LLCD Board of Directors Meeting

City of Bloomington Utilities

September 26th, 2019 6:00pm

Name	Lake Address	District	Email Address
C-ter Lal	4703 Pejet 6 1 AND	6	
Truchi	7530 Liptun	ef	
TIM Superson	9316 GRAN AN	4	
Annevropius	the 6486 Southshore	7	
Vina Britt	6486 Southphore	7	
Rex Taylor	6179 N SHORE Dr	6	
M. Mcchure	4547 Idalawn	G	
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LAKE LEMON CONSERVANCY DISTRICT

Board of Directors Meeting City Of Bloomington Utilities September 26th, 2019 6:00 p.m.

The September 26th, 2019 Board of Directors Meeting of the Lake Lemon Conservancy District was held at the Riddle Point Shelter House and was called to order by Chairman Pam Dugan at 6:00 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. Approval of August 24th, 2019 Board Meeting Minutes (Dugan)

BROWN MOTIONED TO APPROVE THE AUGUST 24, 2019 BOARD MEETING MINUTES. SCHELL SECONDED THE MOTION. ALL "AYE'S". THE MOTION CARRIED.

- III. Treasurer's Report (Blackwell)
 - a. August Budget Highlights
 - i. August Income: \$23,889
 - ii. August Expenditures: \$103,778
 - b. August Report of Claims: Approval of Allowance of Vouchers

DUGAN MOTIONED TO APPROVE THE ALLOWANCE OF VOUCHERS FOR JULY 2019. BROWN SECONDED THE MOTION. ALL "AYES". THE MOTION CARRIED.

- c. Blackwell led a discussion on the 2020 Fees and Charges.
 - i. Wadzinski presented an idea to raise the fees for wake boats.
 - ii. No changes were made to the proposed 2020 Fees and Charges.

- IV. Public Hearing: 2020 Proposed Budget
 - a. Blackwell presented a new fund, Cumulative Maintenance Fund, which would be separate from the General Fund and funded by an additional \$0.03 per \$100.00 of assessed value tax.
 - i. The Board must vote approve it by April 1, 2020 for it to take effect in 2021.
- V. Manager's Report (Casey)
 - a. Casey updated the board on the Barge operations for the season.
 - i. The dredging staff have dug out 1,489 yards from zone 125, 5,700 yards from zone 138, 3500 yards from 136, and 12,519 cumulative yards total.
 - b. Casey announced that we spent a total of \$36,612.00 on the spraying of submerged and emergent vegetation this year.
 - c. Casey discussed the findings of the Sediment Transport Study.
 - i. The report from Christopher Burke showed around 153,000 cubic yards of sediment settling into the whole lake on an annual basis. Around 43,000 cubic yards are settling in to the delta area.
 - ii. The sediment settling in the delta is heavy sands and gravels, and the rest is a very fine clay silt that stays suspended in the water for a long period of time comparatively.
 - d. Casey discussed his findings on the Property Acquisition Process for us as a Conservancy District.
 - i. As a conservancy, we must have two appraisals of the potential property done, and can only offer a maximum of the average between the two appraisals.
 - If the appraisals are done quickly, we could have a potential resolution to purchase the property across form Little Africa at the October 24th, 2019 Board Meeting.
 - 2. Casey also discussed retrieving quotes for a disposal site plan for the potential property.
 - ii. Casey requested approval for two appraisals to be done on the property across from Little Africa in the amount of \$1,250.00

BLACKWELL MOTIONED TO APPROVE TWO APPRAISALS IN THE AMOUNT OF \$1,250.00. SCHELL SECONDED THE MOTION. ALL "AYES". THE MOTION CARRIED

- VI. 2020 Board Meeting Dates Discussion
 - a. The Board discussed moving the summer meetings to the Boys and Girls club facility instead of the Shelter house.
 - i. Casey will get in touch with the Boys and Girls club about that possibility.
- VII. Strategic Planning Committee: Update (Brown)

- a. Cathy McClure gave a recap on the 2019 Lemon-Aid Days Fundraiser.
 - i. The total profit for the fundraiser was \$10,345.31.
 - ii. The balance for the Brown County Community Fund is \$3,290.00 as of September 25th, 2019.
 - iii. The balance for the Monroe County Community Fund is \$6,305.08 as of September 25th, 2019.
- b. Casey will present a modified lotus maintenance line at the October Board Meeting.
- c. The next SPC Meeting will be held on Friday October 11th, 2019 at the LLCD Office.
- VIII. Public Comment
 - a. Frank Van Overmeiren further discussed a District VII sewer system and water treatment plant.
 - i. Requested a Letter of Support from the LLCD Board of Directors.
 - ii. Requested access to the use of Constant Contact for updates and notifications on the progress of the project.
 - iii. Frank requested the use of the Riddle Point Shelter House on October 12th,
 2019. This will be a public meeting to discuss progress of the sewer initiative.
- IX. New Business/ Correspondence for Future Agenda (Dugan)
 - a. The Next Board Meeting will take place on Thursday October 24th, 2019, 6:00pm, at the City of Bloomington Utilities Building.
- X. Adjournment

BROWN MOTIONED TO ADJOURN THE SEPTEMBER 26TH, 2019 BOARD OF DIRECTORS MEETING AT 7:29 P.M. SCHELL SECONDED THE MOTION. ALL "AYE'S". THE MOTION CARRIED. MEETING ADJOURNED.

RESPECTFULLY SUBMITTED BY: Alex Snooks, Operations Supervisor

LAKE LEMON CONSERVANCY DISTRICT

Board of Directors Meeting City of Bloomington Utilities September 26, 2019 6:00 p.m.

AGENDA

I.	Call Meeting to Order / Chairman's Remarks	(PD)
II.	Approval of August 24 th , 2019 Board Meeting Minutes	(PD)
III.	 Treasurer's Report a. August Budget Highlights b. August Report of Claims: Approval of Voucher c. 2020 Fees Discussion 	(MB)
IV.	Public Hearing: 2020 Proposed Budget	(MB)
V.	 Manager's Report a. Barge Operations: Update b. Vegetation Control: Update c. Sediment Management Project i. Sediment Transport Study- Findings Discussion ii. Properties of interest- Potential Hydraulic Dredging Disposal Sites 1. Acquisition process discussion 2. Land Appraisal quotes 	(AC)
VI.	2020 Board meeting Dates Discussion	(PD)
VII.	Strategic Planning Committee: Update a. Lemon-Aid Day: Recap b. General Update	(MJB)
VIII.	Public Comment	(PD)
IX.	New Business/ Correspondence for Future Agenda a. Thursday, October 24, 2019: Board Meeting and 2020 Budget Adoption; 6:00 PM the City of Bloomington Utilities Building	(PD) at

(PD)

X. Adjournment

Lake Lemon Conservancy District

Board Meeting Agenda Item

Presenter	Pam Dugan, Chairman
Action Requested	Approval
ltem/Subject	August 24, 2019 Board Meeting Minutes
Dollar Amount	N/A
Meeting Date	September 26 th , 2019
Summary	A draft of the minutes for the August 24, 2019 BoardMeeting Minutes is provided for Comment, Corrections, additions, or deletions.
Staff Recommendation	Approval of the August 24 th , 2019 Board meeting minutes

LAKE LEMON CONSERVANCY DISTRICT

Board of Directors Meeting Riddle Point Park Shelter House August 24th, 2019 10:00 a.m.

The August 24th, 2019 Board of Directors Meeting of the Lake Lemon Conservancy District was held at the Riddle Point Shelter House and was called to order by Chairman Pam Dugan at 10:00 AM.

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

- I. Call Meeting to Order / Chairman's Remarks (Dugan)
- II. Approval of July 20th, 2019 Board Meeting Minutes (Dugan)

KLITZING MOTIONED TO APPROVE THE JULY 20, 2019 BOARD MEETING MINUTES. BROWN SECONDED THE MOTION. ALL "AYE'S". THE MOTION CARRIED.

- III. Treasurer's Report (Blackwell)
 - a. July Budget Highlights
 - i. July Income: \$67,742
 - ii. July Expenditures: \$40,889
 - b. July Report of Claims: Approval of Allowance of Vouchers

KLITZING MOTIONED TO APPROVE THE ALLOWANCE OF VOUCHERS FOR JULY 2019. BROWN SECONDED THE MOTION. ALL "AYES". THE MOTION CARRIED.

- c. Blackwell requested approval for Resolution 8-19-04: 2019 Budget Appropriation Reduction
 - i. This will remove the \$1 million bond revenue from the 2019 budget, as we did not receive the funds.

KLITZING MOTIONED TO APPROVE RESOLUTION 8-19-04: 2019 BUDGET APPROPRIATION REDUCTION. SCHELL SECONDED THE MOTION. ALL "AYES". THE MOTION CARRIED.

- IV. Manager's Report (Casey)
 - a. Casey requested approval for Resolution 8-19-03: Adoption of Minimum Internal Control Standards.
 - i. This officially states that the LLCD Board of Directors have adopted the minimum internal control standards as defined by the State Board of Accounts and IC 5-11-1-27(g).

BLACKWELL MOTIONED TO APPROVE RESOLUTION 8-19-03: ADOPTION OF MINIMUM INTERNAL CONTROL STANDARDS. KLITZING SECONDED THE MOTION. ALL "AYES". THE MOTION CARRIED.

- b. Casey updated the board on the Barge operations for the season.
 - i. The dredging staff have dug out 1,489 yards from zone 125, 5,700 yards from zone 138, 800 yards from 136, and 9,053 cumulative yards total.
- c. Casey announced that the emergent vegetation had its second treatment on Saturday August 17th, 2019
- d. Casey requested approval for an additional \$1,500.00 for beach sampling added into the IU Water Testing Agreement.
 - i. This addition will be for the weekly E. coli testing at the beach and an additional bi-weekly Blue Green Algae testing.

DUGAN MOTIONED TO APPROVE THE AMENDMENT TO THE IU WATER TESTING AGREEMENT FOR BEACH TESTING IN THE AMOUNT OF \$1,500.00. BROWN SECONDED THE MOTION. ALL "AYES". THE MOTION CARRIED.

- V. Final Discussion: 2020 Proposed LLCD Budget
 - a. Blackwell and Casey discussed the 2020 Fees and Charges, see attached.
 - b. Resolution 8-19-02: 2020 Fees and Charges.
 - i. Discussion was tabled for the September Board Meeting.
 - c. Blackwell led the Second Public Discussion of the 2020 Proposed Budget.
 - Casey requested an additional \$200,000.00 be added to revenue line item 4140 (Bond Revenue).
 - ii. The \$200,000.00 will be added to capital line item 6704 (Off-road Truck) to replace the aging truck necessary to our dredging operations.

BLACKWELL MOTIONED TO APPROVE THE ADDITION OF \$\$200,000.00 TO LINE ITEM 4140 AND \$200,00.00 TO LINE ITEM 6704. BROWN SECONDED THE MOTION. ALL "AYES". THE MOTION CARRIED.

- VI. Sediment Management Project (Casey)
 - a. Casey discussed a new plan to keep the potential bond proceeds in the uncontrolled range (<1.3 million).
 - i. Bond funds would be used for:
 - 1. \$1 million in Hydraulic Dredging.
 - 2. \$200,000.00 for a New Dump Truck.
- VII. Strategic Planning Committee: Update (Brown)
 - a. Cathy McClure requested approval for a \$670.00 additional event policy for the September 14th, 2019 Lemon-Aid Day Fundraiser.

BROWN MOTIONED TO APPROVE A \$670.00 ADDITIONAL EVENT POLICY FOR THE SEPTEMBER 14, 2019 FUNDRAISER. BLACKWELL SECONDED THE MOTION. ALL "AYES". THE MOTION CARRIED.

- b. The next SPC Meeting will be held on Friday September 6th, 2019 at the LLCD Office.
- VIII. District VII Waste Water Treatment Plant: Discussion
 - a. Russ Herndon and Frank Van Overmeiren discussed a District VII sewer system and water treatment plant.
 - i. They plan to lease a plot of land at Little Africa from the City of Bloomington to install a "Green" water treatment facility for a sewer system within District VII.
 - ii. They stated that this can be considered first steps for a lake wide initiative for better waste treatment.
 - Frank requested the rental fee be waived for the use of the Riddle Point Shelter House on October 12th, 2019. This will be a public meeting to discuss progress of the sewer initiative.
- IX. Public Comment (Dugan)
 - a. Gail Tala voiced her thoughts on:
 - i. Smoking on the beach and how to better prevent it.
 - ii. Opening the shelter house to the public, but still allowing reservations.
- X. New Business/ Correspondence for Future Agenda (Dugan)
 - a. The Next Board Meeting will take place on Thursday September 26th, 2019, 6:00pm, at the City of Bloomington Utilities Building.
- XI. Adjournment

KLITZING MOTIONED TO ADJOURN THE AUGUST 24TH, 2019 BOARD OF DIRECTORS MEETING AT 11:32 A.M. SCHELL 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

Presenter	Mike Blackwell, Treasurer
Action Requested	Review
Item/Subject	August, 2019 Financial Update
Dollar Amount	N/A
Meeting Date	September 26 th , 2019
Summary	Financial report showing end of August 2019 Balance sheet, Income, Expense, 2018 comparison, and reconciliation data.
Staff Recommendation	N/A

LAKE LEMON CONSERVANCY Financial Statements

For the Period Ending

January 1, 2019 thru August 31, 2019

(UNAUDITED)

Watkins Accounting 113 E. 19th Street Bloomington, IN 47408

LAKE LEMON CONSERVANCY

I have prepared the financial statements for LAKE LEMON CONSERVANCY as of August 31, 2019 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.

