

## LAKE LIMERICK COUNTRY CLUB - WATER COMMITTEE MEETING

**Minutes** of December 11<sup>th</sup>, 2021

**Meeting Location:** LLCC Inn and Via Zoom [December 11, 2021 meeting recording](#) Passcode: gM9%rE\*j

**Call to Order:** Meeting was called to order by Chairman Don Bird at 9:04am

**Members Attending:** Chairman Don Bird, Treasurer/ Interim Secretary Esther Springer-Johannesen, members Kelly Evans, Dan Cossano, Anne Moen & Brandon Koch (via Zoom)

**Board of Directors Attending:** John Ingemi, Dean Dyson

**Employees Attending:** None

**Contractors Attending:** None

**Guests:** Brian Drake 05-117, Dan Bussler 05-092, Mandy Paradise 03—285, Pat Paradise 04-175

### **Water Committee Secretary Election:**

- Anne Moen volunteered. Motion made Kelly Evans, seconded by Esther Springer-Johannesen and carried with no nays to elect Anne Moen as water committee secretary.
- John Ingemi reviewed why the importance of minutes being completed in a few days and the packet that is prepared for the Board to review.

### **Approval of Minutes:**

- Motion made by Kelly Evans, seconded by Esther Springer-Johannesen, and carried with no nays to approve the minutes of November 13<sup>th</sup> with the following corrections: Spelling of Dan Cossano's name and Guest Will Perlik div 04 lot 022.
- **Guest comment-** Mandy Paradise wanted access to December's minutes and agenda ahead of time. Request will be sent to Christy / LLCC office to post agenda by Friday prior to water meetings to the LLCC website.

### **Additions to Agenda:**

- Doug Crothers resignation. Don Bird announced that Doug Crothers has resigned and taken a position elsewhere. Doug gave two weeks notice, making his last day December 24, 2021. Don acknowledged some of the numerous improvements Doug made while working for Lake Limerick
  1. Locating and fixing numerous leaks
  2. Alerted members of the issue with low water pressure
  3. Improved operating procedures for well sites
  4. Worked with members to help them understand and fix leaks
  5. Helped hire and train Mike Boyd who is a great asset to Lake Limerick
  6. Located contractor to evaluate wells
  7. Worked with RH2 on Water System Evaluation
  8. Taught the Board of Directors and Water Committee more about water systems

Northwest Water system is still on contract until new hire is selected.

**Financial Report:**

• **Water System Financial- Esther Springer-Johannesen**

1. Esther Springer-Johannesen noted that missing from the report are two items and will follow up
  - a. The Water Committees 1/3 portion for the General Liability Expense for the past two months, approx. \$3500.00.
  - b. Also, the Water Committee's portion of the phone bill was not taken out.
2. Our fuel / gas is now being purchased at the Texaco station down the hill. Water is no longer using LLCC fuel/gas, and thus does not share a portion of those fees.
3. The net income year to date still needs the reserves (\$19400.00) and well payment (\$18123.00) taken out, this will drop the net down to approximately \$30,164

• **Accounts Payable / Receivable - Esther Springer-Johannesen**

1. Total over 90 days is currently \$15770.00
2. Still waiting on legal guidance for collections and turning off water for overdue accounts, along with Board approval
3. Once collections guidance is received, water committee will work with collections staff to add the state mandated steps for turning off water on past due accounts to insure compliance with state laws.

• **CD & Money Market Review - Esther Springer-Johannesen**

1. Esther Springer-Johannesen will meet with Scott at Edward Jones to evaluate 4 CD's that are up in December.
2. CD's being purchased will be with no upfront cost only interest CD's. Will work to obtain best interest rate available at time of purchase.
3. CD's funds are spread out so funds are more readily available through the year if needed without penalty for early withdrawal.

• **Water Rate Change – Don Bird**

The board of directors has enacted a rate change, via approved motion, during their November 20<sup>th</sup>, 2021 meeting, for Water Rates effective with December billing for usage from November 1 to November 30<sup>th</sup>. Usage will now have a base rate of 5000 gallons. Excess usage will occur starting at 5001 gallons per month, instead of 4001 gallons. The board notated that the rate can be reinstated at any time in the fiscal year if it is deemed necessary to support the Water Department financially. Esther Springer-Johannesen commented that this will be an approximate \$15,000.00 reduction in estimated revenue for the current fiscal year. The water savings account can be used to help if need be to cover expenses. Current CDs are earmarked for mainline and well replacement/upgrades.

