar Amount</b>	<b>N/A</b>
<b>Meeting Date</b>	June 2nd, 2020
<b>Summary</b>	<b>Financial report showing end of March and April 2020 Balance sheet, Income, Expense, 2019 comparison, and reconciliation data.</b>
<b>Staff Recommendation</b>	<b>N/A</b>

LAKE LEMON CONSERVANCY

Financial Statements

For the Period Ending

January 1, 2020 thru March 31, 2020

(UNAUDITED)

Watkins Accounting

113 E. 19<sup>th</sup> Street

Bloomington, Indiana 47408

Lake Lemon Conservancy

I have prepared the financial statements for Lake Lemon Conservancy as of March 31, 2020 on the basis used in the preparation of its federal income tax returns. The tax returns are prepared on the accrual basis when appropriate.

The following are the company's significant accounting policies under this basis:

Income Tax. No provision or liability for income taxes has been included in the financial statements.

Provision for Doubtful Accounts. No provision for doubtful accounts is made. The company follows the practice of charging off all accounts deemed uncollectible directly to expense.

Property and Equipment. Property and equipment, as well as liabilities pertaining thereto, are recorded at cost as determined for income tax purposes.

Shirley Watkins, CPA  
April 7, 2020

10:31 AM  
04/07/20  
Accrual Basis

# LAKE LEMON CONSERVANCY

## Balance Sheet

As of March 31, 2020

	Mar 31, 20
<b>ASSETS</b>	
Current Assets	
Checking/Savings	
1000 · Peoples State Bank	289,450.29
1010 · Petty Cash	100.00
1020 · Change Fund	200.00
1030 · CD's General Fund	35,000.00
1040 · CD's Cumulative Maint Fund	107,014.71
1050 · Savings Account	5,949.28
Total Checking/Savings	437,714.28
Total Current Assets	437,714.28
Fixed Assets	
1500 · Land @ South Shore Dr	102,755.00
1510 · Trucks	132,761.25
1520 · Other Asset	12,093.11
1550 · Boats	354,750.00
1680 · Other Fixed Assets	239,581.79
Total Fixed Assets	841,941.15
<b>TOTAL ASSETS</b>	<b>1,279,655.43</b>
<b>LIABILITIES &amp; EQUITY</b>	
Liabilities	
Current Liabilities	
Other Current Liabilities	
2010 · FICA & Federal Taxes Payable	3,144.84
2020 · State & Co. Withholding Payable	503.80
Total Other Current Liabilities	3,648.64
Total Current Liabilities	3,648.64
Total Liabilities	3,648.64
Equity	
3000 · Opening Balance Equity	101,373.66
3040 · General Fund	503,214.77
3060 · Cumulative Maintenance Fund	101,942.92
3200 · Retained Earnings	651,067.21
Net Income	-81,591.77
Total Equity	1,276,006.79
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>1,279,655.43</b>



10:29 AM  
04/07/20  
Accrual Basis

# LAKE LEMON CONSERVANCY

## Profit & Loss Prev Year Comparison

### March 2020

	Mar 20	Mar 19	\$ Change	% Change
<b>Income</b>				
4000 · Watercraft Permits	1,466.00	2,360.00	-894.00	-37.9%
4010 · Launch Fees	475.00	811.00	-336.00	-41.4%
4020 · Marina & Club Fees	1,000.00	1,000.00	0.00	0.0%
4030 · Sublease & Access Fees	8,820.00	2,775.00	6,045.00	217.8%
4080 · Fishing Tournament	175.00	0.00	175.00	100.0%
<b>Total Income</b>	<b>11,936.00</b>	<b>6,946.00</b>	<b>4,990.00</b>	<b>71.8%</b>
<b>Expense</b>				
6000 · Manager	5,230.76	7,592.31	-2,361.55	-31.1%
6001 · Operations Supervisor	2,773.08	3,923.07	-1,149.99	-29.3%
6002 · Equipment Operations Supervisor	3,076.92	0.00	3,076.92	100.0%
6010 · FICA	891.42	1,224.32	-332.90	-27.2%
6025 · Merchant Fees	31.45	11.50	19.95	173.5%
6030 · Retirement	1,573.52	899.04	674.48	75.0%
6040 · Health Insurance	285.47	0.00	285.47	100.0%
6070 · Gate Attendant	238.50	247.00	-8.50	-3.4%
6112 · Dredger (Other)	0.00	4,017.00	-4,017.00	-100.0%
6114 · Assistant Dredger (Other)	333.00	225.00	108.00	48.0%
6120 · Season & Launch Permits	0.00	1,830.74	-1,830.74	-100.0%
6170 · Miscellaneous-Other	0.00	91.95	-91.95	-100.0%
6180 · Postage	5.05	55.00	-49.95	-90.8%
6200 · Regular Gas	60.86	0.00	60.86	100.0%
6210 · Diesel	0.00	421.88	-421.88	-100.0%
6240 · Building & Grounds	646.11	0.00	646.11	100.0%
6250 · Boat/Weed Harvester/Truck	0.00	79.00	-79.00	-100.0%
6251 · Dredging Supplies	0.00	207.82	-207.82	-100.0%
6300 · Accounting Services	0.00	450.00	-450.00	-100.0%
6330 · Consulting Engineer	8,516.34	0.00	8,516.34	100.0%
6350 · Other Prof/Secretarial Service	0.00	500.00	-500.00	-100.0%
6370 · Phone, LDT, Pager, E-Mail	283.67	274.79	8.88	3.2%
6390 · Hotel	0.00	238.50	-238.50	-100.0%
6410 · Subscriptions	0.00	210.00	-210.00	-100.0%
6430 · Ads	38.83	10.69	28.14	263.2%
6450 · Insurance	3,139.75	0.00	3,139.75	100.0%
6460 · Electric	390.00	442.95	-52.95	-12.0%
6470 · Water	55.11	55.11	0.00	0.0%
6480 · Trash	20.00	66.47	-46.47	-69.9%
6490 · Port-O-Lets	170.00	0.00	170.00	100.0%
6500 · Pump Holding Tank	0.00	150.00	-150.00	-100.0%
6520 · Boat	276.50	310.83	-34.33	-11.0%
6541 · Dredging Equipment Maintenance	1,600.00	0.00	1,600.00	100.0%
6630 · Spillway Repairs	0.00	550.00	-550.00	-100.0%
6661 · Disposal Site Preparation	6,390.00	7,007.03	-617.03	-8.8%
<b>Total Expense</b>	<b>36,026.34</b>	<b>31,092.00</b>	<b>4,934.34</b>	<b>15.9%</b>
<b>Net Income</b>	<b>-24,090.34</b>	<b>-24,146.00</b>	<b>55.66</b>	<b>0.2%</b>

10:27 AM  
04/07/20  
Accrual Basis

# LAKE LEMON CONSERVANCY

## Profit & Loss YTD Comparison

### March 2020

	Mar 20	Jan - Mar 20
<b>Income</b>		
4000 · Watercraft Permits	1,466.00	1,466.00
4010 · Launch Fees	475.00	475.00
4020 · Marina & Club Fees	1,000.00	1,500.00
4030 · Sublease & Access Fees	8,820.00	17,970.00
4060 · Interest	0.00	221.24
4080 · Fishing Tournament	175.00	1,000.00
<b>Total Income</b>	11,936.00	22,632.24
<b>Expense</b>		
6000 · Manager	5,230.76	15,692.28
6001 · Operations Supervisor	2,773.08	8,319.24
6002 · Equipment Operations Supervisor	3,076.92	9,230.76
6010 · FICA	891.42	2,743.91
6020 · State Unemployment Tax	0.00	36.08
6025 · Merchant Fees	31.45	96.44
6030 · Retirement	1,573.52	4,720.56
6040 · Health Insurance	285.47	1,783.05
6070 · Gate Attendant	238.50	238.50
6111 · Dredger	0.00	450.00
6112 · Dredger (Other)	0.00	435.00
6113 · Assistant Dredger	0.00	270.00
6114 · Assistant Dredger (Other)	333.00	1,232.25
6120 · Season & Launch Permits	0.00	1,832.15
6130 · Daily Permits	0.00	130.65
6160 · Printer, Copier & Computer Supp	0.00	362.10
6180 · Postage	5.05	225.05
6190 · General Business Supplies	0.00	11.64
6200 · Regular Gas	60.86	63.93
6240 · Building & Grounds	646.11	1,817.53
6251 · Dredging Supplies	0.00	361.00
6300 · Accounting Services	0.00	450.00
6310 · Grass	0.00	440.00
6330 · Consulting Engineer	8,516.34	8,516.34
6370 · Phone, LDT, Pager, E-Mail	283.67	851.01
6430 · Ads	38.83	120.59
6450 · Insurance	3,139.75	19,006.75
6460 · Electric	390.00	1,248.90
6470 · Water	55.11	165.33
6480 · Trash	20.00	60.00
6490 · Port-O-Lets	170.00	510.00
6500 · Pump Holding Tank	0.00	200.00
6520 · Boat	276.50	638.00
6530 · Truck	0.00	75.57
6541 · Dredging Equipment Maintenance	1,600.00	1,600.00
6542 · Equipment Rental	0.00	9,004.71
6560 · Water Testing	0.00	2,520.00
6661 · Disposal Site Preparation	6,390.00	8,764.69
<b>Total Expense</b>	36,026.34	104,224.01
<b>Net Income</b>	<b>-24,090.34</b>	<b>-81,591.77</b>

10:38 AM

04/07/20

Accrual Basis

**LAKE LEMON CONSERVANCY**  
**Profit & Loss Budget vs. Actual**  
 January through March 2020

	Jan - Mar 20	Budget	\$ Over Budget	% of Budget
<b>Income</b>				
4000 · Watercraft Permits	1,466.00	115,000.00	-113,534.00	1.3%
4010 · Launch Fees	475.00	21,000.00	-20,525.00	2.3%
4020 · Marina & Club Fees	1,500.00	9,000.00	-7,500.00	16.7%
4030 · Sublease & Access Fees	17,970.00	27,000.00	-9,030.00	66.6%
4040 · Property Tax - Brown Co.	0.00	82,420.00	-82,420.00	0.0%
4050 · Property Tax -Monroe Co.	0.00	234,580.00	-234,580.00	0.0%
4060 · Interest	221.24	1,250.00	-1,028.76	17.7%
4070 · Grants & Donations	0.00	12,000.00	-12,000.00	0.0%
4071 · Community Foundation	0.00	0.00	0.00	0.0%
4080 · Fishing Tournament	1,000.00	1,500.00	-500.00	66.7%
4090 · Park Reservations	0.00	4,000.00	-4,000.00	0.0%
4100 · Park Admisioin Fees	0.00	44,000.00	-44,000.00	0.0%
4110 · Concessions	0.00	0.00	0.00	0.0%
4120 · Other Income	0.00	0.00	0.00	0.0%
4130 · Dredging/Rip-Rap Income	0.00	30,000.00	-30,000.00	0.0%
4140 · Dredging Equipment Loan Proceed	0.00	1,200,000.00	-1,200,000.00	0.0%
<b>Total Income</b>	<b>22,632.24</b>	<b>1,781,750.00</b>	<b>-1,759,117.76</b>	<b>1.3%</b>
<b>Expense</b>				
6000 · Manager	15,692.28	62,000.00	-46,307.72	25.3%
6001 · Operations Supervisor	8,319.24	36,050.00	-27,730.76	23.1%
6002 · Equipment Operations Supervisor	9,230.76	40,000.00	-30,769.24	23.1%
6010 · FICA	2,743.91	13,700.00	-10,956.09	20.0%
6020 · State Unemployment Tax	36.08	800.00	-763.92	4.5%
6025 · Merchant Fees	96.44	1,200.00	-1,103.56	8.0%
6030 · Retirement	4,720.56	15,200.00	-10,479.44	31.1%
6040 · Health Insurance	1,783.05	15,000.00	-13,216.95	11.9%
6050 · Life Insurance	0.00	0.00	0.00	0.0%
6070 · Gate Attendant	238.50	22,000.00	-21,761.50	1.1%
6100 · Lake Patrol	0.00	2,000.00	-2,000.00	0.0%
6110 · Lake Biologist	0.00	0.00	0.00	0.0%
6111 · Dredger	450.00	0.00	450.00	100.0%
6112 · Dredger (Other)	435.00	0.00	435.00	100.0%
6113 · Assistant Dredger	270.00	12,000.00	-11,730.00	2.3%
6114 · Assistant Dredger (Other)	1,232.25	6,000.00	-4,767.75	20.5%
6115 · Dredger (Private)	0.00	0.00	0.00	0.0%
6116 · Assistant Dredger (Private)	0.00	2,000.00	-2,000.00	0.0%
6120 · Season & Launch Permits	1,832.15	2,000.00	-167.85	91.6%
6130 · Daily Permits	130.65	400.00	-269.35	32.7%
6140 · Receipt/Tickets Books	0.00	400.00	-400.00	0.0%
6150 · Checks	0.00	200.00	-200.00	0.0%
6160 · Printer, Copier & Computer Supp	362.10	800.00	-437.90	45.3%
6170 · Miscellaneous-Other	0.00	1,300.00	-1,300.00	0.0%
6180 · Postage	225.05	750.00	-524.95	30.0%
6185 · Receipt Books	0.00	0.00	0.00	0.0%
6190 · General Business Supplies	11.64	750.00	-738.36	1.6%



10:38 AM

04/07/20

Accrual Basis

**LAKE LEMON CONSERVANCY**  
**Profit & Loss Budget vs. Actual**  
 January through March 2020

	Jan - Mar 20	Budget	\$ Over Budget	% of Budget
6200 · Regular Gas	63.93	7,000.00	-6,936.07	0.9%
6210 · Diesel	0.00	9,000.00	-9,000.00	0.0%
6220 · Janitorial Supplies	0.00	0.00	0.00	0.0%
6230 · Medical Supplies	0.00	0.00	0.00	0.0%
6240 · Building & Grounds	1,817.53	6,000.00	-4,182.47	30.3%
6250 · Boat/Weed Harvester/Truck	0.00	1,500.00	-1,500.00	0.0%
6251 · Dredging Supplies	361.00	12,000.00	-11,639.00	3.0%
6252 · Rip Rap/Erosion Control	0.00	15,000.00	-15,000.00	0.0%
6260 · Uniforms	0.00	600.00	-600.00	0.0%
6270 · Boat Equipment	0.00	0.00	0.00	0.0%
6280 · Radio/Communication Equipment	0.00	0.00	0.00	0.0%
6290 · Signs & Nautical Markers	0.00	3,000.00	-3,000.00	0.0%
6300 · Accounting Services	450.00	5,400.00	-4,950.00	8.3%
6310 · Grass	440.00	15,000.00	-14,560.00	2.9%
6320 · Attorney	0.00	4,000.00	-4,000.00	0.0%
6325 · Fish Managment Survey	0.00	0.00	0.00	0.0%
6330 · Consulting Engineer	8,516.34	50,000.00	-41,483.66	17.0%
6350 · Other Prof/Secretarial Service	0.00	1,000.00	-1,000.00	0.0%
6370 · Phone, LDT, Pager, E-Mail	851.01	3,000.00	-2,148.99	28.4%
6380 · Travel	0.00	0.00	0.00	0.0%
6390 · Hotel	0.00	300.00	-300.00	0.0%
6400 · Meals	0.00	150.00	-150.00	0.0%
6410 · Subscriptions	0.00	800.00	-800.00	0.0%
6420 · Newsletter	0.00	600.00	-600.00	0.0%
6430 · Ads	120.59	500.00	-379.41	24.1%
6440 · Other	0.00	1,500.00	-1,500.00	0.0%
6441 · Event Planning	0.00	1,500.00	-1,500.00	0.0%
6450 · Insurance	19,006.75	45,000.00	-25,993.25	42.2%
6460 · Electric	1,248.90	5,000.00	-3,751.10	25.0%
6470 · Water	165.33	750.00	-584.67	22.0%
6480 · Trash	60.00	1,500.00	-1,440.00	4.0%
6490 · Port-O-Lets	510.00	2,000.00	-1,490.00	25.5%
6500 · Pump Holding Tank	200.00	800.00	-600.00	25.0%
6510 · Building & Grounds Expense	0.00	10,000.00	-10,000.00	0.0%
6520 · Boat	638.00	2,000.00	-1,362.00	31.9%
6530 · Truck	75.57	1,000.00	-924.43	7.6%
6540 · Sluice Gate Inspection	0.00	0.00	0.00	0.0%
6541 · Dredging Equipment Maintenance	1,600.00	10,000.00	-8,400.00	16.0%
6542 · Equipment Rental	9,004.71	7,500.00	1,504.71	120.1%
6560 · Water Testing	2,520.00	6,500.00	-3,980.00	38.8%
6570 · Lake Weed Treatment	0.00	50,000.00	-50,000.00	0.0%
6580 · Erosion Control/Matching Fund	0.00	0.00	0.00	0.0%
6590 · Contingency Funds 10%	0.00	5,000.00	-5,000.00	0.0%
6600 · 6% MarinaPermit Sales	0.00	2,300.00	-2,300.00	0.0%
6610 · Cumulative Maintenance Fund	0.00	7,500.00	-7,500.00	0.0%
6620 · Dam/Spillway Inspection	0.00	0.00	0.00	0.0%
6630 · Spillway Repairs	0.00	5,000.00	-5,000.00	0.0%

10:38 AM  
04/07/20  
Accrual Basis

**LAKE LEMON CONSERVANCY**  
**Profit & Loss Budget vs. Actual**  
January through March 2020

	Jan - Mar 20	Budget	\$ Over Budget	% of Budget
6640 · Soil Testing IDEM	0.00	0.00	0.00	0.0%
6650 · Dredge Matching Fund	0.00	0.00	0.00	0.0%
6661 · Disposal Site Preparation	8,764.69	15,000.00	-6,235.31	58.4%
6662 · Debt Service-Dredging Loan	0.00	67,000.00	-67,000.00	0.0%
6663 · Barge Assembly	0.00	0.00	0.00	0.0%
6670 · Debt Service (Dredging Equip.)	0.00	0.00	0.00	0.0%
6680 · Other Services and Charges	0.00	1,500.00	-1,500.00	0.0%
6681 · Fireworks	0.00	8,000.00	-8,000.00	0.0%
6682 · Ramp Repairs	0.00	2,000.00	-2,000.00	0.0%
6690 · Office Equipment	0.00	0.00	0.00	0.0%
6700 · Computer Equipment	0.00	0.00	0.00	0.0%
6701 · Barge	0.00	0.00	0.00	0.0%
6702 · Push Boat/Motors	0.00	0.00	0.00	0.0%
6703 · Excavator	0.00	0.00	0.00	0.0%
6704 · Off Road Truck	0.00	200,000.00	-200,000.00	0.0%
6705 · Utility Truck	0.00	0.00	0.00	0.0%
6706 · Bulldozer	0.00	0.00	0.00	0.0%
6710 · Boat Dock	0.00	0.00	0.00	0.0%
6720 · Utility Vehicle	0.00	0.00	0.00	0.0%
6730 · Patrol Boat	0.00	0.00	0.00	0.0%
6740 · Work Boat (Pontoon)	0.00	0.00	0.00	0.0%
6750 · Sediment Mitigation	0.00	950,000.00	-950,000.00	0.0%
6770 · LLCD Pick-up Truck	0.00	0.00	0.00	0.0%
6780 · Gatehouse	0.00	30,000.00	-30,000.00	0.0%
<b>Total Expense</b>	<b>104,224.01</b>	<b>1,807,750.00</b>	<b>-1,703,525.99</b>	<b>5.8%</b>
<b>Net Income</b>	<b>-81,591.77</b>	<b>-26,000.00</b>	<b>-55,591.77</b>	<b>313.8%</b>