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

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

Shirley Watkins, CPA September 31, 2019 3:38 PM

09/04/19 Accrual Basis

LAKE LEMON CONSERVANCY Balance Sheet As of August 31, 2019

Aug 31, 19 ASSETS **Current Assets Checking/Savings** 1000 · Peoples State Bank 392,575.04 2,245.00 1010 · Petty Cash 200.00 1020 · Change Fund 117,456.44 1030 · CD's General Fund 101,912.41 1040 · CD's Cumulative Maint Fund 5,167.62 1050 · Savings Account 619,556.51 **Total Checking/Savings** 619,556.51 **Total Current Assets Fixed Assets** 132,761.25 1510 · Trucks 3,993.11 1520 · Other Asset 354,750.00 1550 · Boats 239,581.79 1680 · Other Fixed Assets 731,086.15 **Total Fixed Assets** 1,350,642.66 TOTAL ASSETS LIABILITIES & EQUITY Liabilities **Current Liabilities** Other Current Liabilities 7,431.82 2010 · FICA & Federal Taxes Payable 1,257.85 2020 · State & Co. Withholding Payable **Total Other Current Liabilities** 8,689.67 8,689.67 **Total Current Liabilities** 8,689.67 **Total Liabilities** Equity 101,373.66 3000 · Opening Balance Equity 503.214.77 3040 · General Fund 3060 · Cumulative Maintenance Fund 96,942.92 608,688.89 3200 · Retained Earnings 31,732.75 **Net Income** 1,341,952.99 **Total Equity** 1,350,642.66 TOTAL LIABILITIES & EQUITY

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09/10/19 Accrual Basis

LAKE LEMON CONSERVANCY Profit & Loss YTD Comparison August 2019

	Aug 19	Jan - Aug 19
Income		
4000 · Watercraft Permits	6,267.00	105,190.06
4010 · Launch Fees	2,233.00	20,999.00
4020 · Marina & Club Fees	1 070 00	25.025.00
4030 · Sublease & Access rees	0.00	45,483.79
4050 · Property Tax - Monroe Co.	0.00	137,952.79
4060 · Interest	2,572.32	3,227.48
4070 · Grants & Donations	0.00	13,955.00
4080 · Fishing Tournament	0.00	850.00
4090 · Park Reservations	525.00	2,275.00
4100 · Park Admisioin Fees	7,722.00	9 500 00
4130 · Dredging/Rip-Rap income		
Total Income	23,889.32	424,199.62
Expense		10,000,00
6000 · Manager	7,592.31	43,023.09
6001 · Operations Supervisor	3,923.07	22,230.73
6010 · FICA	2,149.91	19 25
6020 · State Unemployment Tax	491.08	1.351.42
6020 · Retirement	1,635.18	9,266.02
6070 · Gate Attendant	6,300.63	18,416.78
6100 · Lake Patrol	198.00	531.00
6110 · Lake Biologist	0.00	458.00
6111 · Dredger	5,771.00	12,165.50
6112 · Dredger (Other)	3 375 00	6 885 00
6113 · Assistant Dredger	378.00	4 511 25
6115 · Drodger (Private)	0.00	1,145.50
6116 · Assistant Dredger (Private)	0.00	711.00
6120 · Season & Launch Permits	0.00	1,883.39
6130 · Daily Permits	0.00	270.00
6140 · Receipt/Tickets Books	0.00	350.50
6160 · Printer, Copier & Computer Supp	0.00	867.19
6170 · Miscellaneous-Other	0.00	310.00
6180 · Postage	26.97	530.06
6200 · Regular Gas	0.00	4,171.16
6210 · Diesel	1,916.85	7,264.23
6240 · Building & Grounds	0.00	2,083.21
6250 · Boat/Weed Harvester/Truck	570.17	875.86
6251 · Dredging Supplies	1,508.07	9,636.55
6252 · Rip Rap/Erosion Control	0.00	1,100.40
6290 · Signs & Nautical Markers	450.00	3, 149.39
6310 · Grass	1.760.00	7.040.00
6320 · Attorney	0.00	240.00
6330 · Consulting Engineer	13,661.25	54,496.06
6350 · Other Prof/Secretarial Service	2,000.00	2,500.00
6370 · Phone, LDT, Pager, E-Mail	275.71	2,199.64
6390 · Hotel	0.00	396.50
6400 · Meals	241.25	1 191 25
6410 · Subscriptions	0.00	43.03
6440 · Other	0.00	802.37
6450 · Insurance	7,404.00	37,386.75
6460 · Electric	375.95	3,189.65
6470 · Water	81.90	467.67
6480 · Trash	565.18	1,255.65
6490 · Port-O-Lets	385.00	3,464.00
6500 · Pump Holding Tank	530.00	7 841 10
6520 · Boat	0.00	805.77
6530 · Truck	25.61	525.04
6541 · Dredging Equipment Maintenance	1,401.35	14,529.66

09/04/19 Accrual Basis

LAKE LEMON CONSERVANCY Profit & Loss YTD Comparison August 2019

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	Aug 19	Jan - Aug 19
6542 · Equipment Rental	0.00	5,967.06
6560 · Water Testing	0.00	405.00
6570 · Lake Weed Treatment	28,227.00	28,227.00
6600 · 6% MarinaPermit Sales	0.00	1,411.44
6620 · Dam/Spillway Inspection	0.00	5,343.22
6630 · Spillway Repairs	0.00	550.00
6661 · Disposal Site Preparation	0.00	12,942.53
6680 · Other Services and Charges	0.00	1,829.77
6681 · Fireworks	0.00	8,000.00
66900 · Reconciliation Discrepancies	500.00	500.00
6720 · Utility Vehicle	8,100.00	8,100.00
Total Expense	103,777.91	392,966.87
Net Income	-79,888.59	31,232.75

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09/18/19

Accrual Basis

LAKE LEMON CONSERVANCY Profit & Loss Prev Year Comparison January through August 2019

	Jan - Aug 19	Jan - Aug 18	\$ Change	% Change
Income				
4000 · Watercraft Permits	105 190 06	101 670 00	3 520 06	3.5%
4010 · Launch Fees	20,999,00	18,592.00	2,407.00	13.0%
4020 · Marina & Club Fees	9,187.50	8,400.00	787.50	9.4%
4030 · Sublease & Access Fees	25.025.00	26,830,00	-1,805.00	-6.7%
4040 · Property Tax - Brown Co.	45,483.79	36,666.54	8,817.25	24.1%
4050 · Property Tax -Monroe Co.	137,952,79	115,671.09	22,281.70	19.3%
4060 · Interest	3,227,48	899.87	2,327.61	258.7%
4070 · Grants & Donations	13,955.00	12,715.00	1,240.00	9.8%
4080 · Fishing Tournament	850.00	750.00	100.00	13.3%
4090 · Park Reservations	2,275.00	2,675.00	-400.00	-15.0%
4100 · Park Admisioin Fees	50,554.00	43,664.00	6,890.00	15.8%
4130 · Dredging/Rip-Rap Income	9,500.00	1,295.31	8,204.69	633.4%
Total Income	424,199.62	369,828.81	54,370.81	14.7%
Expense				
6000 · Manager	43,023.09	34,000.00	9,023.09	26.5%
6001 · Operations Supervisor	22,230.73	0.00	22,230.73	100.0%
6010 · FICA	9,427.20	8,590.20	837.00	9.7%
6020 · State Unemployment Tax	19.25	245.93	-226.68	-92.2%
6025 · Merchant Fees	1,351.42	1,182.27	169.15	14.3%
6030 · Retirement	9,266.02	5,384.00	3,882.02	72.1%
6040 · Health Insurance	0.00	3,800.56	-3,800.56	-100.0%
6070 · Gate Attendant	18,416.78	20,781.40	-2,364.62	-11.4%
6100 · Lake Patrol	531.00	528.00	3.00	0.6%
6110 · Lake Biologist	458.00	8,324.14	-7,866.14	-94.5%
6111 · Dredger	12,165.50	12,589.50	-424.00	-3.4%
6112 · Dredger (Other)	13,153.48	14,832.13	-1,678.65	-11.3%
6113 · Assistant Dredger	6,885.00	12,827.00	-5,942.00	-46.3%
6114 · Assistant Dredger (Other)	4,511.25	7,501.00	-2,989.75	-39.9%
6115 · Dredger (Private)	1,145.50	596.75	548.75	92.0%
6116 · Assistant Dredger (Private)	711.00	310.00	401.00	129.4%
6120 · Season & Launch Permits	1,883.39	1,949.80	-66.41	-3.4%
6130 · Daily Permits	270.00	270.00	0.00	0.0%
6140 · Receipt/Tickets Books	350.50	440.49	-89.99	-20.4%
6150 · Checks	0.00	99.90	-99.90	-100.0%
6160 · Printer, Copier & Computer Supp	867.19	286.23	580.96	203.0%
6170 · Miscellaneous-Other	1,009.49	1,088.23	-78.74	-7.2%
6180 · Postage	310.00	749.03	-439.03	-58.6%
6185 · Receipt Books	0.00	741.39	-741.39	-100.0%
6190 · General Business Supplies	530.06	985.13	-455.07	-46.2%
6200 · Regular Gas	4,171.16	3,996.07	175.09	4.4%
6210 · Diesel	7,264.23	6,634.56	629.67	9.5%
6240 · Building & Grounds	2,083.21	1,980.27	102.94	5.2%
6250 · Boat/Weed Harvester/Truck	875.86	414.76	461.10	111.2%
6251 · Dredging Supplies	9,636.55	8,987.29	649.26	7.2%
6252 · Rip Rap/Erosion Control	1,168.46	795.31	373.15	46.9%
6260 · Uniforms	0.00	569.53	-569.53	-100.0%
6290 · Signs & Nautical Markers	3,149.39	3,178.41	-29.02	-0.9%
6300 · Accounting Services	3,600.00	3,600.00	0.00	0.0%
6310 · Grass	7,040.00	7,040.00	0.00	0.0%
6320 · Attorney	240.00	1,627.50	-1,387.50	-85.3%
6325 · Fish Managment Survey	0.00	4,000.00	-4,000.00	-100.0%
6330 · Consulting Engineer	54,496.06	32,926.99	21,569.07	65.5%
6350 · Other Prof/Secretarial Service	2,500.00	921.00	1,579.00	1/1.4%
6370 · Phone, LDT, Pager, E-Mail	2,199.64	2,213.68	-14.04	-0.6%
6390 · Hotel	396.50	180.00	216.50	120.3%
6400 · Meals	52.00	123.01	-71.01	-57.7%
6410 · Subscriptions	1,191.25	313.74	877.51	279.7%
6420 · Newsletter	0.00	714.00	-714.00	-100.0%
6430 · Ads	43.03	35.04	7.99	22.8%
6440 · Other	802.37	600.60	201.77	33.6%
6450 · Insurance	37,386.75	34,502.00	2,884.75	8.4%
6460 · Electric	3,189.65	3,776.60	-586.95	-15.5%
6470 · Water	467.67	440.01	27.66	6.3%
6480 · Trash	1,255.65	1,136.75	118.90	10.5%

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09/18/19 Accrual Basis

LAKE LEMON CONSERVANCY Profit & Loss Prev Year Comparison January through August 2019

	Jan - Aug 19	Jan - Aug 18	\$ Change	% Change
6490 · Port-O-Lets	3,464.00	360.00	3,104.00	862.2%
6500 · Pump Holding Tank	800.00	500.00	300.00	60.0%
6510 · Building & Grounds Expense	7,841.10	3,594.02	4,247.08	118.2%
6520 · Boat	805.77	2,279.14	-1,473.37	-64.7%
6530 · Truck	525.04	41.99	483.05	1,150.4%
6541 · Dredging Equipment Maintenance	14,529.66	1,836.59	12,693.07	691.1%
6542 · Equipment Rental	5,967.06	5,074.00	893.06	17.6%
6560 · Water Testing	405.00	5,571.00	-5,166.00	-92.7%
6570 · Lake Weed Treatment	28,227.00	36,423.60	-8,196.60	-22.5%
6600 · 6% MarinaPermit Sales	1,411.44	2,035.62	-624.18	-30.7%
6620 · Dam/Spillway Inspection	5,343.22	0.00	5,343.22	100.0%
6630 · Spillway Repairs	550.00	0.00	550.00	100.0%
6661 · Disposal Site Preparation	12,942.53	3,141.02	9,801.51	312.1%
6680 · Other Services and Charges	1,829.77	1,000.00	829.77	83.0%
6681 · Fireworks	8,000.00	6,500.00	1,500.00	23.1%
6700 · Computer Equipment	0.00	1,299.94	-1,299.94	-100.0%
6720 · Utility Vehicle	8,100.00	0.00	8,100.00	100.0%
Total Expense	392,466.87	328,467.12	63,999.75	19.5%
Net Income	31,732.75	41,361.69	-9,628.94	-23.3%

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09/10/19

Accrual Basis

LAKE LEMON CONSERVANCY Profit & Loss Budget vs. Actual January through August 2019

		Jan - Aug 19	Budget	\$ Over Budget	% of Budget
Income	Materenaft Dermite	105 190 06	115 000 00	-9 809 94	91.5%
4000 .	watercraft Permits	20,000,00	21 000 00	-1.00	100.0%
4010 .	Launch Fees	9 187 50	9,000,00	187.50	102.1%
4020 .	Marina & Club rees	25 025 00	27,000,00	-1 975 00	92.7%
4030 .	Sublease & Access rees	45 483 79	82 420 00	-36 936 21	55.2%
4040 .	Property Tax - Brown Co.	137 052 70	234 580 00	-96 627 21	58.8%
4050 -	Property Tax -Monroe Co.	3 227 48	1 250 00	1,977,48	258.2%
4060 -	Grants & Donations	13 955 00	7 000 00	6,955,00	199.4%
4070 -	Grants & Donations	850.00	1,500.00	-650.00	56.7%
4000 -	Park Personyations	2 275 00	4 000 00	-1.725.00	56.9%
4090	Park Admisioin Eees	50 554 00	40,000,00	10,554.00	126.4%
4100	Concessions	0.00	1.000.00	-1,000.00	0.0%
4130 -	Dredging/Rip-Rap Income	9,500.00	20,000.00	-10,500.00	47.5%
4100	Bredgingrap rap meene	404 400 00		120 550 29	75 2%
Total Inc	ome	424,199.62	563,750.00	-139,550.56	15.270
Expense	i i i i i i i i i i i i i i i i i i i				
6000 ·	Manager	43,023.09	59,800.00	-16,776.91	71.9%
6001	Operations Supervisor	22,230.73	35,000.00	-12,769.27	63.5%
6010	FICA	9,427.20	13,700.00	-4,272.80	68.8%
6020	State Unemployment Tax	19.25	800.00	-780.75	2.4%
6025	Merchant Fees	1,351.42	1,200.00	151.42	112.6%
6030	Retirement	9,266.02	14,000.00	-4,733.98	66.2%
6040	Health Insurance	0.00	6,000.00	-6,000.00	0.0%
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	18,416.78	21,000.00	-2,583.22	87.7%
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	531.00	4,800.00	-4,269.00	11.1%
6110	Lake Biologist	458.00	0.00	458.00	100.0%
6111	Dredger	12,165.50	23,400.00	-11,234.50	52.0%
6112	Dredger (Other)	13,153.48	14,625.00	-1,471.52	89.9%
6113	Assistant Dredger	6,885.00	12,000.00	-5,115.00	57.4%
6114	Assistant Dredger (Other)	4,511.25	6,000.00	-1,488.75	75.2%
6115	Dredger (Private)	1,145.50	3,900.00	-2,754.50	29.4%
6116	· Assistant Dredger (Private)	711.00	2,000.00	-1,289.00	35.6%
6120	· Season & Launch Permits	1,883.39	2,000.00	-116.61	94.2%
6130	· Daily Permits	270.00	400.00	-130.00	67.5%
6140	· Receipt/Tickets Books	350.50	400.00	-49.50	87.6%
6150	· Checks	0.00	200.00	-200.00	0.0%
6160	· Printer, Copier & Computer Supp	867.19	800.00	67.19	108.4%
6170	· Miscellaneous-Other	1,009.49	1,300.00	-290.51	77.7%
6180	· Postage	310.00	750.00	-440.00	41.3%
6185	· Receipt Books	0.00	0.00	0.00	0.0%
6190	· General Business Supplies	530.06	750.00	-219.94	70.7%
6200	· Regular Gas	4,171.16	6,000.00	-1,828.84	69.5%
6210	· Diesel	7,264.23	7,000.00	264.23	103.8%
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 	2,083.21	6,000.00	-3,916.79	34.7%
6250	 Boat/Weed Harvester/Truck 	875.86	1,500.00	-624.14	58.4%
6251	 Dredging Supplies 	9,636.55	12,000.00	-2,363.45	80.3%
6252	 Rip Rap/Erosion Control 	1,168.46	15,000.00	-13,831.54	7.8%
6260	Uniforms	0.00	200.00	-200.00	0.0%
6270	· Boat Equipment	0.00	0.00	0.00	0.0%
6280	· Radio/Communication Equipment	0.00	1,000.00	-1,000.00	0.0%
6290	 Signs & Nautical Markers 	3,149.39	2,500.00	649.39	126.0%
6300	· Accounting Services	3,600.00	5,400.00	-1,800.00	66.7%
6310	Grass	7,040.00	10,560.00	-3,520.00	66.7%
6320	· Attorney	240.00	4,000.00	-3,760.00	6.0%
6325	 Fish Managment Survey 	0.00	0.00	0.00	0.0%
6330	· Consulting Engineer	54,496.06	0.00	54,496.06	100.0%
6340	 State Board Accounts Audit 	0.00	0.00	0.00	0.0%
6350	· Other Prof/Secretarial Service	2,500.00	1,000.00	1,500.00	250.0%
6370	· Phone, LDT, Pager, E-Mail	2,199.64	3,000.00	-800.36	73.3%

