

**LAKE LIMERICK COUNTRY CLUB
WATER COMMITTEE MEETING**

Minutes of June 12th, 2021

Meeting Location: LLCC Inn Crow's Nest

Call to Order: The Meeting was held at the LLCC Inn Crow's Nest. Our first "in person" meeting since the Covid 19 epidemic negated the ability to meet in person. The meeting was called to order at 9:07 am by Chairman Don Bird.

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

Board of Directors Attending: Steve Saylor, Dean Dyson, and John Ingemi

Employees Attending: Water Manager Doug Carothers

Contractors Attending: none

Guests Attending: none

Approval of Minutes:

A motion was made by Kelly Evans, seconded by Esther Springer-Johannesen, and passed with no nays to approve the minutes of May 8th 2021 as written.

Additions to Agenda: added under new business – consumer confidence test report, facilities office space, backflow survey

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, water revenue, and fund transfers from water to HOA. Overall the budget is tracking and only \$607.00 over projected expenditures. Treasurer will work with HOA front office to setup a few desired line items within QuickBooks to better identify income/expense items. The report was very detailed and is attached for details).
- 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. Water budget is tracking projections and has generated an additional \$22,000.00 in revenue based on excess water consumption charges. Revenue is up from last year due to this rate restructuring. Treasurer will revisit and capture expenses to date on engineering costs for the Navy Trestle Renovations and the RH2 baseline water system survey. Treasurer will report back to water committee next meeting.
- 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.

- 4) **Reserve Study Status:** HOA reserve study draft is complete. John Ingemi commented that the HOA board of directors will receive a draft packet of the survey from him to begin discussions on establishing funding.

Motion to Approve Financial Report:

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

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 5.3% and a year to date loss of 6.9% with a goal of less than 10% loss for the year. All known water system leaks have been repaired.

A) Platt Electric VFD status: Platt Electric downloaded programming of all installed VFD's and will forward to RH2 for engineering programming review. Platt also corrected wiring on one VFD at well 3. Well 6 VFD's have been sending alarms – it is suspected that the 3 phase power provided by PUD is the source of the alarms. Water manager will run the well 6 pumps on emergency generator power to see if VFD's continue to send alarms. It can then be determined if it is a PUD power issue or a VFD/control issue.

B) Arcadia Drilling well site status: Water Manager and Arcadia Well Drilling are working on budget for repairs on well 5 submersible pump and create a preventive maintenance schedule for all wells. Well 2 was “hand started” and flushed – as there are currently no controls installed on the pumps. A water sample was taken for lab report. GPM output provided by well 2 was estimated at 80 to 90 gpm. Testing was done by bucket count method and not confirmed with a flow meter.

- 2) **RH2 engineering project draft report and status – Doug and Don:** Water manger and water committee president updated water committee on current status of draft report. A meeting with RH2 staff and water committee to review draft status will be scheduled once report is completed. Water Committee is in a holding pattern for action items, budgeting, and reserve funding commitments until the report is issued, reviewed, and accepted.

- 3) **Badger Analytics meter reading and billing status - Doug:** Water Manager provided a summary of the Badger Analytics meter reading and billing experience. Two new meters were installed and there are 8 to 10 meters “in-house” for future meter installation requests

- 4) **SCADA System – Doug & Don :** Repairs have been made to correct errors in the scada system and the system is working better.

- 5) **Fire Tender Filling Station schedule and status – Doug:** Budget approved , contractor and materials being procured for installation of two fire tanker truck filling stations to installed within Lake Limerick. One at well # 1 and one at well #4. Currently fire tanker trucks refill at

Pioneer School, local tender fill stations will substantially lower response time in case of fire. Water Manager has indicated a 1,000gpm fill rate for these two locations – this will allow for a tanker refill in under 4 minutes. Water Manager will oversee the project and estimates work to be completed within 2 or 3 weeks of approval.