1:14 PM

04/07/20

**LAKE LEMON CONSERVANCY**  
**Reconciliation Summary**  
**1000 - Peoples State Bank, Period Ending 03/31/2020**

	<u>Mar 31, 20</u>
Beginning Balance	316,989.04
Cleared Transactions	
Checks and Payments - 27 items	-38,132.00
Deposits and Credits - 7 items	11,936.00
Total Cleared Transactions	<u>-26,196.00</u>
Cleared Balance	<u>290,793.04</u>
Uncleared Transactions	
Checks and Payments - 1 item	<u>-1,342.75</u>
Total Uncleared Transactions	<u>-1,342.75</u>
Register Balance as of 03/31/2020	<u>289,450.29</u>
New Transactions	
Checks and Payments - 9 items	<u>-1,554.66</u>
Total New Transactions	<u>-1,554.66</u>
Ending Balance	<u>287,895.63</u>

1:14 PM

04/07/20

**LAKE LEMON CONSERVANCY**  
**Reconciliation Detail**  
**1000 - Peoples State Bank, Period Ending 03/31/2020**

Type	Date	Num	Name	Clr	Amount	Balance
<b>Beginning Balance</b>						316,989.04
<b>Cleared Transactions</b>						
<b>Checks and Payments - 27 items</b>						
Check	2/24/2020	4922	VISA	X	-760.84	-760.84
Check	2/24/2020	4920	MACALLISTER RE...	X	-749.05	-1,509.89
Check	2/24/2020	4923	COMCAST CABLE	X	-283.67	-1,793.56
Check	2/24/2020	4926	INDIANA STATE C...	X	-270.00	-2,063.56
Check	2/29/2020	4927	AMBETTER FROM ...	X	-463.32	-2,526.88
Check	2/29/2020	4929	N. ANDERSON EX...	X	-440.00	-2,966.88
Check	2/29/2020	4928	KNIGHT'S TRASH ...	X	-20.00	-2,986.88
Check	3/9/2020	4930	FIRST INSURANC...	X	-1,797.00	-4,783.88
Check	3/9/2020	4931	B & B WATER CORP	X	-55.11	-4,838.99
Check	3/9/2020	4932	LOWE'S COMPANI...	X	-15.66	-4,854.65
Check	3/17/2020	4937	CHRISTOPHER B ...	X	-8,516.34	-13,370.99
Check	3/17/2020	4938	A+ PERFORMANC...	X	-3,262.50	-16,633.49
Check	3/17/2020	4934	A+ PERFORMANC...	X	-3,127.50	-19,760.99
Check	3/17/2020	4944	JOHN NAYLOR TR...	X	-408.19	-20,169.18
Check	3/17/2020	4940	AMBETTER FROM ...	X	-285.47	-20,454.65
Check	3/17/2020	4943	COMCAST CABLE	X	-283.67	-20,738.32
Check	3/17/2020	4939	ALL ABOUT BOATS	X	-276.50	-21,014.82
Check	3/17/2020	4933	INDIANA STATE C...	X	-270.00	-21,284.82
Check	3/17/2020	4941	IZZY'S RENTAL	X	-170.00	-21,454.82
Check	3/17/2020	4942	AIM MEDIA INDIANA	X	-38.83	-21,493.65
Check	3/17/2020	4935	KNIGHT'S TRASH ...	X	-20.00	-21,513.65
Check	3/24/2020	4946	MILLER WELDING ...	X	-1,600.00	-23,113.65
Check	3/24/2020	4949	SCI REMC	X	-390.00	-23,503.65
Check	3/24/2020	4947	VISA	X	-288.17	-23,791.82
Check	3/24/2020	4945	INDIANA STATE C...	X	-270.00	-24,061.82
General Journal	3/31/2020			X	-7,865.70	-31,927.52
General Journal	3/31/2020			X	-6,204.48	-38,132.00
<b>Total Checks and Payments</b>					-38,132.00	-38,132.00
<b>Deposits and Credits - 7 items</b>						
General Journal	3/9/2020			X	1,000.00	1,000.00
General Journal	3/9/2020			X	3,750.00	4,750.00
General Journal	3/13/2020			X	3,080.00	7,830.00
Check	3/17/2020	4936	CHRISTOPHER B ...	X	0.00	7,830.00
General Journal	3/21/2020			X	2,040.00	9,870.00
General Journal	3/24/2020			X	1,451.00	11,321.00
General Journal	3/31/2020			X	615.00	11,936.00
<b>Total Deposits and Credits</b>					11,936.00	11,936.00
<b>Total Cleared Transactions</b>					-26,196.00	-26,196.00
<b>Cleared Balance</b>					-26,196.00	290,793.04
<b>Uncleared Transactions</b>						
<b>Checks and Payments - 1 item</b>						
Check	3/24/2020	4948	FIRST INSURANC...		-1,342.75	-1,342.75
<b>Total Checks and Payments</b>					-1,342.75	-1,342.75
<b>Total Uncleared Transactions</b>					-1,342.75	-1,342.75
<b>Register Balance as of 03/31/2020</b>					-27,538.75	289,450.29
<b>New Transactions</b>						
<b>Checks and Payments - 9 items</b>						
Check	4/7/2020	4959	NAPA AUTO PARTS		-399.92	-399.92
Check	4/7/2020	4958	STAPLES CREDIT ...		-368.32	-768.24
Check	4/7/2020	4951	NAPA AUTO PARTS		-288.92	-1,057.16
Check	4/7/2020	4956	YOUNG TRUCKIN...		-277.46	-1,334.62
Check	4/7/2020	4953	LOWE'S COMPANI...		-94.04	-1,428.66
Check	4/7/2020	4955	WRIGHT-HENNEPI...		-45.90	-1,474.56
Check	4/7/2020	4957	HERALD-TIMES		-34.82	-1,509.38
Check	4/7/2020	4952	KLEINDORFER HA...		-22.98	-1,532.36
Check	4/7/2020	4954	AIM MEDIA INDIANA		-22.30	-1,554.66
<b>Total Checks and Payments</b>					-1,554.66	-1,554.66



1:14 PM

04/07/20

**LAKE LEMON CONSERVANCY**

**Reconciliation Detail**

**1000 · Peoples State Bank, Period Ending 03/31/2020**

<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Clr</u>	<u>Amount</u>	<u>Balance</u>
Total New Transactions					-1,554.66	-1,554.66
Ending Balance					-29,093.41	287,895.63



LAKE LEMON CONSERVANCY

Financial Statements

For the Period Ending

January 1, 2020 thru April 30, 2020

(UNAUDITED)

Watkins Accounting

113 E. 19<sup>th</sup> Street

Bloomington, Indiana 47408

## LAKE LEMON CONSERVANCY

I have prepared the financial statements for LAKE LEMON CONSERVANCY as of April 30, 2020 on the basis used in the preparation of its federal income tax returns. The tax returns are prepared on the accrual basis when appropriate.

The following are the company's significant accounting policies under this basis:

Income Tax. No provision or liability for income taxes has been included in the financial statements.

Provision for Doubtful Accounts. No provision for doubtful accounts is made. The company follows the practice of charging off all accounts deemed uncollectible directly to expense.

Property and Equipment. Property and equipment, as well as liabilities pertaining thereto, are recorded at cost as determined for income tax purposes.

Shirley Watkins, CPA  
May 4, 2020

**LAKE LEMON CONSERVANCY**  
**Balance Sheet**  
**As of April 30, 2020**

	<u>Apr 30, 20</u>
<b>ASSETS</b>	
<b>Current Assets</b>	
Checking/Savings	
1000 · Peoples State Bank	260,854.47
1010 · Petty Cash	100.00
1020 · Change Fund	200.00
1030 · CD's General Fund	35,000.00
1040 · CD's Cumulative Maint Fund	107,014.71
1050 · Savings Account	5,949.28
<b>Total Checking/Savings</b>	<u>409,118.46</u>
<b>Total Current Assets</b>	409,118.46
<b>Fixed Assets</b>	
1500 · Land @ South Shore Dr	102,755.00
1510 · Trucks	132,761.25
1520 · Other Asset	12,093.11
1550 · Boats	354,750.00
1680 · Other Fixed Assets	239,581.79
<b>Total Fixed Assets</b>	<u>841,941.15</u>
<b>TOTAL ASSETS</b>	<u><u>1,251,059.61</u></u>
<b>LIABILITIES &amp; EQUITY</b>	
<b>Liabilities</b>	
<b>Current Liabilities</b>	
Other Current Liabilities	
2010 · FICA & Federal Taxes Payable	3,321.28
2020 · State & Co. Withholding Payable	531.44
<b>Total Other Current Liabilities</b>	<u>3,852.72</u>
<b>Total Current Liabilities</b>	<u>3,852.72</u>
<b>Total Liabilities</b>	3,852.72
<b>Equity</b>	
3000 · Opening Balance Equity	101,373.66
3040 · General Fund	503,214.77
3060 · Cumulative Maintenance Fund	101,942.92
3200 · Retained Earnings	651,067.21
Net Income	-110,391.67
<b>Total Equity</b>	<u>1,247,206.89</u>
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<u><u>1,251,059.61</u></u>

12:48 PM

05/04/20

Accrual Basis

# LAKE LEMON CONSERVANCY

## Profit & Loss YTD Comparison

### April 2020

	Apr 20	Jan - Apr 20
<b>Income</b>		
4000 · Watercraft Permits	5,695.00	7,161.00
4010 · Launch Fees	280.00	755.00
4020 · Marina & Club Fees	0.00	1,500.00
4030 · Sublease & Access Fees	0.00	17,970.00
4060 · Interest	218.82	440.06
4080 · Fishing Tournament	0.00	1,000.00
<b>Total Income</b>	6,193.82	28,826.06
<b>Expense</b>		
6000 · Manager	5,230.76	20,923.04
6001 · Operations Supervisor	2,773.08	11,092.32
6002 · Equipment Operations Supervisor	3,076.92	12,307.68
6010 · FICA	937.64	3,681.55
6020 · State Unemployment Tax	0.00	36.08
6025 · Merchant Fees	70.41	166.85
6030 · Retirement	1,573.52	6,294.08
6040 · Health Insurance	0.00	1,783.05
6070 · Gate Attendant	66.00	304.50
6111 · Dredger	0.00	450.00
6112 · Dredger (Other)	0.00	435.00
6113 · Assistant Dredger	0.00	270.00
6114 · Assistant Dredger (Other)	666.00	1,898.25
6116 · Assistant Dredger (Private)	444.00	444.00
6120 · Season & Launch Permits	0.00	1,832.15
6130 · Daily Permits	0.00	130.65
6160 · Printer, Copier & Computer Supp	343.56	705.66
6170 · Miscellaneous-Other	12.33	12.33
6180 · Postage	0.00	225.05
6190 · General Business Supplies	184.20	195.84
6200 · Regular Gas	57.19	121.12
6240 · Building & Grounds	227.97	2,045.50
6250 · Boat/Weed Harvester/Truck	86.10	86.10
6251 · Dredging Supplies	849.20	1,210.20
6252 · Rip Rap/Erosion Control	2,551.90	2,551.90
6300 · Accounting Services	1,350.00	1,800.00
6310 · Grass	0.00	440.00
6330 · Consulting Engineer	5,530.25	14,046.59
6370 · Phone, LDT, Pager, E-Mail	283.33	1,134.34
6410 · Subscriptions	104.99	104.99
6430 · Ads	57.12	177.71
6450 · Insurance	6,271.00	25,277.75
6460 · Electric	366.90	1,615.80
6470 · Water	55.11	220.44
6480 · Trash	349.86	409.86
6490 · Port-O-Lets	170.00	680.00
6500 · Pump Holding Tank	0.00	200.00
6510 · Building & Grounds Expense	545.00	545.00
6520 · Boat	0.00	638.00
6530 · Truck	0.00	75.57
6541 · Dredging Equipment Maintenance	0.00	1,600.00
6542 · Equipment Rental	0.00	9,004.71
6560 · Water Testing	0.00	2,520.00
6661 · Disposal Site Preparation	759.38	9,524.07
<b>Total Expense</b>	34,993.72	139,217.73
<b>Net Income</b>	<b>-28,799.90</b>	<b>-110,391.67</b>

12:50 PM

05/04/20

Accrual Basis

**LAKE LEMON CONSERVANCY**  
**Profit & Loss Prev Year Comparison**  
**January through April 2020**

	Jan - Apr 20	Jan - Apr 19	\$ Change	% Change
<b>Income</b>				
4000 · Watercraft Permits	7,161.00	16,059.00	-8,898.00	-55.4%
4010 · Launch Fees	755.00	5,079.00	-4,324.00	-85.1%
4020 · Marina & Club Fees	1,500.00	1,500.00	0.00	0.0%
4030 · Sublease & Access Fees	17,970.00	20,005.00	-2,035.00	-10.2%
4060 · Interest	440.06	436.34	3.72	0.9%
4080 · Fishing Tournament	1,000.00	800.00	200.00	25.0%
4090 · Park Reservations	0.00	250.00	-250.00	-100.0%
4100 · Park Admisioin Fees	0.00	120.00	-120.00	-100.0%
<b>Total Income</b>	<b>28,826.06</b>	<b>44,249.34</b>	<b>-15,423.28</b>	<b>-34.9%</b>
<b>Expense</b>				
6000 · Manager	20,923.04	20,246.16	676.88	3.3%
6001 · Operations Supervisor	11,092.32	10,461.52	630.80	6.0%
6002 · Equipment Operations Supervisor	12,307.68	0.00	12,307.68	100.0%
6010 · FICA	3,681.55	3,280.41	401.14	12.2%
6020 · State Unemployment Tax	36.08	19.25	16.83	87.4%
6025 · Merchant Fees	166.85	65.93	100.92	153.1%
6030 · Retirement	6,294.08	4,360.48	1,933.60	44.3%
6040 · Health Insurance	1,783.05	0.00	1,783.05	100.0%
6070 · Gate Attendant	304.50	1,393.13	-1,088.63	-78.1%
6110 · Lake Biologist	0.00	458.00	-458.00	-100.0%
6111 · Dredger	450.00	0.00	450.00	100.0%
6112 · Dredger (Other)	435.00	7,602.00	-7,167.00	-94.3%
6113 · Assistant Dredger	270.00	0.00	270.00	100.0%
6114 · Assistant Dredger (Other)	1,898.25	2,720.25	-822.00	-30.2%
6116 · Assistant Dredger (Private)	444.00	0.00	444.00	100.0%
6120 · Season & Launch Permits	1,832.15	1,883.39	-51.24	-2.7%
6130 · Daily Permits	130.65	270.00	-139.35	-51.6%
6160 · Printer, Copier & Computer Supp	705.66	828.20	-122.54	-14.8%
6170 · Miscellaneous-Other	12.33	310.47	-298.14	-96.0%
6180 · Postage	225.05	255.00	-29.95	-11.8%
6190 · General Business Supplies	195.84	204.41	-8.57	-4.2%
6200 · Regular Gas	121.12	2,162.16	-2,041.04	-94.4%
6210 · Diesel	0.00	1,947.08	-1,947.08	-100.0%
6240 · Building & Grounds	2,045.50	400.87	1,644.63	410.3%
6250 · Boat/Weed Harvester/Truck	86.10	93.97	-7.87	-8.4%
6251 · Dredging Supplies	1,210.20	2,992.03	-1,781.83	-59.6%
6252 · Rip Rap/Erosion Control	2,551.90	1,168.46	1,383.44	118.4%
6300 · Accounting Services	1,800.00	1,800.00	0.00	0.0%
6310 · Grass	440.00	0.00	440.00	100.0%
6330 · Consulting Engineer	14,046.59	0.00	14,046.59	100.0%
6350 · Other Prof/Secretarial Service	0.00	500.00	-500.00	-100.0%
6370 · Phone, LDT, Pager, E-Mail	1,134.34	1,098.98	35.36	3.2%
6390 · Hotel	0.00	396.50	-396.50	-100.0%
6400 · Meals	0.00	52.00	-52.00	-100.0%
6410 · Subscriptions	104.99	210.00	-105.01	-50.0%
6430 · Ads	177.71	43.03	134.68	313.0%
6440 · Other	0.00	158.40	-158.40	-100.0%
6450 · Insurance	25,277.75	27,727.75	-2,450.00	-8.8%
6460 · Electric	1,615.80	1,827.80	-212.00	-11.6%
6470 · Water	220.44	220.44	0.00	0.0%
6480 · Trash	409.86	134.15	275.71	205.5%
6490 · Port-O-Lets	680.00	1,689.00	-1,009.00	-59.7%
6500 · Pump Holding Tank	200.00	300.00	-100.00	-33.3%
6510 · Building & Grounds Expense	545.00	3,814.00	-3,269.00	-85.7%
6520 · Boat	638.00	322.77	315.23	97.7%
6530 · Truck	75.57	499.43	-423.86	-84.9%
6541 · Dredging Equipment Maintenance	1,600.00	1,394.88	205.12	14.7%
6542 · Equipment Rental	9,004.71	0.00	9,004.71	100.0%
6560 · Water Testing	2,520.00	0.00	2,520.00	100.0%
6620 · Dam/Spillway Inspection	0.00	5,343.22	-5,343.22	-100.0%
6630 · Spillway Repairs	0.00	550.00	-550.00	-100.0%
6661 · Disposal Site Preparation	9,524.07	12,126.53	-2,602.46	-21.5%
<b>Total Expense</b>	<b>139,217.73</b>	<b>123,332.05</b>	<b>15,885.68</b>	<b>12.9%</b>



12:50 PM

05/04/20

Accrual Basis

**LAKE LEMON CONSERVANCY**  
**Profit & Loss Prev Year Comparison**  
**January through April 2020**

	<u>Jan - Apr 20</u>	<u>Jan - Apr 19</u>	<u>\$ Change</u>	<u>% Change</u>
Net Income	<u>-110,391.67</u>	<u>-79,082.71</u>	<u>-31,308.96</u>	<u>-39.6%</u>