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Accrual Basis

LAKE LEMON CONSERVANCY Profit & Loss Budget vs. Actual January through August 2019

	Jan - Aug 19	Budget	\$ Over Budget	% of Budget
6290 . Traval	0.00	0.00	0.00	0.0%
6380 · Travel	396 50	300.00	96.50	132.2%
6400 · Moals	52 00	150.00	-98.00	34.7%
6400 · Means	1 191 25	800.00	391.25	148.9%
6410 · Subscriptions	0.00	600.00	-600.00	0.0%
6420 · Newsletter	43.03	500.00	-456.97	8.6%
6430 · Ads	802.37	1,500.00	-697.63	53.5%
6440 · Other	37 386 75	45,000,00	-7.613.25	83.1%
6450 · Electric	3,189,65	5,000.00	-1,810.35	63.8%
6470 Water	467.67	750.00	-282.33	62.4%
6480 · Trash	1,255,65	1,500.00	-244.35	83.7%
6490 · Port-O-Lets	3,464,00	2,000.00	1,464.00	173.2%
6500 · Pump Holding Tank	800.00	800.00	0.00	100.0%
6510 · Building & Grounds Expense	7.841.10	15,500.00	-7,658.90	50.6%
6520 · Boat	805.77	2,000.00	-1,194.23	40.3%
6530 · Truck	525.04	1,000.00	-474.96	52.5%
6540 · Sluice Gate Inspection	0.00	0.00	0.00	0.0%
6541 · Dredging Equipment Maintenance	14,529,66	10,000.00	4,529.66	145.3%
6542 · Equipment Rental	5,967,06	5,000.00	967.06	119.3%
6550 · Operating Loan	0.00	0.00	0.00	0.0%
6560 · Water Testing	405.00	6.500.00	-6,095.00	6.2%
6570 · Lake Weed Treatment	28 227.00	50,000,00	-21,773.00	56.5%
6580 - Erosion Control/Matching Fund	0.00	0.00	0.00	0.0%
6500 · Contigency Funds 10%	0.00	5,000.00	-5,000.00	0.0%
6600 · 6% MarinaPermit Sales	1.411.44	2,300.00	-888.56	61.4%
6610 · Cumulative Maintenance Fund	0.00	5,000.00	-5,000.00	0.0%
6620 · Dam/Spillway Inspection	5.343.22	5,000.00	343.22	106.9%
6630 · Spillway Repairs	550.00	0.00	550.00	100.0%
6640 · Soil Testing IDEM	0.00	0.00	0.00	0.0%
6650 · Dredge Matching Fund	0.00	10,000.00	-10,000.00	0.0%
6660 · Dredging/Engineering	0.00	. 0.00	0.00	0.0%
6661 · Disposal Site Preparation	12,942.53	10,000.00	2,942.53	129.4%
6662 · Debt Service-Dreding 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 (Dreding Equip.)	0.00	0.00	0.00	0.0%
6680 · Other Services and Charges	1,829.77	1,500.00	329.77	122.0%
6681 · Fireworks	8,000.00	6,500.00	1,500.00	123.1%
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%
6710 · Boat Dock	0.00	0.00	0.00	0.0%
6720 · Utility Vehicle	8,100.00	0.00	8,100.00	100.0%
6730 · Patrol Boat	0.00	0.00	0.00	0.0%
6740 · Work Boat (Pontoon)	0.00	0.00	0.00	0.0%
6760 · Other Capital Outlays	0.00	0.00	0.00	0.0%
6770 · LLCD Pick-up Truck	0.00	0.00	0.00	0.0%
Total Expense	392,466.87	563,185.00	-170,718.13	69.7%
Net Income	31 732 75	565.00	31.167.75	5,616.4%

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09/04/19

LAKE LEMON CONSERVANCY Reconciliation Summary 1000 · Peoples State Bank, Period Ending 08/31/2019

Aug 31, 19	
476,169.	34
104 120 07	
-104,139.97	
21,854.00	
-82,285.97	
393,883.	37
-1,308.33	
-1,308.33	
392,575.	04
-601.38	
2,787.00	
2,185.62	
394,760.	.66
	Aug 31, 19 476,169. -104,139.97 21,854.00 -82,285.97 393,883. -1,308.33 -1,308.33 392,575. -601.38 2,787.00 2,185.62 394,760.

4:00 PM

09/04/19

LAKE LEMON CONSERVANCY Reconciliation Detail 1000 · Peoples State Bank, Period Ending 08/31/2019

Type	Date	Num	Name	Clr	Amount	Balance
Paging Palaras						476,169.34
Cleared Tran	sactions					
Checks ar	nd Payments - 2	5 items				4 912 24
Check	7/29/2019	4765	CHRISTOPHER B	X	-4,813.34	-4,813.34
Check	8/1/2019	4377	KOEING EQUIPME	X	-8,100.00	12,913.34
Check	8/2/2019	4767	ROLYAN BUOYS	X	-899.00	-14 698 69
Check	8/2/2019	4769	MACALLISTER MA	X	-880.30	-15 228 69
Check	8/2/2019	4766	PAUL YOUNG PLU	X	-550.00	-15 396 72
Check	8/2/2019	4768	KLEINDORFER HA	Š	20 227 00	-43 623 72
Check	8/9/2019	4772	AQUATIC CONTR	×	-28,227.00	-45 623.72
Check	8/9/2019	4775	JOHNSON, GROS	Ŷ	-1 916 85	-47.540.57
Check	8/9/2019	4//1	B & B WATER COPP	Ŷ	-81.90	-47,622.47
Check	8/9/2019	4773	STAPLES CREDIT	x	-26.97	-47,649.44
Check	8/9/2019	4770	WRIGHT-HENNEPI	x	-22.95	-47,672.39
Check	8/16/2019	4774	FIRST INSURANC	X	-7,404.00	-55,076.39
Check	8/16/2019	4778	REPUBLIC SERVI	х	-190.06	-55,266.45
Check	8/20/2019	4779	N. ANDERSON EX	х	-1,760.00	-57,026.45
Check	8/20/2019	4783	WATKINS ACCOU	Х	-450.00	-57,476.45
Check	8/20/2019	4782	IZZY'S RENTAL	Х	-385.00	-57,861.45
Check	8/20/2019	4781	SCI REMC	х	-353.00	-58,214.45
Check	8/20/2019	4780	COMCAST CABLE	х	-275.71	-58,490.16
Check	8/27/2019	4786	CHRISTOPHER B	Х	-13,661.25	-72,151.41
Check	8/27/2019	4784	VISA	х	-2,251.83	-74,403.24
General Journal	8/31/2019			х	-20,990.51	-95,393.75
General Journal	8/31/2019			х	-8,209.22	-103,602.97
General Journal	8/31/2019			Х	-500.00	-104,102.97
General Journal	8/31/2019			X	-37.00	-104,139.97
Total Che	cks and Paymen	nts			-104,139.97	-104,139.97
Deposits	and Credits - 9	items				4 000 00
General Journal	8/2/2019			Х	1,282.00	1,282.00
General Journal	8/6/2019			X	4,738.00	0,020.00
General Journal	8/9/2019			X	3,539.00	13 633 00
General Journal	8/13/2019			X	4,074.00	14 475 00
General Journal	8/16/2019			X	2 004 00	16 569 00
General Journal	8/20/2019			X	2,094.00	19 848 00
General Journal	8/23/2019			÷	1 422 00	21 270 00
General Journal	8/27/2019			x	584.00	21,854.00
General Journal Total Der	o/SU/2019	s		A	21,854.00	21,854.00
		-			-82 285 97	-82,285.97
Total Cleare	d Transactions					393 883 37
Cleared Balance					-02,205.97	000,000.07
Uncleared 1	Transactions	5 itoms				
Check Checks a	8/16/2010	4776	TODD'S SEPTIC S		-350.00	-350.00
Check	8/27/2019	4787	REPUBLIC SERVI		-375.12	-725.12
Check	8/27/2019	4785	INDUSTRIAL SER		-6.04	-731.16
Check	8/30/2019	4788	KLEINDORFER HA		-335.92	-1,067.08
Check	8/30/2019	4789	THE HERALD TIMES		-241.25	-1,308.33
Total Che	ecks and Payme	nts			-1,308.33	-1,308.33
Total Unclea	ared Transaction	s			-1,308.33	-1,308.33
Pogister Balance	as of 08/31/2019				-83,594.30	392,575.04
New Trans	actions					
	and Pavments -	1 item				
Check	9/3/2019	4791	SCHELL MARINA,		-601.38	-601.38
Total Ch	ecks and Payme	nts			-601.38	-601.38
Deposits General Journal	s and Credits - 1 9/3/2019	l item			2,787.00	2,787.00
Total De	posits and Credit	ts			2,787.00	2,787.00

A:00 PM

09/04/19

LAKE LEMON CONSERVANCY Reconciliation Detail 1000 · Peoples State Bank, Period Ending 08/31/2019

Туре	Date	Num	Name	Clr	Amount	Balance
Total New Tran	nsactions			_	2,185.62	2,185.62
Ending Balance				_	-81,408.68	394,760.66

Lake Lemon Conservancy District

Board Meeting Agenda Item

Presenter	Mike Blackwell, Treasurer
Action Requested	Approval
Item/Subject	August Report of Claims: Approval of Vouchers
Dollar Amount	\$91, 888 . 7 4
Meeting Date	September 26 th , 2019
Summary	Report showing check detail and payroll expenditures for August 2019
Staff Recommendation	Approval of July 2019 Report of Claims



Lake Lemon Conservancy District

Date: September 26, 2019

ALLOWANCE OF VOUCHERS

Mike Blackwell Treasurer

(Report of Claims- August 2019)

(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 7 pages, and except for vouchers not allowed as shown on the Register such vouchers are allowed in the total of \$91,888.74

Dated this 26th Day of September 2019

Signature of Governing Board

PAM DUGAN, CHAIRM

MARY JANE BROWN, VICE-CHAIR

MIKE BLACKEWELL, TREASURER

MICHAEL KLITZING, Sub-Area I

DERE

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LORA SCHELL, Sub-Area

LES WADZINSKI, Sub-Area V

09/10/19

LAKE LEMON CONSERVANCY **Check Detail** August 2019

Item **Paid Amount Original Amount** Date Name Account Туре Num Check 4377 8/1/2019 KOEING EQUIPMENT 1000 · Peoples Sta ... -8,100.00 John Deere Gator 6720 · Utility Vehicle -8,100.00 8,100.00 -8.100.00 8.100.00 TOTAL PAUL YOUNG PLUMBING, INC. 1000 · Peoples Sta... -530.00 Check 4766 8/2/2019 6510 · Building & G... -530.00 530.00 -530.00 530.00 TOTAL 4767 8/2/2019 **ROLYAN BUOYS** 1000 · Peoples Sta ... -899.00 Check No Wake and channel buoys -899.00 899.00 6290 · Signs & Nau... -899.00 899.00 TOTAL 1000 · Peoples Sta ... -168.03 4768 8/2/2019 KLEINDORFER HARDWARE Check 6251 · Dredging Su... -168.03 168.03 TOTAL -168.03 168.03 1000 · Peoples Sta ... -886.35 4769 8/2/2019 MACALLISTER MACHINERY CO. Check **Dump Truck Transmission Testing** -886.35 886.35 6541 · Dredging Eq... -886.35 TOTAL 886.35 STAPLES CREDIT PLAN 1000 · Peoples Sta ... -26.97 4770 8/9/2019 Check 6190 · General Busi ... -26.97 26.97 TOTAL -26.97 26.97 Check 4771 8/9/2019 WHITE RIVER CO-OP 1000 · Peoples Sta ... -1,916.85 6210 · Diesel -1,916.85 1,916.85 -1.916.85 1,916.85 TOTAL AQUATIC CONTROL, INC. 1000 · Peoples Sta ... -28,227.00 Check 4772 8/9/2019 Submersed Vegetation Treatment 6570 · Lake Weed -28.227.00 28,227.00 -28,227.00 28,227.00

