

**LAKE LIMERICK COUNTRY CLUB
WATER COMMITTEE MEETING**

**Minutes of November 14th, 2020
Meeting Location: ZOOM Internet Meeting**

Call to Order: The Meeting was held online via ZOOM Meeting on the internet. The meeting was called to order at 9:05 am by Chairman Don Bird.

MEMBERS ATTENDING: Chairman Don Bird, Secretary Pat Paradise, Treasurer Esther Springer-Johannesen, and members Phyllis Antonsen, and Kelly Evans. Phyllis Antonsen and Kelly Evans logged into the meeting a few minutes late due to technical difficulties. Brandon Koch had an excused work-related commitment and was unable to attend the zoom meeting.

Board of Directors Attending: Dean Dyson (for the 1st ½ hour of the meeting)

Employees Attending: Water Manager Doug Carothers

Contractors Attending: none

Guests Attending: none

Approval of Minutes:

A motion was made by Phyllis Antonsen, seconded by Esther Springer-Johannesen, and passed with no nays to approve the minutes of October 10th 2020 as written.

Additions to Agenda: none

Comments from any Guests: none

Financial Report:

- 1) **Water System Financial Report:** A draft financial report was provided by treasurer Esther Springer-Johannesen including a budget to actual expenditures, investments, cash on hand, and a listing of water department capital (and hoa) projects (see attached documents). Budgeted to actual expenditures were over budget by \$4,500 in the first month of our new 2020/2021 budget cycle. Closing out of the 2019/2020 budget is in process, waiting on some financial numbers to come in to close out the 2019/2020 budget.
- 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. A graph was provided to indicate water cash collected. (see attached)
- 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 – alternative investment interest rates were investigated. Recent available interest rates have been only 0.01% . Esther met with Scott Davis of Edward Jones to review best possible interest rates on our Cd's. Esther was able to convert expiring Cd's with a higher 0.16% interest rate and a relatively short investment period.
- 4) **Reserve Study Status:** HOA reserve study contract has been awarded. No news on progress, vendor

representative was called out of town due to family emergency. Esther will follow up with HOA representative Connie Wong for any updates. Don Bird will follow up with Northwest Water Services for any updates.

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

Water Distribution Mangers Report:

1) Manager's report and consumption spreadsheet: The report was very complete and is attached for record. Water System is in good shape overall – Water Manager is monitoring and adjusting loop pressures.

Consumption spreadsheet (attached): The calculated water loss for the month is 10.9% and for the year is 8.5% with a goal of remaining under 10%. The consumption report is attached for record. A suspected leak has been located at Dartmore, waiting on a few days of dry weather to investigate. Mason County has approved probing asphalt with a drill to look for water seepage. Water Manager will update leak repairs onto spreadsheet to document repairs. UPS devices have been purchased and are pending installation. Members with questions/concerns regarding the water department are requested to contact the water department directly in place of posting to social media.

2) Booster pump faults: Pumps are running – but we are experiencing communication faults. Water manager to continue to troubleshoot causes.

3) SCADA system status: Don Bird provided a summary of the scada system and the system is working well. Minor issues are being documented and resolved. Implementation of cellular radio installation in process.

4) Badger Analytics meter reading and billing status: Doug provided a summary of the Badger Analytics meter reading and billing experience. The upgraded software and meter reading hardware is working very well. 6 meters were having issues reading and 3 of them have been repaired. Water Manager will make repairs or replacements as on the last 3 as needed to correct.

5) Employee search status:

a) Part time greens staff for well site grounds maintenance, water box clearing and inventory, valve exercising, etc: A discussion was held to determine if there is a need/desire to utilize seasonal golf course employees to perform basic maintenance on the water system assets during their "laid off" status in the winter. HOA Cam, Water Manager, and Greens Keeper would co-ordinate this work. There is some money available in the new budget that could be used for this. More discussion is needed, No motion was made on this subject.

