

**LAKE LIMERICK COUNTRY CLUB
WATER COMMITTEE MEETING**

**Minutes of September 13th, 2021
Meeting Location: Online by Zoom**

Call to Order: The Meeting was held via Zoom due to Covid19 concerns/restrictions. The meeting was called to order at 7:05 pm by Chairman Don Bird.

MEMBERS ATTENDING: Chairman Don Bird, Secretary Pat Paradise, Treasurer Esther Springer-Johannesen, members Phyllis Antonsen and Kelly Evans. Brandon Koch was excused for work commitments.

Board of Directors Attending: Brian Smith, Steve Saylor, Dean Dyson, and Tamra Ingwaldson

Employees Attending: Water Manager Doug Carothers

Contractors Attending: none

Guests Attending: none

Approval of Minutes:

A motion was made by Esther Springer-Johannesen, seconded by Kelly Evans, and passed with no nays to approve the minutes of August 14th 2021 as written.

Additions to Agenda: under new business –

- 1) water department fuel
- 2) security cameras & wifi

Comments from any Guests: none

Financial Report:

1) **Water System Financial Report:** A draft financial report was provided by treasurer Esther Springer-Johannesen including budget to actual expenditures, investments, cash on hand, and water revenue. Overall the budget is tracking income and expenditures The report was very detailed and is attached for details). The current year to date budget is over by \$21,000 this month due to increased repair & maintenance expenses. The additional expense (\$30,030.00) for two new fire tanker fill hydrants that provide increased fire protection were included in the budget overage.

2) **Accounts Payable/Receivable:** Treasurer Esther Springer-Johannesen
Accounts payable/receivable is tracking and there is no documented decline in revenue due to impacts of the Corona Virus. Revenue is up from last year due to this rate restructuring. Our current receivables over 90 days is at \$16,000.00 – these past due accounts are in various stages of collection and legal process. Correspondence is being provided to past due members.

3) **Cd and Money Market Review:** A Cd and Money Market report was provided by Esther and attached for record. Current available Cd interest rates are low – but we have been able to get a rate of return as high as 3%. Accounts coming due and will be re-invested at best rates available. Esther meets monthly with Edward Jones firm to review investments and discuss interest rates.

- 4) **Reserve Study Status:** Esther Springer-Johannesen and Water Manager will work together to format water reserve study report to appear similar to the HOA format. Scheduled for October/November.

Motion to Approve Financial Report:

A motion was made by Kelly Evans, seconded by Phyllis Antonsen, and passed with no nays to accept the financial report as presented.

Budget Preparations 2021-2022:

A water system budget was reviewed. This was a comprehensive list of capital improvement items deemed desirable to have if money is available. The list was reviewed, rated, and shortened based on revenue projections and necessity to the membership. (see attached). 7 capital items were budgeted and the remaining items are being held as “pending possible capital projects” for into the future.

Water System Revenue spreadsheets were reviewed, rated, and shortened based on required revenues to adequately operate the water system. (see attached)

A motion was made by Kelly Evans, seconded by Pat Paradise, and passed with no nays and one abstention to approve the water system operating and capital budget as a recommendation for approval to the LLCC Board (see attached budget worksheets) Voting was Don Bird – yes, Pat Paradise – yes, Esther Springer-Johannesen – yes, Kelly Evans – yes, Phyllis Antonsen – abstain, and Brandon Koch – absent (non vote). Motion passed with 4 yes, 1 abstention, 1 absent, and 0 no votes

Water Distribution Mangers Report:

- 1) **Manager’s report and consumption spreadsheet - Doug:** The report was very complete and is attached for record. Water System is in good shape overall – (report attached)
Consumption spreadsheet (attached): The calculated water loss for the month is 1.5% and a year to date loss of 4.7% with a goal of less than 10% loss for the year. All known water system leaks have been repaired.

- A) Water test results and response: On September 7th during our scheduled water sampling – there was 1 lab result confirming Coliform (not ecoli) in the vicinity of well 1. Eight additional samples were taken and 3 of the 8 samples came back positive for Coliform. Water system manger will flush and disinfect the system in the affected area and the department of health will monitor. During the disinfectant process, there could be very minor incidents of odor/taste reports from members. A notification will be sent to the membership prior to treatment.
- B) RH2 engineering project report and status: The final report was received in August, water manager has been in contact with the engineering firm. It has been requested to have the engineering firm present their findings directly to the water committee and board members for questions/concerns. There was discussion about determining interim water system fire suppression solutions as well as long term planning and replacement of our water system. Board members in attendance urged the water committee to stay on task with determining both interim and long term solutions. Protocol for contacting the engineering firm with questions/concerns was also discussed – all correspondence should

be directed through the water manager to establish/maintain a paper trail of documentation.

- C) **Flow meter capital project proposal – Doug and Don:** A request was presented to install water flow meters at all well sites to measure water flow into the system in real time. There are currently no means to perform this function and a major effort of the water department is to establish accurate baseline information of our flows and flow capacities. The meters can be installed for a cost of 37K, the cost does not include automation of the installed meters. The meters will be installed by our water manager. Well site meters will be read and documented by hand. Well 6, our newest well system, already has this capability and is excluded from this scope of work.

A motion was made by Esther Springer-Johannesen, seconded by Kelly Evans, and passed with no nays to approve a not to exceed sum of \$37,000.00 for the purchase and installation of well site system flow meters at all well sites (excluding well 6)

Correspondence: A member inquired about the timelines for reading member water meters. Meters are read every 30 days with the following exceptions – weekends and holidays. Meters will be read following a weekend or holiday – and could possibly include an additional day or two of member water consumption within the monthly usage reading.