TOTAL

09/10/19

LAKE LEMON CONSERVANCY Check Detail August 2019

Туре	Num	Date	Name Item	A	ccount	Paid Amount	Original Amount
Check	4773	8/9/2019	B & B WATER CORP	1000 · P	eoples Sta		-81.90
Oneon				6470 · V	Vater	-81.90	81.90
TOTAL						-81.90	81.90
Check	4774	8/9/2019	WRIGHT-HENNEPIN COOPERATIVE ELE	1000 · F	Peoples Sta		-22.95
			New security monitoring center	6460 · E	Electric	-22.95	22.95
TOTAL						-22.95	22.95
Cheek	4775	8/9/2019	JOHNSON, GROSSNICKLE AND ASSOCI	1000 · F	Peoples Sta		-2,000.00
Check	4//3	0/0/2010	Capital campaign training	6350 · 0	Other Prof/S	-2,000.00	2,000.00
			Capital callpaign tailing			-2,000.00	2,000.00
TOTAL	4776	8/16/2019	TODD'S SEPTIC SERVICE	1000 · I	Peoples Sta		-350.00
Check	4170			6500 · I	Pump Holdin	-350.00	350.00
TOTAL						-350.00	350.00
Check	4777	8/16/2019	FIRST INSURANCE GROUP	1000 ·	Peoples Sta		-7,404.00
CHECK				6450	Insurance	-7,404.00	7,404.00
TOTAL						-7,404.00	7,404.00
Check	4778	8/16/2019	REPUBLIC SERVICES	1000 ·	Peoples Sta		-190.06
				6480 ·	Trash	-190.06	190.06
τοται						-190.06	190.06
Check	4779	8/20/2019	N. ANDERSON EXCAVATING & LAWN CA	1000 ·	Peoples Sta		-1,760.00
				6310 ·	Grass	-1,760.00	1,760.00
τοται						-1,760.00	1,760.00
Check	4780	8/20/2019	COMCAST CABLE	1000 ·	Peoples Sta		-275.71
Olleck				6370 ·	Phone, LDT,	-275.71	275.71
						-275.71	275.71

09/10/19

LAKE LEMON CONSERVANCY Check Detail August 2019

Туре	Num	Date	Name	Item		Account	Paid Amount	Original Amount
Check	4781	8/20/2019	SCIREMC		1000 -	Peoples Sta		-353.00
					6460	Electric	-353.00	353.00
TOTAL							-353.00	353.00
Check	4782	8/20/2019	IZZY'S RENTAL		1000	Peoples Sta		-385.00
					6490	Port-O-Lets	-385.00	385.00
TOTAL							-385.00	385.00
Check	4783	8/20/2019	WATKINS ACCOUNTING		1000	Peoples Sta		-450.00
					6300	Accounting	-450.00	450.00
TOTAL							-450.00	450.00
Check	4784	8/27/2019	VISA		1000	· Peoples Sta		-2,251.83
			Welder battery, o	il, hose couplers	6251	Dredging Su	-998.08	998.08
			Tow truck for st	uck dump truck	6541	Dredging Eq	-515.00	515.00
			Boat props and p	ing brooks gas tank	6250	· Boat/Weed	-570.17	25.61
			Pair Buoy Ca	hig break. galor	6290	Signs & Nau	-87.97	87.97
				Stamps	6180	Postage	-55.00	55.00
TOTAL				·			-2,251.83	2,251.83
Check	4785	8/27/2019	INDUSTRIAL SERVICE & SUPPLY INC		1000	· Peoples Sta		-6.04
					6251	· Dredging Su	-6.04	6.04
TOTAL							-6.04	6.04
Check	4786	8/27/2019	CHRISTOPHER B BURKE ENGINEERING		1000	· Peoples Sta		-13,661.25
			Sediment T	ransport Study	6330	· Consulting E	-13,661.25	13,661.25
TOTAL							-13,661.25	13,661.25
Check	4787	8/27/2019	REPUBLIC SERVICES		1000	· Peoples Sta		-375.12
					6480	Trash	-375.12	375.12
							-375.12	375.12

TOTAL

09/10/19

LAKE LEMON CONSERVANCY Check Detail August 2019

Туре	Num	Date	Name	ltem	Account	Paid Amount	Original Amount
Check	4788	8/30/2019	KLEINDORFER HARDWARE		1000 · Peoples Sta		-335.92
				Chains and hook ends	6251 · Dredging Su	-335.92	335.92
TOTAL						-335.92	335.92
Check	4789	8/30/2019	THE HERALD TIMES		1000 · Peoples Sta		-241.25
				Annual Subscription	6410 · Subscriptions	-241.25	241.25
TOTAL						-241.25	241.25

Total: \$70,898.23

09/10/19

LAKE LEMON CONSERVANCY DISTRICT Payroll Summary August 2019

	Alle	nder, Clinto	on L	Во	de, Randall	S	Bro	wn, Andrev	v M	С	Casey, Adam W	
	Hours	Rate	Aug 19	Hours	Rate	Aug 19	Hours	Rate	Aug 19	Hours	Rate	Aug 19
Employee Wages, Taxes and Adjustments												
Gross Pay												
Salary-6000			0.00			0.00			0.00			7 592 31
Salary-6001			0.00			0.00			0.00			0.00
OT-6070			0.00	7.5	15.75	118.13			0.00			0.00
Reg. Pay-6070			0.00	211	10.50	2,215.50	180.5	9.50	1,714.75			0.00
Reg.Pay-6100			0.00			0.00			0.00			0.00
Reg.Pay-6110			0.00			0.00			0.00			0.00
Reg.Pay-6111	199	29.00	5,771.00			0.00			0.00			0.00
Reg.Pay-6112	19.5	29.00	565.50			0.00			0.00			0.00
Reg.Pay-6113		20.00	0.00			0.00			0.00			0.00
Reg.Pay-6114		20.00	0.00			0.00			0.00			0.00
Reg.Pay-6115		29.00	0.00			0.00			0.00			0.00
Reg.Pay-6116		20.00	0.00			0.00			0.00			0.00
Total Gross Pay	218.5		6,336.50	218.5		2,333.63	180.5		1,714.75			7,592.31
Deductions from Gross Pay												
Insurance			0.00			0.00			0.00			0.00
Retirement			0.00			0.00			0.00			-455.55
Total Deductions from Gross Pay			0.00			0.00			0.00			-455.55
Adjusted Gross Pay	218.5		6,336.50	218.5		2,333.63	180.5		1,714.75			7,136.76
Taxes Withheld												
Federal Withholding			-820.00			-198.00			-127 00			1 095 00
Medicare Employee			-91.88			-33.84			-24.86			-110.08
Social Security Employee			-392.87			-144.69			-106.32			-470 72
IN - Withholding			-204.67			-75.39			-55.40			-230.52
Law. Co.			-110.89			0.00			0.00			0.00
Medicare Employee Addl Tax			0.00			0.00			0.00			0.00
Monroe Co.			0.00			-31.39			-23.07			-78.15
Total Taxes Withheld			-1,620.31			-483.31			-336.65			-1,984.47
Net Pay	218.5		4,716.19	218.5		1,850.32	180.5		1,378.10			5,152.29
Employer Taxes and Contributions	37											
Federal Unemployment			0.00			14 00			10.20			0.00
Medicare Company			91.88			33 84			24.86			110.00
Social Security Company			392.87			144 69			106 32			470.72
IN - Unemployment Company			0.00			11.67			8.57			0.00
Total Employer Taxes and Contributions			484.75			204.20			150.04			580.80

09/10/19

LAKE LEMON CONSERVANCY DISTRICT Payroll Summary August 2019

	Hopkins, Matthew K		Sch	reiner, Jame	s R	Sno	oks, Frankl	in A	Sul	livan, Calab	D	
	Hours	Rate	Aug 19	Hours	Rate	Aug 19	Hours	Rate	Aug 19	Hours	Rate	Aug 19
Employee Wages, Taxes and Adjustments Gross Pay												
Salary-6000			0.00			0.00			0.00			0.00
Salary-6001			0.00			0.00			3 923 07			0.00
OT-6070	3.5	16.50	57.75			0.00			0.00			0.00
Reg. Pav-6070	199.5	11.00	2,194,50		16.00	0.00		11 50	0.00			0.00
Reg.Pav-6100			0.00	16.5	12.00	198.00		11.00	0.00			0.00
Reg.Pay-6110			0.00		18.00	0.00		11.50	0.00			0.00
Reg.Pay-6111			0.00			0.00			0.00			0.00
Reg.Pay-6112			0.00		18.00	0.00			0.00			0.00
Reg.Pay-6113			0.00		18.00	0.00			0.00	187.5	18 00	3 375 00
Reg.Pay-6114			0.00		18.00	0.00			0.00	21	18.00	378.00
Reg.Pay-6115			0.00			0.00			0.00		10.00	0.00
Reg.Pay-6116	1		0.00	<u></u>		0.00			0.00		18.00	0.00
Total Gross Pay	203		2,252.25	16.5		198.00			3,923.07	208.5		3,753.00
Deductions from Gross Pav												
Insurance			0.00			0.00			0.00			0.00
Retirement			0.00			0.00			-117.69			0.00
Total Deductions from Gross Pay			0.00			0.00			-117.69			0.00
Adjusted Gross Pay	203		2,252.25	16.5		198.00			3,805.38	208.5		3,753.00
Taxes Withheld												
Federal Withholding			-127.00			0.00			-396.00			-369 00
Medicare Employee			-32.66			-2.87			-56.88			-54.42
Social Security Employee			-139.64			-12.27			-243.23			-232.68
IN - Withholding			-72.75			-6.40			-122.91			-121.22
Law. Co.			0.00			0.00			0.00			0.00
Medicare Employee Addl Tax			0.00			0.00			0.00			0.00
Monroe Co.			-30.29			-2.66			-41.67			-50.47
Total Taxes Withheld			-402.34			-24.20			-860.69			-827.79
Net Pay	203		1,849.91	16.5		173.80			2,944.69	208.5		2,925.21
Employer Taxes and Contributions												
Federal Unemployment			10.75			1 19			0.00			8 20
Medicare Company			32.66			2 87			56.88			54.42
Social Security Company			139.64			12 27			243 23			232 68
IN - Unemployment Company			11.26			0.99			0.00			18.77
Total Employer Taxes and Contributions			194.31			17.32			300.11			314.07

09/10/19

LAKE LEMON CONSERVANCY DISTRICT Payroll Summary August 2019

		TOTAL	
	Hours	Rate	Aug 19
Employee Wages, Taxes and Adjustments			
Gross Pay			
Salary-6000			7,592.31
Salary-6001			3,923.07
OT-6070	11.00		175.88
Reg. Pay-6070	591.00		6,124.75
Reg.Pay-6100	16.50		198.00
Reg.Pay-6110	100.00		0.00
Reg.Pay-6111	199.00		5,771.00
Reg.Pay-6112	19.50		565.50
Reg.Pay-6113	187.50		3,375.00
Reg.Pay-6114	21.00		378.00
Reg.Pay-6115			0.00
Reg.ray-0110			0.00
Total Gross Pay	1,045.50		28,103.51
Deductions from Groce Rev			
Insurance			0.00
Botiromont			0.00
Retrement			-5/3.24
Total Deductions from Gross Pay			-573.24
Adjusted Gross Pay	1,045.50		27,530.27
Taxes Withheld			
Federal Withholding			-3,132.00
Medicare Employee			-407.49
Social Security Employee			-1,742.42
IN - Withholding			-889.26
Law. Co.			-110.89
Medicare Employee AddI Tax			0.00
Monroe Co.			-257.70
Total Taxes Withheld			-6,539.76
Net Pay	1,045.50		20,990.51
Employer Taxes and Contributions			
Federal Unemployment			11 13
Medicare Company			44.43
Social Security Company			1 742 42
IN - Unemployment Company			51.26
Total Employer Taxes and Contributions			2,245.60

Lake Lemon Conservancy District

Board Meeting Agenda Item

Presenter	Mike Blackwell, Treasurer
Action Requested	Discussion
Item/Subject	2020 Fees and Charges Discussion
Dollar Amount	N/A
Meeting Date	Se ptember 2 6 th , 2019
Summary	Discuss and Recommend 2020 Fees and Charges. Analysis sheet included.
Staff Recommendation	Discussion and Consensus of 2020 Fees and Charges

Lake Lemon Conservancy District 2020 Fees and Charges

Annual Boat Permits*	2020**	2019	2018	2020**	2019	2018
	Resident	Resident	Resident	Non-	Non-	Non-
				Resident	Resident	Resident
All boats with motors 10	\$70.00	\$68.00	\$68.00	100.00	\$95.00	\$95.00
HP and larger						
All boats with motors less	\$45.00	\$41.00	\$41.00	\$70.00	\$68.00	\$68.00
than 10 HP including row						
boats and sail boats						
Personal Water Craft	\$125.00	\$123.00	\$123.00	\$165.00	\$150.00	\$150.00
Commercial Guide Boat	\$500.00	\$500.00		\$500.00	\$500.00	
Fee						
Daily Boat Permits***	2020	2019	2018	2020	2019	2018
	Resident	Resident	Resident	Non-	non-	Non-
				Resident	Resident	Resident
All boats with motors 10	\$12.00	\$10.00	\$10.00	\$12.00	\$10.00	\$10.00
HP and larger						
All boats with motors less	\$8.00	\$7.00	\$7.00	\$8.00	\$7.00	\$7.00
than 10 HP including row						
boats and sail boats						
Personal Water Craft	\$20.00	\$17.00	\$17.00	\$20.00	\$17.00	\$17.00
Boat Launch (ramp) Fees	2020	2019	2018	2020	2019	2018
- Riddle Point Park	Resident	Resident	Resident	Non-	non-	Non-
				Resident	Resident	Resident
Daily	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00
Annual	\$35.00	\$33.00	\$33.00	\$35.00	\$33.00	\$33.00

*Canoes, paddleboats, and kayaks are excluded from Boat Permit Fees but are required to pay launch fees if ramp is used. Education discount – 50%.

**Resident is defined as:

- 1. Private property owners (Freeholders) within the Conservancy District boundaries.
- 2. City of Bloomington Utilities (CBU) water company customers, if a copy of CBU water bill is provided at time of annual boat permit purchase.
- 3. Commercial, not for profit, and educational marina's wet and dry slip renters and members.