Kelly Evans suggested preparing the budget for vote in September next year to avoid having to redo figures if large changes are made before the budget approved by the Board. Don Bird will talk to the Board about this.

John Ingemi mentioned that the colors used for the budget are great when reading on the computer but when it gets printed out, sometimes the contrast is unreadable. Esther Springer-Johannesen and John Ingemi will work together on a solution.

Motion made by Kelly Evans, seconded by Dan Cossano, and carried with no nays to accept the financial report as presented.

### **Water System Mangers Report 9:38:**

1. Consumption Spread Sheet
    - a. Consumption: 4,040,000 gallons pumped, 3,872,300 gallons metered and accounted for, for a net loss of 167,700 gallons or 4.2%
  2. Well Conditions
    - a. All wells except #3 are up and running appropriately. Well 3's antenna coms/coaxed cable and connections were broken due to wind and a cedar limb pulling apart. Will be repaired in the next few business days. Well is operating, but SCADA information is not able to be read.
  3. 15 regular locates and regular scheduled sampling for the month were all satisfactory
  4. Electrical safety repair done at Well 5.
- Esther Springer-Johannesen wanted to know if Mike has taken the marking class? Don Bird to look into when they meet with Northwest Water Monday.
  - Mandy Paradise wanted to know more information about the Northwest Water (NWS) meeting. Don Bird explained it is a meeting between the NWS, Roger, and himself and will give summary at the following water meeting.

### **Project Status**

#### **A. Well evaluation project**

- i. **Contractor Site Visit - Doug** Carothers researched and found that only one company in WA state had the capability to do all of the tasks required to properly evaluate the capacity of well pumps at each well site (7). This includes pump capacity, camera wells to see if repairs are needed (cleaning screens, brushing and jetting) and flow tests. The company is Picatti Brothers Inc.
- ii. **Well evaluation quote** – quote received this does not include repairs but does include travel expense but not in detail. Additional cost to the water budget is needed to remove fence around Well #1 to get the truck in. Due to the depth of Well #6 Picatti needs to use their big truck. \$50,000.00 is budgeted under capital for Well for improvements/repairs.
- iii. **Motion to approve Well Evaluation quote for initial phase-** Discussion was had amongst committee members about sole source selection, needing a request for quote (RFQ) and does Lake Limerick have a policy or guidance for this scenario or similar. Per John Ingemi no official policy. Members had concerns about the lack of detail in

the bid. Don Bird tasked Dan Cossano to work with Doug Carothers regarding bid details. No motion was made to accept the bid at this time.

- Dan Bussler had a question about Well #2. If we are not using it, why are we evaluating it. Don Bird explained we need to know the capacity incase of emergency or if treatment is possible and well can be put back online.
  
- B. Flow meter installation project** – They have just arrived. New flow meters will work with SCADA system and will help identify water loss. KCL will install the flowmeters.
- C. Water Office Improvements** CAM is checking into mobile office unit to provide water department additional office space. Unit will not have any plumbing, but may contain some storage space that can be used for water supplies. It has been verified that the green lids in the maintenance yard, are not septic but are clean outs.
- D. Badger Meters-** We have a group of meters with sequential high serial numbers that are not working correctly. Possibly a bad sending unit. However, these meters are still under warranty so if needed we can coordinate work with Badger to get them repaired / replaced.
  - Don Bird noted that, Rhonda has mentioned one meter has erratic readings. Doug and Rhonda may request a forgiveness on part of the homeowner’s water bill. If needed Meter can be replaced by Mike.

#### **Correspondence**

- Esther Springer-Johannesen has several pending requests from members but would like to attach the November Board’s minutes, which unfortunately are not yet available on the LLCC website. Responses will be sent to those members who had questioned water rates, to include board minutes that reflect the board has actioned to change water rate structure.

#### **Old Business**

- 1. UMS Software upgrade status**-Contract and check signed and sent to company. Once company receives it, they will schedule a training session. Most likely in February. Before transfer of data or during our data needs to get cleaned up (addresses / lot & division separated). John Ingemi offered to help office staff with this task.
- 2. NWS Contract renegotiation status** – Reusing current contract, auto renewal at least until new manager is hired
- 3. Loan or Grant Upgrades** - pending no action at this time.