12:53 PM

05/04/20

Accrual Basis

**LAKE LEMON CONSERVANCY**  
**Profit & Loss Budget vs. Actual**  
 January 1 through May 4, 2020

	Jan 1 - May 4, 20	Budget	\$ Over Budget	% of Budget
<b>Income</b>				
4000 · Watercraft Permits	7,161.00	115,000.00	-107,839.00	6.2%
4010 · Launch Fees	755.00	21,000.00	-20,245.00	3.6%
4020 · Marina & Club Fees	1,500.00	9,000.00	-7,500.00	16.7%
4030 · Sublease & Access Fees	17,970.00	27,000.00	-9,030.00	66.6%
4040 · Property Tax - Brown Co.	0.00	82,420.00	-82,420.00	0.0%
4050 · Property Tax -Monroe Co.	0.00	234,580.00	-234,580.00	0.0%
4060 · Interest	440.06	1,250.00	-809.94	35.2%
4070 · Grants & Donations	0.00	12,000.00	-12,000.00	0.0%
4071 · Community Foundation	0.00	0.00	0.00	0.0%
4080 · Fishing Tournament	1,000.00	1,500.00	-500.00	66.7%
4090 · Park Reservations	0.00	4,000.00	-4,000.00	0.0%
4100 · Park Admisioin Fees	0.00	44,000.00	-44,000.00	0.0%
4110 · Concessions	0.00	0.00	0.00	0.0%
4120 · Other Income	0.00	0.00	0.00	0.0%
4130 · Dredging/Rip-Rap Income	0.00	30,000.00	-30,000.00	0.0%
4140 · Dredging Equipment Loan Proceed	0.00	1,200,000.00	-1,200,000.00	0.0%
<b>Total Income</b>	<b>28,826.06</b>	<b>1,781,750.00</b>	<b>-1,752,923.94</b>	<b>1.6%</b>
<b>Expense</b>				
6000 · Manager	20,923.04	62,000.00	-41,076.96	33.7%
6001 · Operations Supervisor	11,092.32	36,050.00	-24,957.68	30.8%
6002 · Equipment Operations Supervisor	12,307.68	40,000.00	-27,692.32	30.8%
6010 · FICA	3,681.55	13,700.00	-10,018.45	26.9%
6020 · State Unemployment Tax	36.08	800.00	-763.92	4.5%
6025 · Merchant Fees	166.85	1,200.00	-1,033.15	13.9%
6030 · Retirement	6,294.08	15,200.00	-8,905.92	41.4%
6040 · Health Insurance	2,068.52	15,000.00	-12,931.48	13.8%
6050 · Life Insurance	0.00	0.00	0.00	0.0%
6060 · Dental Insurance	0.00	0.00	0.00	0.0%
6070 · Gate Attendant	304.50	22,000.00	-21,695.50	1.4%
6080 · Seasonal Labor	0.00	0.00	0.00	0.0%
6090 · Park Maintenance Technician	0.00	0.00	0.00	0.0%
6100 · Lake Patrol	0.00	2,000.00	-2,000.00	0.0%
6110 · Lake Biologist	0.00	0.00	0.00	0.0%
6111 · Dredger	450.00	0.00	450.00	100.0%
6112 · Dredger (Other)	435.00	0.00	435.00	100.0%
6113 · Assistant Dredger	270.00	12,000.00	-11,730.00	2.3%
6114 · Assistant Dredger (Other)	1,898.25	6,000.00	-4,101.75	31.6%
6115 · Dredger (Private)	0.00	0.00	0.00	0.0%
6116 · Assistant Dredger (Private)	444.00	2,000.00	-1,556.00	22.2%
6120 · Season & Launch Permits	1,832.15	2,000.00	-167.85	91.6%
6130 · Daily Permits	130.65	400.00	-269.35	32.7%
6140 · Receipt/Tickets Books	0.00	400.00	-400.00	0.0%
6150 · Checks	0.00	200.00	-200.00	0.0%
6160 · Printer, Copier & Computer Supp	705.66	800.00	-94.34	88.2%
6170 · Miscellaneous-Other	12.33	1,300.00	-1,287.67	0.9%

12:53 PM

05/04/20

Accrual Basis

**LAKE LEMON CONSERVANCY**  
**Profit & Loss Budget vs. Actual**  
 January 1 through May 4, 2020

	Jan 1 - May 4, 20	Budget	\$ Over Budget	% of Budget
6180 · Postage	225.05	750.00	-524.95	30.0%
6185 · Receipt Books	0.00	0.00	0.00	0.0%
6190 · General Business Supplies	195.84	750.00	-554.16	26.1%
6200 · Regular Gas	121.12	7,000.00	-6,878.88	1.7%
6210 · Diesel	0.00	9,000.00	-9,000.00	0.0%
6220 · Janitorial Supplies	0.00	0.00	0.00	0.0%
6230 · Medical Supplies	0.00	0.00	0.00	0.0%
6240 · Building & Grounds	2,045.50	6,000.00	-3,954.50	34.1%
6250 · Boat/Weed Harvester/Truck	86.10	1,500.00	-1,413.90	5.7%
6251 · Dredging Supplies	1,210.20	12,000.00	-10,789.80	10.1%
6252 · Rip Rap/Erosion Control	2,551.90	15,000.00	-12,448.10	17.0%
6260 · Uniforms	0.00	600.00	-600.00	0.0%
6270 · Boat Equipment	0.00	0.00	0.00	0.0%
6280 · Radio/Communication Equipment	0.00	0.00	0.00	0.0%
6290 · Signs & Nautical Markers	0.00	3,000.00	-3,000.00	0.0%
6300 · Accounting Services	1,800.00	5,400.00	-3,600.00	33.3%
6310 · Grass	440.00	15,000.00	-14,560.00	2.9%
6320 · Attorney	0.00	4,000.00	-4,000.00	0.0%
6325 · Fish Management Survey	0.00	0.00	0.00	0.0%
6330 · Consulting Engineer	14,046.59	50,000.00	-35,953.41	28.1%
6340 · State Board Accounts Audit	0.00	0.00	0.00	0.0%
6350 · Other Prof/Secretarial Service	0.00	1,000.00	-1,000.00	0.0%
6370 · Phone, LDT, Pager, E-Mail	1,134.34	3,000.00	-1,865.66	37.8%
6380 · Travel	0.00	0.00	0.00	0.0%
6390 · Hotel	0.00	300.00	-300.00	0.0%
6400 · Meals	0.00	150.00	-150.00	0.0%
6410 · Subscriptions	104.99	800.00	-695.01	13.1%
6420 · Newsletter	0.00	600.00	-600.00	0.0%
6430 · Ads	177.71	500.00	-322.29	35.5%
6440 · Other	0.00	1,500.00	-1,500.00	0.0%
6441 · Event Planning	0.00	1,500.00	-1,500.00	0.0%
6450 · Insurance	25,277.75	45,000.00	-19,722.25	56.2%
6460 · Electric	1,615.80	5,000.00	-3,384.20	32.3%
6470 · Water	220.44	750.00	-529.56	29.4%
6480 · Trash	409.86	1,500.00	-1,090.14	27.3%
6490 · Port-O-Lets	680.00	2,000.00	-1,320.00	34.0%
6500 · Pump Holding Tank	200.00	800.00	-600.00	25.0%
6510 · Building & Grounds Expense	545.00	10,000.00	-9,455.00	5.5%
6520 · Boat	638.00	2,000.00	-1,362.00	31.9%
6530 · Truck	75.57	1,000.00	-924.43	7.6%
6540 · Sluice Gate Inspection	0.00	0.00	0.00	0.0%
6541 · Dredging Equipment Maintenance	1,600.00	10,000.00	-8,400.00	16.0%
6542 · Equipment Rental	9,004.71	7,500.00	1,504.71	120.1%
6550 · Operating Loan	0.00	0.00	0.00	0.0%
6560 · Water Testing	2,520.00	6,500.00	-3,980.00	38.8%
6570 · Lake Weed Treatment	0.00	50,000.00	-50,000.00	0.0%
6580 · Erosion Control/Matching Fund	0.00	0.00	0.00	0.0%



12:53 PM

05/04/20

Accrual Basis

**LAKE LEMON CONSERVANCY**  
**Profit & Loss Budget vs. Actual**  
 January 1 through May 4, 2020

	Jan 1 - May 4, 20	Budget	\$ Over Budget	% of Budget
6590 · Contingency Funds 10%	0.00	5,000.00	-5,000.00	0.0%
6600 · 6% Marina Permit Sales	0.00	2,300.00	-2,300.00	0.0%
6610 · Cumulative Maintenance Fund	0.00	7,500.00	-7,500.00	0.0%
6620 · Dam/Spillway Inspection	0.00	0.00	0.00	0.0%
6630 · Spillway Repairs	0.00	5,000.00	-5,000.00	0.0%
6640 · Soil Testing IDEM	0.00	0.00	0.00	0.0%
6650 · Dredge Matching Fund	0.00	0.00	0.00	0.0%
6660 · Dredging/Engineering	0.00	0.00	0.00	0.0%
6661 · Disposal Site Preparation	9,524.07	15,000.00	-5,475.93	63.5%
6662 · Debt Service-Dredging Loan	0.00	67,000.00	-67,000.00	0.0%
6663 · Barge Assembly	0.00	0.00	0.00	0.0%
6670 · Debt Service (Dredging Equip.)	0.00	0.00	0.00	0.0%
6680 · Other Services and Charges	0.00	1,500.00	-1,500.00	0.0%
6681 · Fireworks	0.00	8,000.00	-8,000.00	0.0%
6682 · Ramp Repairs	0.00	2,000.00	-2,000.00	0.0%
6685 · Dredging Engineering	0.00	0.00	0.00	0.0%
6690 · Office Equipment	0.00	0.00	0.00	0.0%
66900 · Reconciliation Discrepancies	0.00	0.00	0.00	0.0%
6700 · Computer Equipment	0.00	0.00	0.00	0.0%
6701 · Barge	0.00	0.00	0.00	0.0%
6702 · Push Boat/Motors	0.00	0.00	0.00	0.0%
6703 · Excavator	0.00	0.00	0.00	0.0%
6704 · Off Road Truck	0.00	200,000.00	-200,000.00	0.0%
6705 · Utility Truck	0.00	0.00	0.00	0.0%
6706 · Bulldozer	0.00	0.00	0.00	0.0%
6710 · Boat Dock	0.00	0.00	0.00	0.0%
6720 · Utility Vehicle	0.00	0.00	0.00	0.0%
6730 · Patrol Boat	0.00	0.00	0.00	0.0%
6740 · Work Boat (Pontoon)	0.00	0.00	0.00	0.0%
6750 · Sediment Mitigation	0.00	950,000.00	-950,000.00	0.0%
6760 · Other Capital Outlays	0.00	0.00	0.00	0.0%
6770 · LLC/D Pick-up Truck	0.00	0.00	0.00	0.0%
6780 · Gatehouse	0.00	30,000.00	-30,000.00	0.0%
<b>Total Expense</b>	<b>139,503.20</b>	<b>1,807,750.00</b>	<b>-1,668,246.80</b>	<b>7.7%</b>
<b>Net Income</b>	<b>-110,677.14</b>	<b>-26,000.00</b>	<b>-84,677.14</b>	<b>425.7%</b>

**Lake Lemon Conservancy District**  
**Board Meeting Agenda Item**

<b>Presenter</b>	<b>Mike Blackwell, Treasurer</b>
<b>Action Requested</b>	<b>Approval</b>
<b>Item/Subject</b>	March <b>Report of Claims: Approval of Vouchers</b>
<b>Dollar Amount</b>	\$30,283.39
<b>Meeting Date</b>	June 2nd, 2020
<b>Summary</b>	<b>Report showing check detail and payroll expenditures for March 2020</b>
<b>Staff Recommendation</b>	<b>Approval of March 2020 Report of Claims</b>

**Date:** June 2, 2020

**ALLOWANCE OF VOUCHERS**

**Mike Blackwell**  
**Treasurer**

**(Report of Claims- March 2020)**

(IC 5-11-10-2 permits the governing body to sign the Accounts Payable Voucher Register in lieu of signing each claim the governing body is allowing.) We have examined the vouchers listed on the foregoing accounts payable voucher register and payroll journal, consisting of 5 pages, and except for vouchers not allowed as shown on the Register such vouchers are allowed in the total of \$30,283.39

Dated this 2nd Day of June 2020

**Signature of Governing Board**

\_\_\_\_\_  
**PAM DUGAN, CHAIRMAN**

\_\_\_\_\_  
**MARY JANE BROWN, VICE-CHAIR**

\_\_\_\_\_  
**MIKE BLACKWELL, TREASURER**

\_\_\_\_\_  
**MICHAEL KLITZING, Sub-Area I**

\_\_\_\_\_  
**DEBRA LADYMAN, Sub-Area II**

\_\_\_\_\_  
**LORA SCHELL, Sub-Area IV**

\_\_\_\_\_  
**LES WADZINSKI, Sub-Area V**

1:15 PM  
04/07/20

**LAKE LEMON CONSERVANCY**  
**Check Detail**  
March 2020

Type	Num	Date	Name	It...	Account	Paid Amount	Original Amount
Check	4930	3/9/2020	FIRST INSURANCE GROUP		1000 · Peoples Sta...		-1,797.00
					6450 · Insurance	-1,797.00	1,797.00
TOTAL						-1,797.00	1,797.00
Check	4931	3/9/2020	B & B WATER CORP		1000 · Peoples Sta...		-55.11
					6470 · Water	-55.11	55.11
TOTAL						-55.11	55.11
Check	4932	3/9/2020	LOWE'S COMPANIES, INC.		1000 · Peoples Sta...		-15.66
					6240 · Building & G...	-15.66	15.66
TOTAL						-15.66	15.66
Check	4933	3/17/2020	INDIANA STATE CENTRAL COLLECTI...		1000 · Peoples Sta...		-270.00
					2040 · CHILD SUP...	-270.00	270.00
TOTAL						-270.00	270.00
Check	4934	3/17/2020	A+ PERFORMANCE TRUCKING INC		1000 · Peoples Sta...		-3,127.50
			Dirt Hauling From Disposal Site		6661 · Disposal Sit...	-3,127.50	3,127.50
TOTAL						-3,127.50	3,127.50
Check	4935	3/17/2020	KNIGHT'S TRASH REMOVAL		1000 · Peoples Sta...		-20.00
					6480 · Trash	-20.00	20.00
TOTAL						-20.00	20.00
Check	4936	3/17/2020	CHRISTOPHER B BURKE ENGINEERI...		1000 · Peoples Sta...		0.00
TOTAL						0.00	0.00
Check	4937	3/17/2020	CHRISTOPHER B BURKE ENGINEERI...		1000 · Peoples Sta...		-8,516.34
			Disposal Site-Permitting work		6330 · Consulting E...	-8,516.34	8,516.34
TOTAL						-8,516.34	8,516.34

1:15 PM  
04/07/20

**LAKE LEMON CONSERVANCY**  
**Check Detail**  
**March 2020**

Type	Num	Date	Name	It...	Account	Paid Amount	Original Amount
Check	4938	3/17/2020	A+ PERFORMANCE TRUCKING INC		1000 · Peoples Sta...		-3,262.50
			Dirt hauling From Disposal Site		6661 · Disposal Sit...	-3,262.50	3,262.50
TOTAL						-3,262.50	3,262.50
Check	4939	3/17/2020	ALL ABOUT BOATS		1000 · Peoples Sta...		-276.50
			De-winterize pontoon and water pump fix		6520 · Boat	-276.50	276.50
TOTAL						-276.50	276.50
Check	4940	3/17/2020	AMBETTER FROM MHS		1000 · Peoples Sta...		-285.47
					6040 · Health Insur...	-285.47	285.47
TOTAL						-285.47	285.47
Check	4941	3/17/2020	IZZY'S RENTAL		1000 · Peoples Sta...		-170.00
					6490 · Port-O-Lets	-170.00	170.00
TOTAL						-170.00	170.00
Check	4942	3/17/2020	AIM MEDIA INDIANA		1000 · Peoples Sta...		-38.83
			Cumulative Improvement Fund legal ad- Brown County		6430 · Ads	-38.83	38.83
TOTAL						-38.83	38.83
Check	4943	3/17/2020	COMCAST CABLE		1000 · Peoples Sta...		-283.67
					6370 · Phone, LDT,...	-283.67	283.67
TOTAL						-283.67	283.67
Check	4944	3/17/2020	JOHN NAYLOR TRUCKING		1000 · Peoples Sta...		-408.19
			Stone for Maintenance Shed Parking		6240 · Building & G...	-408.19	408.19
TOTAL						-408.19	408.19
Check	4945	3/24/2020	INDIANA STATE CENTRAL COLLECTI...		1000 · Peoples Sta...		-270.00
					2040 · CHILD SUP...	-270.00	270.00
TOTAL						-270.00	270.00

1:15 PM

04/07/20

**LAKE LEMON CONSERVANCY**  
**Check Detail**  
 March 2020

Type	Num	Date	Name	It...	Account	Paid Amount	Original Amount
Check	4946	3/24/2020	MILLER WELDING LLC		1000 · Peoples Sta...		-1,600.00
			Push Boat Steering re-build		6541 · Dredging Eq...	-1,600.00	1,600.00
TOTAL						-1,600.00	1,600.00
Check	4947	3/24/2020	VISA		1000 · Peoples Sta...		-288.17
					6200 · Regular Gas	-60.86	60.86
					6180 · Postage	-5.05	5.05
			Park Gates- Repair Parts		6240 · Building & G...	-222.26	222.26
TOTAL						-288.17	288.17
Check	4948	3/24/2020	FIRST INSURANCE GROUP		1000 · Peoples Sta...		-1,342.75
					6450 · Insurance	-1,342.75	1,342.75
TOTAL						-1,342.75	1,342.75
Check	4949	3/24/2020	SCI REMC		1000 · Peoples Sta...		-390.00
					6460 · Electric	-390.00	390.00
TOTAL						-390.00	390.00

Total-\$22,417.69

# LAKE LEMON CONSERVANCY DISTRICT

## Payroll Summary

March 2020

	Allender, Clinton L			Brown, Andrew M			Casey, Adam W			Crandall, Alexander J			Edwards SR, R...	
	Hours	Rate	Mar 20	Hours	Rate	Mar 20	Hours	Rate	Mar 20	Hours	Rate	Mar 20	Hours	Rate
Employee Wages, Taxes and Adjustments														
Gross Pay														
Salary-6000			0.00			0.00			5,230.76			0.00		
Salary-6001			0.00			0.00			0.00			0.00		
Salary-6002			3,076.92			0.00			0.00			0.00		
Reg. Pay-6070			0.00	16.25	10.00	162.50			0.00	8	9.50	76.00		
Reg. Pay-6110			0.00			0.00			0.00			0.00		
Reg. Pay-6111		30.00	0.00			0.00			0.00			0.00		
Reg. Pay-6112		30.00	0.00			0.00			0.00			0.00		
Reg. Pay-6113			0.00			0.00			0.00			0.00		
Reg. Pay-6114		20.00	0.00			0.00			0.00			0.00	18	18.50
Reg. Pay-6115		29.00	0.00			0.00			0.00			0.00		
Reg. Pay-6116		20.00	0.00			0.00			0.00			0.00		
Total Gross Pay			3,076.92	16.25		162.50			5,230.76	8		76.00	18	
Deductions from Gross Pay														
Insurance			0.00			0.00			0.00			0.00		
Retirement			-92.30			0.00			-313.84			0.00		
Total Deductions from Gross Pay			-92.30			0.00			-313.84			0.00		
Adjusted Gross Pay			2,984.62	16.25		162.50			4,916.92	8		76.00	18	
Taxes Withheld														
Federal Withholding			-318.00			0.00			-762.00			0.00		
Medicare Employee			-44.62			-2.36			-75.85			-1.10		
Social Security Employee			-190.77			-10.08			-324.31			-4.71		
IN - Withholding			-96.40			-5.25			-158.82			-2.46		
Law. Co.			-52.24			0.00			0.00			0.00		
Medicare Employee Addl Tax			0.00			0.00			0.00			0.00		
Monroe Co.			0.00			-2.19			-53.84			-1.02		
Total Taxes Withheld			-702.03			-19.88			-1,374.82			-9.29		
Deductions from Net Pay														
Child Support			-540.00			0.00			0.00			0.00		
Total Deductions from Net Pay			-540.00			0.00			0.00			0.00		
Net Pay			<u>1,742.59</u>	<u>16.25</u>		<u>142.62</u>			<u>3,542.10</u>	<u>8</u>		<u>66.71</u>	<u>18</u>	
Employer Taxes and Contributions														
Federal Unemployment			0.00			0.98			0.00			0.46		
Medicare Company			44.62			2.36			75.85			1.10		
Social Security Company			190.77			10.08			324.31			4.71		
IN - Unemployment Company			12.31			0.81			0.00			0.38		
Total Employer Taxes and Contributions			<u>247.70</u>			<u>14.23</u>			<u>400.16</u>			<u>6.65</u>		