6.) Fire hydrant fill stations at reservoirs – Doug: A contractor proposal was reviewed to add fire hydrant fill stations at up to 3 Lake Limerick well site reservoirs to assist

Mason Fire to fill tanker trucks to support firefighting efforts. (see attached). A discussion including the quantity of fill stations (one , two, or three) and at which well locations, who could access the locations, and the reasons for adding the fill locations was debated. In conclusion, - additional simulation, testing and documentation of current fire flow capability was agreed to. A simulation of available fire flow requirements at various times and a documentation of results will lead to determination of the quantity and location these fill stations and if they may be needed.

6) Engineering firm search for water system review – Doug: Water Manager solicited 6 engineering firms with only 2 responding. Jacobs (formerly CH20) deferred on looking at our solicitation due to their distance from us and associated cost structures involved in working this far from there Seattle Office. Don Bird recommended two additional engineering firms to contact. Water Manager will proceed with contacting them.

7) Office/Shop/Storage research: Water Manager has been researching locations and costs for additional office and support space for water department operations. Only 12K has been budgeted into this year’s capital budget to provide a metal canopy/building for storage of pipe materials. Further investigation and existing space configuration utilization are ongoing. No written scope of work or budget was presented.

Old Business:

1) Navy railroad trestle seismic retrofit project:

The Navy has responded to our requests to sit down and resolve right of way issues. Navy and our engineer are looking into routing/sequencing of a temporary main line “by-pass” during navy trestle seismic construction upgrade. More information will be provided as we move ahead with the consultation process. Consideration of a “permanent” temporary by-pass line was rejected due to added costs and probability of right of way issues.

2) NWS Water System Plan status:

NWS provided a draft water system plan upgrade. Draft Water System Plan was reviewed and comments forwarded to NWS for incorporation in final draft of document.

3) NWS 2020 Water Rate and Reserve Study: Draft study has been reviewed and comments forwarded to NWS for incorporation into final document. Status: pending comments back from NWS on LLCC water committee comments to draft.

New Business:

Commitments Review: None

Announcements:

- 1) Next meeting 9am Saturday December 12th, 2020 – location and format to be determined on social distancing guidelines.

Motion to convene to closed session: none

Motion to reconvene to open session: none

Motion to accept all closed session motions: none

Motion 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 11:04am

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 Phyllis Antonsen, seconded by Esther Springer-Johannesen, and passed with no nays to approve the minutes of October 10th 2020 as written.

Approval of Financial Report:

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

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 11:04am

Lake Limerick Water Systems

BUDGET TO ACTUAL

Month Ended Oct 31, 2020

Variance	Month Budget	Month Actual		Year to Date Actual	Year to Date Budget	Variance	2021 Budget	% of Budget
Revenue								
3,539	34,095	37,634	Gross Revenue Water	37,634	34,095	3,539	447,600	110.4%
5	10,875	10,880	Reserves	10,880	10,875	5	130,500	100.1%
3,544	44,970	48,514	Total Revenue	48,514	44,970	3,544	578,100	107.9%
Operating Expenses								
140.49	700.00	840.49	Fuel/Gas Expense	840.49	700.00	140.49	7,500.00	120.07 %
(330.00)	330.00	0.00	Auto Repair & Maintenance	0.00	330.00	(330.00)	4,000.00	0.00 %
4	70	74	Bank Service Charges_	74	70	4	900	105.6%
(157)	410	253	Computer and Internet Expenses	253	410	(157)	5,000	61.8%
(80)	80	-	Dues & Subscriptions	0	80	(80)	1,000	0.0%
(76)	160	84	401k	84	160	(76)	2,000	52.40 %
0	0	0	New Hire Expense	0	0	0	800	
162	0	162	Education & Training	162	0	162	3,000	
(4,051)	13,000	8,949	Salaries & Wages	8,949	13,000	(4,051)	157,000	68.84 %
(470)	1,300	830	Payroll Expenses	830	1,300	(470)	15,700	63.88 %
(217)	220	3	Payroll Tax Expense	3	220	(217)	2,650	1.22 %
(1,000)	1,000	-	Tree Felling / Trimming	-	1,000	(1,000)	12,000	0.0%
(110)	110	-	Employee Expense other	-	110	(110)	1,400	0.0%
(1,250)	1,250	-	Legal Expenses	-	1,250	(1,250)	15,000	0.0%
(1,160)	1,160	-	Equipment Rental	-	1,160	(1,160)	14,000	0.0%
4	1,600	1,604	General Liability Expense	1,604	1,600	4	21,100	100.2%
(581)	1,160	579	Health Insurance	579	1,160	(581)	14,000	49.9%
(41)	1,400	1,359	Interest Expense	1,359	1,400	(41)	1,400	97.1%
(250)	250	-	License & Permits	-	250	(250)	3,000	0.0%
(20)	20	-	Meals and Entertainment	-	20	(20)	300	0.0%
73	450	523	Merchant Account Charges	523	450	73	5,800	116.3%
(5)	5	-	NSF Check Fees Returned Items	-	5	(5)	100	0.0%
138	40	178	Office Supplies	178	40	138	500	444.3%
(50)	50	-	Office Expense	-	50	(50)	700	0.0%
1,009	-	1,009	Postage and Delivery	1,009	-	1,009	5,500	
(683)	2,500	1,817	Professional Fees	1,817	2,500	(683)	30,000	72.7%
(2,800)	2,800	-	Repairs and Maintenance	-	2,800	(2,800)	33,700	0.0%
258	220	478	Small Tools and Equipment	478	220	258	2,650	217.1%
1,546	770	2,316	Supplies_	2,316	770	1,546	9,300	300.7%
213	1,680	1,893	Taxes - Public Utility	1,893	1,680	213	22,000	112.7%
9	200	209	Telephone Expense	209	200	9	2,500	104.4%
(250)	250	-	Travel Expense	-	250	(250)	3,000	0.0%
(80)	80	-	Uniforms	-	80	(80)	1,000	0.0%
(39)	2,110	2,071	Utilities v	2,071	2,110	(39)	27,000	98.2%
(215)	330	115	Water Testing	115	330	(215)	4,000	34.9%
(10,360)	35,705	25,345	Total Operating Expenses	25,345	35,705	(10,360)	429,500	71.0%
13,904	9,265	23,169	Operating Income (Loss)	23,169	9,265	13,904	148,600	250.1%
Other Income								
1,295	-	1,295	Interest Income_	1,295	-	1,295	-	
1,295	-	1,295	Total Other Income	1,295	-	1,295	-	
15,199	9,265	24,464	Net Income (Loss)	24,464	9,265	15,199	148,600	264.1%
		<u>10,880</u>	<i>Main Line and Well Capacity Reserves</i>	<u>10,880</u>	<u>10,875</u>		<u>130,500</u>	
		13,584		13,584	(1,610)		18,100	
			<i>Well #6 Loan Repayment</i>	<u>(18,123)</u>	<u>(18,100)</u>		<u>(18,100)</u>	
				<u>(4,538)</u>	<u>(19,710)</u>		<u>-</u>	