#### **New Business**

- 1. Discounted water rate for low-income members** - Esther Springer-Johannesen is going to research this and reach out to other utilities within Shelton or similar demographics.
- 2. Water System Plan completion** – Don Bird will check with NWS and Department of Health about plan completion and if possible, to merge the RH2 report with the plan.

**Motion to adjourn to Closed Session**

- Motion made by Esther Springer-Johannesen to move into a closed session, seconded by Kelly Evans and carried with no nays, to discuss employee and legal matter.

**Motion to return to Open Session**

- Motion made by Esther Springer-Johannesen, seconded by Kelly Evans and carried with no nays, to move back into an open session.

**Note :** No motions were made in closed session.

**Motion to Adjourn**

- Motion made by Esther Springer-Johannesen, seconded by Kelly Evans and carried with no nays to adjourn the meeting.

**Motions for the board:**

- Motion made Kelly Evans, seconded by Esther Springer-Johannesen and carried with no nays to elect Anne Moen as water committee secretary
- Motion made by Kelly Evans, seconded by Esther Springer-Johannesen, and carried with no nays to approve the minutes of November 13<sup>th</sup> with the following corrections: Spelling of Dan Cossano's name and Guest Will Perlik div 04 lot 022.
- Motion made by Kelly Evans, seconded by Dan Cossano, and carried with no nays to accept the financial report as presented.

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**Motion to Adjourn**

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**Water Committee Meeting**  
**December 11, 2021 9:00 AM**  
**Location: LLCC Inn Crow's Nest and Online by Zoom**  
**Meeting ID: 635 641 3783**  
**Passcode: 44150**

**Call to Order**

**Committee Members:** Chair Don Bird, Treasurer and Interim Secretary Esther Springer-Johannesen and Members Brandon Koch, Kelly Evans, Dan Cossano and Anne Moen

**Board Members:**

**Staff:** Doug Carothers

**Guests:**

**Water Committee Secretary Election**

**Approval of Minutes**

**Comments from Any Guests**

**Additions to Agenda**

**Financial Report - Esther**

- 1) Water System Financial Report
- 2) Accounts Payable / Receivable update
- 3) CD and money market review
- 4) Change to Water Rate approved by Board – Don

**Motion to approve Financial Report**

**Water System Manager's Report**

- 1) Manager's report and consumption spreadsheet – Doug
- 2) Project status:
  - a. Well evaluation project
    - i. Well evaluation contractor site visit
    - ii. Well evaluation quote
    - iii. Motion to approve Well Evaluation quote for initial phase
  - b. Flow meter installation project
  - c. Water office improvements – Doug and Don
- 3) Badger meter issues

**Correspondence**

- 1)

**Motion regarding correspondence (if any)**

**Old Business**

- 1) UMS software upgrade status
- 2) NWS contract renegotiation status
- 3) Possibilities of loan or grant for Water System upgrades

**New Business**

- 1) Discounted water rate for low-income members
- 2) Water System Plan completion