Old Business:

1) **Water Office relocation proposal:** A budget of not to exceed \$42,000.00 was presented to build out new office space within the existing maintenance building. Water, Greens, and Maintenance department heads met with LLCC Cam exploring possible solutions to provide more office space possibilities within our current building footprint. A location inside the building and currently used to store equipment was selected. The equipment will be relocated to the pole barn building. This will provide a footprint for a water manager office within the current building and adjacent to the current water manager office. Complete scope of work and how much work can be done “in-house” vs contractor are being discussed.

- 2) **UMS Software Upgrade:** Our current billing software is no longer supported, upgraded software will cost 17K and will be utilized upon pending budget approval.

New Business:

- 1) **Fuel Costs:** There was a discussion about the best way to control rising fuel costs. Currently fuel costs are split three ways between water system, maintenance department, and golf course greens. There currently are no means to determine accurate fuel distribution between departments. It was decided within the water committee and with concurrence of the LLCC Cam, that water department will begin purchasing its own fuel locally via credit card and local gas station(s). This plan will begin within the next budget cycle and or on October 1st 2021.

- 2) **Wifi and Security Cameras:** Scope and pricing for the installation of wifi and security cameras is underway. The water committee is working on a plan for moving forward with the installation and integration of wifi and security cameras. Wifi can also provide the required speed of data transmission to support water system data transfer over wifi.

Commitments Review: None

Closed Session: A motion to adjourn into closed session to discuss personnel issues was made by Esther Springer-Johannesen, seconded by Kelly Evans, and approved with no nays.

Re-convene into Open Session: A motion to re-convene into open session was made by Pat Paradise, seconded by Kelly Evans, and passed with no nays. No decisions or motions resulted from the closed session discussion.

Announcements:

- 1) Next meeting 9am Saturday October 9th, 2021 – location LLCC Crow's Nest

Motions to recommend to the LLCC Board of Directors:

Motion to adjourn:

A motion to adjourn was made by Esther Springer-Johannesen, seconded by Kelly Evans, and passed with no nays as follows: To adjourn the meeting at 10:05pm

These minutes have not been approved by the Water Committee.
They have been respectfully submitted by Pat Paradise.

MOTIONS FOR BOARD:

Approval of Minutes:

A motion was made by Esther Springer-Johannesen, seconded by Kelly Evans, and passed with no nays to approve the minutes of August 14th 2021 as written.

Approval of Financial Report:

A motion was made by Kelly Evans, seconded by Phyllis Antonsen, and passed with no nays to accept the financial report as presented.

Approval of 2021-2022 water system budget:

A motion was made by Kelly Evans, seconded by Pat Paradise, and passed with no nays and one

abstention to approve the 2021/2022 water system operating and capital budget as a recommendation for approval to the LLCC Board (see attached budget worksheets) Voting was Don Bird – yes, Pat Paradise – yes, Esther Springer-Johannesen – yes, Kelly Evans – yes, Phyllis Antonsen – abstain, and Brandon Koch – absent (non vote). Motion passed with 4 yes, 1 abstention, 1 absent, and 0 no votes

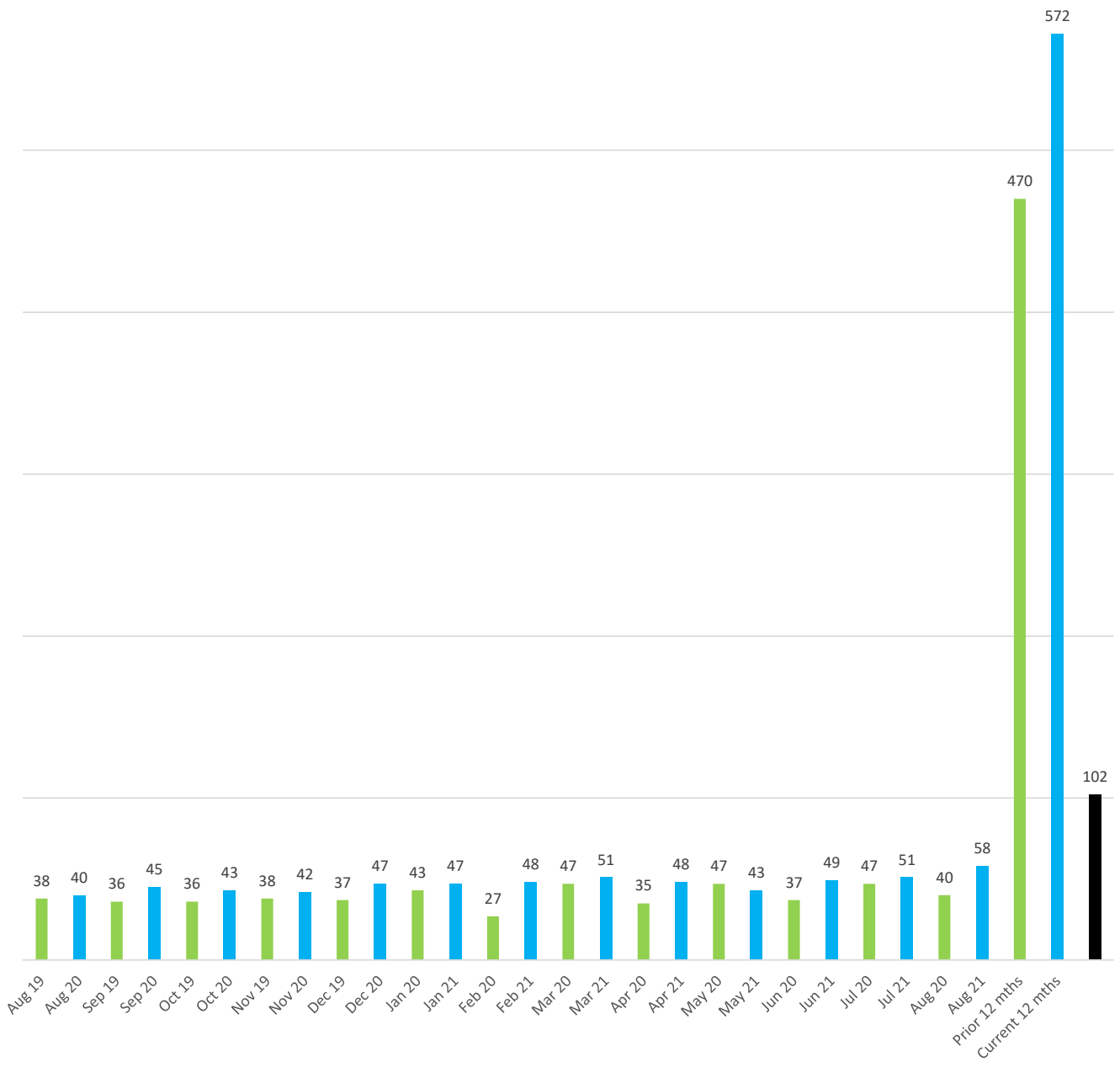
A motion to approve water flow meter installation at all wells (except well 6):