EDWARD JONES INVESTMENTS

31-Oct-20

Acct No.	Type	Value	Purchase		Rate	Maturity		Interest at Maturity	FDIC Insured	Jan	Mar	Apr	May	Jun	Aug
			date			Date	Value								
HOA															
841-01533-1-9	Cert of Deposit	\$ 116,000.00	6/25/2020	Bank of India New York	0.15%	1/27/2021	\$ 116,000	\$ 102.97	Yes	\$ 116,000					
	Cert of Deposit	\$ 140,000.00	7/17/2020	First Rep BK San Francisco CA	0.10%	1/15/2021	\$ 140,000	\$ 69.81	Yes	\$ 140,000					
	Cert of Deposit	\$ 40,479.06	10/23/2020	Bank Hapoalim BM New York	1.30%	4/1/2021	\$ 40,479	\$ 230.68	Yes			\$ 40,479			
	Cert of Deposit	\$ 150,353.75	10/23/2020	UBS Bk Salt Lake City UT	1.05%	1/8/2021	\$ 150,354	\$ 333.04	Yes	\$ 150,354					
	Cash	\$ 175,090.31		Edward Jones	0.01%				Yes						
		<u>\$ 621,923.12</u>								\$ 406,354	\$ -	\$ 40,479	\$ -	\$ -	\$ -
HOA															
841-20043-1-2	Bank Deposit	\$ 1,286.43		Bank of China	0.05%				Yes						
	Bank Deposit	\$ 27,161.15		State Street Bank	0.05%				Yes						
	Bank Deposit	\$ 0.01		Truist Bank	0.05%				Yes						
	Bank Deposit	\$ 54,453.06		Citibank	0.05%				Yes						
		<u>\$ 82,900.65</u>													
WATER															
841-11177-1-9	Cert of Deposit	\$ 40,407.56	10/22/2020	Wells Fargo Bank	2.25%	3/29/2021	\$ 40,408	\$ 393.56	Yes		\$ 40,408				
	Cert of Deposit	\$ 25,399.66	10/21/2020	Bank Amer NC	1.65%	1/22/2021	\$ 25,400	\$ 106.78	Yes	\$ 25,400					
	Cert of Deposit	\$ 25,399.66	10/21/2020	Morgan Stanley BK NA	1.65%	1/22/2021	\$ 25,400	\$ 106.78	Yes	\$ 25,400					
	Cert of Deposit	\$ 50,000.00	10/29/2020	Bank of China Ny	0.10%	4/29/2021	\$ 50,000	\$ 24.93	Yes			\$ 50,000			
	Cert of Deposit	\$ 20,273.11	10/23/2020	Wells Fargo Bank	2.45%	5/3/2021	\$ 20,273	\$ 261.27	Yes			\$ 20,273			
	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
	Money Market	\$ 219,372.25		Edward Jones	0.01%				Yes						
		<u>\$ 435,353.62</u>													
WATER															
841-20044-1-1	Cert of Deposit	\$ 97,000.00	7/17/2020	First Rep BK San Francisco CA	0.10%	1/15/2021	\$ 97,000	\$ 48.37	Yes	\$ 97,000					
	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		
	Cash	\$ 114,590.23			0.01%				Yes						
		<u>\$ 249,483.62</u>								\$ 147,799	\$ 40,408	\$ 50,000	\$ 20,273	\$ 37,893	\$ 54,501

HOA	YTD Interest
841-01533-1-9	\$ 578.67
841-20043-1-2	\$ 7.74
	<u>\$ 586.41</u>

Water	YTD Interest
841-11177-1-9	\$ 1,003.49
841-20044-1-1	\$ 225.13
	<u>\$ 1,228.62</u>