***Sailing regatta special event daily boat permit fee – 50% discount.

Fishing Tournaments	2020	2019	2018
Application Fee Per	\$75.00	\$50.00	\$100.00
Tournament			
Tournament Fee Per Boat (in	\$0.00	\$0.00	\$0.00
addition to Daily Boat			
Permit)			

Sub-Lease Fees	2020	2019	2018
Sublease Agreement Fee (Discount of \$40 if paid by March 1 st)	\$190.00	\$190.00	\$190.00
Commercial Sublease Agreement Fee	\$500.00	\$500.00	\$500.00

Commercial Marina Fees		2020	2019	2018
Annual Fee		\$1000.00	\$1000.00	\$1000.00
Occupied Wet Boat Slips		\$75.00/slip	\$75.00/slip	\$75.00/slip
Occupied PWC Slips		\$37.50/slip	\$37.50/slip	\$37.50/slip
	Not for Profit / Educational Yacht and Sailing Club Fees			
Annual Fee		\$500.00	\$500.00	\$500.00
Occupied Wet Boat Slips		\$37.50/slip	\$37.50/slip	\$37.50/slip

Riddle Point Park Fees	2020	2019	2018
Special Use Fee	\$300.00/day/event	\$250.00/day/event	\$250.00/day/event
Shelter Fee (+\$100.00 refundable damage deposit)	\$125.00 per day	\$125.00 per day	\$125.00 per day

Riddle Point Park Entrance	2020	2019	2018	
Fees	(Memorial Day Weekend to Labor Day Weekend, 7 days per week)	(Memorial Day Weekend to Labor Day Weekend, 7 days per week)	(Memorial Day Weekend to Labor Day Weekend, 7 days per week)	
Daily Admission Fee	\$8.00/motorized vehicle	\$7.00/motorized vehicle	\$7.00/motorized vehicle	
Seasonal Pass Admission Fee	\$60.00/motorized vehicle	\$60.00/motorized vehicle	\$60.00/motorized	
			vehicle	

Administrative Fees	2020	2019	2018
Public Record Copy	\$0.10 per page	\$0.10 per page	\$0.10 per page
Charge			

Barge Fees	2020	2019	2018
Dredging	\$1,500/Large Barge Load	\$1,500/Large Barge Load	\$1,000.00/Barge Load
	\$1,000/Small Barge Load	\$1,000/Small Barge Load	
	\$2500/Large Barge Load utilizing combination of	\$2500/Large Barge Load utilizing combination of	
	barges	barges	
Shoreline Erosion	\$100.00/Hour Plus	\$100.00/Hour Plus	\$100.00/Hour Plus
Control	Current LLCD tonnage	Current LLCD tonnage	Current LLCD
(Rip-Rap)	cost	cost	tonnage cost
	for Gabion Rip/Rap	for Gabion Rip/Rap	for Gabion Rip/Rap
Lake Lemon Conservancy District

Board Meeting Agenda Item

Presenter	Mike Blackwell, Treasurer
Action Requested	Discussion
Item/Subject	Public Hearing: 2020 Proposed Budget
Dollar Amount	N/A
Meeting Date	September 2 6 th , 2019
Summary	Public Hearing on the proposed 2020 Budget.
Staff Recommendation	Presentation of the Proposed 2020 Budget

REVENUES

Account #	Description	2020 Budget	2019 Approved	2018 Budget	2018 Actual
4000	Watercraft Permits	115000	115,000	115,000.00	108,356.00
4010	Launch Fees	21000	21000	22,000.00	20,987.00
4020	Marina & Club Fees	9000	9000	9,000.00	8,499.00
4030	Sublease Fees	27000	27000	27,000.00	26,830.00
4040	Property Tax - BC	82420	82420	65,000.00	62,678.69
4050	Property Tax - MC	234580	234580	185,000.00	188,560.14
4060	Interest	1250	1250	1,250.00	1,413.97
4070	Grants & Donations	12000	7000	7,000.00	13,305.00
4071	Community Foundation	0			
4080	Fish Tournaments	1500	1500	1,400.00	4,360.00
4090	Park/Lake Reservations	4000	4000	4,000.00	3,300.00
4100	Park Admission Fees	44000	40000	40,000.00	46,338.00
4110	Concessions	0	1000	1,000.00	0.00
4120	Other	0	0	0.00	0.00
4130	Dredging/Rip-Rap Income	30000	20000	20,000.00	21,988.85
	Sediment Removal				
4140	Bond Loan Proceeds	1200000	100000	0.00	0.00
	TOTAL	1,781,750.00	1,563,750.00	497,650.00	506,616.65

Account #		2020 Budget	2019 Approved	2018 Budget	2018 Actual
Salaries & B	Benefits	5		0	
6000	District Manager	62,000	59800	52,000.00	52,000.00
6001	Park Operations Supervisor	36,050	35000	41,000.00	0.00
6002	Equipment Operations Supervisor	40,000			
6010	FICA (7.65%all staff)	13700	13700	13,500.00	11,872.61
6020	SUTA (1.236% to 9.5Kall staff)	800	800	800.00	348.62
6030	PERF (14.2%)	15200	14000	15,000.00	8,480.00
6040	Health Insurance	15000	6000	10,000.00	5,167.93
6050	Life Insurance	0	0	0.00	0.00
	TOTAL	182,750.00	129,300.00	132,300.00	77,869.16
Hourly & Se	asonal				
	Gate / Park Attendants				
6070	(1909 hrs @ \$11.50/hr)	22000	21000	21,000.00	24,734.40
	Lake Patrol				
6100	(167 hrs @ \$12.00/hr)	2000	4800	4,800.00	568.00
	Lake Biologist				
6110	(1600 hrs @ \$17.00/hr)	0	0	0.00	15,598.39
	Dredger				
	(LLCD Dredging)				
6111	(600 hrs @ \$39.00/hr)	0	23400	23,100.00	17,633.00
	Dredger				
	(Other)				
6112	(375 hrs @ \$39.00/hr)	0	14625	14,500.00	16,404.63
	Push Boat Operator				
	(LLCD Dredging)				
6113	(600 hrs @ \$20.00/hr)	12000	12000	11,400.00	15,177.00
	Push Boat Operator				
	(Other)				
6114	(300 hrs @ \$20.00/hr)	6000	6000	5,700.00	7,915.00
	Dredger				
	(Private)	-			
6115	(100 hrs @ \$39.00/hr)	0	3900	3,850.00	3,465.00
	Push Boat Operator				
	(Private)			(4 700 00
6116	(100 hrs @ \$20.00/hr)	2000	2000	1,900.00	1,702.00
	TOTAL	44,000.00	87,725.00	86,250.00	103,197.42
				040 550 00	404 000 70
	GRAND TOTAL WAGES	226,750.00	217,025.00	218,550.00	181,066.58

2020 Budget

				SL	JPPLIES
Account #	Description	2020 Budget	2019 Approved	2018 Budget	2018 Actual
Office Suppli	es				
6025	Merchant Fees	1200	1200		
6120	Season & Launch Permits	2000	2000	1,700.00	1,949.80
6130	Daily Permits	400	400	400.00	270.00
6140	Receipt/Ticket Books	400	400	400.00	440.49
6150	Checks	200	200	200.00	99.90
6160	Printer, Copier, Computer	800	800	800.00	286.23
6170	Miscellaneous/Other	1300	1300	1,300.00	1,727.23
6180	Postage	750	750	750.00	854.02
6185	Receipt Books	0	0	0.00	741.39
6190	General Business Supplies	750	750	750.00	1,335.57
	TOTAL	7,800.00	7,800.00	6,300.00	7,704.63
Operating Su	pplies				
6200	Regular Gas	7000	6000	6,000.00	5,355.46
6210	Diesel, Oil, Grease	9000	7000	7,000.00	12,702.02
6220	Janitorial	0	0	0.00	0.00
6230	Medical	0	0	3,000.00	2,949.97
	TOTAL	16,000.00	13,000.00	16,000.00	21,007.45
Repair & Mai	ntenance Supplies				
6240	Building & Grounds	6000	6000	5,000.00	2,311.61
6250	Boats, Trucks	1500	1500	1,500.00	414.76
6251	Dredging Supplies	12000	12000	12,000.00	9,945.98
6252	Rip Rap/ Erosion Control	15000	15000	15,000.00	16,143.70
	TOTAL	34,500.00	34,500.00	33,500.00	28,816.05
Other Supplie	es				
6260	Uniforms	600	200	200.00	569.53
6270	Boat Equipment	0	0	0.00	0.00
6280	Radios	0	1000	0.00	0.00
6290	Signs/Nautical Markers	3000	2500	3,500.00	4,362.49
	TOTAL	3,600.00	3,700.00	3,700.00	4,932.02
	GRAND TOTAL SUPPLIES	61,900.00	59,000.00	59,500.00	62,460.15

2020 Budget

SERVICES & CHARGES

Account #	Description	2020 Budget	2019 Approved	2018 Budget	2018 Actual
Profession	al Services				
6300	Accounting Services	5400	5400	5400	5400
6310	Grass Mowing	15000	10560	10560	10560
6320	Attorney	4000	4000	4000	1627.5
6325	Fish Management Survey	0	0	0	4000
6330	Consulting Engineers	\$50,000	\$50,000	50000	41424.21
	TOTAL	74,400.00	69,960.00	69,960.00	63,011.71
Communic	ation/Transportation				
6350	Other Professional/Secretarial Services	1000	1000	1000	921
6370	Phone, LDT, Email, etc.	3000	3000	2900	3386.61
6380	Travel	0	0	0	0
6390	Hotel	300	300	300	636
6400	Meals	150	150	150	195.05
6410	Subscriptions/Memberships	800	800	350	541.99
	TOTAL	5,250.00	5,250.00	4,700.00	5,680.65
Printing/Ac	lvertising/Events				
6420	Newsletter	600	600	0	714
6430	Ads(legal notices)	500	500	500	86
6440	Other Printing	1500	1500	1000	600.6
6441	Event Planing	1500			
	TOTAL	4,100.00	2,600.00	1,500.00	1,400.60
Insurance					
6450	Insurance	45000	45000	45000	44669.1
	TOTAL	45,000.00	45,000.00	45,000.00	44,669.10
Utility Serv	rices		-	-	-
6460	Electric	5000	5000	5000	5545.4
6470	Water	750	750	750	671.51
6480	Trash	1500	1500	1500	1538.3
6490	Port-o-lets	2000	2000	2000	360
6500	Pump Holding Tank	800	800	800	500
	TOTAL	10,050.00	10,050.00	10,050.00	8,615.21

2020 Budget

SERVICES & CHARGES (Continued)

Account #	Description	2020 Budget	2019 Proposed	2018 Budget	2018 Actual
Repair & M	aintenance				
6510	Building & Grounds/ADA	10,000	15500	5,500.00	8,754.69
6520	Boats	2000	2000	3,000.00	2,645.14
6530	Trucks	1000	1000	1,000.00	41.99
6540	Sluice Gate Inspection	0	0	0.00	0.00
6541	Dredging Equipment Repairs	10000	10000	15,000.00	1,836.59
6542	Equipment Rental	7500	5000	17,000.00	5,074.00
	TOTAL	30,500.00	33,500.00	41,500.00	18,352.41
Other Serv	ices & Charges				
6560	Water Testing	6500	6500	5,500.00	5,771.00
6570	Lake Weed Treatment	50000	50000	50,000.00	36,891.60
6580	Erosion Control	0	0	0.00	0.00
6590	Contingency Fund 10%	5000	5000	5,000.00	0.00
6600	6% Commission-Marina Sales	2300	2300	2,300.00	2,131.20
6610	Cumulative Maintenance Fund	7500	5000	5,000.00	0.00
6620	Dam/Spillway Inspection	0	5000	0.00	0.00
6630	Dam/Spillway Repairs	5000	0	10,000.00	0.00
6640	Soil Testing (IDEM)	0	0	0.00	0.00
6650	Pre-sediment Management Plan	0	10,000	0.00	0.00
6661	Disposal Site Preparation	15000	10000	10,000.00	3,364.21
6662	Debt Service- Bond repayment	67000	67,000.00	0.00	0.00
	Silt Container, Barge Assembly,				
6663	,Barge Mobilization	0	0	0.00	0.00
6670	Interest Expense (Line of Credit)	0	0	0.00	0.00
	Other Servies and Charges (Debris				
6680	Removal)	1500	1500	1,000.00	1,383.17
6681	Fireworks	8000	6500	6,500.00	6,500.00
6682	Ramp Repairs	2000	2000	0.00	0.00
	TOTAL	169,800.00	170,800.00	95,300.00	56,041.18
	GRAND TOTAL SERVICES AND CHARGES	339,100.00	337,160.00	268,010.00	197,770.86

		2020 Budget				
				CAPIT	AL	
A						
Account #	Description	2020 Budget	2019 Approved	2018 Budget	2018 Actual	
Machinery a		<u>^</u>	•			
6690	Office Equipment	0	0	0.00	0.00	
6700	Computer Equipment	0	0	0.00	1299.94	
6701	Barge	0	0	0.00	0.00	
6702	Push Boat / Motors	0	0	0.00	0.00	
6703	Excavator & Buckets	0	0	0.00	0.00	
6704	Off Road Truck	200,000	0	0.00	0.00	
6705	Utility Truck	0	0	0.00	0.00	
6706	Bulldozer	0	0	0.00	0.00	
6710	Boat Dock (2)	0	0	0.00	0.00	
6720	Utility Vehicle	0	0	0.00	0.00	
6730	Patrol Boat	0	0	0.00	0.00	
6740	Work Boat (Pontoon)	0	0	0.00	0.00	
6750	Sediment Mitigation	950,000	950,000	0.00	0.00	
	TOTAL	1150000.00	950000.00	0.00	1299.94	
Other Capita	al Outlays					
6730	Patrol Boat/Trailer	0	0	0.00	0.00	
6770	LLCD Pick-up Truck	0	0	0.00	0.00	
6780	Gatehouse	30000				
	TOTAL	30000.00	0.00	0.00	0.00	
GRAND TO	TAL CAPITAL EXPENDITURES	1180000.00	950000.00	0.00	1299.94	
TOTAL	EXPENDITURES BUDGET	1,807,750.00	1,563,185.00	546,060.00	442,597.53	
Excess Exp	enditures over Revenue					
				SUMMARY-20	пэ Биадет	
	Boyropues	1 791 750 00	1 562 750 00		E06 646 65	
	Exponence	1,781,750.00	1,003,700.00		000,010.00 442 507 52	
		1,007,700.00	1,303,183.00		442,397.33	
Net		-26,000.00	565.00	-48,410.00	64,019.12	

Lake Lemon Conservancy District

Board Meeting Agenda Item

Presenter	Adam Casey, District Manager
Action Requested	Discussion
Item/Subject	Sedimentation Transport Study: Findings Discussion
Dollar Amount	N/A
Meeting Date	September 2 6th, 2 019
Summary	Review and Discuss Findings/implications from the CBBEL Sediment Transport Study Report
Staff Recommendation	Discussion of implications



То:	Adam Casey – Lake Manager, Lake Lemon Conservancy District
From:	Ian Hahus, Brian Meunier - CBBEL
Subject:	Study Findings and Recommendations
Date:	August 30, 2019
Project Name	Beanblossom Creek Sediment Transport Study
Droject No.	10.0026.00000
Floject No.:	19-0080.00000
Cc:	Jenny Leshney, Jeff Fox - CBBEL

At the request of the Lake Lemon Conservancy District (LLCD), CBBEL performed a sediment transport study of Beanblossom Creek to estimate and predict the yearly sediment inflow to Lake Lemon. The purpose of the study is to provide LLCD recommendations for mitigating sediment entering the lake. The study included collection of water level information in Lake Lemon and Beanblossom Creek, analysis of four sets of bathymetric data for the lake, development of a hydrologic model of the system, and development of a hydraulic model at the mouth of Beanblossom Creek and Lake Lemon.