**Announcements**

Next meeting: January 8, 2021

Location: LLCC Inn Crow's Nest and/or Zoom

**Motion to adjourn to closed session (if necessary)**

**Motion to return to open session**

**Motions from closed session**

**Adjourn**

**Lake Limerick Water Systems**  
**BUDGET TO ACTUAL**  
**Month Ended November 30, 2021**

Nov-21

Variance	Month Budget	Month Actual		Year to Date Actual	Year to Date Budget	Variance	2022 Budget	% of Budget
<b>Revenue</b>								
(22,975)	70,150	47,175	Gross Revenue Water	94,738	140,150	(45,412)	855,735	16.7%
0	0	0	Meter Insatallation	0	0	0	0.00	11.1%
9,685	-	9,685	Reserves	19,400	-	19,400	-	
<b>(13,290)</b>	<b>70,150</b>	<b>56,860</b>	<b>Total Revenue</b>	<b>114,138</b>	<b>140,150</b>	<b>(26,012)</b>	<b>855,735</b>	<b>13.3%</b>
<b>Operating Expenses</b>								
(430)	850	420	Fuel/Gas Expense	636	1,800	(1,164)	11,800.00	5.4%
(350)	350	0	Auto Repair & Maintenance	0	650	(650)	4,000.00	0.0%
(70)	70	0	Bank Service Charges_	64	150	(86)	900	7.1%
(784)	800	16	Computer and Internet Expenses	156	1,600	(1,444)	12,000	1.3%
0	0	0	Dues & Subscriptions	377	200	177	3,000	12.6%
(3)	290	287	401k	581	570	11	3,500	16.6%
0	0	0	New Hire Expense	0	0	0	800	
(208)	250	42	Education & Training	42	500	(458)	3,000	1.4%
(356)	13,310	12,954	Salaries & Wages	26,141	27,260	(1,119)	164,850	15.9%
(439)	1,560	1,121	Payroll Expenses	2,265	3,190	(925)	19,300	11.7%
(258)	260	2	Payroll Tax Expense	4	530	(526)	3,200	0.1%
(100)	100	0	Employee Expense other	-	200	(200)	1,200	0.0%
(750)	750	0	Legal Expenses	-	1,500	(1,500)	9,000	0.0%
(650)	650	0	Equipment Rental	425	1,300	(875)	7,800	5.5%
(1,790)	1,790	0	General Liability Expense	-	3,580	(3,580)	12,900	0.0%
(143)	1,150	1,007	Health Insurance	2,014	2,300	(286)	15,000	13.4%
0	0	0	Interest Expense	1,087	1,100	(13)	1,160	93.7%
(64)	300	236	License & Permits	236	500	(264)	3,000	7.9%
(60)	60	0	Meals and Entertainment	0	120	(120)	800	0.0%
(3)	630	627	Merchant Account Charges	1,328	1,170	158	7,500	17.7%
(20)	20	0	NSF Check Fees Returned Items	54	20	34	100	53.5%
(150)	150	0	Office Supplies	53	350	(297)	1,100	4.8%
2	60	62	Office Expense	133	60	73	2,700	4.9%
(671)	1,040	369	Postage and Delivery	790	2,080	(1,290)	5,200	15.2%
(12,000)	12,000	0	Professional Fees	1,202	24,000	(22,798)	145,500	0.8%
(4,706)	4,800	94	Repairs and Maintenance	94	9,600	(9,506)	58,000	0.2%
(139)	250	111	Small Tools and Equipment	182	500	(318)	3,200	5.7%
(278)	600	322	Supplies	1,285	1,200	85	7,500	17.1%
(535)	2,570	2,035	Taxes - Public Utility	4,632	5,195	(563)	32,845	14.1%
0	0	0	Telephone Expense	475	600	(125)	3,600	13.2%
(200)	200	0	Travel Expense	-	400	(400)	2,500	0.0%
(400)	400	0	Tree Felling	-	800	(800)	2,500	0.0%
113	50	163	Uniforms	163	150	13	1,000	16.3%
(1,956)	2,200	244	Utilities	1,965	4,400	(2,435)	26,400	7.4%
(354)	400	46	Water Testing	92	800	(708)	5,000	1.8%
<b>(27,753)</b>	<b>47,910</b>	<b>20,157</b>	<b>Total Operating Expenses</b>	<b>46,474</b>	<b>98,375</b>	<b>(51,901)</b>	<b>581,855</b>	<b>8.0%</b>
<b>14,463</b>	<b>22,240</b>	<b>36,703</b>	<b>Operating Income (Loss)</b>	<b>67,664</b>	<b>41,775</b>	<b>25,889</b>	<b>273,880</b>	<b>24.7%</b>
(196)	200	4	Interest Income	23	400	(377)	2,400	1.0%
<b>14,267</b>	<b>22,440</b>	<b>36,707</b>	<b>Net Income (Loss)</b>	<b>67,687</b>	<b>42,175</b>	<b>25,512</b>	<b>276,280</b>	<b>24.5%</b>

LESS RESERVE 9685  
 NET 27022

LESS RESERVES 19400  
 WELL PAYMENT 18123  
 \$30,164

ACCOUNTANT ADVISED OF MISSING GENERAL LIABILITY AND TELEPHONE EXPENSE CORRECTION WILL BE POSTED ONCE RECEIVED.