CASH ACCOUNTS

October 2020

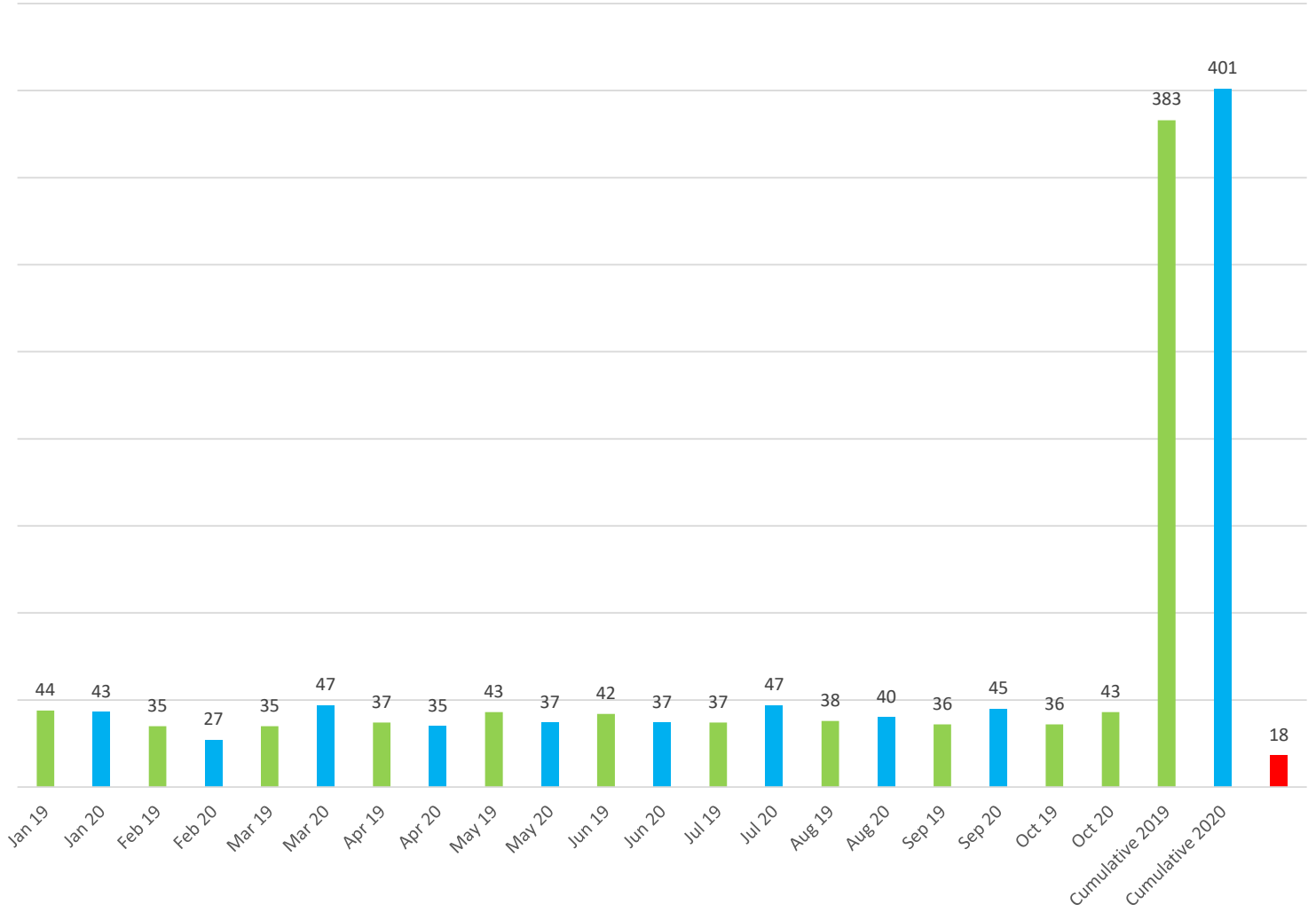
Location	Type	Name	Balance	Operating	Savings	Reserve
<u>HOA</u>						
Heritage	Checking-0214	Operating	\$ 105,885.26	\$ 105,885.26		
	Money Market-4023	LLCC Savings	\$ 92,703.52		\$ 92,703.52	
	Savings-5841	Golf Projects	\$ 8,838.39		\$ 8,838.39	
Edward Jones # 01533	Various Investments	HOA Capital Svgs	\$ 621,923.12			\$ 621,923.12
Edward Jones # 20043	Various Investments	HOA Capital Asset Repair	\$ 82,900.65			\$ 82,900.65
Total HOA			\$ 912,250.94	\$ 105,885.26	\$ 101,541.91	\$ 704,823.77
<u>WATER</u>						
Heritage	Checking-8937	Water Operating	\$ 24,900.72	\$ 24,900.72		
	Money Market-8953	Water Mainline	\$ 87,189.74			\$ 87,189.74
	Money Market-8945	Well #6 Reserves	\$ 58,868.67			\$ 58,868.67
OCCU	Checking-0216S50	Water Committee	\$ 116,909.07	\$ 116,909.07		
	Savings-0216S7	Water Committee	\$ 102,209.28		\$ 102,209.28	
Edward Jones #11177	various length investments	LLWS Mainline Reserve	\$ 435,353.62			\$ 435,353.62
Edward Jones #20044	various length investments	LLWS Capacity Reserve	\$ 249,483.52			\$ 249,483.52
Total Water			\$ 1,074,914.62	\$ 141,809.79	\$ 102,209.28	\$ 830,895.55
<i>Heritage Bank</i>	\$	378,386.30				
<i>OCCU</i>	\$	219,118.35				
<i>Edward Jones</i>	\$	1,389,660.91				
	\$	<u>1,987,165.56</u>				
TOTAL:			\$ 1,987,165.56	\$ 247,695.05	\$ 203,751.19	\$ 1,535,719.32