A motion was made by Esther Springer-Johannesen, seconded by Kelly Evans, and passed with no nays to approve a not to exceed sum of \$37,000.00 for the purchase and installation of well site system flow meters at all well sites (excluding well 6)

Lake Limerick Water Systems
BUDGET TO ACTUAL
Month Ended August 31, 2021

Variance	Month Budget	Month Actual		Year to Date Actual	Year to Date Budget	Variance	2021 Budget	% of Budget
			Revenue					91.7%
6,365	39,415	45,780	Gross Revenue Water	416,680	404,315	12,365	447,600	93.1%
1,500	0	1,500	Meter Insatallation	15,000	0	15,000	0.00	
61	10,875	10,936	Reserves	120,219	119,625	594	130,500	92.1%
7,926	50,290	58,216	Total Revenue	551,898	523,940	27,958	578,100	95.5%
			Operating Expenses					
28	650	678	Fuel/Gas Expense	9,119	6,860	2,259	7,500.00	121.6%
(340)	340	0	Auto Repair & Maintenance	87	3,660	(3,573)	4,000.00	2.2%
(17)	90	73	Bank Service Charges_	812	830	(18)	900	90.3%
(340)	420	80	Computer and Internet Expenses	1,873	4,580	(2,707)	5,000	37.5%
(90)	90	0	Dues & Subscriptions	2,153	910	1,243	1,000	215.3%
99	170	269	401k	1,615	1,830	(215)	2,000	80.7%
0	0	0	New Hire Expense	0	800	(800)	800	0.0%
0	0	0	Education & Training	1,154	3,000	(1,846)	3,000	38.5%
(1,013)	13,100	12,087	Salaries & Wages	140,936	143,900	(2,965)	157,000	89.8%
(144)	1,310	1,166	Payroll Expenses	13,401	14,390	(989)	15,700	85.4%
(216)	220	4	Payroll Tax Expense	37	2,420	(2,383)	2,650	1.4%
(1,000)	1,000	0	Tree Felling / Trimming		10,000	(10,000)	12,000	0.0%
(120)	120	0	Employee Expense other	-	1,280	(1,280)	1,400	0.0%
(1,250)	1,250	0	Legal Expenses	3,937	13,750	(9,813)	15,000	26.3%
(1,170)	1,170	0	Equipment Rental		12,830	(12,830)	14,000	0.0%
(1,098)	1,810	712	General Liability Expense	9,030	19,290	(10,260)	21,100	42.8%
(32)	1,170	1,138	Health Insurance	10,019	12,830	(2,811)	14,000	71.6%
0	0	0	Interest Expense	1,417	1,400	17	1,400	101.2%
(145)	250	106	License & Permits	1,852	2,750	(898)	3,000	61.7%
89	30	119	Meals and Entertainment	230	270	(40)	300	76.8%
158	510	668	Merchant Account Charges	6,641	5,260	1,381	5,800	114.5%
(10)	10	0	NSF Check Fees Returned Items		90	(90)	100	0.0%
103	50	153	Office Supplies	1,033	450	583	500	206.6%
1,940	60	2,000	Office Expense	4,552	640	3,912	700	650.3%
1,055	0	1,055	Postage and Delivery	5,092	4,400	692	5,500	92.6%
(1,231)	2,500	1,270	Professional Fees	77,623	27,500	50,123	30,000	258.7%
51,996	2,850	54,846	Repairs and Maintenance	90,439	30,850	59,589	33,700	268.4%
(220)	220	0	Small Tools and Equipment	2,460	2,420	40	2,650	92.8%
224	780	1,004	Supplies	5,917	8,520	(2,603)	9,300	63.6%
362	1,940	2,302	Taxes - Public Utility	21,476	19,870	1,606	22,000	97.6%
(76)	210	134	Telephone Expense	3,091	2,290	801	2,500	123.6%
(250)	250	0	Travel Expense	438	2,750	(2,312)	3,000	14.6%
(90)	90	0	Uniforms	608	910	(302)	1,000	60.8%
(201)	2,420	2,219	Utilities	21,672	24,340	(2,668)	27,000	80.3%
88	340	428	Water Testing	3,498	3,660	(162)	4,000	87.4%
47,088	35,420	82,508	Total Operating Expenses	442,211	391,530	50,681	429,500	103.0%
(39,163)	14,870	(24,293)	Operating Income (Loss)	109,688	132,410	(22,722)	148,600	73.8%
3,360	-	3,360	Interest Income	8,752	-	8,752	-	
(35,802)	14,870	(20,932)	Net Income (Loss)	118,440	132,410	(13,970)	148,600	79.7%
		(10,936)	Main Line and Well Capacity Reserves	(120,219)	(119,625)		(130,500)	
		(31,868)		(1,779)	12,785		18,100	
			Well #6 Loan Repayment	(18,123)	(18,100)		(18,100)	
				(19,902)	(5,315)		-	