## LAKE LEMON CONSERVANCY DISTRICT

## Payroll Summary

March 2020

	Edwa...	Snooks, Franklin A			TOTAL		
	Mar 20	Hours	Rate	Mar 20	Hours	Rate	Mar 20
<b>Employee Wages, Taxes and Adjustments</b>							
Gross Pay							
Salary-6000	0.00			0.00			5,230.76
Salary-6001	0.00			2,773.08			2,773.08
Salary-6002	0.00			0.00			3,076.92
Reg. Pay-6070	0.00		11.50	0.00	24.25		238.50
Reg. Pay-6110	0.00		11.50	0.00			0.00
Reg. Pay-6111	0.00			0.00			0.00
Reg. Pay-6112	0.00			0.00			0.00
Reg. Pay-6113	0.00			0.00			0.00
Reg. Pay-6114	333.00			0.00	18.00		333.00
Reg. Pay-6115	0.00			0.00			0.00
Reg. Pay-6116	0.00			0.00			0.00
Total Gross Pay	333.00			2,773.08	42.25		11,652.26
Deductions from Gross Pay							
Insurance	0.00			0.00			0.00
Retirement	0.00			-83.20			-489.34
Total Deductions from Gross Pay	0.00			-83.20			-489.34
Adjusted Gross Pay	333.00			2,689.88	42.25		11,162.92
Taxes Withheld							
Federal Withholding	0.00			-282.00			-1,362.00
Medicare Employee	-4.83			-40.21			-168.97
Social Security Employee	-20.65			-171.93			-722.45
IN - Withholding	-10.76			-86.88			-360.57
Law. Co.	0.00			0.00			-52.24
Medicare Employee Addl Tax	0.00			0.00			0.00
Monroe Co.	-4.48			-29.46			-90.99
Total Taxes Withheld	-40.72			-610.48			-2,757.22
Deductions from Net Pay							
Child Support	0.00			0.00			-540.00
Total Deductions from Net Pay	0.00			0.00			-540.00
Net Pay	<u>292.28</u>			<u>2,079.40</u>	<u>42.25</u>		<u>7,865.70</u>
Employer Taxes and Contributions							
Federal Unemployment	1.99			8.72			12.15
Medicare Company	4.83			40.21			168.97
Social Security Company	20.65			171.93			722.45
IN - Unemployment Company	1.66			13.87			29.03
Total Employer Taxes and Contributions	<u>29.13</u>			<u>234.73</u>			<u>932.60</u>



**Lake Lemon Conservancy District**  
**Board Meeting Agenda Item**

<b>Presenter</b>	<b>Mike Blackwell, Treasurer</b>
<b>Action Requested</b>	<b>Approval</b>
<b>Item/Subject</b>	<b>April Report of Claims: Approval of Vouchers</b>
<b>Dollar Amount</b>	<b>\$28,718.81</b>
<b>Meeting Date</b>	<b>June 2nd, 2020</b>
<b>Summary</b>	<b>Report showing check detail and payroll expenditures for April 2020.</b>
<b>Staff Recommendation</b>	<b>Approval of April 2020 Report of Claims</b>

**Date:** June 2, 2020

**ALLOWANCE OF VOUCHERS**

**Mike Blackwell**  
**Treasurer**

**(Report of Claims- April 2020)**

(IC 5-11-10-2 permits the governing body to sign the Accounts Payable Voucher Register in lieu of signing each claim the governing body is allowing.) We have examined the vouchers listed on the foregoing accounts payable voucher register and payroll journal, consisting of 6 pages, and except for vouchers not allowed as shown on the Register such vouchers are allowed in the total of \$28,718.81

Dated this 2nd Day of June 2020

**Signature of Governing Board**

\_\_\_\_\_  
**PAM DUGAN, CHAIRMAN**

\_\_\_\_\_  
**MARY JANE BROWN, VICE-CHAIR**

\_\_\_\_\_  
**MIKE BLACKWELL, TREASURER**

\_\_\_\_\_  
**MICHAEL KLITZING, Sub-Area I**

\_\_\_\_\_  
**DEBRA LADYMAN, Sub-Area II**

\_\_\_\_\_  
**LORA SCHELL, Sub-Area IV**

\_\_\_\_\_  
**LES WADZINSKI, Sub-Area V**

**LAKE LEMON CONSERVANCY**  
**Check Detail**  
**April 2020**

Type	Num	Date	Name	Item	Account	Paid Amount	Original Amount
Check	4950	4/14/2020	INDIANA STATE C...		1000 · Peoples Sta...		-270.00
					2040 · CHILD SUP...	-270.00	270.00
TOTAL						-270.00	270.00
Check	4951	4/7/2020	NAPA AUTO PARTS		1000 · Peoples Sta...		0.00
TOTAL						0.00	0.00
Check	4952	4/7/2020	KLEINDORFER HA...		1000 · Peoples Sta...		-22.98
					6240 · Building & G...	-22.98	22.98
TOTAL						-22.98	22.98
Check	4953	4/7/2020	LOWE'S COMPANI...		1000 · Peoples Sta...		-94.04
					6240 · Building & G...	-94.04	94.04
TOTAL						-94.04	94.04
Check	4954	4/7/2020	AIM MEDIA INDIANA		1000 · Peoples Sta...		-22.30
			Cumulative Maintenance Fund Ad- Brown County	6430 · Ads		-22.30	22.30
TOTAL						-22.30	22.30
Check	4955	4/7/2020	WRIGHT-HENNEPI...		1000 · Peoples Sta...		-45.90
					6460 · Electric	-45.90	45.90
TOTAL						-45.90	45.90
Check	4956	4/7/2020	YOUNG TRUCKIN...		1000 · Peoples Sta...		-277.46
			Rip-Rap Stone		6252 · Rip Rap/Ero...	-277.46	277.46
TOTAL						-277.46	277.46
Check	4957	4/7/2020	HERALD-TIMES		1000 · Peoples Sta...		-34.82
			Cumulative Maintenance Fund Ad- Monroe County	6430 · Ads		-34.82	34.82
TOTAL						-34.82	34.82

**LAKE LEMON CONSERVANCY**  
**Check Detail**  
 April 2020

Type	Num	Date	Name	Item	Account	Paid Amount	Original Amount
Check	4958	4/7/2020	STAPLES CREDIT ...		1000 · Peoples Sta...		-368.32
				Printer Ink	6190 · General Busi... 6160 · Printer, Copi...	-24.76 -343.56	24.76 343.56
TOTAL						-368.32	368.32
Check	4959	4/7/2020	NAPA AUTO PARTS		1000 · Peoples Sta...		-399.92
			Solenoids for Small Barge Motor lifters		6251 · Dredging Su...	-399.92	399.92
TOTAL						-399.92	399.92
Check	4960	4/17/2020	CHRISTOPHER B ...		1000 · Peoples Sta...		-5,530.25
			Disposal Permit Work		6330 · Consulting E...	-5,530.25	5,530.25
TOTAL						-5,530.25	5,530.25
Check	4961	4/17/2020	IZZY'S RENTAL		1000 · Peoples Sta...		-170.00
					6490 · Port-O-Lets	-170.00	170.00
TOTAL						-170.00	170.00
Check	4962	4/17/2020	YOUNG TRUCKIN...		1000 · Peoples Sta...		-277.46
			Rip-Rap Stone		6252 · Rip Rap/Ero...	-277.46	277.46
TOTAL						-277.46	277.46
Check	4963	4/17/2020	DOTLICH CRANE		1000 · Peoples Sta...		-759.38
			Crane for Push boat		6661 · Disposal Sit...	-759.38	759.38
TOTAL						-759.38	759.38
Check	4964	4/17/2020	FIRST INSURANC...		1000 · Peoples Sta...		-6,271.00
					6450 · Insurance	-6,271.00	6,271.00
TOTAL						-6,271.00	6,271.00
Check	4965	4/17/2020	REPUBLIC SERVI...		1000 · Peoples Sta...		-349.86
					6480 · Trash	-349.86	349.86
TOTAL						-349.86	349.86

12:52 PM

05/28/20

**LAKE LEMON CONSERVANCY**  
**Check Detail**  
 April 2020

Type	Num	Date	Name	Item	Account	Paid Amount	Original Amount
Check	4966	4/17/2020	B & B WATER CORP		1000 · Peoples Sta...		-55.11
					6470 · Water	-55.11	55.11
TOTAL						-55.11	55.11
Check	4967	4/17/2020	COMCAST CABLE		1000 · Peoples Sta...		-283.33
					6370 · Phone, LDT,...	-283.33	283.33
TOTAL						-283.33	283.33
Check	4968	4/17/2020	MACALLISTER MA...		1000 · Peoples Sta...		-110.95
			Auger Rental		6240 · Building & G...	-110.95	110.95
TOTAL						-110.95	110.95
Check	4969	4/27/2020	INDIANA STATE C...		1000 · Peoples Sta...		-270.00
					2040 · CHILD SUP...	-270.00	270.00
TOTAL						-270.00	270.00
Check	4970	4/27/2020	WATKINS ACCOU...		1000 · Peoples Sta...		-1,350.00
					6300 · Accounting ...	-1,350.00	1,350.00
TOTAL						-1,350.00	1,350.00
Check	4971	4/27/2020	VISA		1000 · Peoples Sta...		-580.41
					6200 · Regular Gas	-57.19	57.19
			Rural King- Oil and Chain		6251 · Dredging Su...	-160.36	160.36
			Indiana Lakes Managment Society		6410 · Subscriptions	-104.99	104.99
			Amazon- New Cash register		6190 · General Busi...	-159.44	159.44
			Pine Grove -Spark Plugs and fuel filters		6250 · Boat/Weed ...	-86.10	86.10
					6170 · Miscellaneou...	-12.33	12.33
TOTAL						-580.41	580.41
Check	4972	4/27/2020	SCI REMC		1000 · Peoples Sta...		-321.00
					6460 · Electric	-321.00	321.00
TOTAL						-321.00	321.00

12:52 PM

05/28/20

**LAKE LEMON CONSERVANCY**  
**Check Detail**  
 April 2020

Type	Num	Date	Name	Item	Account	Paid Amount	Original Amount
Check	4973	4/27/2020	PAUL YOUNG PLU...		1000 · Peoples Sta...		-545.00
					6510 · Building & G...	-545.00	545.00
TOTAL						-545.00	545.00
Check	4974	4/27/2020	YOUNG TRUCKIN...		1000 · Peoples Sta...		-735.72
			Rip- Rap Stone		6252 · Rip Rap/Ero...	-735.72	735.72
TOTAL						-735.72	735.72
Check	4975	4/27/2020	JOHN NAYLOR TR...		1000 · Peoples Sta...		-1,261.26
			Rip- Rap Stone		6252 · Rip Rap/Ero...	-1,261.26	1,261.26
TOTAL						-1,261.26	1,261.26

Total- \$20,406.47

## LAKE LEMON CONSERVANCY DISTRICT

## Payroll Summary

April 2020

	Allender, Clinton L			Bode, Randall S			Casey, Adam W			Edwards SR, Roger A			Snoo...
	Hours	Rate	Apr 20	Hours	Rate	Apr 20	Hours	Rate	Apr 20	Hours	Rate	Apr 20	Hours
Employee Wages, Taxes and Adjustments													
Gross Pay													
Salary-6000			0.00			0.00			5,230.76			0.00	
Salary-6001			0.00			0.00			0.00			0.00	
Salary-6002			3,076.92			0.00			0.00			0.00	
Reg. Pay-6070			0.00	6	11.00	66.00			0.00			0.00	
Reg. Pay-6110			0.00			0.00			0.00			0.00	
Reg. Pay-6111		30.00	0.00			0.00			0.00			0.00	
Reg. Pay-6112		30.00	0.00			0.00			0.00			0.00	
Reg. Pay-6113			0.00			0.00			0.00			0.00	
Reg. Pay-6114		20.00	0.00			0.00			0.00	36	18.50	666.00	
Reg. Pay-6115		29.00	0.00			0.00			0.00			0.00	
Reg. Pay-6116		20.00	0.00			0.00			0.00	24	18.50	444.00	
Total Gross Pay			3,076.92	6		66.00			5,230.76	60		1,110.00	
Deductions from Gross Pay													
Insurance			0.00			0.00			0.00			0.00	
Retirement			-92.30			0.00			-313.84			0.00	
Total Deductions from Gross Pay			-92.30			0.00			-313.84			0.00	
Adjusted Gross Pay			2,984.62	6		66.00			4,916.92	60		1,110.00	
Taxes Withheld													
Federal Withholding			-318.00			0.00			-762.00			-84.00	
Medicare Employee			-44.61			-0.96			-75.84			-16.10	
Social Security Employee			-190.77			-4.09			-324.31			-68.82	
IN - Withholding			-96.40			-2.13			-158.82			-35.85	
Law. Co.			-52.24			0.00			0.00			0.00	
Medicare Employee Addl Tax			0.00			0.00			0.00			0.00	
Monroe Co.			0.00			-0.89			-53.84			-14.93	
Total Taxes Withheld			-702.02			-8.07			-1,374.81			-219.70	
Deductions from Net Pay													
Child Support			-540.00			0.00			0.00			0.00	
Total Deductions from Net Pay			-540.00			0.00			0.00			0.00	
Net Pay			<u>1,742.60</u>	<u>6</u>		<u>57.93</u>			<u>3,542.11</u>	<u>60</u>		<u>890.30</u>	
Employer Taxes and Contributions													
Federal Unemployment			0.00			0.40			0.00			6.66	
Medicare Company			44.61			0.96			75.84			16.10	
Social Security Company			190.77			4.09			324.31			68.82	
IN - Unemployment Company			0.00			0.33			0.00			5.55	
Total Employer Taxes and Contributions			<u>235.38</u>			<u>5.78</u>			<u>400.15</u>			<u>97.13</u>	



# LAKE LEMON CONSERVANCY DISTRICT

## Payroll Summary

### April 2020

	Snooks, Franklin A			TOTAL	
	Rate	Apr 20	Hours	Rate	Apr 20
Employee Wages, Taxes and Adjustments					
Gross Pay					
Salary-6000		0.00			5,230.76
Salary-6001		2,773.08			2,773.08
Salary-6002		0.00			3,076.92
Reg. Pay-6070	11.50	0.00	6.00		66.00
Reg. Pay-6110	11.50	0.00			0.00
Reg. Pay-6111		0.00			0.00
Reg. Pay-6112		0.00			0.00
Reg. Pay-6113		0.00			0.00
Reg. Pay-6114		0.00	36.00		666.00
Reg. Pay-6115		0.00			0.00
Reg. Pay-6116		0.00	24.00		444.00
Total Gross Pay		2,773.08	66.00		12,256.76
Deductions from Gross Pay					
Insurance		0.00			0.00
Retirement		-83.20			-489.34
Total Deductions from Gross Pay		-83.20			-489.34
Adjusted Gross Pay		2,689.88	66.00		11,767.42
Taxes Withheld					
Federal Withholding		-282.00			-1,446.00
Medicare Employee		-40.21			-177.72
Social Security Employee		-171.93			-759.92
IN - Withholding		-86.88			-380.08
Law. Co.		0.00			-52.24
Medicare Employee Addl Tax		0.00			0.00
Monroe Co.		-29.46			-99.12
Total Taxes Withheld		-610.48			-2,915.08
Deductions from Net Pay					
Child Support		0.00			-540.00
Total Deductions from Net Pay		0.00			-540.00
Net Pay		2,079.40	66.00		8,312.34
Employer Taxes and Contributions					
Federal Unemployment		0.00			7.06
Medicare Company		40.21			177.72
Social Security Company		171.93			759.92
IN - Unemployment Company		5.90			11.78
Total Employer Taxes and Contributions		218.04			956.48



**Lake Lemon Conservancy District**  
**Board Meeting Agenda Item**

<b>Presenter</b>	<b>Adam Casey , District manager</b>
<b>Action Requested</b>	Resolution 06-20-04: Tentative Adoption Sediment Management Project
<b>Item/Subject</b>	<b>Resolution 06-20-04</b>
<b>Dollar Amount</b>	N/A
<b>Meeting Date</b>	June 2, 2020
<b>Summary</b>	Approval of Resolution 06-20-04: Tentative Adoption of project of project Drawings, Specifications and Cost Estimates
<b>Staff Recommendation</b>	<b>Approve Resolution 06-20-04: Tentative Adoption Sediment Management Plan</b>

## **RESOLUTION 06-20-04**

**WHEREAS**, the Lake Lemon Conservancy District (LLCD) desires to initiate a Sediment Management Project (Project), that will include Disposal Site Creation, Hydraulic dredging, and the need for external financing.

**WHEREAS**, the LLCD seeks to remove upwards of 100,000 cubic yards of sediment in the eastern portion of lake lemon to achieve a minimum water depth of 5 feet at normal pool. The Project will begin with sediment removal on the southern portion of the area of concern, Zone 1 as illustrated in “Attachment A”, and continue northward (Zones 2, 3) to the extent that financing and disposal capacity will allow.

**WHEREAS**, the Project will include the creation and utilization of up to two hydraulic sluice settling ponds. The sites will be located along South Shore Drive as described in “Attachment B”.

**FURTHERMORE**, the LLCD will cap the project expenses at One Million Two Hundred Thousand Dollars (\$1,200,000.00). The tentative breakdown of cost is illustrated in “Attachment C”.

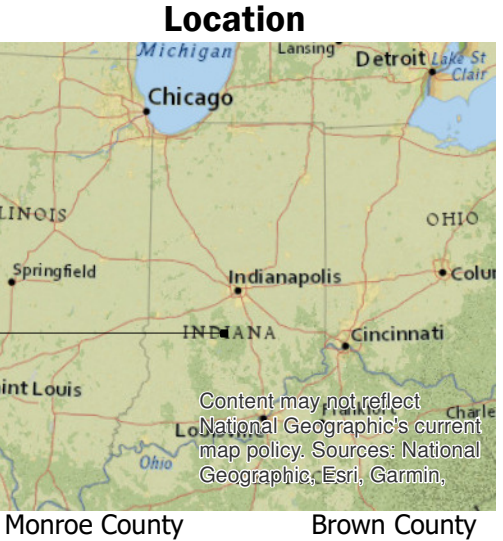
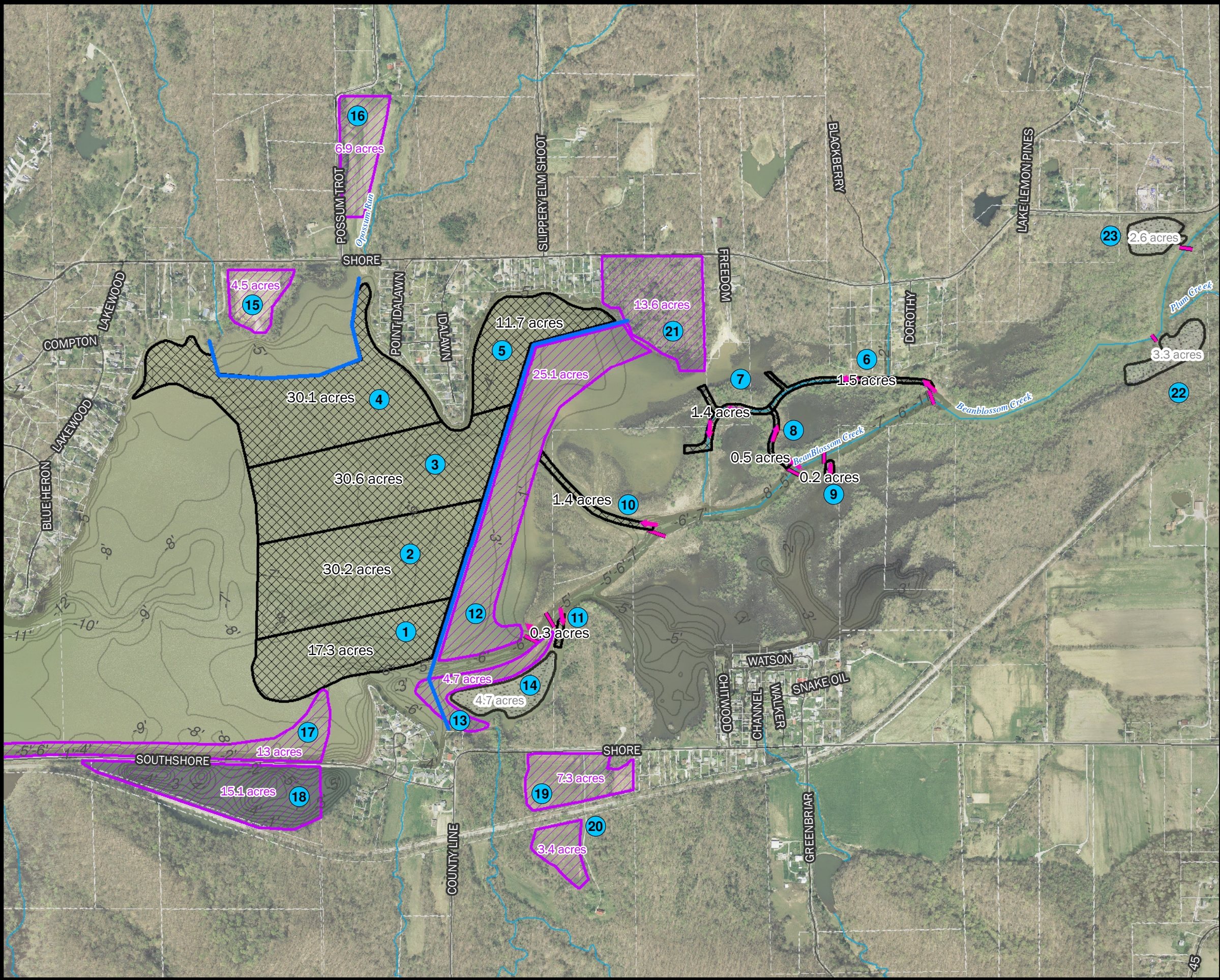
**THEREFORE, IT IS RESOLVED THAT** the Board of Directors of the Lake Lemon Conservancy District Tentatively adopt the project Drawings, Specifications, and Cost estimates; mutually described in the Preliminary Engineering Report (PER) “Attachment D”, and authorize the submission of the PER to the Natural Resources Commission, State Revolving Fund, and the Indiana Department of Environmental Management.