Correspondence: none

Old Business:

1) **Navy railroad trestle seismic retrofit project:** Water Manager has been contact with surveyor to review survey documents, documents have been forwarded to our legal counsel and will be forwarded to the Navy. Water Manager will document discussion(s) and forward to CAM “for record”

1) **NWS Water System Plan Status- Don:**

Final review of NWS Plan by end of December. It was suggested that parts of the RH2 Engineering Study be incorporated into the updated plan. Committee will review once study report has been issued. Waiting on RH2 report to move ahead.

2) **NWS 2021 contract negotiation:** Water Manager will procure a revised proposal for services from NWS that the water committee can discuss and take appropriate action on.

3) **Budget Perpetrations 2021 – 2022:** RH2 Engineering final report will play a major role in determining goals and costs associated with any possible future capital projects. Water Manger expects RH2 report will be issued next week

New Business:

1) **Consumer Confidence Report:** Report is complete and will be mass mailed to all LLCC members. Mailing will be combined with the cross connection backflow survey

2) **Water System Office Facilities:** Committee members discussed upgrading the Water Department Office. A brief discussion followed – including the desire to project a professional image and offer a business like office space. According to Water Manager, his existing office space is too small and in disrepair for the water department to adequately perform their duties. No motion was made – further discussion to follow.

3) **Backflow Survey:** A backflow device survey will be mass mailed (along with the consumer confidence report) to all LLCC Members. Purpose of the survey is to identify any potential cross connection hazards and confirm backflow devices are installed.

Commitments Review: None

Closed Session: none

Announcements:

- 1) Next meeting 9am Saturday July 10th, 2021 – location LLCC Crow's Nest
- 2) Due to the length of this morning's meeting – the tour of the well sites was postponed until Thursday June 17th 10am. Tour will begin at water office.

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 11:10am

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 Kelly Evans, seconded by Esther Springer-Johannesen, and passed with no nays to approve the minutes of May 8th 2021 as written.

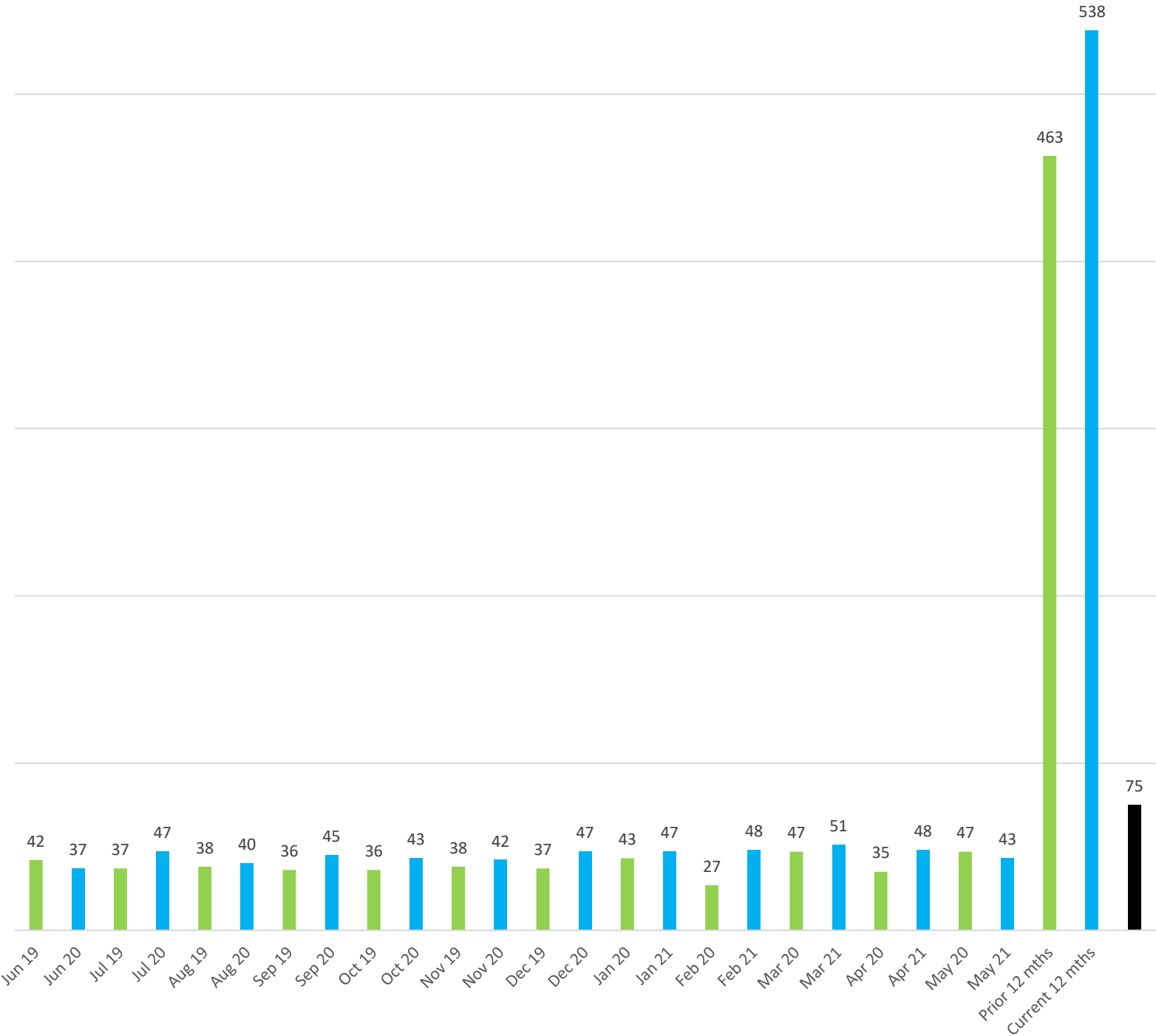
Approval of Financial Report:

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

CASH ACCOUNTS**May 2021**

Location	Type	Name	Balance	Operating	Savings	Reserve
<u>WATER</u>						
Heritage	Checking-8937	Water Operating	\$ 13,211.28	\$ 13,211.28		
	Money Market-8953	Water Mainline	\$ 66,309.37			\$ 66,309.37
	Money Market-8945	Well #6 Reserves	\$ 41,537.46			\$ 41,537.46
OCCU	Checking-0216S50	Water Committee	\$ 76,604.26	\$ 76,604.26		
	Savings-0216S7	Water Committee	\$ 102,307.34		\$ 102,307.34	
Edward Jones #11177	various length investments	LLWS Mainline Reserve	\$ 487,530.01			\$ 487,530.01
Edward Jones #20044	various length investments	LLWS Capacity Reserve	\$ 300,638.39			\$ 300,638.39
Total Water			\$ 1,088,138.11	\$ 89,815.54	\$ 102,307.34	\$ 896,015.23

Water Cash Collected
\$ '000s



EDWARD JONES INVESTMENTS
31-May-21

<u>Acct No.</u>	<u>Type</u>	<u>Value</u>	<u>Purchase date</u>		<u>Rate</u>	<u>Maturity Date</u>	<u>Maturity Value</u>	<u>Interest at Maturity</u>	<u>FDIC Insured</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>2022</u>
841-11177-1-9	WATER																
	Cert of Deposit	\$ 10,048.00	3/3/2021	Goldman Sachs	2.45%	6/7/2021	\$ 10,048	\$ 64.75	yes	\$ 10,048							
	Cert of Deposit	\$ 50,737.16	4/28/2021	Discover Bank CD	3.00%	6/21/2021	\$ 50,737	\$ 225.19	yes	\$ 50,737							
	Cert of Deposit	\$ 63,992.07	5/4/2021	Goldman Sachs	0.05%	6/24/2021	\$ 63,992	\$ 4.47	yes	\$ 63,992							
	Cert of Deposit	\$ 27,019.05	5/3/2021	First Rep Bnk San Francisco	0.10%	7/1/2021	\$ 27,019	\$ 4.37	yes		\$ 27,019						
	Cert of Deposit	\$ 13,132.42	4/1/2021	Morgan Stanley	2.15%	7/6/2021	\$ 13,132	\$ 74.26	yes		\$ 13,132						
	Cert of Deposit	\$ 15,999.44	5/27/2021	Mizuho Bk USA	5.00%	8/3/2021	\$ 15,999	\$ 149.04	yes			\$ 15,999					
	Cert of Deposit	\$ 54,501.38	10/21/2020	Sallie Mae Bk Salt Lake City	3.00%	8/16/2021	\$ 54,501	\$ 1,339.39	Yes			\$ 54,501					
	Cert of Deposit	\$ 25,212.02	4/7/2021	Morgan Stanley	1.85%	8/23/2021	\$ 25,212	\$ 176.35	yes			\$ 25,212					
	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	\$ 40,469.21	5/4/2021	Goldman Sachs	2.45%	9/9/2021	\$ 40,469	\$ 347.70	yes				\$ 40,469				
	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	\$ 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
	Money Market	\$ 39,306.67		Edward Jones	0.01%				Yes								
		<u>\$ 487,530.01</u>															
841-20044-1-1	WATER																
	Cert of Deposit	\$ 37,893.39	10/22/2020	Morgan Stanley BK NA Salt	2.50%	6/7/2021	\$ 37,893	\$ 591.76	Yes	\$ 37,893							
	Cert of Deposit	\$ 14,206.41	4/28/2021	Discover Bank CD	3.00%	6/21/2021	\$ 14,206	\$ 63.05	Yes	\$ 14,206							
	Cert of Deposit	\$ 20,198.66	5/4/2021	Goldman Sachs	2.05%	7/12/2021	\$ 20,199	\$ 78.28	Yes		\$ 20,199						
		\$ 10,098.21	3/12/2021	Sallie Mae Bk Salt Lake City	2.05%	7/26/2021	\$ 10,098	\$ 77.13	Yes		\$ 10,098						
	Cert of Deposit	\$ 10,145.48	5/4/2021	Discover Bank CD	3.00%	7/26/2021	\$ 10,145	\$ 69.21	Yes		\$ 10,145						
	Cert of Deposit	\$ 20,283.07	4/1/2021	Ally Bk Sandy Utah	3.00%	8/9/2021	\$ 20,283	\$ 216.72	Yes			\$ 20,283					
	Cert of Deposit	\$ 20,198.66	5/7/2021	Capital One	2.10%	8/16/2021	\$ 20,199	\$ 117.37	Yes			\$ 20,199					
	Cert of Deposit	\$ 51,462.84	1/25/2021	Bmw Bk NA Salt Lake	3.00%	8/17/2021	\$ 51,463	\$ 862.88	Yes			\$ 51,463					
	Cert of Deposit	\$ 27,492.86	12/28/2020	CIT Bank Pasadena CA	1.90%	8/23/2021	\$ 27,493	\$ 340.61	Yes			\$ 27,493					
	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	\$ 14,981.01	4/28/2021	Newburyport Five Cent Svgs	0.05%	3/18/2022	\$ 14,981	\$ 6.65	Yes								\$ 14,981
	Cash	\$ 10,503.65			0.01%				Yes								
		<u>\$ 300,638.39</u>															
										<u>\$ 176,877</u>	<u>\$ 80,594</u>	<u>\$ 225,296</u>	<u>\$ 48,516</u>	<u>\$ 136,614</u>	<u>\$ 35,079</u>		<u>\$ 25,278</u>