Water Cash Collected
\$ '000s



EDWARD JONES INVESTMENTS

31-Aug-21

<u>Acct No.</u>	<u>Type</u>	<u>Value</u>	<u>Purchase</u> <u>date</u>		<u>Rate</u>	<u>Maturity</u> <u>Date</u>	<u>Maturity</u> <u>Value</u>	<u>Interest at</u> <u>Maturity</u>	<u>FDIC</u> <u>Insured</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	2022
WATER															
841-11177-1-9	Cert of Deposit	\$ 10,145.67	5/10/2021	Ally Bk Sandy Utah	3.00%	8/30/2021	\$ 10,146	\$ 93.40	yes	\$ 10,146					
	Cert of Deposit	\$ 10,089.53	7/9/2021	Goldman Sachs	1.80%	9/7/2021	\$ 10,090	\$ 29.85	yes		\$ 10,090				
	Cert of Deposit	\$ 40,469.21	5/4/2021	Goldman Sachs	2.45%	9/9/2021	\$ 40,469	\$ 347.70	yes		\$ 40,469				
	Cert of Deposit	\$ 18,010.71	6/24/2021	Westfield BK Mass	0.10%	9/24/2021	\$ 18,011	\$ 4.54	yes		\$ 18,011				
	Cert of Deposit	\$ 75,613.70	6/28/2021	Goldman Sachs	1.70%	10/4/2021	\$ 75,614	\$ 345.13	yes			\$ 75,614			
	Cert of Deposit	\$ 25,216.05	6/28/2021	Ally Bk Sandy Utah	1.80%	10/4/2021	\$ 25,216	\$ 121.87	yes			\$ 25,216			
	Cert of Deposit	\$ 7,063.59	8/19/2021	Morgan Stanley Bk N A Salt	1.85%	10/4/2021	\$ 7,064	\$ 16.47	yes			\$ 7,064			
	Cert of Deposit	\$ 20,172.88	6/3/2021	Ally Bk Sandy Utah	1.80%	10/12/2021	\$ 20,173	\$ 130.32	yes			\$ 20,173			
	Cert of Deposit	\$ 15,083.53	6/10/2021	Morgan Stanley	1.20%	10/18/2021	\$ 15,084	\$ 64.47	yes			\$ 15,084			
	Cert of Deposit	\$ 7,999.33	8/6/2021	Morgan Stanley	0.05%	10/21/2021	\$ 8,000	\$ 0.83	yes			\$ 8,000			
	Cert of Deposit	\$ 20,333.31	4/12/2021	Morgan Stanley	1.80%	10/25/2021	\$ 20,333	\$ 196.54	yes			\$ 20,333			
	Cert of Deposit	\$ 40,657.64	3/12/2021	Discover Bank CD	1.75%	10/26/2021	\$ 40,658	\$ 444.45	yes			\$ 40,658			
	Cert of Deposit	\$ 20,495.69	4/1/2021	sallie Mae Bk	2.65%	10/29/2021	\$ 20,496	\$ 313.98	yes			\$ 20,496			
	Cert of Deposit	\$ 3,025.92	8/19/2021	Morgan Stanley Bk N A Salt	1.80%	11/8/2021	\$ 3,026	\$ 12.09	yes			\$ 3,026			
	Cert of Deposit	\$ 29,990.05	7/8/2021	Goldman Sachs	0.05%	11/19/2021	\$ 29,990	\$ 5.51	yes				\$ 29,990		
	Cert of Deposit	\$ 24,762.04	3/1/2021	Ally Bk Sandy Utah	3.25%	11/23/2021	\$ 24,762	\$ 588.69	yes				\$ 24,762		
	Cert of Deposit	\$ 10,316.74	4/20/2021	Goldman Sachs	3.30%	11/29/2021	\$ 10,317	\$ 208.00	yes				\$ 10,317		
	Cert of Deposit	\$ 10,104.09	5/11/2021	Wells fargo	1.75%	12/30/2021	\$ 10,104	\$ 112.88	yes					\$ 10,104	
	Cert of Deposit	\$ 10,297.41	5/14/2021	Cii bank Sioux Falls	3.10%	1/10/2022	\$ 10,297	\$ 210.77	yes						\$ 10,297
	Cert of Deposit	\$ 25,258.47	8/18/2021	Wells Fargo Bank	2.25%	1/20/2022	\$ 25,258	\$ 241.34	yes						\$ 25,258
	Money Market	\$ 62,146.77		Edward Jones	0.01%				Yes						
		<u>\$ 487,252.33</u>													
WATER															
841-20044-1-1	Cert of Deposit	\$ 14,125.71	6/24/2021	Goldman Sachs	1.85%	8/30/2021	\$ 14,126	\$ 47.97	Yes	\$ 14,126					
	Cert of Deposit	\$ 15,224.25	8/6/2021	Ally Bk Sandy Utah	3.00%	9/13/2021	\$ 15,224	\$ 47.55	Yes		\$ 15,224				
	Cert of Deposit	\$ 10,146.89	6/10/2021	Citi bank Sioux Falls	3.00%	9/21/2021	\$ 10,147	\$ 85.90	Yes		\$ 10,147				
	Cert of Deposit	\$ 8,046.71	5/6/2021	Bmw Bk NA Salt Lake	1.30%	9/30/2021	\$ 8,047	\$ 42.13	Yes		\$ 8,047				
	Cert of Deposit	\$ 25,127.44	4/1/2021	Pinnacle Bank Nashville	1.15%	10/21/2021	\$ 25,127	\$ 160.71	Yes			\$ 25,127			
	Cert of Deposit	\$ 30,000.00	3/10/2021	Third Fed Svgs & Loan	3.15%	10/22/2021	\$ 30,000	\$ 585.12	Yes			\$ 30,000			
	Cert of Deposit	\$ 10,146.31	7/26/2021	Goldman Sachs	3.00%	11/23/2021	\$ 10,146	\$ 100.07	Yes				\$ 10,146		
	Cert of Deposit	\$ 29,432.94	8/16/2021	Citi bank Sioux Falls	3.10%	1/10/2022	\$ 29,433	\$ 367.47	Yes						\$ 29,433
	Cert of Deposit	\$ 15,233.79	8/12/2021	Wells Fargo Bk Sioux Falls	2.85%	2/14/2022	\$ 15,234	\$ 221.24	Yes						\$ 15,234
	Cert of Deposit	\$ 14,981.01	4/28/2021	Newburyport Five Cent Svgs	0.05%	3/18/2022	\$ 14,981	\$ 6.65	Yes						\$ 14,981
	Cert of Deposit	\$ 28,486.34	8/12/2021	Wells Fargo Bk Sioux Falls	2.75%	3/28/2022	\$ 28,486	\$ 489.34	Yes						\$ 28,486
	Cash	\$ 98,526.35			0.01%				Yes						
		<u>\$ 299,477.74</u>													
										<u>\$ 24,271</u>	<u>\$ 101,987</u>	<u>\$ 290,790</u>	<u>\$ 75,215</u>	<u>\$ 10,104</u>	<u>\$ 123,690</u>