**ADOPTED BY THE FOLLOWING VOTE: this 2<sup>nd</sup> Day of June, 2020.**

<u><b>AYE</b></u>	<u><b>NAY</b></u>	<u><b>ABSTAIN</b></u>
_____ <b>PAM DUGAN, CHAIRMAN</b>	_____	_____
_____ <b>MARY JANE BROWN, VICE-CHAIR</b>	_____	_____
_____ <b>MIKE BLACKWELL, TREASURER</b>	_____	_____
_____ <b>MICHAEL KLITZING, Sub-Area I</b>	_____	_____
_____ <b>DEBRA LADYMAN, Sub-Area II</b>	_____	_____
_____ <b>LORA SCHELL, Sub-Area IV</b>	_____	_____
_____ <b>LES WADZINSKI, Sub-Area V</b>	_____	_____

**ATTEST:** \_\_\_\_\_ **LLCD Board Recorder**

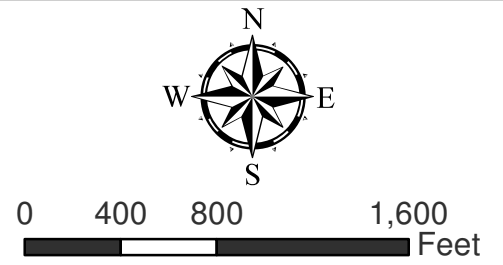




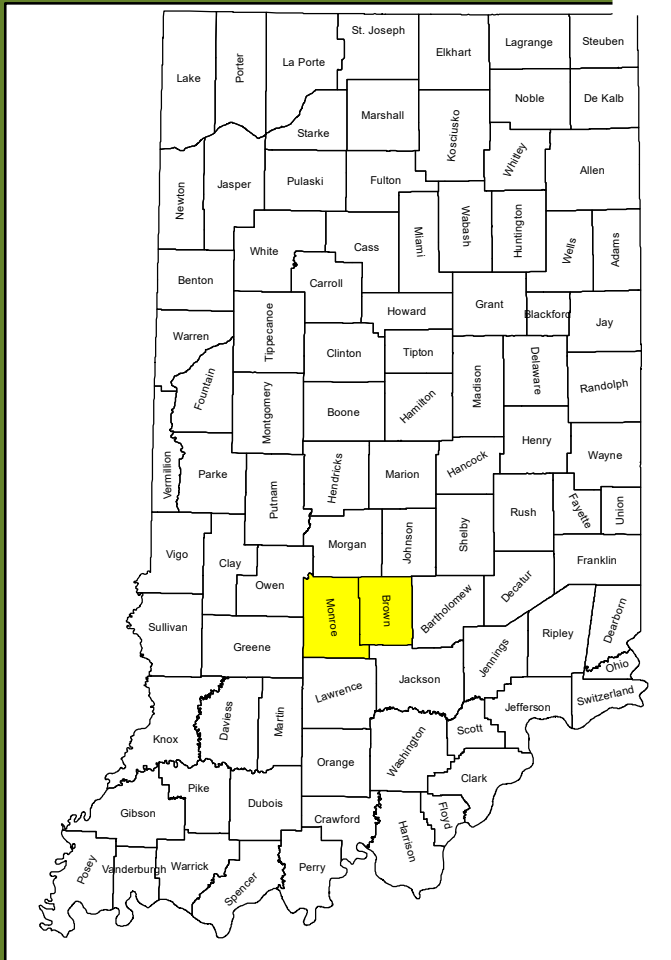
**Lake Lemon Sediment Mitigation Project**

**Figure 3 - Project Elements**

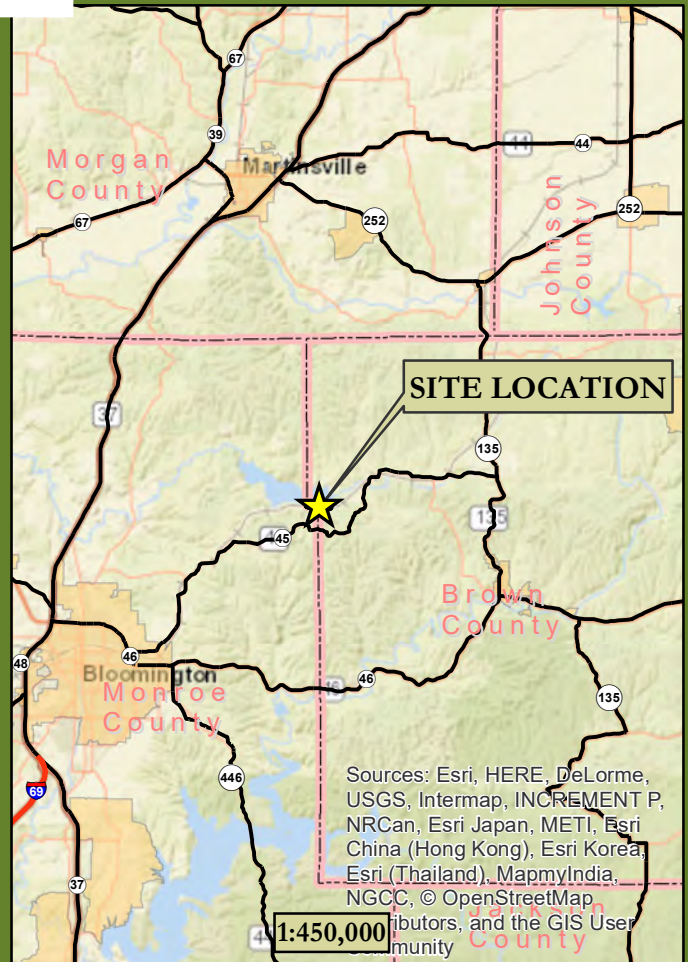
- Legend**
- Dredge Area
  - Disposal Areas
  - Approved Maintenance Line
  - Flow Direction
  - Low Flow Berms
  - Sediment Trap
  - Streams
  - Parcels
  - 2014 Bathymetric Study Contours
  - Project Element Number







STATE MAP



VICINITY MAP



AREA MAP



**Christopher B. Burke Engineering, LLC**  
 PNC Center, Suite 1368 South  
 115 West Washington Street  
 Indianapolis, Indiana 46204  
 (t) 317.266.8000 (f) 317.632.3306

PROJECT:

Lake Lemon Conservancy District  
 Dredge Disposal

PROJECT NO.

20-0029

APPROX. SCALE  
as shown

TITLE:

Site Location

DATE: 03/2020

EXHIBIT 1

Attachment "C"

Project Element No. = 1;2;3 (dredging zones):18;19 (Disposal sites)  
Project Element Description = Hydraulic Dredging and Disposal

Size (acres)	Depth of Dredging or Disposal	Dredge Volume (CYS)	Disposal Volume (CYS)	Estimated Cost
77 acres	5 feet final depth	84,000 +	-	\$ 1,200,000

ITEM	DESCRIPTION	QTY	UNIT	PRICE	TOTAL
1	Dredging Open Water - Standard Disposal	84,000	CYS	\$ 10	\$ 840,000.00
2	Purchase of Articulating Dump Truck	1		\$226,000.00	\$ 226,000.00
3	Creation of Disposal Sites and Planting			\$134,000.00	\$ 134,000.00
TOTAL					\$ 1,200,000



# **Preliminary Engineering Report**

## **Sediment Mitigation Project**

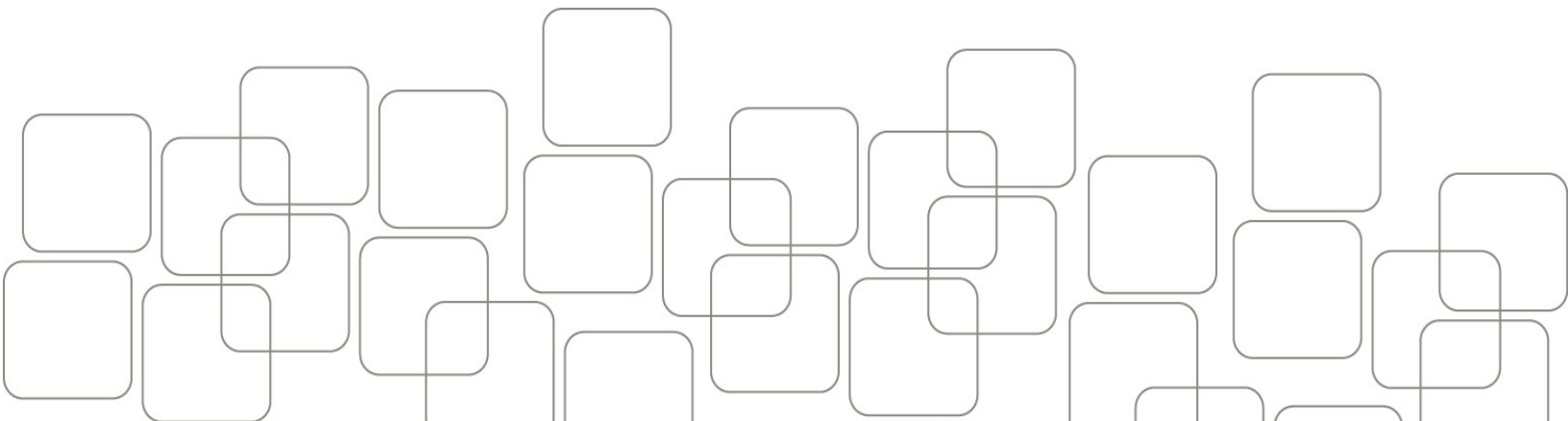
### **Lake Lemon Conservancy District**

*Monroe and Brown Counties, Indiana*

*February 25, 2020*



Lake Lemon Conservancy District  
7599 North Tunnel Road  
Unionville, IN 47468



# TABLE OF CONTENTS

Statement of Environmental Benefit and No Action Alternative.....	0
<b>1 Introduction and Background.....</b>	<b>1</b>
1.1 Introduction.....	1
1.2 Project Location.....	1
1.3 Background.....	2
1.4 Goals and Objectives .....	2
1.5 Stakeholders .....	2
<b>2 Data Collection and Analysis.....</b>	<b>3</b>
2.1 Past Studies .....	3
2.1.1 Sedimentation in Lake Lemon, 1974.....	3
2.1.2 Lake Lemon Diagnostic/Feasibility Study, 1986 .....	5
2.1.3 Lake Lemon Feasibility Study, 1992 .....	6
2.1.4 Lake Lemon District Plan, 1996 .....	7
2.1.5 Other Recent Reports Reviewed.....	8
<b>3 Sedimentation in Lake Lemon.....</b>	<b>8</b>
3.1 East End Delta Formation .....	8
3.2 Root Causes of Sedimentation in Lake Lemon.....	9
3.2.1 Highly Erodible Soils .....	9
3.2.2 Stream Bank Erosion .....	9
<b>4 Project Elements.....</b>	<b>10</b>
4.1 Summary of Approach.....	10
4.2 Main Dredging Areas (Elements No. 1 to 5) .....	10
4.3 Opening Old Channels (Elements No. 6 to 11) .....	10
4.4 In-Lake Disposal/Created Wetland Areas (Elements No. 12 and 13) .....	10
4.5 Sedimentation Basin (Elements No. 14, 22, and 23).....	11
4.6 Upland Disposal Sites (Elements No. 15, 16, 19 and 20).....	11
4.7 Lake Disposal Sites (Elements No. 17 and 18) .....	11
<b>5 Project Implementation .....</b>	<b>12</b>
5.1 Implementation Approach.....	12
5.1.1 Project Elements Eliminated .....	12
5.1.2 Opinion of Probably Construction Costs.....	12
5.1.3 Construction Methodology .....	12

5.2 Phase I – Open Flow Paths (Elements No. 6 to 11, 15).....13

5.3 Phase II – Main Dredging Area with In-Lake Disposal/Wetland Creation (Elements  
No. 1 to 3; 18, 19).....13

6 Conclusion ..... 14

APPENDICES

Appendix A .....Figures

Appendix B ..... USGS StreamStats

Appendix C .....Opinion of Probably Construction Costs

Appendix D ..... Grant Information

## Environmental Benefit Statement

In shallow lakes like Lake Lemon, sediment can play an important role in the nutrient dynamics and production of potentially harmful algae blooms and prevalence of nuisance levels of invasive flora. In 2008, Lake Lemon experienced its first cylindrospermopsis bloom that was at concentrations above state recreation guidelines and forced the public beach to close. Since then, the frequency of blue-green algae blooms continues to increase. Calumet bays regularly see blue-green algae in late summer and recreation warnings are becoming less infrequent. While the Lake Lemon Watershed is primarily forested and has less than 10 percent row crop land usage, the over 22 square miles of watershed that drains into Lake Lemon through its main tributary, over time, results in large external phosphorous input and entrapment. This phosphorous binds with sediment, and eventually results in phosphorus input primarily due to internal loading. Sediment removal and phosphorus inactivation have been used to control internal phosphorus loading from sediments in shallow lakes. Inactivation has included alum, lime and iron. These are the same chemicals used to remove Phosphorous from wastewater. Alum and lime treatments have relatively short effects on the order of 5 to 10 years. Dredging on the other hand, while more expensive initially, permanently reduces the nutrient loading by completely removing the sediment bound phosphorous. This technique has the added benefits of deepening the lake for recreational purposes. During the project the Lake Lemon Conservancy District aims to remove upwards of 100,000 cubic yards of sediment.

In addition to reducing internal nutrient loading through removal of nutrient laden sediments, The Conservancy District will utilise a currently inaccessible bay to store sediment. Following the placement of sediment in the bay, the area will be planted with emergent aquatic vegetation to create a treatment wetland. The density and types of plants will be dictated by permit requirements from the Army Corps of Engineers and the Indiana Department of Environmental Management. Rooted aquatic vegetation can uptake a significant amount of nutrients from surface water loading and sediment. The connectivity of the newly established emergent wetland will have the benefit of removing nutrients from sediment and ground/surface water inputs.

## No Action Alternative

Unlike glacial and natural lakes which may be around for thousands of years, reservoirs are created with the understanding that they are a finite resource with a life span. Lake Lemon was created in 1955 with an estimated life span of 120 years upon creation. This timeline assumed no maintenance, and did not foresee the creation of the Lake Lemon Conservancy District. Now more than halfway through the expected life span, the effects of sedimentation are becoming very observant. This project focuses on the eastern bay of Lake Lemon where water depths were once over 6 feet deep providing ample storage. Much of the area is now less than 2 feet deep. As a back up water supply for the City of Bloomington Utilities, this has a great impact on storage capacity, and water quality as increased sediment allows increased non-point source nutrient retention and ultimately internal loading. While Lake Lemon's in-house dredging has been providing access channel for lake users, it is not an effective way to reclaim open areas of the lake. If no action is taken, this area will no longer be usable for recreation within this decade, and internal nutrient loading will continue to threaten the lake with potentially toxic algal blooms. Action must be taken now, to preserve a back up water supply, maintain recreation capability, and reduce impacts from nutrient storage in sediment. The Lake Lemon Conservancy District has recently created funds within the Brown and Monroe County Community Foundations to raise money for future projects similar to this, however, that will take time. Action needs to be taken now and this funding will allow us to reclaim a large area of Lake Lemon. In a time when there never seems to be enough freshwater to go around, the no action alternative is to sit back and watch a precious resource disappear at an alarming rate.

## 1 Introduction and Background

### 1.1 Introduction

The Lake Lemon Conservancy District (LLCD) hired Shrewsberry & Associates, LLC to further expand efforts to prepare a conceptual level planning document, facilitate early agency coordination, and documentation of recent work efforts to procure a sediment mitigation project. The project aims to mitigate a massive amount of sediment that has accumulated at the east end of the reservoir and drastically reduced water levels. The sedimentation created a delta reducing the lake's surface area by as much as 140 acres since the lake was constructed in the mid-1950's. Without some sort of mitigation this loss of lake area will continue.

The Lake Lemon Sediment Mitigation project will provide solutions for the sediment issues in the Lake. The project aims to dredge (or excavate) the sediment from the lake and provide increased recreation use, water quality, and natural habitat. Solutions will consider watershed stresses that have contributed to the sediment buildup and look at best management practices to limit future sedimentation. t

### 1.2 Project Location



Figure 1-1 - Project Location Map  
Lemon Watershed.

Lake Lemon is in Monroe and Brown Counties and is approximately 12 miles northeast of Bloomington, Indiana and approximately 50 miles south of Indianapolis, Indiana as shown in Figure 1. Lake Lemon is the 11<sup>th</sup> largest lake and the 7<sup>th</sup> largest public reservoir in Indiana with a size of approximately 14,400 acres (originally). The Lake Lemon watershed drains approximately 70 square miles of land of which, 58 square miles enters the east end of the reservoir through Beanblossom Creek. **Figure 1 in Appendix A**, shows a more detailed location map identifying the Lake Lemon upstream watershed. **Appendix B** includes a report from the USGS Streamstats for the Lake

### **1.3 Background**

The Lake Lemon reservoir served the community for over 60 years as a recreational destination for the area and a backup water supply to the City of Bloomington. The LLCD was formed in 1995 and is dedicated to maintaining the reservoir's water quality and recreational use. The LLCD is an active organization with seven elected volunteer directors comprised of Lake Lemon landowners. The LLCD hosts monthly meetings to carry out business and accomplish necessary tasks.