Data Collection

CBBEL installed two pressure transducers to measure the water level in Lake Lemon and flow depth in Beanblossom Creek. The Beanblossom Creek gage began collecting data at a 15-minute interval on March 29, 2019; the gage remains in service as of the date of this memorandum. The Lake Lemon gage was installed on May 9, 2019 and is currently in service. A plot of the lake level and water level in Beanblossom Creek is shown in Figure 1. The locations of the gages are shown in Exhibit 1.



Bathymetric Data Analysis

Four sets of bathymetric data are available for Lake Lemon. The Indiana Department of Natural Resources (IDNR) produced a report concerning the sedimentation in Lake Lemon in 1974; the report contained a bathymetric contour map of the lake. LLCD has acquired more recent bathymetric data in 2004, 2014, and as a part of this sediment transport study in 2019. The data were processed in ArcGIS to allow for a comparison of the datasets to determine the amount of sediment accumulation between the collection dates. The following additions/adjustments were made to the datasets to improve the accuracy of the comparison:

- 1. The 1974 bathymetric contours were georeferenced using fixed points around the lake. The contours were then digitized.
- 2. A 'zero-depth line' was added to each dataset using the visible extent of the main lake body from the 2011 IndianaMap orthophotography. The delta area 'zero-depth lines' were fixed based on judgement of the datasets and from historical aerial photography nearest the collection date of the bathymetry.
- 3. The bathymetric contours and/or points for each dataset were then triangulated into a threedimensional surface. The surfaces were then converted to digital elevation models (DEMs) having a 5foot resolution for computational purposes.

The resulting bathymetric surfaces are provided in Exhibits 2-5. The reservoir volume was computed for each dataset, with the results from adjacent datasets being compared to determine the amount of sediment accumulation during the intervening period. The reservoir volume and sediment accumulation for four regions of the reservoir, and the reservoir as a whole, are summarized in Table 1 on the following page. The extent of the regions is shown in Exhibit 6.

The analysis shows that the reservoir has experienced an increasing amount of sedimentation as time has passed. The rate of accumulation has doubled over each period of 5 - 10 years. Available hydrologic data and results from the hydrologic model, as discussed in the following section, suggest that this is partially due to an increase in flow rates.

Another critical observation from the analysis is that the majority of the sediment appears to be accumulating within the main body of the reservoir, not the delta area as originally suspected. Previous estimates of annual sedimentation range from 15,000 to 40,000 cubic yards. If those estimates were based primarily on sedimentation observed in the delta region, then the bathymetry-based estimate of 33,000 cubic yards per year of delta sedimentation supports that conclusion. However, delta sedimentation accounts for only \sim 20% of the total sedimentation observed throughout the lake. This analysis considers only the volume of sediment that has accumulated below the normal pool of the lake, which excludes known sediment storage above the normal pool in the delta area.

A comparison of the 2014 and 2019 bathymetric data was completed to evaluate the distribution of the settled material within the reservoir. These datasets were used due to the similarity in data collection methods and the fact that the 2014 – 2019 time period showed the highest sediment accumulation rate. The accumulation appears to be distributed throughout the entire reservoir, as shown in Exhibit 7. The depth of accumulation shown should only be used for gaining a general understanding of the accumulation as the data were not collected at the exact same locations at the beginning and end of the period, which may result in an inaccurate comparison of specific, small-scale locations. The accumulation is reasonably well distributed in terms of the depth below normal pool, with only slightly more deposition between 0 - 5 feet and 10 - 18 feet below normal pool.

Year	Total Volume (ac-ft)	Total Sediment Accumulation since Previous Time Period (ac-ft/yr) [cy/yr]	Change in Total Volume (%/yr)	West Bay Volume (ac-ft)	Sediment Accumulation since Previous Time Period (ac-ft/yr) [cy/yr]	Central Bay Volume (ac-ft)	Sediment Accumulation since Previous Time Period (ac-ft/yr) [cy/yr]	East Bay Volume (ac-ft)	Sediment Accumulation since Previous Time Period (ac-ft/yr)	Delta Volume (ac-ft)	Sediment Accumulation since Previous Time Period (ac-ft/yr) [cy/yr]
1974	14264			4053	-	8053	-	1716	-	443	-
2004	13808	15.2 [24,552]	0.1%	3981	2.4 [3,850]	8015	1.2 [1,996]	1508	6.9 [11164]	303	4.7 [7,542]
2014	13383	42.5 [68,512]	0.3%	3821	16 [25,825]	7833	18.2 [29,422]	1437	7.1 [11428]	292	1.1 [1,837]
2019	12908	95.0 [153,287]	0.7%	3724	19.5 [31,416]	7684	29.9 [48,171]	1311	25.2 [40670]	189	20.5 [33,029]

Table 1: Summary of Bathymetric and Sediment Accumulation Data

Hydrologic Analysis

A hydrologic model of the contributing watershed was developed to determine the anticipated distribution of flows resulting from rainfall events. The watershed was divided into the five areas, totaling approximately 71 mi², as shown in Exhibit 8. Runoff characteristics for each of the drainage areas were determined using the following information:

Land Cover – 2011 National Land Cover Dataset & 2018 Indiana Orthophotography Refresh

Topography – 2011 IndianaMap DEM

Soils Information - Natural Resource Conservation Service Soil Survey Geographic Database (SSURGO)

These data, as well as rainfall data from Monroe County Airport, were used to estimate the parameters necessary to develop a rainfall-runoff model using the U.S. Army Corps of Engineers' (USACE) hydrologic modeling software known as HEC-HMS. The hydrologic model was calibrated based on stage data collected near the Lake Lemon spillway from 5/10/2019 to 7/16/2019 (Figure 1). Following calibration, a Nash-Sutcliffe Efficiency (NSE) of 0.343 was achieved. Additional results of the calibration are summarized in Table 2.

Quantity	Observed	Modeled	Error (%)
Total Flow Volume (ac-ft)	21,345	24,700	15.7
Peak Flow (cfs)	1501	1430	-4.7
Peak Head at Spillway (ft)	1.24	1.2	-3.2

Table 2: Summary of Hydrologic Model Calibration Results

The calibrated model was then used to simulate several design storms. Storms with return periods of 2, 10, 100, and 500 years were considered. The predicted Beanblossom Creek discharges were compared to IDNR coordinated discharge curves. A summary of these comparisons is provided in Table 3.

		-	
Return Period (yrs)	Coord. Curve Flow (cfs)	Modeled Flow (cfs)	Error (%)
2	_*	3144	-
10	4100	4666	13.8
100	7700	7207	-6.4
500	-	9268	-

Table 3: Summary of Design Storm Discharges for Beanblossom Creek

*2- and 500-year storms not reported in IDNR coordinated curve for Beanblossom Creek

In addition to evaluating design storms, the calibrated model was also used to perform a continuous rainfallrunoff simulation from 1/1/1974 - 7/13/2019. The results of the continuous, long-term simulation provided the data necessary to develop a flow duration curve for Beanblossom Creek. A flow duration curve relates flow values in a given stream to the probability that the specified flow rate is exceeded at any given time. Thus, the exceedance probability decreases with increasing flow rates because higher flow rates are exceeded less frequently. The predicted curve for Beanblossom Creek is shown in Figure 2. The steepness of the curve at very low exceedance probabilities is not unexpected for a stream that has a high-relief watershed, as Beanblossom Creek does. More detailed information regarding the hydrologic modeling process can be found in the Appendix.



Figure 2. Flow Duration Curve for Beanblossom Creek

Hydraulic Analysis

A separate modeling platform provided by the USACE, known as HEC-RAS, was used to develop a hydraulic model of Lake Lemon and the mouth of Beanblossom Creek. Approximately 0.2 mile of the downstream portion of Beanblossom Creek was modeled, in addition to the entire lake area. The purpose of this hydraulic model was to develop a rating curve for the outlet of Beanblossom Creek while accounting for the backwater effects of Lake Lemon. This flow rating curve was combined with estimates of sediment particle size to develop a sediment rating curve for the creek.

Based on the soils data from SSURGO, much of the sediment was likely to be very fine-grained with approximately 75% of the sediment load expected to be silt-sized particles or smaller (Table 4, next page). This result reduced the applicability of the HEC-RAS sediment analysis routine because the standard sediment capacity equations were derived primarily to characterize the transport of sand and small gravel. When the most accommodating sediment transport equations were used to develop a flow-sediment discharge relationship, or sediment rating curve, the estimate of total sediment discharge for 2014-2019 was approximately 2% of that which was predicted based on bathymetry. Based on the low applicability and poor performance of the HEC-RAS model, alternative methods of analyzing sediment transport were explored. More details regarding the development of the HEC-RAS model can be found in the Appendix.

Sediment Class	Particle Size (mm)	Fraction of Sediment (%)
Gravel	> 2	16.2
Sand	0.05 – 2	9.4
Silt	0.002 - 0.05	59.3
Clay	< 0.002	15.1

Table 4: Estimate of Beanblossom Creek Sediment Composition

Sediment Load Analysis

The unit discharge method was selected as an appropriate alternative to the HEC-RAS modeling approach. The unit discharge method involves normalizing the flow and sediment discharge of a stream to its flow width. For example, if a stream discharges 1000 cfs of water and 500 tons/day of sediment when the width of the water surface within the channel is 100 ft, the normalized water discharge would be 10 cfs/ft and the normalized sediment discharge would be 5 t/d/ft. To apply this method to Beanblossom Creek, it was necessary to develop normalized flow and sediment discharge relationships for a comparable stream that had available historical observed data. The Iroquois River in northwestern Indiana and northeastern Illinois was selected due to its similarly silty watershed and CBBEL's familiarity with the river.

Adapting the observed flow-sediment relationship of the Iroquois River to Beanblossom Creek, the total sediment load from 2014-2019 was calculated to be approximately 25% of the volume estimated based on bathymetry. This result was on the correct order of magnitude and, given that the average slope for Beanblossom Creek is nearly 10 times that of the Iroquois River, it was not unexpected that the prediction based on Iroquois data would be low. This "raw" result was then "scaled up" so that the total sediment load predicted based on the new rating curve would match the result based on bathymetry from 2014-2019. A trendline was drawn through these scaled values to generate Equation 1, relating sediment discharge (Q_s) to flow rate (Q_w). The overall sedimentation results are summarized in Figure 3 and Table 5 on the following page.

$$Q_s = 1.8415 Q_w^{1.0692}$$
 Equation 1

In Figure 3, it can be seen that the sediment discharge predictions made by the HEC-RAS model are well below the predictions based on the unit discharge methods at lower flow rates. This is likely a reflection of the equations in HEC-RAS being poorly suited to predict transport of light, silty particles, which constitute most of the predicted sediment composition. Both the HEC-RAS and original unit discharge graphs show a "dip" in the series at around 3,000 cfs. This represents the point at which the stream breaks out of the channel into the overbank area. This greatly increases the flow width, which decreases the normalized sediment discharge even if the absolute discharge continues to increase. This dip was also present in the scaled version of the unit discharge but was eliminated by the trendline through those points (Final Rating Curve).



Figure 3. Calculated Flow-Sediment Relationships for Beanblossom Creek

Sediment Class	Bathymetry (ac-ft/yr)	HEC-RAS (ac-ft/yr) [ratio relative to bathymetry]	Unit Discharge (ac-ft/yr) [ratio relative to bathymetry]	Final Rating Curve (ac-ft/yr) [ratio relative to bathymetry]
1974 - 2004	15.2	1.58 [0.10]	17.2 [1.13]	77.3 [5.08]
2004 - 2014	42.5	2.31 [0.05]	18.2 [0.43]	81.06 [1.91]
2014 - 2019	95.0	2.20 [0.02]	21.4 [0.23]	95.0 [1.00]

Table 5 Summary of Sedimentation Rate Calculations by Data Source

As discussed in the Bathymetric Data Analysis section, the rate of storage loss (sedimentation) has increased dramatically over each of the time periods considered. As such, the performance of each of the creek-based sedimentation estimation methods changes depending on the time period being analyzed. The HEC-RAS sediment model dramatically underpredicts sedimentation at each time interval, never predicting more than 10% of the observed accumulation rate. The original unit discharge curve was relatively close to the observed accumulation rate from 1974-2004, but underpredicted as sedimentation increased in subsequent years. As expected, the method that was scaled to the 2014-2019 data overpredicted during the earlier time periods. More details about how the sediment transport properties of Iroquois River were applied to Beanblossom Creek can be found in the Appendix.

Annualized Sediment Load

The results of the hydrologic analysis (flow duration curve) and sediment load analysis (sediment rating curve) can be combined to provide an estimate of the annualized sediment load for a stream using what is known as the flow duration sediment rating curve method. To develop the curve, the sediment discharges at given flow rates are multiplied by the probability that the given flow rates will occur. This provides an estimate of how

much sediment is carried through the stream by those flow rates. The results of this analysis are probabilistic and are not meant to be representative of any specific year, but rather to characterize what may be expected from a statistical perspective. Therefore, the results are not likely to exactly match estimates based on bathymetry. The process was repeated four times: once for the full period of record (1974-2019) and once for each of the shorter analysis periods (1974-2004, 2004-2014, and 2014-2019). The combined results are summarized in Figure 4. More complete results can be found in the Appendix.





Figure 4 demonstrates the upward trend in both the peak sediment delivery rate and the flow rate at which the peak delivery occurs, which can be considered the target flow rate. Because the target flow rate is expected to deliver the most cumulative sediment throughout a given year, sediment control measures designed using the target flow rate will be expected to be the most efficient. It should be noted that the exact peak of the graph is dependent on the probability ranges chosen in the underlying analysis but, given the variability in sediment mitigation measure performance in the field, the identified target flow rates are appropriate Table 6 summarizes the data depicted in Figure 4. In all cases, the sediment delivered by the target flow range constitutes approximately 20% of the annual load.