Water Budget Assumptions

Fiscal Year Oct 1, 2021 – September 30, 2022

As a result of discovering our Water System needs significant upgrades to satisfy required fire flow requirements, we are having to increase revenue. With the increased revenue the Water System will be initiating a number of projects:

- Perform a thorough evaluation of our actual well capacities and flow capabilities.
- Install further instrumentation to continuously measure the actual flow into the water system to supply demand.
- Upgrade the water billing system to provide better information to the members and make the information available online.
- Make upgrades and improvements to the Water System as a result of the recent RH2 engineering reports.
- Engage engineers to develop specific projects to improve the fire flow capabilities.
- Improve security and monitoring capability at each of the well sites.

The increased revenue is necessary to cover the increased operational costs, asset replacement and system improvements required for our nearly 60-year-old water system as it approaches its useful service life.

The fees for this year are based on covering our current operating expenses. We have not included additional monies to go into reserve accounts, other than the current \$8.00 per lot per month that has been ongoing since 2012.

Future rate increases can be anticipated as the system ages, demands for water usage increase, and maintenance costs rise.

- 1) Watered meter rates increase as follows:
 - a. \$50.00 per lot for 4000 gallons
 - b. 4001 gallons – 8,000 gallons \$3.50 per 1000 gallons
 - c. 8,001 – 10,000 gallons \$4.50 per 1000 gallons
 - d. 10,001 and over \$5.50 per 1000 gallons
- 2) Non metered lots increase from \$18.00 per month to \$25.00 per month
- 3) Locked Metered lots increase from \$18.00 per month to \$25.00 per month
- 4) ½ Lots increase from \$9.00 per month to \$12.50 per month
- 5) All water revenue rates include \$8.00 per month to reserves for full lots and \$4.00 per month to half lots
- 6) Anticipate revenue from future excess usage charges to diminish as people fix leaks and conserve water due to increased excess water-usage rates.
- 7) Interest income from current reserves/savings estimated to be about \$2,400 due to management of CD investments.
- 8) Current interest expense rate on Well #6 loan is 1.5%
- 9) Utility tax – current rate of 5% based on water usage.
- 10) Staffing continues with 3 full time staff; 2 operational and 1 office.
- 11) Navy Railroad water line move not anticipated to occur in the upcoming fiscal year. However, there may be a minor amount of engineering and legal expenses during the year. As this is pending legal resolution, a minor cost is shown in the list of capital budget “Pending possible capital projects”.