Lake Limerick Water Systems

BUDGET TO ACTUAL

Month Ended May 31, 2021

Variance	Month Budget	Month Actual		Year to Date Actual	Year to Date Budget	Variance	2021 Budget	% of Budget
			Revenue					
(394)	37,205	36,811	Gross Revenue Water	279,517	289,180	(9,663)	447,600	62.5%
3,000	-	3,000	Meter Installation	13,500	-	13,500	-	
85	10,875	10,960	Reserves	87,408	87,000	408	130,500	67.0%
2,691	48,080	50,771	Total Revenue	380,425	376,180	4,245	578,100	65.8%
			Operating Expenses					
196	570	766	Fuel/Gas Expense	6,255	4,960	1,295	7,500	83.4%
(330)	330	-	Auto Repair & Maintenance	-	2,640	(2,640)	4,000	0.0%
(13)	80	67	Bank Service Charges_	604	580	24	900	67.1%
(58)	420	362	Computer and Internet Expenses	1,199	3,320	(2,121)	5,000	24.0%
(80)	80		Dues & Subscriptions	2,094	640	1,454	1,000	209.4%
7	170	177	401k	808	1,320	(512)	2,000	40.4%
0	0	0	New Hire Expense	0	800	(800)	800	0.0%
166	0	166	Education & Training	554	2,000	(1,446)	3,000	18.5%
(906)	13,100	12,194	Salaries & Wages	103,861	104,600	(739)	157,000	66.2%
(133)	1,310	1,177	Payroll Expenses	9,823	10,460	(637)	15,700	62.6%
(216)	220	4	Payroll Tax Expense	26	1,760	(1,734)	2,650	1.0%
(1,000)	1,000	-	Tree Felling / Trimming	-	8,000	(8,000)	12,000	0.0%
(120)	120	-	Employee Expense other	-	920	(920)	1,400	0.0%
(1,250)	1,250	-	Legal Expenses	3,596	10,000	(6,404)	15,000	24.0%
(1,170)	1,170	-	Equipment Rental	-	9,320	(9,320)	14,000	0.0%
(1,205)	1,810	605	General Liability Expense	7,109	13,860	(6,751)	21,100	33.7%
(32)	1,170	1,138	Health Insurance	6,606	9,320	(2,714)	14,000	47.2%
-	-	-	Interest Expense	1,417	1,400	17	1,400	101.2%
(250)	250		License & Permits	1,641	2,000	(359)	3,000	54.7%
(30)	30	-	Meals and Entertainment	-	180	(180)	300	0.0%
93	480	573	Merchant Account Charges	4,736	3,770	966	5,800	81.7%
(10)	10	-	NSF Check Fees Returned Items	-	60	(60)	100	0.0%
128	40	168	Office Supplies	737	320	417	500	147.4%
110	60	170	Office Expense	685	460	225	700	97.9%
(91)	1,100	1,009	Postage and Delivery	4,037	3,300	737	5,500	73.4%
12,388	2,500	14,888	Professional Fees	64,665	20,000	44,665	30,000	215.6%
(1,169)	2,800	1,631	Repairs and Maintenance	20,103	22,400	(2,297)	33,700	59.7%
(194)	220	26	Small Tools and Equipment	1,984	1,760	224	2,650	74.9%
(575)	780	205	Supplies_	4,095	6,180	(2,085)	9,300	44.0%
103	1,830	1,933	Taxes - Public Utility	14,579	14,210	369	22,000	66.3%
78	210	288	Telephone Expense	2,321	1,660	661	2,500	92.9%
(250)	250	-	Travel Expense	-	2,000	(2,000)	3,000	0.0%
(20)	80	60	Uniforms	608	640	(32)	1,000	60.8%
87	2,040	2,127	Utilities v	15,338	17,370	(2,032)	27,000	56.8%
541	330	871	Water Testing	1,377	2,640	(1,263)	4,000	34.4%
4,795	35,810	40,605	Total Operating Expenses	280,859	284,850	(3,991)	429,500	65.4%
(2,104)	12,270	10,166	Operating Income (Loss)	99,566	91,330	8,236	148,600	67.0%
			Other Income					
392	-	392	Interest Income_	5,358	-	5,358	-	
392	-	392	Total Other Income	5,358	-	5,358	-	
(1,712)	12,270	10,558	Net Income (Loss)	104,924	91,330	13,594	148,600	70.6%
			<i>Main Line and Well Capacity Reserves</i>	<i>(87,408)</i>	<i>(87,000)</i>		<i>(130,500)</i>	
				<u>17,516</u>	<u>4,330</u>		<u>18,100</u>	
			<i>Well #6 Loan Repayment</i>	<i>(18,123)</i>	<i>(18,100)</i>		<i>(18,100)</i>	
				<u>(607)</u>	<u>(13,770)</u>		<u>-</u>	