Sedimentation is the number one threat to man-made reservoirs. "Filling in" of reservoirs with sediment is an inevitable fate unless actions are taken to remove and control sediment build-up. Lake Lemon is primarily feed by Beanblossom Creek which has a watershed upstream of Lake Lemon of about 22.7 square miles. The watershed's primary soil types are highly erodible soils which led to sedimentation from the banks of tributaries and steep slopes of Brown County. Several hundred thousand cubic yards of sedimentation have been estimated to be on the lake's bottom in past studies. Additional estimates show that the buildup of sediment is occurring at 15 to 40 thousand cubic yards per year. The current sediment removal program focuses on navigable channels and shore line sediment removal. However, to maintain the recreational uses and water quality of Lake Lemon, a larger scale project is needed. This project will likely need to be in several phases and include sediment removal in controlled areas as it accumulates in the future. **Figure 2 in Appendix A** shows the current and historic flow paths in Lake Lemon.

### **1.4 Goals and Objectives**

Goals and objectives for this study include the following:

- Sediment Removal
- Identified the Preferred Concept and Scope
- Prepare Cost Estimate of Each Alternative
- Create Better Sedimentation Capture
- Develop Schedule
- Prepare Implementation Plan for the Project

### **1.5 Stakeholders**

The following stakeholders have been determined in the project implementation at various stages or throughout the project:



- Lake Lemon Conservancy District
- Lake Freeholders
- City of Bloomington Utilities
- Soil and Water Conservation District
- U.S. Army Corp of Engineers
- Indiana Department of Environmental Management
- Indiana Department of Natural Resources
- Upstream Property Owners

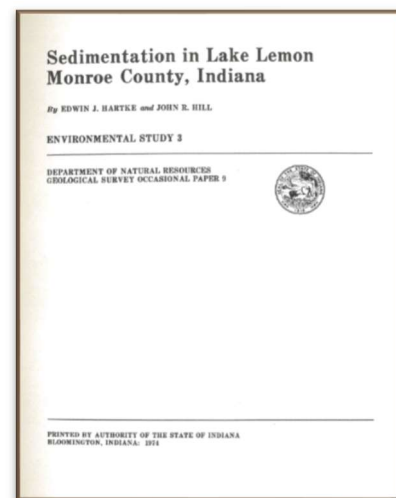
## **2 Data Collection and Analysis**

As part of this project, Shrewsberry collected and analyzed a large amount of data and past reports. This section summarizes data used in preparation of the conceptual designs.

### **2.1 Past Studies**

#### **2.1.1 *Sedimentation in Lake Lemon, 1974***

This study was performed by the Department of Natural Resources Geological Survey in 1974. The lake surface area was noted to be 1,440 acres. The original lake volume was calculated at 14,400 acre-feet and, at the time, the volume was estimated at 13,920 acre-feet or about a 3.5 percent loss in volume since the lake's conception. It was noted that about 90% of the sediment was transported during 10% of the time. Figure 3 illustrates a cross section from point Idalawn in 1974. Interestingly, comparing the cross section to the 2014 Bathometric Study, major sedimentation has not occurred at this location until recently. Since 2014, a sand bar can now be seen above the water level. Figure 4 shows an aerial photograph of the east end of Lake Lemon in 1974.



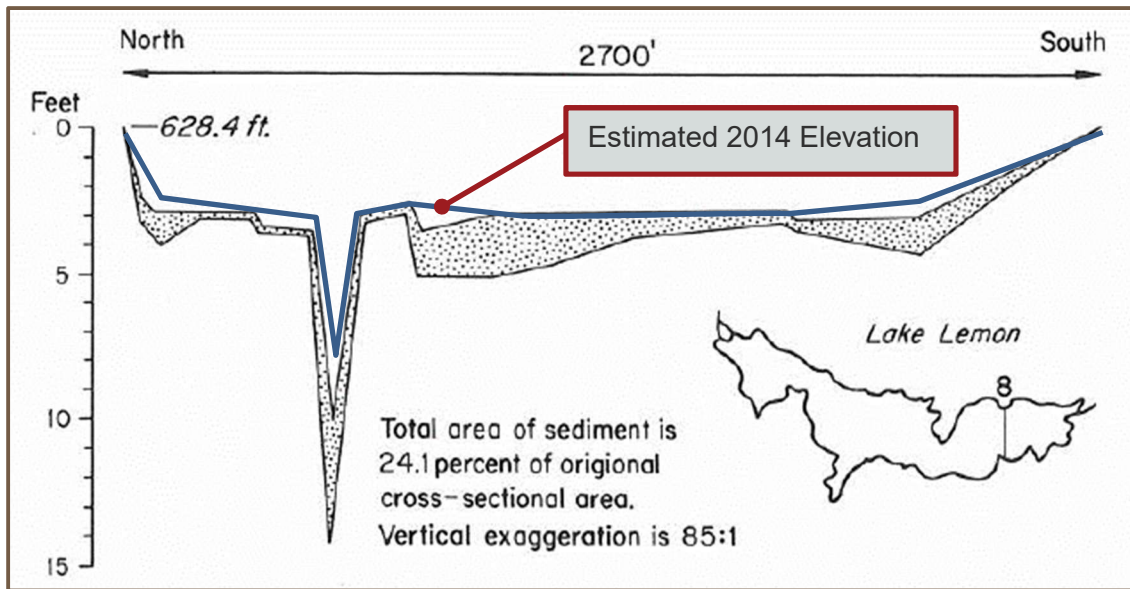


Figure 2-2 - Cross Section from 1974 Report

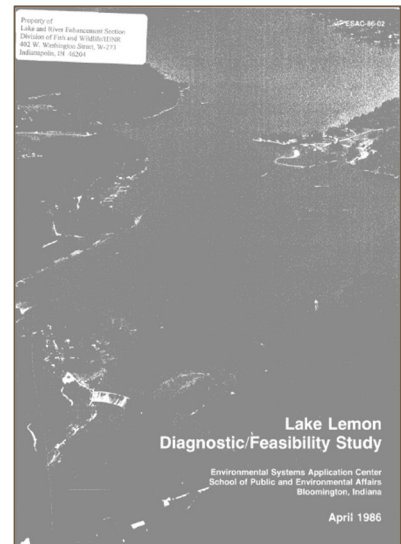


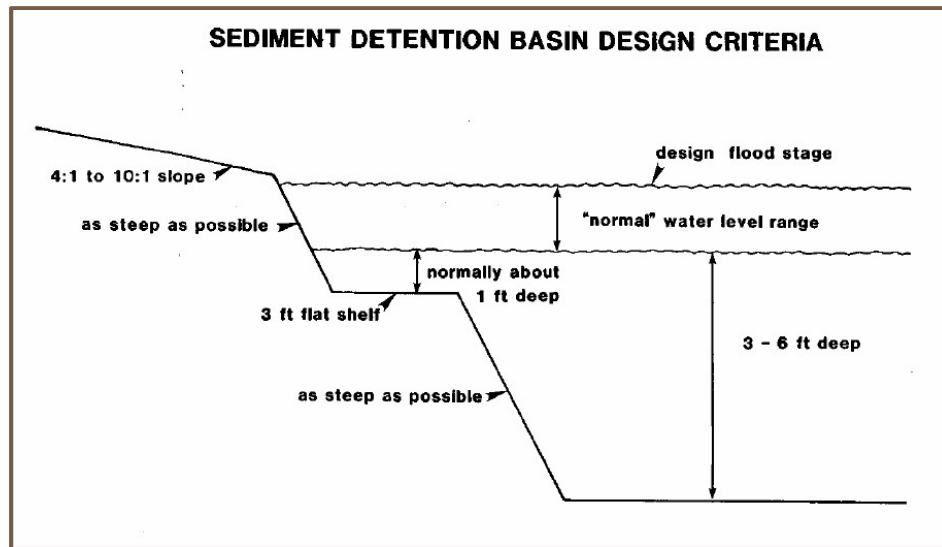
*Figure 2-3 - Aerial Photograph from 1974 of East End of Lake Lemon*

### **2.1.2 Lake Lemon Diagnostic/Feasibility Study, 1986**

This study which was funded by a grant from the U.S. EPA Clean Lakes Program and finalized in 1986 looked at overall lake health. Key notes from the study pertaining to this project follow:

- Lake Lemon was constructed in 1953 for flood control, recreation, and as a drinking water supply for the City of Bloomington.
- Turbidity is high following storm events. Most of the suspended materials settle out in the eastern end of the lake where sedimentation is a problem. Little sedimentation occurs in the lake's western end.
- Runoff and streambank erosion controls are recommended where needed in Lake Lemon's drainage basin. However, a Soil Conservation Service watershed assessment concluded that erosion from agricultural lands, in general, is not excessive.
- Elevations range from 630 feet (spillway elevation) to 1033 feet at Bear Wallow Hill (east of Village of Beanblossom).
- Nearly all soils in the watershed are silty loams.
- The sediment rate is not excessive, but there is a disproportionate rate of deposition in the eastern end of the lake.
- Recommendations only included sedimentation control by bank and soil stabilization and provided some guidelines on sedimentation detention basin design criteria. Figure 5 below shows the guidance provided in this report.





*Figure 2-4 - Sediment Detention Figure from 1986*

### **2.1.3 Lake Lemon Feasibility Study, 1992**

This study's purpose was to satisfy the requirements of the EPA Clean Lakes Program and complete the feasibility study requirements of the Lake Enhancement Program.

Recommendations included stream bank stabilization, wetland enhancement, and sediment basins, among other things.

Severe streambank erosion issues were noted in the lower Plum Creek and lower Beanblossom Creek from the mouth to the junction of North Fork three miles east of Helmsburg.

Sedimentation basins were also recommended in this study to trap suspended sediments prior to their discharge into receiving waters. The report noted a massive basin would be needed and recommended a series of smaller sedimentation basins in the upper watershed. It was the first report that suggested potentially using the delta that was forming on the east end as a sediment trap. Figure 2-5 below shows a conceptual plan for enhancing the wetlands and creating a sedimentation basin.



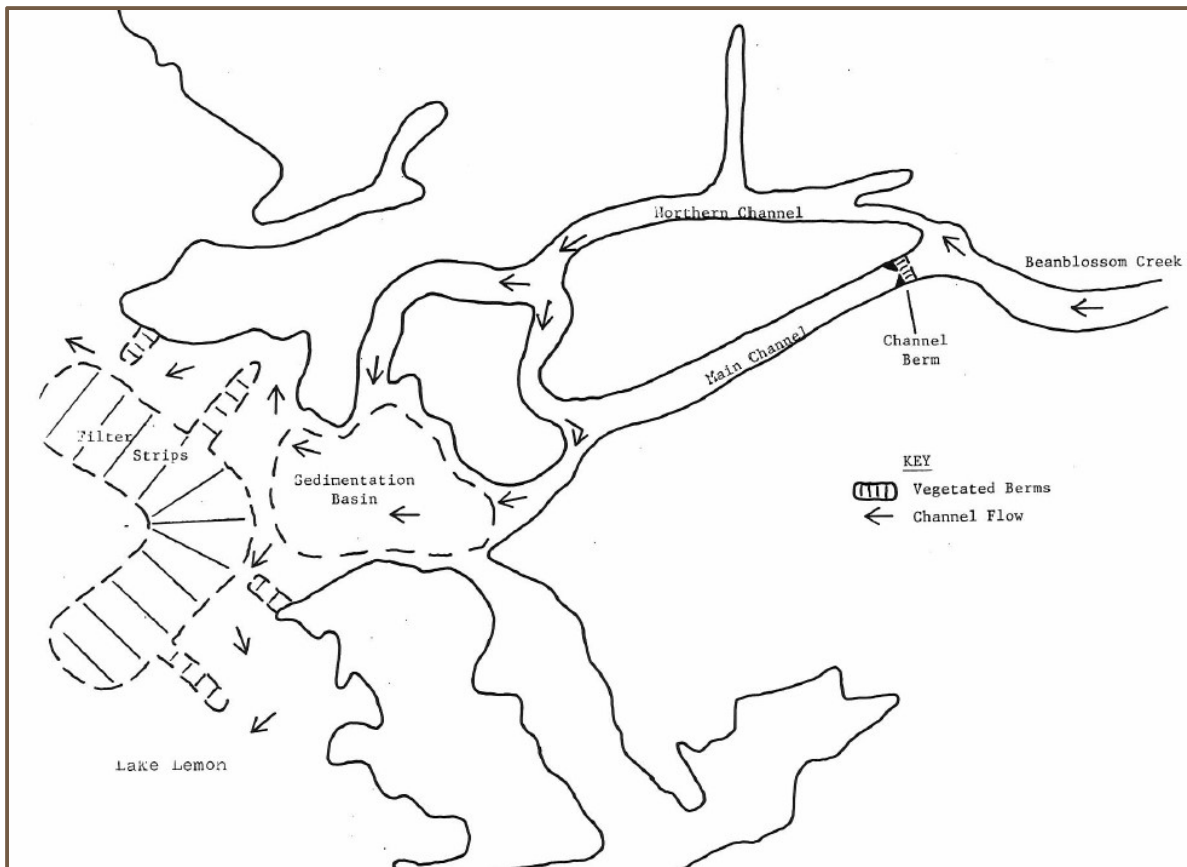
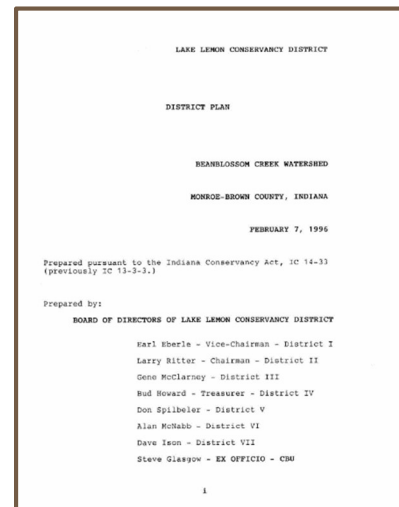


Figure 2-5 Conceptual Plan From Lake Lemon Feasibility Study, 1992

#### 2.1.4 Lake Lemon District Plan, 1996

In 1996, the Lake Lemon Conservancy District Plan was prepared to set forth the District Plan for the Lake Lemon Conservancy District. It documented the Indiana code that allowed the development of the conservancy, provided a plan for operation and maintenance, documented the lake's current and past use, documented problems, and future plans for the lake. It documented that Lake Lemon had been used as water supply until the mid-60's, partial water supply until the mid-70's, and a back-up water supply since. Interestingly, sedimentation mitigation was not documented as being one of their issues or as improvements desired by the people at the time.





### **2.1.5 Other Recent Reports Reviewed**

Other Recent reports reviewed included.

- Soil Boring Data and Lake Lemon Sedimentation Restoration, 2000 and 2001
- Lake Lemon Sediment Sampling and Analysis, 2005
- Beanblossom Creek Watershed Management Plan, 2008
- Sedimentation Management Alternatives Analysis, 2017

## **2.2 Early Agency Coordination Meeting**

On June 4<sup>th</sup>, 2018 an early agency coordination meeting was conducted with the Indiana Department of Environmental Management (IDEM) and the United States Army Corp of Engineers (USACE) at the LLCD office. The project was discussed, and feedback solicited. During and after the meeting the agencies provided feedback. Some highlights of coordination include:

- Wetland mitigation requirements for forested wetlands will be 4:1, scrub shrub 3:1, and emergent 2:1 and open water impacts are 1:1 per IDEM.
- The USACE noted they have jurisdiction of the entire lake unless there was some sort of maintenance agreement between the agencies when the lake was formed.
- USACE would view potential impacts more favorably if the project was seen to be bring value to the environment or providing an “ecological uplift”.
- A wetland delineation will be needed.
- Any discharge of dredge material below the ordinary high-water mark will require a permit.
- Channel diversions for sediment basins would be allowed.
- All phases of construction should be rolled into one permit.
- Coordination should continue as the design of the project moves forward.

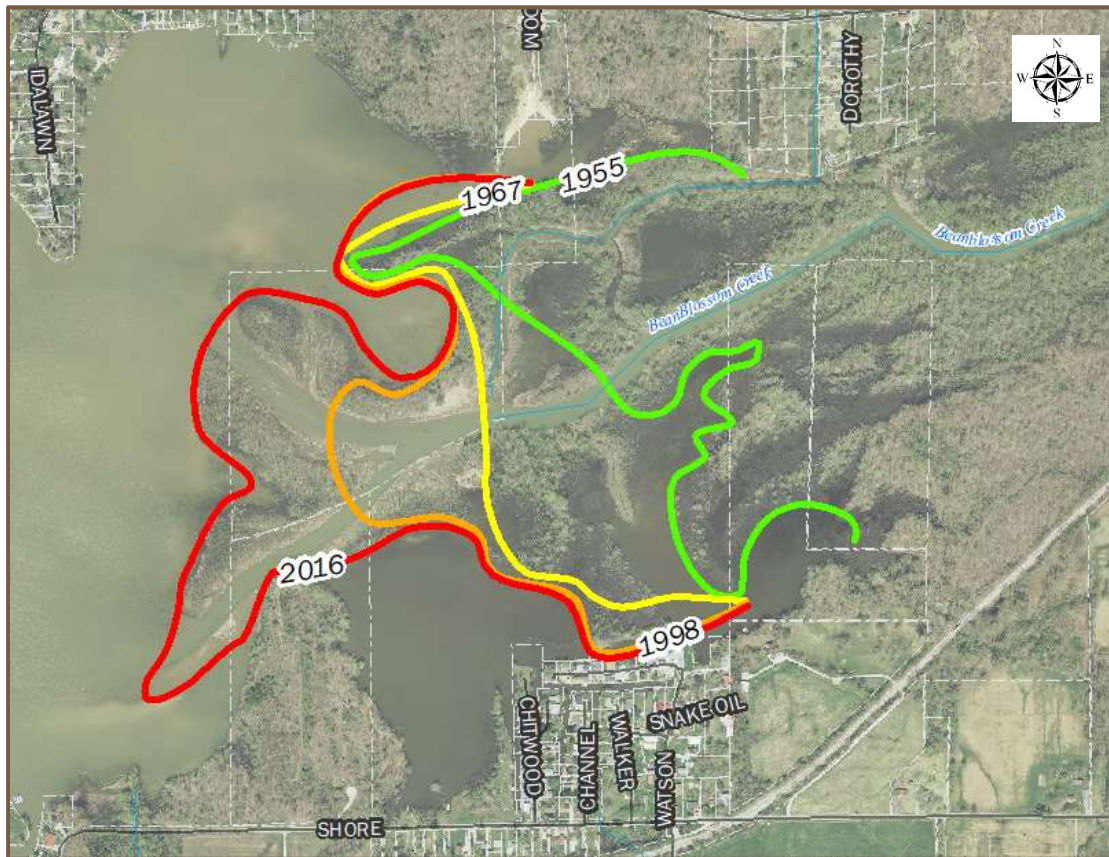
## **3 Sedimentation in Lake Lemon**

### **3.1 East End Delta Formation**

All rivers and streams contain sediments and therefore it is inevitable that manmade reservoirs will trap sediment over time and in the case of Lake Lemon, much of the sediment has formed as a delta at the east end of the lake. Review of historical aerial photographs showed the rate



the delta was formed, and figure below shows the timeline of the delta formation based these historical aerial photographs at the east end of Lake Lemon.