CASH ACCOUNTS

November 2021

<u>WATER</u>	Location	Type	Name	Balance	Operating	Savings	Reserve
Heritage		Checking-8937	Water Operating	\$ 100,665.49	\$ 100,665.49		
		Money Market-8953	Water Mainline	\$ 79,960.16			\$ 79,960.16
		Money Market-8945	Well #6 Reserves	\$ 17,164.69			\$ 17,164.69
OCCU		Checking-0216S50	Water Committee	\$ 116,453.57	\$ 116,453.57		
		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
<i>Heritage Bank</i>	\$			197,790.34			
<i>OCCU</i>	\$			218,662.85			
<b>Total Water</b>				<b>\$ 1,101,290.33</b>	<b>\$ 217,119.06</b>	<b>\$ 102,209.28</b>	<b>\$ 781,961.99</b>



**EDWARD JONES INVESTMENTS**

November-21

WATER		841-11177-1-9		November-21		WATER		841-20044-1-1	
Cert of Deposit	\$ 10,000.00	4/20/2021	Goldman Sachs	3.30%	11/29/2021	\$ 10,000	\$ 201.62	Yes	\$ 10,000
Cert of Deposit	\$ 27,000.00	9/9/2021	Goldman Sachs	3.15%	12/27/2021	\$ 27,000	\$ 253.98	Yes	\$ 27,000
Cert of Deposit	\$ 6,000.00	9/7/2021	Capital One Bank	2.25%	12/29/2021	\$ 6,000	\$ 41.79	Yes	\$ 6,000
Cert of Deposit	\$ 10,000.00	5/11/2021	Wells Fargo	1.75%	12/30/2021	\$ 10,000	\$ 111.71	Yes	\$ 10,000
Cert of Deposit	\$ 33,000.00	9/14/2021	Citi bank Sioux Falls	3.10%	1/10/2022	\$ 33,000	\$ 330.72	Yes	\$ 33,000
Cert of Deposit	\$ 10,000.00	11/4/2021	Morgan Stanley	1.75%	1/10/2022	\$ 10,000	\$ 32.12	Yes	\$ 10,000
Cert of Deposit	\$ 25,000.00	8/18/2021	Wells Fargo Bank	2.25%	1/20/2022	\$ 25,000	\$ 238.87	Yes	\$ 25,000
Cert of Deposit	\$ 40,000.00	10/14/2021	Wells Fargo Bank	2.35%	1/26/2022	\$ 40,000	\$ 267.84	Yes	\$ 40,000
Cert of Deposit	\$ 6,000.00	10/5/2021	Morgan Stanley	2.65%	2/22/2022	\$ 6,000	\$ 60.99	Yes	\$ 6,000
Cert of Deposit	\$ 10,000.00	9/9/2021	Goldman Sachs	2.75%	2/28/2022	\$ 10,000	\$ 129.59	Yes	\$ 10,000
Cert of Deposit	\$ 5,000.00	11/4/2021	Bank India	0.10%	3/2/2022	\$ 5,000	\$ 1.62	Yes	\$ 5,000
Cert of Deposit	\$ 12,000.00	9/9/2021	Goldman Sachs	2.25%	3/4/2022	\$ 12,000	\$ 130.19	Yes	\$ 12,000
Cert of Deposit	\$ 35,000.00	10/14/2021	State Bank of India	2.35%	3/14/2022	\$ 35,000	\$ 340.27	Yes	\$ 35,000
Cert of Deposit	\$ 19,000.00	11/4/2021	State Bank of India	0.10%	3/30/2022	\$ 19,000	\$ 7.60	Yes	\$ 19,000
Cert of Deposit	\$ 10,000.00	9/16/2021	Goldman Sachs	2.60%	4/18/2022	\$ 10,000	\$ 152.44	Yes	\$ 10,000
Cert of Deposit	\$ 10,000.00	10/28/2021	American Express Centurion	2.35%	5/10/2022	\$ 10,000	\$ 124.90	Yes	\$ 10,000
Cert of Deposit	\$ 12,000.00	10/14/2021	American Express Bank	2.40%	5/17/2022	\$ 12,000	\$ 169.64	Yes	\$ 12,000
Cert of Deposit	\$ 46,000.00	11/2/2021	Goldman Sachs	2.40%	5/17/2022	\$ 46,000	\$ 592.83	Yes	\$ 46,000
Money Market	\$ 146,282.16		Edward Jones	0.01%				Yes	
	\$ 472,282.16								