Lake Limerick Water

Manager's Report June 2021 (Referencing for May 2021)

June 12th, 2021

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

The condition of the water system is generally good, with reliable water availability to the customers. All known leaks are repaired.

Well #5 is offline. Arcadia and I have determined that the well pump motor has failed and the pump/motor will soon be pulled and replaced. While we have it pulled we will also be assessing the condition of the well with a camera and attempt to do any needed maintenance.







While Arcadia was here we evaluated all wells sites. They discover that a Well 3 VFD wiring was installed incorrectly causing a motor/pump to run in reverse. While it still produced water it did not produce as much.

Also, while Arcadia was on site I had them aid me in starting up Well 2. We carefully started the motor/pump and then ran the water out of the building via a PVC pipe. After allowing the pump plenty of time to clear the settled water and fine materials we measured flow and took manganese sample. While we're currently waiting for the manganese results I am able to report the water output to be between 80 – 90gpm.

Well 6 - As our demand increases so do Well 6 VFD faults. Arcadia and I looked at this. We ramped up the flow output (after shutting down other well sites) and monitored the performance. They state that the farther out a utility is the worse the "dirty power" becomes from PUD. Since we are able to run these facilities at high flow conditions (as we did during fire hydrant testing) without issue and our faults primarily occur during PUD's higher demand days, I suspect that our equipment is not the issue. Surely, VFDs have changed over the years to accept a wider range of power fluctuations – still I doubt that our VFDs are the issue.

SCADA is regularly monitored and operated everyday.

Well Conditions:

-  Well #1 is operating "normally".
-  Well #2 Offline
-  Wells #3A/3B are operating "normally".
-  Well #4 is operating "normally".
-  Well #5 Offline
-  Well #6 is currently working but reservoir values are not showing accurately.

Water Usage:

- 5,828,000 gallons were pumped.
- 5,518,378 gallons were metered/accounted for.
- 309,622 gallons net loss

5.3% Loss

Customer Concerns:

LLWS had 11 regular locates.

Water Sampling:

LLWS performed regularly scheduled water sampling for the month of May and all were satisfactory.

Other items:

Installed two new meters.

The two Tender Fill Station Hydrants will be installed in the next few weeks. Note that we are in contact with a coating company to ensure that we will be using an appropriate USEPA/AWWA/NSF approved coating to protect the inside of the metal hatch and the drinking water.

Rhonda and I discovered that we have a missing well file box from upstairs at the Inn. This box contains records of each well site in individual sections. If someone knows where it is please let us know (or return it).

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								2,982,100
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								2,795,300
Total Volume Produced Well #3b	479,500	939,200	316,800	269,300	1,546,100								3,550,900
Total Volume Produced Well #4	1,438,600	1,016,100	688,800	95,300	1,347,400								4,586,200
Total Volume Produced Well #5	796,000	784,500	1,384,600	1,330,400	25,200								4,320,700
Total Volume Produced Well #6	1,436,700	200,200	963,900	2,198,800	1,028,300								5,847,900
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	0	0	0	0	0	0	0	24,083,100