Water Operating Budget 2021 - 2022																
WATER		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	TOTAL	Current Budget	YTD thru 8/31/2021
2019-202	47100 - Water Metered	-35706	-35737	-38583	-42712	-28635	-44763	-37582	-38965	-35522	-43187	-41267	-45327	-467986		
2020-202	47100 - Water Metered	-46934	-49808	-42054	-47046	-48138	-45326	-50348	-50771	-52520	-60738	-58216	-53000	-604899	-578100	-551899.00
2021-202	47100 - Water Metered	-70000	-70150	-59250	-66200	-67800	-63720	-70900	-71500	-74000	-85555	-82000	-74660	-855735		
2019-202	60201 - Fuel/Gas Expense	946	706	584	685	404	254	35	455	469	519	514	495	6066		
2020-202	60201 - Fuel/Gas Expense	840	750	608	670	641	1002	978	766	1202	984	678	1200	10319	7500	9119.00
2021-202	60201 - Fuel/Gas Expense	950	850	700	700	700	1100	1100	800	1300	1000	1300	1300	11800		
2019-202	60205 - Auto Repair & Maintenance	0	106	0	0	0	0	74	29	0	0	0	0	497	706	
2020-202	60205 - Auto Repair & Maintenance	0	0	0	0	0	0	0	0	0	87	0	0	500	587	4000
2021-202	60205 - Auto Repair & Maintenance	300	350	300	350	300	350	300	350	300	350	350	400	4000		
2019-202	60400 - Bank Service Charges	70	93	65	72	76	49	82	78	64	73	83	58	863		
2020-202	60400 - Bank Service Charges	74	67	62	117	79	59	78	67	66	69	73	80	891	900	811.00
2021-202	60400 - Bank Service Charges	80	70	60	110	70	60	80	70	70	70	80	80	900		
2019-202	61700 - Computer and Internet Expenses	112	2509	0	43	0	927	0	79	79	79	79	498	4405		
2020-202	61700 - Computer and Internet Expenses	253	79	188	79	79	79	79	362	80	515	80	100	1973	5000	1873.00
2021-202	61700 - Computer and Internet Expenses	800	800	800	800	1100	1100	1100	1100	1100	1100	1100	1100	12000		
2019-202	62500 - Dues & Subscriptions	27	27	27	1806	27	0	0	0	0	0	0	0	1914		
2020-202	62500 - Dues & Subscriptions	162	0	1275	548	0	108	0	0	59	0	0	30	2182	1000	2152.00
2021-202	62500 - Dues & Subscriptions	200	0	1400	600	0	200	0	0	100	200	200	100	3000		
2019-202	62601 - 401K	61	81	81	122	279	204	82	82	82	82	82	82	125	1363	
2020-202	62601 - 401K	84	84	84	84	84	126	84	177	269	269	269	269	1883		1614.00
2021-202	62601 - 401K	280	290	300	280	270	310	300	280	300	300	290	300	3500		
2019-202	62602 - New Hire Expense	0	0	0	0	814	0	0	0	0	0	0	0	90	904	
2020-202	62602 - New Hire Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	800	0.00
2021-202	62602 - New Hire Expense	0	0	0	0	800	0	0	0	0	0	0	0	800		
2019-202	62603 - Education & Training	0	42	0	160	0	0	0	0	0	0	200	0	402		
2020-202	62603 - Education & Training	224	0	88	0	77	0	0	166	0	600	0	100	1255	3000	1155.00
2021-202	62603 - Education & Training	250	250	250	250	250	250	250	250	250	250	250	250	3000		
2019-202	63600 - Salaries & Wages	8348	9660	5229	5847	12606	2720	2040	8874	8874	8874	8874	19172	101118		
2020-202	63600 - Salaries & Wages	8949	9570	16482	14347	12087	18202	12030	12194	12401	12586	12087	13578	154513	157000	140935.00
2021-202	63600 - Salaries & Wages	13950	13310	14590	13310	12680	14590	13950	13310	13950	13950	13310	13950	164850		
2019-202	66000 - Payroll Expenses	736	0	1001	578	1217	254	189	860	829	823	824	1779	9090		
2020-202	66000 - Payroll Expenses	830	892	1481	1417	1162	1703	1161	1177	1197	1215	1166	1560	14961	15700	13401
2021-202	66000 - Payroll Expenses	1630	1560	1700	1560	1490	1700	1630	1560	1630	1640	1560	1640	19300		
2019-202	66100 - Payroll Tax Expense	107	79	33	2	4	1	1	3	3	3	3	6	245		
2020-202	66100 - Payroll Tax Expense	3	3	1	3	3	6	4	4	4	4	4	255	294	2650	39.00
2021-202	66100 - Payroll Tax Expense	270	260	280	260	250	280	270	260	270	270	260	270	3200		
2019-202	62600 - Employee Expense - Other	0	130	87	0	0	0	0	0	0	0	0	0	217		
2020-202	62600 - Employee Expense - Other	0	0	0	0	0	0	0	0	0	438	0	0	438	1400	438.00
2021-202	62600 - Employee Expense - Other	100	100	100	100	100	100	100	100	100	100	100	100	1200		
2019-202	62905 - Equipment Rental	4635	1833	0	0	3470	152	0	0	0	0	0	0	153	10243	
2020-202	62905 - Equipment Rental	0	0	0	0	0	0	0	0	0	0	0	0	1500	1500	0.00
2021-202	62905 - Equipment Rental	650	650	650	650	650	650	650	650	650	650	650	650	7800		
2019-202	63310 - General Liability Expense	589	589	1021	1604	1604	1604	1604	1604	1604	1604	1604	1604	16635		
2020-202	63310 - General Liability Expense	1604	1604	878	605	605	605	605	605	605	605	712	1604	10637	21100	9033.00
2021-202	63310 - General Liability Expense	1790	1790	980	680	680	680	680	680	680	680	1790	1790	12900		
2019-202	63320 - Health Insurance	0	0	0	0	0	0	0	0	0	0	0	0	579	579	
2020-202	63320 - Health Insurance	579	579	579	579	569	569	2012	1138	1138	1138	1138	1138	11156	14000	10018.00
2021-202	63320 - Health Insurance	1150	1150	1150	1150	1300	1300	1300	1300	1300	1300	1300	1300	15000		
2019-202	63400 - Interest Expense	1631	1901	0	0	0	0	0	0	0	0	0	0	3532		
2020-202	63400 - Interest Expense	1359	0	0	0	58	0	0	0	0	0	0	0	1417	1400	1417.00
2021-202	63400 - Interest Expense	1100	0	0	0	60	0	0	0	0	0	0	0	1160		
2019-202	63800 - Legal	0	0	2325	93	1147	31	0	0	341	0	0	0	5325	15000	3937.00
2020-202	63800 - Legal	0	0	750	750	750	750	750	750	750	750	750	750	9000		
2021-202	63800 - Legal	750	750	750	750	750	750	750	750	750	750	750	750	9000		
2019-202	63805 - License & Permits	0	0	0	1560	0	0	0	50	0	705	0	106	2420		
2020-202	63805 - License & Permits	0	119	0	1522	0	0	0	0	0	106	106	106	1959	3000	1853.00
2021-202	63805 - License & Permits	200	300	200	300	200	300	200	300	200	300	200	300	3000		
2019-202	64300 - Meals and Entertainment	69	64	0	0	0	0	0	0	0	16	0	0	149		
2020-202	64300 - Meals and Entertainment	0	0	0	0	0	0	0	0	105	7	119	95	326	300	231.00
2021-202	64300 - Meals and Entertainment	60	60	60	60	60	60	60	60	60	70	70	120	800		
2019-202	64400 - Merchant Account Charges	391	502	473	519	423	477	443	466	456	497	499	635	5781		
2020-202	64400 - Merchant Account Charges	523	605	584	540	593	700	617	573	658	580	668	650	7291	5800	6641
2021-202	64400 - Merchant Account Charges	540	630	600	550	600	700	650	600	690	600	670	670	7500		
2019-202	64700 - NSF Check Fees Returned Items	30	0	0	0	0	0	0	0	0	0	0	0	30		
2020-202	64700 - NSF Check Fees Returned Items	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0.00
2021-202	64700 - NSF Check Fees Returned Items	0	20	0	20	0	20	0	20	0	0	0	0	100		
2019-202	64900 - Office Supplies	82	0	8	0	0	0	0	0	38	58	61	180	427		
2020-202	64900 - Office Supplies	178	137	138	44	11	62	0	168	94	49	153	50	1084	500	1034.00
2021-202	64900 - Office Supplies	200	150	140	50	20	60	0	170	100	70	70	70	1100		
2019-202	64901 - Office Expense	0	0	0	61	61	0	0	0	0	0	1875	0	1997		
2020-202	64901 - Office Expense	0	59	226	56	56	59	59	170	92	1774	2000	50	4601	700	4551.00
2021-202	64901 - Office Expense	0	60	230	60	60	60	60	170	100	1800	50	50	2700		
2019-202	66500 - Postage and Delivery	0	1009	0	0	1009	1109	0	146	0	1034	0	0	4307		
2020-202	66500 - Postage and Delivery	1009	1009	0	0	0	1009	0	1009	0	0	1055	1009	6100	5500	5091.00
2021-202	66500 - Postage and Delivery	1040	1040	0	0	0	1040	0	1040	0	0	0	0	5200		
2019-202	66700 - Professional Fees	4830	4093	2458	2497	3567	9391	9393	26413	3431	1551	2703	1939	72266		
2020-202	66700 - Professional Fees	2972	4724	1486	1302	1193	22657	15700	14888	9974	1457	1270	0	77623	30000	77623.00
2021-202	66700 - Professional Fees	12000	12000	12000	12000	12000	12000	12000	12500	12000	12500	12000	12500	145500		
2019-202	66900 - *Reconciliation Discrepancies	0	44	0	0	0	79	0	0	0	0	0	0	123		
2020-202	66900 - *Reconciliation Discrepancies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
2021-202	66900 - *Reconciliation Discrepancies	0	0	0	0	0	0	0	0	0	0	0	0	0		
2019-202	67200 - Repairs and Maintenance	2312	17420	4030	678	5956	5398	0	2661	0	0	44	271	38770		
2020-202	67200 - Repairs and Maintenance	1983	1399	1070	136	3276	10608	0	1631	0	15490	54846	1906	92345	33700	90439.00
2021-202	67200 - Repairs and Maintenance	4800	4800	4800	4800	4800	4900	4800	4900	4800	4900	4800	4900	58000		
2019-202	67400 - Service Contracts	0	0	0	0	849	0	0	0	0</						