Cert of Deposit	\$ 11,000.00	9/9/2021	Discover Bank	2.10%	12/7/2021	\$ 11,000	\$ 56.33	Yes	\$ 11,000
Cert of Deposit	\$ 29,000.00	8/16/2021	Citi bank Sioux Falls	3.10%	1/10/2022	\$ 29,000	\$ 362.06	Yes	\$ 29,000
Cert of Deposit	\$ 19,000.00	9/9/2021	Ally Bk Sandy Utah	3.00%	1/4/2022	\$ 19,000	\$ 182.71	Yes	\$ 19,000
Cert of Deposit	\$ 15,000.00	8/12/2021	Wells Fargo Bk Sioux Falls	2.85%	2/14/2022	\$ 15,000	\$ 217.85	Yes	\$ 15,000
Cert of Deposit	\$ 10,000.00	10/5/2021	Wells Fargo Bk NA	2.50%	2/28/2022	\$ 10,000	\$ 100.00	Yes	\$ 10,000
Cert of Deposit	\$ 8,000.00	10/1/2021	Goldman Sachs	2.80%	3/7/2022	\$ 8,000	\$ 96.35	Yes	\$ 8,000
Cert of Deposit	\$ 50,000.00	9/1/2021	Morgan Stanley	2.75%	3/22/2022	\$ 50,000	\$ 760.96	Yes	\$ 50,000
Cert of Deposit	\$ 14,981.01	4/28/2021	Newburyport Five Cent Svcs	0.05%	3/18/2022	\$ 14,981	\$ 6.65	Yes	\$ 14,981
Cert of Deposit	\$ 28,000.00	8/12/2021	Wells Fargo Bk Sioux Falls	2.75%	3/28/2022	\$ 28,000	\$ 480.99	Yes	\$ 28,000
Cert of Deposit	\$ 10,000.00	9/9/2021	Wells Fargo Bk Sioux Falls	2.40%	3/29/2022	\$ 10,000	\$ 132.16	Yes	\$ 10,000
Cert of Deposit	\$ 10,000.00	9/16/2021	Goldman Sachs Bk	2.60%	4/18/2022	\$ 10,000	\$ 152.44	Yes	\$ 10,000
Cert of Deposit	\$ 20,000.00	9/14/2021	Goldman Sachs Bk	2.40%	4/21/2022	\$ 20,000	\$ 288.00	Yes	\$ 20,000
Cash	\$ 73,766.07			0.01%				Yes	
	\$ 298,747.08								
						\$ 10,000	\$ 54,000		\$ 486,981

LAKE LIMERICK WATER SYSTEM  
 CUSTOMER AGED A/R REPORT  
 Aging as of 12/10/2021

	CURRENT	30 DAY	60 DAY	90+ DAY	BALANCE
Service WATER USE					
WATER USE	47769.50	9679.88	3722.97	13760.10	74932.45
Misc	.00	.00	.00	1741.00	1741.00
WATER USE Total	47769.50	9679.88	3722.97	15501.10	76673.45
Service WCR					
WCR	3665.50	811.00	414.75	1968.25	6859.50
WCR Total	3665.50	811.00	414.75	1968.25	6859.50
Service MLRR					
MLRR	6123.50	1380.55	701.75	3323.00	11528.80
MLRR Total	6123.50	1380.55	701.75	3323.00	11528.80
Service GENERAL					
Penalties	.00	.00	.00	557.39	557.39
Misc Chgs					
MISC - MTR	.00	.00	.00	18.00	18.00
MSC CHG TOTALS	.00	.00	.00	18.00	18.00
Adjustments					
ADJ	275.00	114.00	.00	71.00	460.00
CSF	.00	2.50	.00	2.50	5.00
RCK	35.00	.00	.00	.00	35.00
ADJUST TOTALS	310.00	116.50	.00	73.50	500.00
Overpayments	-6293.08	-2066.48	-1374.69	-5670.50	-15404.75
Unapplied	522.15	.00	.00	.00	522.15
GENERAL Total	-5460.93	-1949.98	-1374.69	-5021.61	-13807.21
Total	52097.57	9921.45	3464.78	15770.74	81254.54
Grand AR Total	52097.57	9921.45	3464.78	15770.74	81254.54

# of Accounts 1250 337 180 171 1255  
 \*\*\* Customer counts for the current-30-60-90+ aging periods reflect the number of customers with balances for that aging period. Because one customer may have balances in multiple aging periods, the sum of customer counts per aging period may not equal the total customer count.