Time Period	Annualized Sediment Load (ac-ft/yr)	Target Flow Rate (cfs)	Target Sediment Delivery (ac-ft/yr)	Contribution to Annualized Load (%)
1974 - 2019	77.8	654	15.7	20.1
1974 - 2004	76.0	631	15.1	19.8
2004 - 2014	79.8	684	16.4	20.6
2014 - 2019	84.6	732	17.7	20.9

Table 6: Summary of Annualized Sediment Load Calculations

Potential Benefits of Future Data Collection

The results of this analysis may be bolstered by the collection of additional data. One option would be to collect additional bathymetry data in 2020. This would help determine if the relatively high sedimentation rates observed in the recent past are continuing. If the new bathymetry indicates much lower (or negative) sedimentation rates between 2019 and 2020 than from 2014 to 2019, there may be cause to view the bathymetry from either 2014 or 2019 more critically. See Figure 7 for a brief explanation. However, data collected in 2020 would only provide insight into the lake dynamics of a single year, and such a short interval might not be sufficient to determine a trend.



Figure 7. Possible Trends in Sediment Accumulation Based on Future Data

Another way to check the validity of the sedimentation estimates of this report would be to collect suspended sediment samples over a range of flows. These data would serve as an additional benchmark against which to judge the bathymetry and the sediment rating curve that was developed based on the bathymetry. The current estimate of the design flow rate, or the flow rate that contributes the most sediment on an annual basis, is on the order of 700-800 cfs. Collecting data below, near, and above this flow rate would allow for an examination of the annualized sediment load curve that has been developed.

A primary implication of the RUSLE analysis performed on the Beanblossom Creek watershed is that over 90% of the sediment accumulation in Lake Lemon is due to streambank erosion in Beanblossom and its tributaries rather than land surface erosion. Estimates of the streambank erosion necessary to produce the volumes of sediment considered in this report are on the order of 1-2 inches of bank erosion per year throughout all streams in the watershed. Previous reports have indicated a prevalence of unstable banks in the watershed, but the erosion rates are unknown. Stream surveys across the watershed might indicate if 1-2 inches per year is reasonable. Due to the steep nature of the watershed and the silty top soils, it is likely the many or most of the streams exhibit bank cutting over significant stretches most of the time. Because of this, a simple visual inspection would not be sufficient, and it would likely be necessary to conduct repeat measurements of stream widths to confirm to measure change over time. Due to the number of streams in the watershed, the

effort involved in conducting the surveys, and the predominance of private land in the area, this course of action is not recommended.

Review of Conceptual Designs

Several potential sediment mitigation projects have been proposed by Shrewsberry & Associates (Shrewsberry), including dredging and disposing of sediment and opening/maintaining flow ways in the delta region of eastern Lake Lemon. Without design specifications for the proposed items, it is difficult to precisely evaluate the anticipated effectiveness or lifespans of the projects. However, general observations and recommendations can be made. Permeability, open water impacts and wetland impacts due to dredging and disposal of sediment are not considered. All comments are based on sediment volumes and do not explicitly account for flow directions or other hydraulic factors that influence design effectiveness.

Based on the extremely high volume of sediment that enters Lake Lemon (95 ac-ft/yr) and the very fine particles that make up the sediment (75% silt and clay), it is not feasible to capture and dispose of all or even most of the sediment if mitigation measures are restricted to the delta region. Because approximately 25% of the sediment is gravel or sand, it is assumed that only 25% (23.8 ac-ft/yr) of sediment settles or is captured in the proposed design space reflected in the Shrewsberry Report. This quantity is nearly identical to the amount of sedimentation predicted to occur in the design space based on changes in bathymetry. Hypothetically, if the remaining 75% (71.3 ac-ft/yr) of sediment was evenly distributed across the rest of the lake bottom (~2 mi²), the loss of depth would be on the order of 0.7 in/yr. However, sedimentation will not be uniform in deposition, and some sediment will be discharged through the spillway if the weir is overtopped.

The proposed opening of old channels (items 6 - 11, 15 Shrewsberry Report) is likely to achieve the goal of spreading the influent sediment more evenly across the delta region. It is also possible that the increased velocities may carry the sediment farther out into the delta and into deeper regions where the sedimentation is less noticeable. Routine dredging will likely be required to maintain these channels.

If the sediment flow is evenly distributed following the dredging of the old channels, the created wetlands (items 12 and 13, Shrewsberry Report) and dredging areas 1-5 (Shrewsberry Report) will potentially receive a great deal of sediment. At approximately 30 acres and spanning the entire delta, the created wetlands may incur significant sedimentation. If half of the sand and gravel drop out in the wetland, it will accrete approximately 4-5 inches of sediment per year, not accounting for resuspension during high flow events.

Conclusion and Recommendations

If the sedimentation volumes based on bathymetry are correct, it is not likely to be feasible to capture and remove a high percentage of the sediment coming in from Beanblossom Creek. Furthermore, given the fine nature of the sediment, it is not feasible to remove a high percentage of the incoming sediment if designs are restricted to the approximate footprint proposed by Shrewsberry.

Although there may be benefits to collecting additional data, none of the options previously described are expected to dramatically change the results of the analyses detailed in this sediment transport study report or the conclusions based upon them.

It is recommended that any sediment mitigation strategies focus on sand and gravel. A schedule of sediment capture and removal should be designed to mitigate approximately 30,000 to 40,000 cubic yards of sediment per year. Target flow rates of 700 to 800 cfs should provide optimum performance for sediment capture

systems. Dredging should be focused in areas needed for lake access, in-lake areas that become too shallow for standard recreational or maintenance activities, and existing/old flow paths through the delta. The accumulation of silt within the body of the lake appears to be unavoidable and should only be addressed on an as-needed basis.



EXHIBITS









Christopher B. Burke Engineering, LLCPROJECT:PNC Center, Suite 1368 South115 West Washington StreetIndianapolis, Indiana 46204TITLE:BURKE(t) 317.266.8000

	Legen	d
Greenbrah	1974 Ba Depth (5 5 5 5 5 5 5 5 5 5	athymetry ft) 0 - 5.0 5.0 - 10.0 10.0 - 15.0 15.0 - 20.0 20.0 - 25.0
Beanblossom Creek Sediment Transport Study 1974 Bathymetry Data	project no. 19-0086	Approx. scale 1"=1,500' date: 08/2019 exhibit 2





Christopher B. Burke Engineering, LLCPROJECT:PNC Center, Suite 1368 South115 West Washington StreetIndianapolis, Indiana 46204TITLE:BURKE(t) 317.266.8000

Greenbarr	Legen 2004 Ba Depth (3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	d athymetry ft) 0 - 5.0 5.0 - 10.0 10.0 - 15.0 15.0 - 20.0 20.0 - 29.0
Beanblossom Creek Sediment Transport Study 2004 Bathymetry Data	project no. 19-0086	APPROX. SCALE 1"=1,500' DATE: 08/2019 EXHIBIT 3





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

Genbrar	Legend 2014 Ba Depth (3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	d athymetry ft) 0 - 5.0 5.0 - 10.0 10.0 - 15.0 15.0 - 20.0 20.0 - 26.0
Beanblossom Creek Sediment Transport Study 2014 Bathymetry Data	project no. 19-0086	APPROX. SCALE 1"=1,500' DATE: 08/2019 EXHIBIT 4





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

Greenbrah	Legen 2019 Ba Depth (3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	d athymetry ft) 0 - 5.0 5.0 - 10.0 10.0 - 15.0 15.0 - 20.0 20.0 - 26.8
Beanblossom Creek Sediment Transport Study 2019 Bathymetry Data	project no. 19-0086	APPROX. SCALE 1"=1,500' DATE: 08/2019 EXHIBIT 5



Lake Lemon Conservancy District

Board Meeting Agenda Item

Presenter	Adam Casey, District Manager
Action Requested	Discussion/ A pproval to move forward with land Appraisal
Item/Subject	Properties of Interest
Dollar Amount	\$ 1,200.00 - \$4,500.00
Meeting Date	Se ptember 2 6 th , 2019
Summary	Discussion of about purchasing potential property
Staff Recommendation	Discussion and Authori zation to hire land Appraiser

IC 36-1-10.5 Chapter 10.5. Purchase of Land or Structures

36-1-10.5-1	Application of chapter
36-1-10.5-2	"Parking facility" defined
36-1-10.5-3	"Purchasing agent" defined
36-1-10.5-4	"Structure" defined
	D 1 01 1 1

- 36-1-10.5-5 Purchase of land or structure; required procedures
- 36-1-10.5-6 Limitation on purchase price

IC 36-1-10.5-1 Application of chapter

Sec. 1. (a) Except as provided in subsection (b), this chapter applies to:

(1) political subdivisions; and

(2) their agencies.

(b) This chapter does not apply to the purchase of:

(1) real property having a total price (including land and structures, if any) of twenty-five thousand dollars (\$25,000) or less;

(2) airport land or structures under IC 8-22;

(3) library land or structures under IC 36-12;

(4) school land or structures under IC 20-47;

(5) hospital land or structures by a hospital or health and hospital corporation established and operated under IC 16-22 or IC 16-23;

(6) land or structures acquired for a road or street right-of-way for a federal-aid project funded in any part under 23 U.S.C. 101 et seq.;

(7) land or structures by redevelopment commissions under IC 36-7-14 or IC 36-7-15.1, or redevelopment authorities under IC 36-7-14.5;

(8) land by a municipally owned water utility, if:

(A) the municipally owned water utility has performed or contracted with another party to perform sampling and drilling tests of the land; and

(B) the sampling and drilling tests indicate the land has water resources; or

(9) land or structures acquired for railroad right-of-way or other railroad purposes for a federal aid project funded in any part under 49 U.S.C. 103 et seq.

As added by P.L.336-1987, SEC.1. Amended by P.L.188-1988, SEC.4; P.L.114-1989, SEC.2; P.L.2-1993, SEC.197; P.L.221-1997, SEC.1; P.L.1-2005, SEC.233; P.L.2-2006, SEC.187; P.L.194-2007, SEC.11; P.L.146-2017, SEC.13.

IC 36-1-10.5-2 "Parking facility" defined

Sec. 2. As used in this chapter, "parking facility" refers to a parking facility as defined in IC 36-9-1.

As added by P.L.336-1987, SEC.1.

IC 36-1-10.5-3 "Purchasing agent" defined

Sec. 3. As used in this chapter, "purchasing agent" means the board or officer of a political subdivision or agency with the power to purchase land or structures. *As added by P.L.336-1987, SEC.1.*

IC 36-1-10.5-4 "Structure" defined

Sec. 4. As used in this chapter, "structure" means:

(1) a building used in connection with the operation of a political subdivision; or (2) a parking facility.

The term includes the site, equipment, and appurtenances to the building or parking facility. *As added by P.L.336-1987, SEC.1.*

IC 36-1-10.5-5 Purchase of land or structure; required procedures

Indiana Code 2019

Sec. 5. A purchasing agent shall purchase land or a structure only after compliance with the following procedures:

(1) The fiscal body of the political subdivision shall pass a resolution to the effect that it is interested in making a purchase of specified land or a structure.

(2) The purchasing agent shall appoint two (2) appraisers to appraise the fair market value of the land or structure. The appraisers must be professionally engaged in making appraisals or be trained as an appraiser and licensed as a broker under IC 25-34.1.

(3) The appraisers shall return their separate appraisals to the purchasing agent within thirty (30) days after the date of their appointment. The purchasing agent shall keep the appraisals on file in the purchasing agent's office for five (5) years after they are given to the purchasing agent.

(4) The purchasing agent shall give a copy of both appraisals to the fiscal body. *As added by P.L.336-1987, SEC.1.*

IC 36-1-10.5-6 Limitation on purchase price

Sec. 6. A purchasing agent may not purchase any land or structure for a price greater than the average of the two (2) appraisals received under section 5 of this chapter. *As added by P.L.336-1987, SEC.1.*

Adam W. Casey

From:Gilbert Mordoh <gil@gilbertmordoh.com>Sent:Wednesday, September 18, 2019 2:43 PMTo:Adam W. CaseySubject:RE: lake lemon land appraisal

Hi Adam.

As we discussed on the phone, we can complete a restricted/vacant land appraisal for this property for \$1000, or a land form report for \$650, both delivered 3 weeks from the date of request.

Let me know how you would like to proceed, and thank you for contacting me.

Gil Mordoh 812-332-0005

From: Adam W. Casey <Manager@lakelemon.org> Sent: Tuesday, September 17, 2019 1:43 PM To: Gilbert Mordoh <gil@gilbertmordoh.com> Subject: lake lemon land appraisal

Gill,

Would you be able to write me a brief letter on your letter head stating the rates that we discussed over the phone. I need a document to show at a board meeting and I do not believe an email would suffice. Something in a PDF format would be preferred. The rates discussed were \$650 for a form appraisal and \$1,000 for a narrative appraisal. in the document please state time frames for initiating appraisal and receipt of final document.

Thank you,

Adam Casey LLCD District Manager

Office: 812-334-0233 Fax: 812-335-0038

Lake Lemon Conservancy District 7599 North Tunnel Rd. Unionville, Indiana 47468

Adam Casey LLCD District Manager

Office: 812-334-0233 Fax: 812-335-0038

Adam W. Casey

From: Sent: To: Subject: jeff@goldinappraisal.com Tuesday, September 17, 2019 1:53 PM manager@lakelemon.org Appraisal

Mr. Casey,

This following is my bid for the property we discussed on South Shore Drive in western Brown County.

The Fee for the valuation is \$600 Turn time is approximately 2-3 weeks

Thank you!

Jeff

Jeffrey A. Goldin Indiana Certified Residential Appraiser Past President, Bloomington Board of Realtors 2018 Realtor of the Year Chairman Bloomington Historic Preservation Commission

101 W Kirkwood Ave #246 Bloomington, IN 47404 812-219-9278 Fax 1-888-747-4575 jeff@goldinappraisal.com jgoldin@homefinder.org www.goldinappraisal.com

CONFIDENTIALITY NOTICE:

This e-mail and any attached files contain information that is privileged/confidential and subject to legal restrictions and penalties regarding its unauthorized disclosure or other use. You are prohibited from copying, distributing or otherwise using this information if you are not the intended recipient. If you have received this e-mail in error, please notify us immediately by return e-mail and delete this e-mail and all attachments from your system. Thank you!

Real Estate Appraisal Proposal

Date of Agreement: September 13, 2019

Parties to Agreement

Client:

Lake Lemon Conservancy District Attn: Mr. Adam Casey 7599 North Tunnel Road Unionville, Indiana 47468 (812) 334-0233 manager@lakelemon.org

Appraisal Firm:

First Appraisal Group, Inc. 1569 South Piazza Drive Bloomington, IN 47401 (812) 337-0772 info@firstappraisalgroup.com

Property Identification

Brown County vacant tract, to be provided by client

Property Type

Vacant Land

Interests Valued

Fee Simple

Intended Users

Lake Lemon Conservancy District Attn: Mr. Adam Casey

Appraiser shall consider the intended users when determining the level of detail to be provided in the Appraisal Report. The intended use as stated shall be used by Appraiser in determining the appropriate Scope of Work for the assignment

Intended Use

To establish the market value of the property; potential purchase

Type of Value

Market Value as defined within the report.