Lake Limerick Water

Manager's Report September 13th, 2021 (Referencing for August 2021)

September 13th, 2021

Lake Limerick Water System: Water Committee Meeting regarding July 2021.

The condition of the water system is generally good, with reliable water availability to the customers.

All Well sites are up and running appropriately. .

SCADA is regularly monitored and operated everyday.

Well Conditions:

- ✚ Well #1 is operating "normally." Positive Coliform (No e-coli) on 9/7/21
- ✚ Well #2 Offline
- ✚ Wells #3A/3B are operating "normally."
- ✚ Well #4 is operating "normally."
- ✚ Well #5 is operating "normally."
- ✚ Well #6 is currently working but reservoir values are not showing accurately and requires a lot of management.

Water Usage:

8,274,700 gallons were pumped.
8,141,841 gallons were metered/accounted for.
123,687 gallons net loss
1.5% Loss

Customer Concerns:

LLWS had 12 regular locates.

Water Sampling:

LLWS performed regularly scheduled water sampling for the month of August and all were satisfactory. But on September 7th, 2021 we had confirmed Coliform positive samples in the vicinity and including Well #1. No ecoli present.

Other items:

I am told to expect the estimate on the well evaluation project toward the end of this week (Week of 9/13). They are extremely busy and have had difficulty getting it to us.

2 new meter installs were requested and will be completed in the next two weeks.

WATER CONSUMPTION REPORT - 2021

WATER VOLUME ENTERING DISTRIBUTION SYSTEM

1 A. Total Volume Produced	Jan.-21	Feb.-21	Mar.-21	Apr.-21	May-21	June-21	July-21	Aug.-21	Sept.-21	Oct.-21	Nov.-21	Dec.-21	Totals
Total Volume Produced Well #1	539,700	21,300	602,200	1,100,000	718,900	992,500	792,700	353,000					5,120,300
Total Volume Produced Well #2	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume Produced Well #3a	373,000	716,500	339,300	204,400	1,162,100	1,447,900	1,778,000	1,575,800					7,597,000
Total Volume Produced Well #3b	479,500	939,200	316,800	269,300	1,546,100	1,916,900	2,352,100	1,361,200					9,181,100
Total Volume Produced Well #4	1,438,600	1,016,100	688,800	95,300	1,347,400	1,080,900	1,952,200	1,226,600					8,845,800
Total Volume Produced Well #5	796,000	784,500	1,384,600	1,330,400	25,200	0	1,244,000	2,931,900					8,496,600
Total Volume Produced Well #6	1,436,700	200,200	983,900	2,198,800	1,026,300	1,395,400	1,478,600	826,200					9,548,100
1 B. Total Volume Purchased	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1. Total Water Produced All Sources:	5,063,500	3,677,800	4,315,600	5,198,200	5,828,000	6,833,600	9,597,600	8,274,700	0	0	0	0	48,789,000