31-Oct-20		2020-21 HOA Capital Projects		Budget	Committed	Spent to date	Remaining
2019-20	Facilities		Lake Olde Lyme Park	\$ 15,000		\$ 12,754.44	\$ 2,245.56
2019-20	Inn		Deck Repair	\$ 85,000	\$ 84,377.09	\$ 50,841.92	\$ 34,158.08
2020-21	F&B	Kitchen Refrigeration & Shelving		\$ 3,710			\$ 3,710.00
2020-21	L/Dam	Lake Treatments - Yellow Iris Treatment		\$ 8,000			\$ 8,000.00
2020-21	Facilities	4x4 gas or diesel truck		\$ 20,000			\$ 20,000.00
2020-21	Admin	New LLCC Auto Attendant telephone system		\$ 6,000			\$ 6,000.00
2020-21	Inn	Complete fireside seating area, with bench & small table. 5 pc. Bistro counter height tables & chairs along mirror wall. 4x\$400-\$500 each new. Search for used. Waterside for low counter, under window sill, and using chair seating., OR, low back 2 & 4 person wood booths. This could go in Lounge as well. Seek used from closed restaurants. Replace all chairs with wooden. Lots currently available in State Surplus bid in Lots of 20 @ \$150 plus. Lounge lighting to compliment dining room. Resurface Lounge black naugahyde with carpet. Two smart TVs for the dining room.		\$ 11,500			\$ 11,500.00
2020-21	F&B	Café Toaster Avatoast		\$ 330	\$ 325.49	\$ 325.49	
2020-21	Admin	Golf storage sheds and shop electrical upgrades		\$ 41,710	\$ 10,603.07	\$ 4,917.25	\$ 36,792.75
2020-21	L/Dam	Lake Treatments - Hydrogen-Peroxide Treatment of Cranberry Cove		\$ 16,000			\$ 16,000.00
2020-21	Greens	Irrigation pumphouse Concrete bracing		\$ 30,000			\$ 30,000.00
2020-21	Admin	Anglia gate card reader upgrade		\$ 6,000			\$ 6,000.00
2020-21	Greens	Fix drainage culvert under #7 fairway to pond		\$ 4,000			\$ 4,000.00
2020-21	Facilities	Make ADA compliant the current restaurant 1st floor restroom. Moved from Inn Comm 2019-20 project to 2020-21 Facilities		\$ 11,500			\$ 11,500.00
2020-21	L/Dam	Lake Leprechaun Mares Tail weed treatment		\$ 8,000			\$ 8,000.00
				\$ 266,750	\$ 95,305.65	\$ 68,839.10	\$ 197,906.39

2020-21 Water Capital Projects		Budget	Committed	Spent to date	Remaining
Generator well 4 / including engineering for adding generators well 1 & 5		\$ 49,000			
Hydrologic study well capacity and well consolidation to include flow meters, well level meters, and add to SCADA		\$ 65,000			
Recondition Well 6 or add new well to improve flow		\$ 20,000			
Locate Valve can holes		\$ 7,000			
New Chlorine at all well sites		\$ 40,000			
Water Sample stations		\$ 7,000			
Portable Water Office Lease		\$ 6,000			
Storage Building		\$ 12,000			
Fencing Well #3		\$ 5,000			
Navy Railroad Trestle water line relocation *		\$ 50,000			
Total		\$ 261,000	\$ -	\$ -	\$ -

*Note: Estimated: Range could be \$10,000 to \$50,000 depending on how project is implemented and Navy approval.

Water Cash Collected \$ '000s





Lake Limerick Water

Manager's Report October 2020

November 11th, 2020

Lake Limerick Water System: Water Committee Meeting regarding October 2020.

The general condition of the water system is currently good, with reliable water availability to the customers. Although, we have had continued VFD, motor power faults, and Communication faults at various well sites. We also have an ongoing leak on Dartmore.

SCADA is regularly monitored and operated everyday.

Well Conditions:

- ✚ Well #1 is operating "normally". Frequent Comms/electrical issue (Working on it)
- ✚ Well #2 is still in stand-by and is considered a Seasonal use per Water Rights.
- ✚ Wells #3A/3B are operating "normally".
- ✚ Well #4 is operating "normally".
- ✚ Well #5 is operating "normally".
- ✚ Well #6 is operating "normally". Although, frequent motor/VFD failures (working on it)

Keep in mind that while the wells current condition is good we've had many problems throughout the month.