### **3.2 Root Causes of Sedimentation in Lake Lemon**

#### **3.2.1 Highly Erodible Soils**

Much of the land within Lake Lemon's watershed has the potential to be classified as highly erodible land (HEL). The amount and location of HEL varies annually with cultivation practices and developments in the watershed. The soils also lead to more erosion from stream banks which is discussed further below. Conversion of forest land to cultivated crop or farm land would increase the amount of HEL in the watershed.

#### **3.2.2 Stream Bank Erosion**

Streambank erosion is severe problem along BeanBlossum Creek as observed in the May 2018 field visit and as noted for nearly all other stream reaches in Lake Lemon's watershed in past reports. Because most of the eroded streambanks are on private land, lack of incentive and financial ability on the landowner's part may limit implementation.

## **4 Project Elements**

### **4.1 Summary of Approach**

Instead of preparing several alternatives as other previous studies had already done, the LLCD and Shrewsberry agreed this preliminary design phase would focus on the implementation of the recommended and LLCD desired alternative from the 2017 Sedimentation Management Alternatives Analysis Study. The alternative for a managed delta utilized portions of the lake adjacent to the delta areas for disposal while creating a wetland habitat that would also help prevent sediment delta formation in the future and offset the offsite disposal needs. This alternative was developed further and broken into the project elements for the Lake Lemon Sediment Mitigation Project.

**Figure 3 in Appendix A** includes the project alternative map showing the east end of Lake Lemon with each element identified and numbered so that elements could be easily identified. The implementation plan uses this numbering scheme to group elements into phases.

### **4.2 Main Dredging Areas (Elements No. 1 to 5)**

These areas were identified by the Lake Lemon Conservancy District (LLCD) to be primary areas that need dredged to approximately 5 feet deep. These areas will likely be dredged by traditional dredging methods such as hydraulic dredging. Wetland impacts in these areas should be minimal.

### **4.3 Opening Old Channels (Elements No. 6 to 11)**

Opening these flow pathways would allow sediment to distribute across the existing delta area, leveraging the marsh areas to help catch sediment before reaching the Lake. These channels could be cleaned out under the existing maintenance program (with or without utilizing contractors to assist).

A diversion structure is included with these elements of the project. The diversion structures will need to be designed and can be added in later phases after the channels have been dredged. The diversion structures may be created from a variety of materials including rock, gabions, or uprooted trees.

### **4.4 In-Lake Disposal/Created Wetland Areas (Elements No. 12 and 13)**

These areas serve two functions; 1.) Provide a disposal area for some of the dredged sediment, and 2.) Create wetland habitat that will allow for an offset of any impacts to wetlands that may

occur. A wetland delineation will need to be performed in the next phase, and impacts to existing wetland could be mitigated by these areas.

#### **4.5 Sedimentation Basin (Elements No. 14, 22, and 23)**

These areas are sedimentation basins to trap sediment. Clearing trees and scrub and dredging these areas would be required to create a deeper water sedimentation area that would trap sediment and could be maintained in the future.

#### **4.6 Upland Disposal Sites (Elements No. 15, 16, 19 and 20)**

The most cost-effective disposal sites are upland areas because these areas can allow for traditional sediment dewatering. The primary costs for disposal of these sites will be clearing (if necessary), dewatering erosion control, and restoration costs. If the site is not owned by the LLCD, the sites would need to be purchased which have been factored into the costs.

#### **4.7 Lake Disposal Sites (Elements No. 17 and 18)**

These sites include using a portion of Lake Lemon for sediment disposal. Element No. 17 would require an 8-12-foot deep rock dike or sea wall be constructed around the north perimeter to enlarge the South Shore Drive causeway. Element No. 18 is an offline overflow pond for Lake Lemon that would be more cost effective as a disposal area since containment is provided with the existing causeway and railroad. An open water area and kayaking channels could be left for the homes to the east.

## **5 Project Implementation**

### **5.1 Implementation Approach**

The elements were then prioritized based on the cost, effectiveness, and need. Discussions with LLCD helped prioritize dredging, disposal, and channel areas. The effectiveness, OPCC, constructability, and need were all considered. The elements were then either eliminated (based on the prioritization) or kept and grouped into phases.

#### *5.1.1 Project Elements Eliminated*

Conceptual elements No. 17, 21, 22 and 23 were eliminated from immediate consideration due to relative high costs and/or potential permitting mitigation requirements for wetland impacts. Element No. 17 was eliminated because of high cost to build a seawall or dike around the perimeter and Elements No. 21 through 23 would likely impact wetlands and require wetland mitigation.

#### *5.1.2 Opinion of Probably Construction Costs*

Utilizing the potential project elements, costs were estimated for each element. The Opinion of Probable Construction Cost (OPCC) for this magnitude of conceptual planning may range from -20% to +100% in accuracy based on guidelines created by the American Association for Cost Engineers (AACE). The OPCC for each project element can be found in **Appendix D**.

#### *5.1.3 Construction Methodology*

Dredging of the east end of Lake Lemon could be performed by a variety of dredging methods typically based around two approaches, mechanical and hydraulic. Mechanical dredging involves removing sediment with machinery usually with a bucket of some type. The most common types are an excavator such as the LLCD's current dredging operation. Another form of mechanical dredging for Lake Lemon could involve lowering the lake and using traditional excavation equipment, however permitting agencies would require the equipment work from built temporary causeways or timber mats which limit effectiveness and increase costs. Hydraulic dredging includes the use of a pump, usually barge mounted, to move material in a slurry via a pipeline. Hydraulic dredging can be very practical and efficient depending on the material type, depth, and location of its destination. Hydraulic dredging has been assumed for the preparation of costs and alternatives for this study.

## **5.2 Phase I – Open Flow Paths (Elements No. 6 to 11, 15)**

Phase I of the Lake Lemon Mitigation Project proposes to open flow paths to the existing delta areas to decrease sedimentation reaching the main lake area. These flow paths are primarily past channels. These channels would be dredged to approximately 40 feet wide and 5 feet deep utilizing existing maintenance permits. A detailed design is not needed for these area as these are considered routine maintenance of existing channels. Phase I work will be completed in house as part of the conservancy districts ongoing mechanical dredging operation

**Table 1 - Phase I - Lake Lemon Sediment Mitigation Project**

Dredged Volume Estimated =	43,000 cubic yards
OPCC (30% contingency) =	\$1,000,000
Suggested construction timeline =	2019-2020

## **5.3 Phase II – Main Dredging Area with In-Lake Disposal/Wetland Creation (Elements No. 1-3, 18 and 19)**

This phase would consist of dredging operations in the main lake and include Element No. 1- 3 and disposal areas including Element No. 19, upland storage utilizing a created sediment retention pond, and Element No. 18, creating the in-lake treatment wetland. Main dredging area Element No. 1 is one of the most needed open water areas. Sediment has started to create a sediment bar in this area and would be high priority area. The created wetland area will allow nutrient uptake and sediment trapping and stabilization. Upon being granted permitting for the use of Element 18, a detailed design will need to be performed to further define the layout and configuration of the wetland area. Required indirect costs would include detailed design fees, permitting coordination and application, bathometric survey, a wetland delineation, and archeological survey. These fees are not included with the OPCC.

**Table 2 - Phase II - Lake Lemon Sediment Mitigation Project**

Dredged Volume Estimated =	84,000 cubic yards
Total =	\$1,200,000
Suggested design timeline =	2020-2021
Suggested construction timeline =	2020-2021

## **6 Conclusion**

This preliminary design report reviewed past reports and lake data and elaborated on the preferred alternative from the 2017 Sedimentation Management Alternatives Analysis which included utilizing portions of the east end of the Lake for disposal while creating more habitat in those areas. This study identified in-lake and upland disposal areas that are available around the dredging area and evaluated the best areas for disposal. The LLCD preferred dredging limits, past and current flow paths, were identified. The agency coordination meeting was conducted to get feedback from governing agencies. Finally, OPCC were prepared for each of the elements identified and alternatives for phases were created. Four phases spanning four years was proposed. The total proposed Lake Lemon Sediment Mitigation Project includes:

- Dredging of approximately 84,000 cubic yards
- Creation of 10-acres of wetlands
- 1 in-lake disposal areas
- 1 upland disposal areas (including the existing maintenance site disposal area).

The OPCC for all phases is \$1.2 million and included a 30% contingency (but could vary as noted previously).

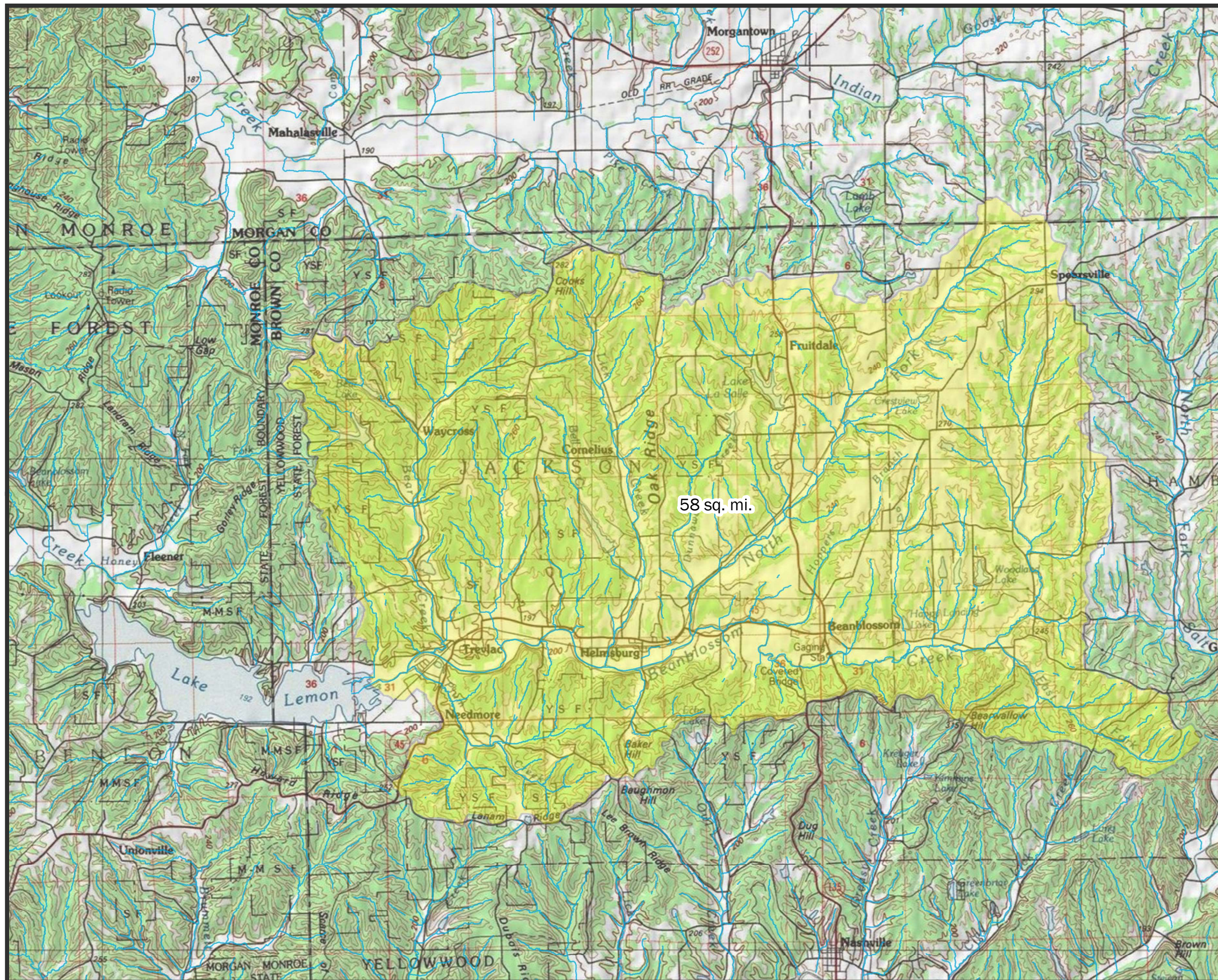
The LLCD should consider an additional implementation step to study the watershed upstream of Lake Lemon. This study would be to determine the sources of sediment entering the lake and propose targeted best management practices to reduce sediment in those areas.



# **Appendix A**

## **Figures**

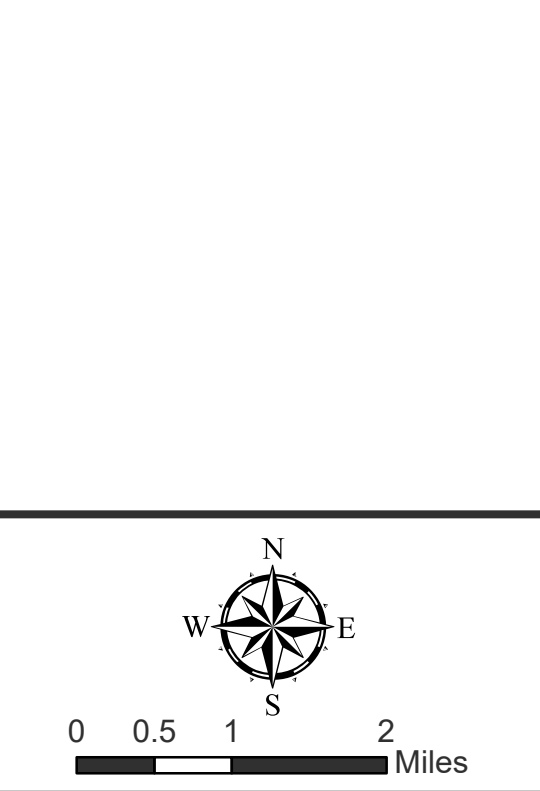




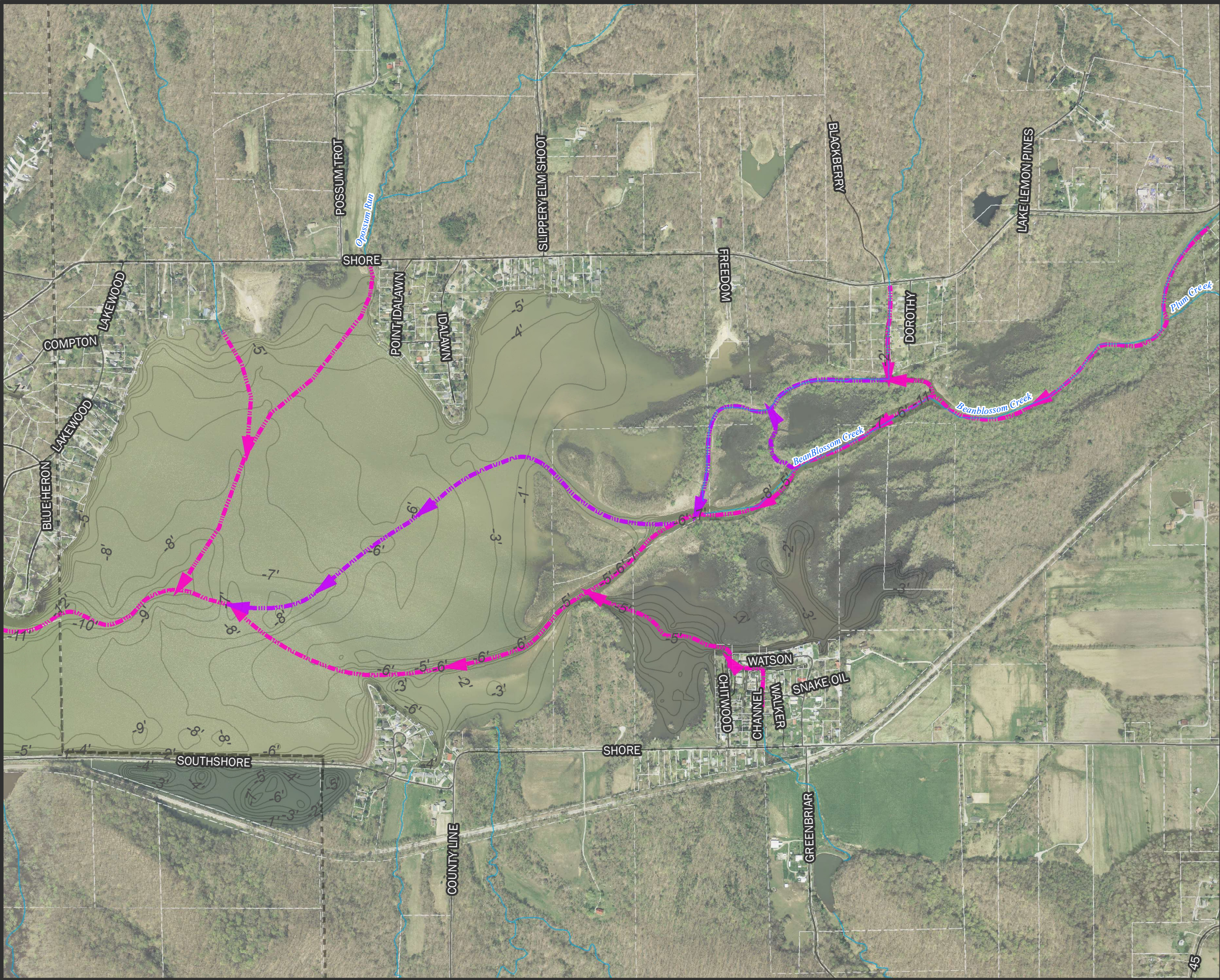
## Lake Lemon Sediment Mitigation Project

Figure 2 -  
Location and Watershed Map

- ### Legend
- Streams or Rivers
  - Lake Lemon Watershed
  - Counties







**Location**



Monroe County Brown County



**Lake Lemon Sediment Mitigation Project**

**Figure 2 -  
Current and Historical Flow Paths**

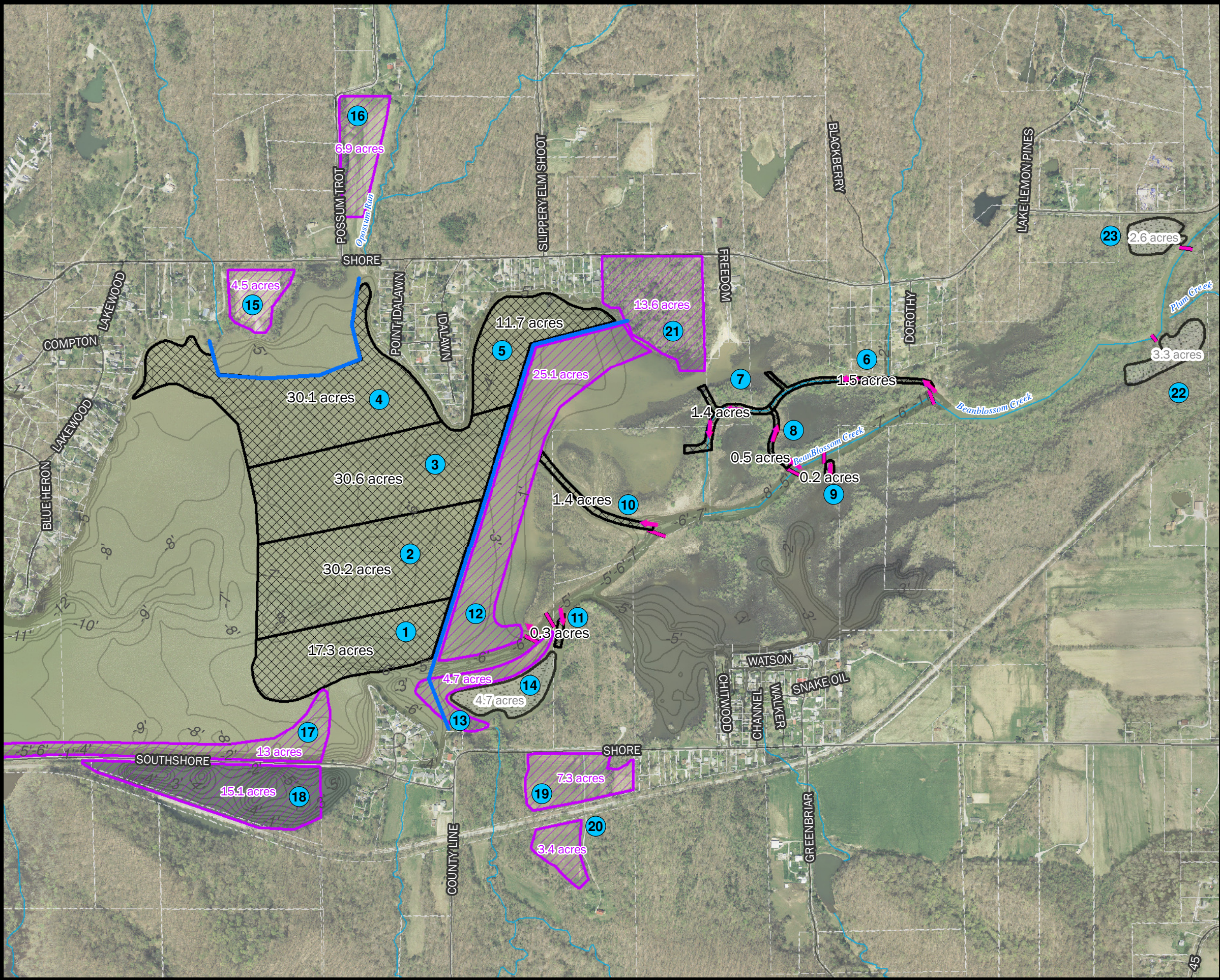
**Legend**

- Current Flow Paths
- Historic Flow Paths
- 2014 Bathymetric Study Contours
- Parcels
- Counties
- Streams