Date of Value

Date of property viewing

Hypothetical Conditions, Extraordinary Assumptions None anticipated

Applicable Requirements

The Code of Professional Ethics of the Appraisal Institute; Uniform Standards of Professional Appraisal Practice of the Appraisal Foundation

Anticipated Scope of Work

Site Visit

On-site visit Valuation Approaches To be determined by appraiser.

Appraisal Report

Narrative Report

Contact for Property Access, If Applicable

To be provided by client, if applicable

Delivery Dates

Approximately 30 days from engagement

Delivery Method

Electronic (PDF) only

Number of Copies

Electronic format (PDF) unless hard copies are requested by Client which may be charged at the reproduction cost.

Payment to Appraiser

Due upon completion of report to be paid in full by the client or representative. Invoice to be included with report via PDF to client at the time of delivery of the report.

Proposed Improvements

None

Documents to Be Furnished to Appraiser (if any or if available)

Available survey of acreage to be purchased, parcel numbers or any other available documents

Please note that these documents are requested only if they are available, and it is not necessary to create new documents.

Confidentiality

Appraiser shall not provide a copy of the written Appraisal Report to, or disclose the results of the appraisal prepared in accordance with this Agreement with, any party other than Client, unless Client authorizes, except as stipulated in the Confidentiality section of the Ethics Rule of the Uniform Standards of Professional Appraisal Practice (USPAP).

Changes to Agreement

Any changes to the assignment as outlined in this Agreement shall necessitate a new Agreement. The identity of the client, intended users, or intended use; the date of value; type of value or property appraised cannot be changed without a new Agreement.

Cancellation

Client may cancel this Agreement at any time prior to the Appraiser's delivery of the Appraisal Report upon written notification to the Appraiser. Client shall pay Appraiser for work completed on assignment prior to Appraiser's receipt of written cancellation notice, unless otherwise agreed upon by Appraiser and Client in writing.

No Third Party Beneficiaries

Nothing in this Agreement shall create a contractual relationship between the Appraiser or the Client and any third party, or any cause of action in favor of any third party. This Agreement shall not be construed to render any person or entity a third party beneficiary of this Agreement, including, but not limited to, any third parties identified herein.

Use of Employees or Independent Contractors

Appraiser may use employees or independent contractors at Appraiser's discretion to complete the assignment, unless otherwise agreed by the parties. Notwithstanding, Appraiser shall sign the written Appraisal Report and take full responsibility for the services provided as a result of this Agreement

Appraiser Independence

Appraiser cannot agree to provide a value opinion that is contingent on a predetermined amount. Appraiser cannot insure that the opinion of value developed as a result of this Assignment will serve to facilitate any specific objective by Client or others or advance any particular cause. Appraiser's opinion of value will be developed competently and with independence, impartiality and objectivity
Testimony at Court or Other Proceedings

Except as requested by Client, Client agrees that Appraiser's assignment pursuant to this Agreement shall not include the Appraiser's participation or preparation for, whether voluntarily or pursuant to subpoena, and oral or written discovery, sworn testimony in a judicial, arbitration or administrative proceeding, or attendance at any judicial, arbitration, or administrative proceeding relating to this assignment. Compensation for such services shall be treated as *Other Services to Be Provided by Appraiser*.

Fee \$2,500

Note: It should be clearly understood that engagement and payment for any services rendered under this agreement are not dependent or contingent upon any finding, determination, award, approval, or commitment in which professional assistance was provided

Other Services to Be Provided By the Appraiser

Additional work based on hourly rate of **\$400.00** per hour.

Note: It should be clearly understood that engagement and payment for any services rendered under this agreement are not dependent or contingent upon any finding, determination, award, approval, or commitment in which professional assistance was provided

Expiration of Agreement

This Agreement is valid only if signed by both Appraiser and Client within <u>60</u> days of the Date of Agreement specified.

Governing Law and Jurisdiction

The interpretation and enforcement of this Agreement shall be governed by the laws of the State of Indiana.

If the terms of this agreement meet with your approval, please sign below and return one copy to our office by mail or electronically (PDF) as a notice to proceed.

First Appraisal Group, Incorporated

Client

Immoh

By: <u>Wayne Johnson, MAI, RM, RICS</u> Vice-President, First Appraisal Group, Inc. By:__

Lake Lemon Conservancy District Attn: Mr. Adam Casey

Date: September 13, 2019

First Appraisal Group, Incorporated

Date_____

General Assumptions and Limiting Conditions

The appraisal and subsequent report will be subject to the following assumptions and to such other specific and limiting conditions as set forth by the appraiser in the report.

- 1. No responsibility is assumed for the legal description or for matters including legal or title considerations. Title to the property is assumed to be good and marketable unless otherwise stated.
- 2. The property is appraised free and clear of any or all liens or encumbrances unless stated.
- 3. Responsible ownership and competent property management are assumed.
- 4. The information furnished by others is believed to be reliable.
- 5. All engineering studies are assumed to be correct. The plot plans and illustrative material in this report are only to assist the reader in visualizing the property. Any sketch may show approximate dimensions and is included to assist the reader in visualizing the property only. Maps, surveys and sketches are for reference only. No expressed or implied guarantee is made for their accuracy.
- 6. It is assumed that there are no hidden or unapparent conditions of the property, subsoil, or structures that render it more or less valuable. No responsibility is assumed for such conditions or for arranging for engineering studies that may be required to discover them.
- 7. It is assumed that the property and its use are in full compliance with all applicable federal, state, and local environment regulations and the laws unless noncompliance is stated, defined, and considered in the appraisal report.
- 8. It is assumed that the property conforms to all applicable zoning and use regulations and restrictions unless a non-conformity has been identified, described, and considered. No warranty is implied for the accuracy of zoning discussed and identified in the report. Independent verification should be made.
- 9. It is assumed that all required licenses, certificates of occupancy, consents, or other legislative or administrative authority from any local, state, or national government or private entity or organization have been or can be obtained or renewed for any use for which the value estimate contained in this report is based.
- 10. It is assumed that the use of the land and improvements is confined within the boundaries or property lines of the property described and that no encroachment or trespass exists unless noted in the report.
- 11. Unless otherwise stated in this report, the existence of hazardous materials, which may or may not be present on the property, was not observed by the appraiser. The appraiser has no knowledge of the existence of such materials on or in the property. The appraiser, however, is not qualified to detect such substances. The presence of such substances such as asbestos, urea/formaldehyde, foam insulation and other potential hazardous materials may affect the value of the property. The value estimated is predicated on the assumption that there is no such material on or in the property that would cause a loss in value. No responsibility is assumed for such conditions or for any expertise and engineering knowledge

required to discover them. The intended user is urged to retain an expert in this field, if desired.

12. The forecasts, projections, or operating estimates contained herein are based on current market conditions, anticipated short-term supply and demand factors and a continued stable economy. These forecasts are, therefore, subject to changes with future conditions. The estimates and opinions within the report are not predictions or assurances.

This appraisal report has been made with the following general limiting conditions.

- 1. Any allocation of the total valuation in this report between land and improvements applies only under the stated program of utilization. The separate allocations for land and buildings must not be used in conjunction with any other appraisal and are invalid if so used.
- 2. Possession of this report, or copy thereof, does not carry with it the right of publication. It may not be used for any purpose by any person other than the party to whom it is addressed (client) without written consent of the appraiser, and in any event, only with proper written qualifications and only in its entirety, with the exception of duly authorized members of the Appraisal Institute. The report is prepared for a specific client; the sole party for whom the appraiser was engaged. The client is not necessarily the person who directly or indirectly pays for the report or owns the property.
- 3. Neither all nor any part of the contents of this report or any copy thereof in all or in part (especially any conclusions to value, the identity of the appraiser, or the firm with which the appraiser is connected, or the MAI Designation) shall be disseminated to the public through advertising, public relations, news, sales, or other media without the prior written consent and approval of the appraiser
- 4. The appraiser herein, by reason of this appraisal, is not required to give further consultation, testimony, or be in attendance in court with reference to the property in question unless arrangements have been previously made.
- 5. No liability is assumed for the soundness of the improvements, their livability, or structure integrity, the condition or adequacy of the component parts or systems. Comments made as a result of physical inspection are conditions assumed to be those prevalent in the market. Inspection of the subject property is limited to observable characteristics only and only for use in the appraisal process; this appraisal "inspection" in no way constitutes a certified home inspection determining the condition of the improvement or any part thereof. The appraiser did not view portions of the structure, especially ones that are covered by finish materials. Correct operations of mechanical systems are assumed.
- 6. Any opinions of value provided in the report apply to the entire property, and any proration or division of the total into fractional interests will invalidate the opinion of value, unless such proration or division has been set forth in the report.
- 7. The Americans with Disabilities Act (ADA) became effective January 26, 1992. The appraiser has not made specific compliance survey or analysis of the property to determine whether or not it is in conformity with the various detailed requirements of the ADA. It is possible that a compliance survey of the property and a detailed analysis of the requirements of the ADA would reveal that the property is not in compliance with one or more of the requirements of the act. If so, this fact could have a negative impact on the value of the property. Since the appraiser has no direct evidence relating to this issue, possible noncompliance with the requirements of ADA was not considered in estimating the value of the property.

- 8. The appraiser has used electronic hardware and software to generate the narrative portions of the report and worksheet analysis. In the course of calculations and rounding methods, some calculations may not appear to be correct; they are, however, very precise.
- 9. Until 2000, Indiana was not a disclosure state. The best verification available is used for property transfers. The information presented is assumed to be accurate, but is not guaranteed.
- 10. Unless otherwise stated in this report, the existence of hazardous substances, including but not limited to asbestos, polychlorinated biphenyls, petroleum leakage, or agricultural chemicals, which may or may not be present on the property, or other environmental conditions, were not called to the attention of, nor did the appraiser become aware of such during the appraiser's inspection. The appraiser has no knowledge of the existence of such materials on or in the property, unless otherwise stated. The appraiser is not qualified to detect such substances or conditions. The presence of substances such as asbestos, ureaformaldehyde foam insulation, or other potentially hazardous materials or environmental conditions may affect the value of the property. The value estimate is predicted on the assumption that there is no such material or condition on or in the property or in such proximity thereto that would cause a loss in value. No responsibility is assumed for any such conditions or for any expertise or engineering knowledge required to discover them. The client is urged to retain an expert in this field if desired.
- 11. The Americans with Disabilities Act (ADA) became effective January 26, 1992. The appraiser has not made a specific compliance survey and analysis of this property to determine whether or not it is in conformity with the various detailed requirements of the ADA. It is possible that a compliance survey of the property together with a detailed analysis of the requirements of the ADA could reveal that the property is not in compliance with one or more of the requirements of the act. If so, this fact could have a negative effect upon the value of the property. Since the appraiser has no direct evidence relating to this issue, possible noncompliance with the requirements of ADA was not considered in estimating the value of the property.
- 12. The appraiser has used electronic hardware and software to generate the narrative portions of the report and worksheet analysis. In the course of calculations and rounding methods, some calculations may not appear to be correct; they are, however, very precise.
- 13. The best verification available is used for property transfers. The information presented is assumed to be accurate, but is not guaranteed.

Use of this report and the opinions contained herein constitutes full acceptance of the General Assumptions and Limiting Conditions as well as any assignment conditions included in the body of this report.

Lake Lemon Conservancy District

Board Meeting Agenda Item

Presenter	Pam Dugan,Chairman
Action Requested	Discussion
Item/Subject	2020 Board Meeting Date Discussion
Dollar Amount	N/A
Meeting Date	Se ptember 2 6 th , 2019
Summary	Discuss and Recommend 2020 Board Meeting Dates.
Staff Recommendation	Discuss and Recommend 2020 Board Meeting Dates.

Discussion for 2020 LLCD Board of Directors Meeting Dates

Meetings to be held the fourth Thursday of every month at the City of Bloomington Utilities Building at 6:00 p.m., except for June, July and August which will be held the Saturday following the third Wednesday of those respective months at the Riddle Point Shelter House at 10:00 a.m.

- January Thursday January 23rd, 2020
- **February** Thursday February 27th, 2020
- March Thursday March 26th, 2020
- April Thursday April 23rd, 2020
- May Thursday May 28th, 2020
- June Saturday June 20th, 2020
- July Saturday July 18th, 2020
- August Saturday August 22nd, 2020
- September Thursday September 24th, 2020
- **October** Thursday October 22nd, 2020
- **December** Thursday December 10th, 2020

Lake Lemon Conservancy District

Board Meeting Agenda Item

Presenter	Mary Jane Brown, Vice- Chairman
Action Requested	Review
Item/Subject	SPC Minutes 9-6-19
Dollar Amount	N/A
Meeting Date	September 26 th , 2019
Summary	Minutes from SPC Meeting9-6-19
Staff Recommendation	N/A

Strategic Planning Committee Meeting Friday September 6, 2019 at 3:30pm LLCD Office

- 1. East Idalawn Maintenance Line
 - a. Adam has been in contact with DNR to have the maintenance line reassessed.
 - b. Looking to have approval for the change by Fall 2019.
 - c. The committee received a handwritten letter from a freeholder who is concerned about the maintenance line. The letter will be made available to all board members.
- 2. Sediment Transport Study
 - a. Adam presented a plan for Strategic Hydraulic Dredging.
 - i. Main boating lanes and areas would be prioritized.
 - ii. Cost would be about \$1 million for 50 acre/ft.
 - b. Plans to use the overflow pond on the long causeway for disposal.
 - i. Include the property owners living on the edge of the pond in discussions
 - c. Also, discussed the possibility of acquiring property across from Little Africa for disposal.
 - i. Cost would be around \$182,000 for 33 acres
 - ii. Adam, Frank and a Board Member plan to meet with Terry(seller).
- 3. Lemon-Aid Days September 14th, 2019
 - a. Cathy presented they have 25 house tourists so far.
 - b. Also, presented donations of 86 silent auction items.
 - c. Two breweries and one winery will be present for tastings.
 - d. Roger Edwards will have the dock in at the beach by Thursday September 12th.
 - e. Adam and Alex agreed to have the buoys out by mid-week.
- 4. The next meeting will be Friday October 11th, 2019 at 3:30 pm in the LLCD office.