TOTAL VOLUME CONSUMED

2 A. Water Volume Metered (Billed and Unbilled)	3,431,236	3,370,458	4,184,562	4,727,634	5,518,378	6,616,722	9,253,478	8,141,841					45,244,309
2 C. Estimated Authorized Uses (may be billed or Unbilled)		24,200											24,200
Utility Flushing and Tank Cleaning	2,000	3,000											5,000
Firefighting and Training							11,000	6,000					17,000
Well Level Difference				16,666	0	16,788							33,454
Other: Well flush		10,000		10,000									20,000
Distribution storage - Allowed	1,130,852						3,172						1,130,852
2. Total Authorized Consumption	4,564,088	3,407,658	4,184,562	4,754,300	5,518,378	6,633,510	9,264,478	8,151,013	0	0	0	0	46,477,987

Total Volume DSL	499,412	270,142	131,038	443,900	309,622	200,090	333,122	123,687	0	0	0	0	2,311,013
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Percent DSL	9.9%	7.3%	3.0%	8.5%	5.3%	2.9%	3.5%	1.5%					
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Year to Date Total DSL:	4.7%	Compliance with leakage standard	10.6%
		Next years 3 year average based on	11.9%

Water Rights Data	Right (acft/yr)	Total	Acre-feet used	%Water right used	WR allocated (AFY)	WR allocated (%)	MIFR (Q) GPM
5566-A (G2-08049) AHA-974 S05 Well #1	117 16.7%	5,120,300	15.7	13.4%	15.7	2.2%	100
5587-A AHA-978 S02 Well #2	166 0.0%	0	0.0	0.0%	55.4	7.9%	200
5888-A (G2-08834) AHA-976 S03 Well #3A	84 12.0%	7,597,000	23.3	27.8%	23.3	3.3%	100
APP G2-28483 AHA-975 S06 Well #3B	254 36.3%	9,181,100	28.2	11.1%		0.0%	210
7012-A (G2-09889) AHA-973 S04 Well #4	79 11.3%	8,845,800	27.1	34.4%	27.1	3.9%	100
G2-27215 AHA-977 S07 Well #5*	152 15.0%	8,496,600	26.1	17.2%		0.0%	190
G2-27443 S08 Well #6*	160 15.8%	9,548,100	29.3	18.3%		0.0%	200
Total AFY without supplementals	700 107.1%	48,789,000	149.7	21.4%	121.6	17.4%	710
Total*	1,012						1100

700 afy

325851

gallons

Electrical Usage in KWh

	Jan.-21	Feb.-21	Mar.-21	Apr.-21	May-21	Jun-21	Jul-21	Aug.-21	Sept.-21	Oct.-21	Nov.-21	Dec.-21	Total
Well #1	1,934	942	1,814	2,062	1,332	1,801	1,292	578					11,755
Well #2	180	350	300	320	26	52	202	573					1,973
Well #3	2,696	4,562	2,326	2,227	6,562	7,900	9,665	7,140					43,078
Well #4	3,402	2,322	1,523	298	3,063	2,463	4,309	2,733					20,113
Well #5	3,179	3,040	5,088	4,781	98	13	2,006	4,859					23,064
Well #6	6,544	1,837	3,780	9,064	4,806	6,076	6,324	4,134					42,565
total:	17,905	13,053	14,831	18,752	15,887	18,305	23,798	20,017	0	0	0	0	142,548

Gallons Per KWh

	Jan.-21	Feb.-21	Mar.-21	Apr.-21	May-21	Jun-21	Jul-21	Aug.-21	Sept.-21	Oct.-21	Nov.-21	Dec.-21	Total	Gal/Kwh YTD
Well #1	279	23	332	533	540	551	614	611					435	AVG
Well #2	0	0	0	0	0	0	0	0					0	AVG
Well #3	316	363	282	213	413	426	427	411					356	AVG
Well #4	423	438	452	320	440	439	453	449					427	AVG
Well #5	250	258	272	278	257	0	620	603					317	AVG
Well #6	220	109	260	243	214	230	234	200					214	AVG
total:	283	282	291	277	367	373	403	413					342	AVG Gal/Kwh combined =

total: 283 282 291 277 367 373 403 413

Historical Data

	Pumped	Sold	Loss
2010	69,790,309	#####	4.2%
2011	60,958,882	#####	7.3%
2012	57,963,886	#####	5.5%
2013	56,859,553	#####	4.5%
2014	62,649,611	#####	2.7%
2015	66,109,416	#####	6.6%
2016	66,784,811	#####	6.9%
2017	64,963,044	#####	4.5%
2018	67,149,235	#####	4.4%
2019	79,119,500	#####	22.7%
2020	71,162,988	#####	8.5%
2021	48,789,000	#####	4.7%
2022	48,789,000	#####	4.7%
2023	48,789,000	#####	4.7%
2024	48,789,000	#####	4.7%
2025	48,789,000	#####	4.7%

Updated March 7, 2019 per Water Use Efficiency Guide Book Third Edition (Jan. 2017)
per WSDOH Division of Environmental Health Office of Drinking Water Pub. DOH 331-375

Distribution System Leakage Notes: All Repaired 1. 4" AC, Clonakilly, and Road of Tralee 2. (2019) 60 Errigal 4" AC. 3. (2019) Angus Ct 4" AC. 4. (2019) 2224 St. Andrews 4" AC. 5. (2020) 170 Sleaford 47" AC. 6. (2020) 370 Penzance 4" AC. 7. (2020) 2340 St. Andrews 4" AC. 8. (2020) 201 Balmoral 4" AC. 9. (2021) Shamerock 4", 10. (2021) Angus Ct 4", 11. (2021) Dartmoore 4" 12. (2021) Glamis Ct 4" 13. (2021) Dartmoore 4"