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								21,232,268
2 C. Estimated Authorized Uses (be billed or Unbilled)		24,200											24,200
Utility Flushing and Tank Cleaning	2,000	3,000											5,000
Firefighting and Training				16,666	0								16,666
Well Level Difference				10,000									20,000
Other: Well flush		10,000											10,000
Distribution storage - Allowed	1,130,852												1,130,852
2. Total Authorized Consumption	4,564,088	3,407,658	4,184,562	4,754,300	5,518,378	0	0	0	0	0	0	0	22,428,986

Total Volume DSL	499,412	270,142	131,038	443,900	309,622	0	0	0	0	0	0	0	1,654,114
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Percent DSL	9.9%	7.3%	3.0%	8.5%	5.3%								
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Year to Date Total DSL:	6.9%
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Compliance with leakage standard	10.6%
Next years 3 year average based	11.9%

Water Rights Data	Right (acrf/yr)		Total	Acre-feet used	%Water right used	WR allocated (AFY)	WR allocated (%)	MIFR (Qi) GPM
	AFY (Qa)	% of total						
5566-A (G2-08049) AHA-974 S05 Well #1	117	16.7%	2,982,100	9.2	7.8%	9.2	1.3%	100
5587-A AHA-978 S02 Well #2	166	23.7%	0	0.0	0.0%	31.2	4.5%	200
5888-A (G2-08834) AHA-976 S03 Well #3A	84	12.0%	2,795,300	8.6	10.2%	8.6	1.2%	100
APP G2-29483 AHA-975 S06 Well #3B	254	36.3%	3,550,900	10.9	4.3%		0.0%	210
7012-A (G2-09889) AHA-973 S04 Well #4	79	11.3%	4,586,200	14.1	17.8%	14.1	2.0%	100
G2-27215 AHA-977 S07 Well #5*	152	15.0%	4,320,700	13.3	8.7%		0.0%	190
G2-27443 S08 Well #6*	160	15.8%	5,847,900	17.9	11.2%		0.0%	200
Total AFY without supplementals	700	130.8%	24,083,100	73.9	10.6%	63.0	9.0%	710
Total*	1,012							1100 GPM

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								8,084
Well #2	150	350	300	320	26								1,146
Well #3	2,696	4,562	2,326	2,227	6,562								18,373
Well #4	3,402	2,322	1,523	298	3,063								10,608
Well #5	3,179	3,040	5,088	4,781	98								16,186
Well #6	6,544	1,837	3,780	9,064	4,806								26,031
total:	17,905	13,053	14,831	18,752	15,887	0	0	0	0	0	0	0	80,428

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								341	AVG
Well #2		0	0	0	0								0	AVG
Well #3	316	363	282	213	413								317	AVG
Well #4	423	438	452	320	440								414	AVG
Well #5	250	258	272	278	257								263	AVG
Well #6	220	109	260	243	214								209	AVG
total:	283	282	291	277	367								299	AVG Gal/Kwh combined =

Historical Data

	Pumped	Sold	Loss
2010	69,790,309	66,840,300	4.2%
2011	60,958,882	56,483,665	7.3%
2012	57,963,886	54,775,298	5.5%
2013	56,859,553	54,275,297	4.5%
2014	62,649,611	60,973,228	2.7%
2015	66,109,416	61,749,171	6.6%
2016	66,784,811	62,157,037	6.9%
2017	64,963,044	62,010,322	4.5%
2018	67,149,235	64,162,480	4.4%
2019	79,119,500	61,189,708	22.7%
2020	71,162,988	65,090,958	8.5%
2021	24,083,100	22,428,986	6.9%
2022	24,083,100	22,428,986	6.9%
2023	24,083,100	22,428,986	6.9%
2024	24,083,100	22,428,986	6.9%
2025	24,083,100	22,428,986	6.9%

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- Distribution System Leakage Notes: All Repaired 1. 4" AC, Clonakilty, and Road of Tralee 2. (2019) 60 Enrigal 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.