Water Usage:

5,395,294 gallons were pumped,
4,807,288 gallons were metered from distribution
588,006 gallons net loss
10.9% Loss **Small Main Break**

Customer Concerns:

LLWS had 12 regular locates.

Water Sampling:

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

Action Items

Part of this month's water loss is due to an ongoing mainline leak on Dartmore. This leak is best described as a "seepage" and is not a flowing leak. Thus, we are not yet able to determine where the actual leak is. Mason County has given us permission to use a hand drill to penetrate the asphalt in order to determine the path of flowing water. Still we are not able to do this until we have several continuous days of dry weather.

Jacob's Engineering (previously CH2M) believes that because of their location we will save money by using other good engineering firms. After they gave me several names I contacted other engineers and am currently compiling information for their analysis. After they look over the information they will tour our water system. This information will be compiled within the next 10 days.

We have quite a bit of information compiled as it pertains to a water office and storage shop options.

Many discussions have taken place about the US Navy's railroad trestle on Mason Lake Road and our water main. I believe that Roger has kept you abreast of this.

Electrical Usage in Kwh

	Jan-18	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total
Well #1	2,170	1,869	2,464	2,463	1,182	1,098	1,576	1,358	745	1,475			16,400
Well #2		2844	1705	506	522	407	388	304	300	286			7,262
Well #3	6,319	5,698	4,964	5,800	2,505	7,164	10,567	9,107	8,124	7,229			67,477
Well #4	775	819	2,168	2,213	4,025	2,639	2,706	3,341	1,920	1,626			22,232
Well #5	403	720	2,177	1,990	3,620	2,726	3,947	4,428	4,482	1,629			26,122
Well #6	6,544	4,211	4,131	3,486	9,116	4,632	6,111	9,783	6,552	2,821			57,387
total:	16,211	16,161	17,609	16,458	20,970	18,666	25,295	28,321	22,123	15,066	0	0	196,880

Gallons Per Kwh

	Gallons Per Kwh											Gal/Kwh YTD		
Well #1	341	353	370	417	382	508	481	479	473	461			427	AVG
Well #2		0	0	0	0	0	0	0	0	0			0	AVG
Well #3	293	315	268	379	364	445	442	448	447	446			385	AVG
Well #4	276	272	338	334	373	425	460	442	426	360			370	AVG
Well #5	61	169	247	252	237	331	271	264	251	250			233	AVG
Well #6	241	215	191	149	256	233	241	253	237	177			219	AVG
total:	272	229	244	303	289	367	364	348	338	358	AVG Gal/Kwh combined =		316	

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	6.8%
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	62,246,988	56,962,882	8.5%
2021	62,246,988	56,962,882	8.5%
2022	62,246,988	56,962,882	8.5%
2023	62,246,988	56,962,882	8.5%
2024	62,246,988	56,962,882	8.5%
2025	62,246,988	56,962,882	8.5%

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:

KCL Excavating Inc.

2527 114th Ave Olympia WA 98512

Contact Info: Cory Lenzi 360-489-7334 corylenzi@yahoo.com

Project: Lake Limerick Water System

Plans/Specs: N/A

Scope: Civil/Site Work

WELL # 1 INSTALL 160LF OF 6" C900 FIRE LINE/GATE VALVE/HYDRANT \$12,850

WELL # 4 INSTALL 200LF OF 6" C900 FIRE LINE/GATE VALVE/HYDRANT \$13,700

WELL # 6 INSTALL 280LF OF 6" C900 FIRE LINE/GATE VALVE/HYDRANT \$15,600

NOTE: There will be connections to existing water mains at all reservoir sites. Sand bedding, backfill and compaction. Rock and regrade all access roads disturbed during the course of construction. All parts and materials are AWWA standard. Pressure Test completed before final.

TOTAL BASE BID \$42,150

Exclusions: Any work that is not in the above scope. No Asphalt Patching. No joint utility trenching. No irrigation sleeves. No plumbing trenching. No street light trenching. No walls or fence. No landscaping. No tax. No permits.

Note: Import \$34.75 per Ton. Export \$28.50 per Yard.

Thank you for the opportunity to quote on this project.