0 400 800 1,600 Feet





**Location**



Monroe County Brown County



**Lake Lemon Sediment Mitigation Project**

*Figure 3 - Project Elements*

**Legend**

- Dredge Area
- Disposal Areas
- Approved Maintenance Line
- Flow Direction
- Low Flow Berms
- Sediment Trap
- Streams
- Parcels
- 2014 Bathymetric Study Contours
- Project Element Number



0 400 800 1,600 Feet

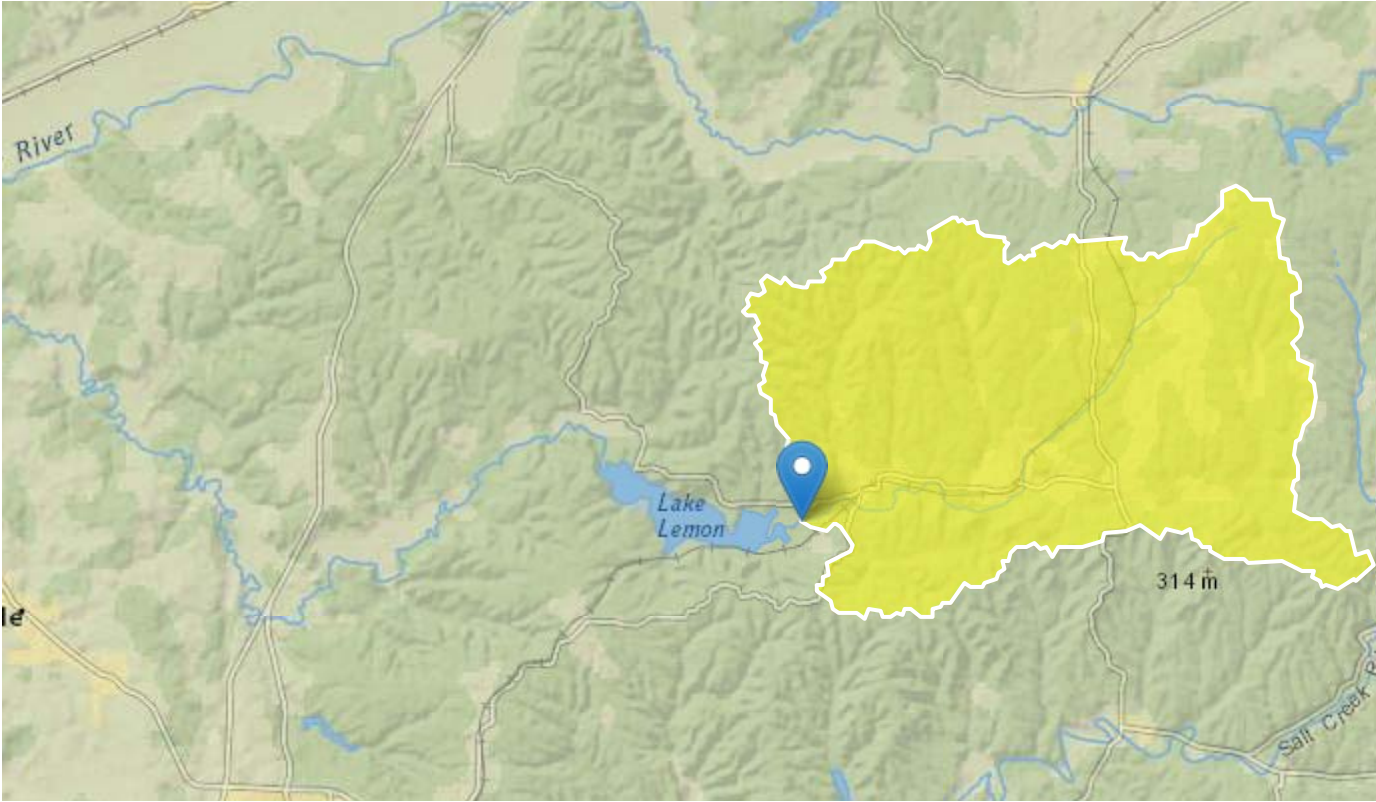


## **Appendix B**

### **USGS StreamStats**

# Lake Lemon Watershed

Region ID: IN  
Workspace ID: IN20180607224639761000  
Clicked Point (Latitude, Longitude): 39.25799, -86.35720  
Time: 2018-06-07 18:46:55 -0400



Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	58.189	square miles
BFREGNO	BFREGNO	1567	dimensionless
K1INDNR	Average hydraulic conductivity (ft/d) for the top 70 ft of unconsolidated deposits from InDNR well database.	11	ft per day
BSLDEM10M	Mean basin slope computed from 10 m DEM	12.73	percent
QSSPERMTHK	Index of the permeability of surficial Quaternary sediments computed as in SIR 2014-5177	11.02	dimensionless



Bankfull Statistics Parameters [100 Percent (58.2 square miles) Bankfull South Hills and Lowlands Region 2013 5078]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	58.189	square miles	0.06	186
BFREGNO	BFREGNO	1567	dimensionless		

Bankfull Statistics Flow Report [100 Percent (58.2 square miles) Bankfull South Hills and Lowlands Region 2013 5078]

Statistic	Value	Unit
Bankfull Width	87	ft
Bankfull Depth	4	ft
Bankfull Area	341	ft^2

Bankfull Statistics Citations

**Robinson, B.A.,2013, Regional bankfull-channel dimensions of non-urban Wadeable streams in Indiana: U.S. Geological Survey, Scientific Investigations Report 2013–5078, 33 p. (<http://pubs.usgs.gov/sir/2013/5078/>)**

Low-Flow Statistics Parameters [Statewide Lowflow 2016 5102]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	58.189	square miles	6.33	856
K1INDNR	Avg_Hydraulic_Conductivity_Upper_70ft	11	ft per day	5.78	76.9
BSLDEM10M	Mean Basin Slope from 10m DEM	12.73	percent	0.916	7.8
QSSPERMTHK	Permeability_Index	11.02	dimensionless	0	30000

Low-Flow Statistics Parameters [Statewide 30day Lowflow 2016 5102]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	58.189	square miles	6.33	856
K1INDNR	Avg_Hydraulic_Conductivity_Upper_70ft	11	ft per day	5.78	76.9
BSLDEM10M	Mean Basin Slope from 10m DEM	12.73	percent	0.916	7.8
QSSPERMTHK	Permeability_Index	11.02	dimensionless	0	30000

## Low-Flow Statistics Disclaimers [Statewide Lowflow 2016 5102]

One or more of the parameters is outside the suggested range. Estimates were extrapolated with unknown errors

## Low-Flow Statistics Flow Report [Statewide Lowflow 2016 5102]

Statistic	Value	Unit
1 Day 10 Year Low Flow	0.91	ft <sup>3</sup> /s
7 Day 10 Year Low Flow	1.09	ft <sup>3</sup> /s

## Low-Flow Statistics Disclaimers [Statewide 30day Lowflow 2016 5102]

One or more of the parameters is outside the suggested range. Estimates were extrapolated with unknown errors

## Low-Flow Statistics Flow Report [Statewide 30day Lowflow 2016 5102]

Statistic	Value	Unit
30 Day 10 Year Low Flow	1.44	ft <sup>3</sup> /s

*Low-Flow Statistics Citations*

**Martin, G.R., Fowler, K.K., and Arihood, L.D., 2016, Estimating selected low-flow frequency statistics and harmonic-mean flows for ungaged, unregulated streams in Indiana (ver 1.1, October 2016): U.S. Geological Survey Scientific Investigations Report 2016–5102, 45 p. (<http://dx.doi.org/10.3133/sir20165102>)**

## Peak-Flow Statistics Parameters [Coordinated Reach: SELECTED STREAMS IN BROWN COUNTY]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	58.189	square miles		
PK10CoeffA	PK10 CoefficientA	1117.903	dimensionless		
PK10CoeffB	PK10 CoefficientB	0.486	dimensionless		
PK25CoeffA	PK25 CoefficientA	1420.904	dimensionless		
PK25CoeffB	PK25 CoefficientB	0.492	dimensionless		
PK50CoeffA	PK50 CoefficientA	1729.475	dimensionless		
PK50CoeffB	PK50 CoefficientB	0.489	dimensionless		
PK100CoeffA	PK100 CoefficientA	2099.928	dimensionless		

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
PK100CoeffB	PK100 CoefficientB	0.486	dimensionless		

#### Peak-Flow Statistics Flow Report [Coordinated Reach: SELECTED STREAMS IN BROWN COUNTY]

Statistic	Value	Unit
10 year Peak Flood	8050	ft <sup>3</sup> /s
25 year Peak Flood	10500	ft <sup>3</sup> /s
50 year Peak Flood	12600	ft <sup>3</sup> /s
100 year Peak Flood	15100	ft <sup>3</sup> /s

#### Peak-Flow Statistics Citations

**Indiana DNR, Coordinated Discharges of Selected Streams in Indiana.**  
**(<http://www.in.gov/dnr/water/4898.htm>)**

USGS Data Disclaimer: Unless otherwise stated, all data, metadata and related materials are considered to satisfy the quality standards relative to the purpose for which the data were collected. Although these data and associated metadata have been reviewed for accuracy and completeness and approved for release by the U.S. Geological Survey (USGS), no warranty expressed or implied is made regarding the display or utility of the data for other purposes, nor on all computer systems, nor shall the act of distribution constitute any such warranty.

USGS Software Disclaimer: This software has been approved for release by the U.S. Geological Survey (USGS). Although the software has been subjected to rigorous review, the USGS reserves the right to update the software as needed pursuant to further analysis and review. No warranty, expressed or implied, is made by the USGS or the U.S. Government as to the functionality of the software and related material nor shall the fact of release constitute any such warranty. Furthermore, the software is released on condition that neither the USGS nor the U.S. Government shall be held liable for any damages resulting from its authorized or unauthorized use.

USGS Product Names Disclaimer: Any use of trade, firm, or product names is for descriptive purposes only and does not imply endorsement by the U.S. Government.

Application Version: 4.2.1

## **Appendix C**

### **Opinion of Probably Construction Costs**

**Project Element No. =** 1;2;3 (dredging zones):18;19 (Disposal sites)  
**Project Element Description =** Hydraulic Dredging and Disposal

Size (acres)	Depth of Dredging or Disposal	Dredge Volume (CYS)	Disposal Volume (CYS)	Estimated Cost
77 acres	5 feet final depth	120,000	-	\$ 1,200,000

ITEM	DESCRIPTION	QTY	UNIT	PRICE	TOTAL
1	Dredging Open Water - Standard Disposal	84,000	CYS	\$ 10	\$ 840,000.00
2	Purchase of Articulating Dump Truck	1		\$200,000.00	\$ 200,000.00
	Creation of Disposal Sites and Planting			\$160,000.00	\$ 160,000.00
TOTAL					\$ 1,200,000

## **Appendix D**

### **Grant Information**



## Lake Lemon Conservancy District - Grant Research

Organization	Name of Grant	Category of Funding Activity	Min. Amount Per Grant	Max Amount Per Grant	When Application is Due	Match	Website
U.S. Fish and Wildlife Service	North America Wetlands Conservation Act 2019-2 U.S. Standard Grants	Environment Natural Resources	\$ 100,000	\$ 1,000,000	July 13	100%	<a href="https://www.fws.gov/birds/grants/north-american-wetland-conservation-act/how-to-apply-for-a-nawca-grant.php">https://www.fws.gov/birds/grants/north-american-wetland-conservation-act/how-to-apply-for-a-nawca-grant.php</a>
IDNR	LARE Lake & River Enhancement Program	Environment Natural Resources			January 31	20%	<a href="https://www.in.gov/dnr/fishwild/2364.htm">https://www.in.gov/dnr/fishwild/2364.htm</a>
U.S. Fish and Wildlife Service	2019 Multistate Conservation Grant Program	Discretionary	\$ 25,000	\$ 600,000	August 3		<a href="http://www.federalgrants.com/2019-Multistate-Conservation-Grant-Program-71172.html">http://www.federalgrants.com/2019-Multistate-Conservation-Grant-Program-71172.html</a>
US EPA	FY 2018 and FY 2019 National Wetland Program Development	Environment	\$ 75,000	\$ 200,000	July 21		<a href="https://www.epa.gov/wetlands/fy-2018-and-fy-2019-national-wetland-program-development-grant-request-proposals">https://www.epa.gov/wetlands/fy-2018-and-fy-2019-national-wetland-program-development-grant-request-proposals</a>
Nation Park Service (NPS)	Land and Water Conservation Fund Outdoor Recreation Legacy Partnership Program (ORLP)	Environment Natural Resources Other (see text field entitled "Explanation of Other Category of Funding Activity" for clarification)	\$ 250,000	\$ 750,000	September 14	100%	<a href="https://fundingwizard.arb.ca.gov/grants/13697">https://fundingwizard.arb.ca.gov/grants/13697</a>
Department of Interior	Sport Fish Restoration Grant Program						<a href="https://wsfrprograms.fws.gov/Subpages/GrantPrograms/SFR/SFR.htm">https://wsfrprograms.fws.gov/Subpages/GrantPrograms/SFR/SFR.htm</a>
U.S. Fish and Wildlife Service	Great Lakes Restoration Initiative Partners for Fish & Wildlife	Environment Natural Resources	\$ 1,000	\$ 200,000	September 30		<a href="https://www.instrumentl.com/grants/great-lakes-restoration-initiative-partners-for-fish-and-wildlife-2018">https://www.instrumentl.com/grants/great-lakes-restoration-initiative-partners-for-fish-and-wildlife-2018</a>
Association of Fish and Wildlife Agencies and U.S. Fish and Wildlife Service	Association of Fish and Wildlife Agencies 2019 Multistate Conservation Grant Program	Fish and Wildlife		\$ 6,000,000	May 4		<a href="https://www.fishwildlife.org/application/files/8215/1784/8796/Multistate_Conservation_Grant_Program_Overview.pdf">https://www.fishwildlife.org/application/files/8215/1784/8796/Multistate_Conservation_Grant_Program_Overview.pdf</a>
U.S. Environmental Protection Agency	FY18 Region 5 Wetland Program Development Grants	Environment	\$ 50,000	\$ 350,000	June 11		<a href="http://www.federalgrants.com/FY18-Region-5-Wetland-Program-Development-Grants-70770.html">http://www.federalgrants.com/FY18-Region-5-Wetland-Program-Development-Grants-70770.html</a>
U.S. Fish and Wildlife Service	National Coastal Wetlands Conservation Grant Program	Environment Natural Resources	\$ -	\$ 1,000,000	June 29		<a href="https://www.fws.gov/coastal/CoastalGrants/">https://www.fws.gov/coastal/CoastalGrants/</a>
Natural Resources Conservation Service	Conservation Stewardship Program				March 2		<a href="https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/financial/csp/">https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/financial/csp/</a>
Indiana State Department of Agriculture	Clean Water Indiana 2019 Competitive Grants				September 14		<a href="https://www.in.gov/isda/files/CWI%20Guidance%202019%20FINAL.pdf">https://www.in.gov/isda/files/CWI%20Guidance%202019%20FINAL.pdf</a>
Natural Resources Conservation Service	Conservation Innovation Grants (CIG)			\$ 75,000	June 1		<a href="https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/financial/cig/">https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/financial/cig/</a>
Natural Resources Conservation Service	Emergency Watershed Protection Program					25%	<a href="https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/landscape/ewpp/">https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/landscape/ewpp/</a>
Federal Emergency Management Agency	Public Assistance (PA) Grant Program					25%	<a href="https://www.in.gov/dhs/2401.htm">https://www.in.gov/dhs/2401.htm</a>
	Wells Fargo	Private			anytime		<a href="https://www.wellsfargo.com/private-foundations/search-results#searchtab">https://www.wellsfargo.com/private-foundations/search-results#searchtab</a>
Shell Oil Company	Shell Foundation Grant	Private (Environmental)	\$ 150,000	\$ 1,400,000	anytime		<a href="https://www.shell.us/sustainability/request-for-a-grant-from-shell.html">https://www.shell.us/sustainability/request-for-a-grant-from-shell.html</a>
Bill and Melinda Gates Foundation	Bill Gates Foundation	Private (Environmental)			anytime		<a href="https://gcrh.grandchallenges.org/grant-opportunities">https://gcrh.grandchallenges.org/grant-opportunities</a>
Department of Natural Resources	Urban Nonpoint Source & Storm Water Management Grant Program						<a href="https://dnr.wi.gov/aid/urbannonpoint.html">https://dnr.wi.gov/aid/urbannonpoint.html</a>

## Lake Lemon Conservancy District - Grant Research

Organization	Name of Grant	Category of Funding Activity	Min. Amount Per Grant	Max Amount Per Grant	When Application is Due	Match	Website
Reservoir Fisheries Habitat Partnership	Reservoir Fisheries Habitat Partnership and Friends of Reservoirs Grant		\$ 10,000	\$ 30,000			<a href="http://www.reservoirpartnership.org/">http://www.reservoirpartnership.org/</a>
Association of Fish and Wildlife Agencies	Association of Fish & Wildlife Agencies						<a href="https://www.fishwildlife.org/afwa-informs/resources">https://www.fishwildlife.org/afwa-informs/resources</a>
National Fish and Wildlife Foundation	National Fish & Wildlife Foundation						<a href="http://www.nfwf.org/whatwedo/grants/Pages/home.aspx">http://www.nfwf.org/whatwedo/grants/Pages/home.aspx</a>
Bass Pro Shops and NFWF	Bass Pro Shops Grants						<a href="http://community.basspro.com/apply-for-support/">http://community.basspro.com/apply-for-support/</a>
AFTCO/Bassmaster	AFTCO/B.A.S.S. Nation Conservation Grant		5000	5000			<a href="https://aftco.com/pages/bass-conservation-grant">https://aftco.com/pages/bass-conservation-grant</a>