Customer Count: 1454

TOTAL 21,441.24

The following options were chosen by the user to produce this report:

- Sort Report And Select By: Account
- Cycle : 1
- Account Status: All Accounts
- Service Type : All Classes
- Include Phone, SSN: Unchecked
- Total By Income Center: Checked
- Include Location# / Address: Unchecked
- Include Credit Balances in Customer Count: Checked



# Lake Limerick Water

## Manager's Report December 10<sup>th</sup>, 2021 (Referencing for November 2021)

November 13th, 2021

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

All Well sites **except for Well 3** are up and running appropriately. Well 3's antenna coms/coaxial cable and connections were broken due to wind and a cedar limb pulling it apart. We are getting related parts and it will be repaired in the next few business days.

SCADA is regularly monitored and operated throughout the 24 hour period.

### Well Conditions:

- + Well #1 is operating "normally."
- + Well #2 Offline
- + Wells #3A/3B are temporarily "offline."
- + Well #4 is operating "normally."
- + Well #5 is operating "normally."
- + Well #6 is currently working well, but reservoir values are not showing accurately and requires a lot of management and MTU alarms frequently go off.

### Water Usage:

4,040,000 gallons were pumped.  
3,872,300 gallons were metered and accounted for.  
167,700 gallons net loss  
4.2% Loss

### Customer Concerns/Locates:

LLWS had 15 regular locates.   
We occasionally explain water rate changes to members.  
Talk about a water user's meter

### Water Sampling:

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

### Other items:

Electrical safety repair was successfully done at Well 5.

WATER CONSUMPTION REPORT - 2021

WATER VOLUME ENTERING DISTRIBUTION SYSTEM

	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
1 A. Total Volume Produced													
Total Volume Produced Well #1	539,700	21,300	602,200	1,100,000	718,900	992,500	792,700	353,000	332,600	81,900	253,100	0	5,787,900
Total Volume Produced Well #2	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume Produced Well #3	373,000	716,500	339,300	204,400	1,162,100	1,447,900	1,778,000	1,575,800	1,157,600	130,300	52,800	0	8,937,700
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	1,533,800	220,900	5,400	0	10,941,200
Total Volume Produced Well #4	1,438,600	1,016,100	618,800	95,300	1,347,400	1,080,900	1,952,200	1,226,600	1,646,100	2,050,900	2,014,200	0	14,557,100
Total Volume Produced Well #5	796,000	784,500	1,384,600	1,330,400	25,200	0	1,244,000	2,931,900	858,800	106,800	2,300	0	9,484,500
Total Volume Produced Well #6	1,436,700	200,200	983,900	2,198,800	1,028,300	1,395,400	1,478,600	826,200	575,000	1,449,200	1,302,300	0	12,874,600
1 B. Total Water Purchased													
1. Total Water Produced All Sources:	5,063,500	3,677,800	5,198,200	5,828,000	6,833,600	9,597,600	8,274,700	6,103,900	4,040,000	3,630,100	0	0	62,563,000
<b>TOTAL VOLUME CONSUMED</b>													
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	6,141,841	5,898,788	3,864,671	3,457,716		58,465,484
2 C. Estimated Authorized Uses (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
Tank Level Difference					16,666	0	16,798			7,613	7,629		41,067
Other: Well flush		10,000			10,000								20,000
Distribution storage - Allowed	1,130,852	3,407,658	4,184,562	4,754,300	5,518,378	6,633,510	9,264,478	8,151,013	5,906,401	3,872,300	3,460,521	0	59,717,209
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	5,906,401	3,872,300	3,460,521	0	59,717,209
Total Volume DSL	499,412	270,142	131,038	443,900	309,622	200,090	333,122	123,687	197,499	167,700	169,579	0	2,845,791
Percent DSL	9.9%	7.3%	3.0%	8.5%	5.3%	2.9%	3.5%	1.5%	3.2%	4.2%	4.7%		
Year to Date Total DSL:	Compliance with Oregon Standards based on a 3 year average based on Next Years 3 year average based on 10.6% 11.9%												

Water Rights Data	Right (acft/yr)	% of total	Total	Acres-foot used	%Water right used	WR allocated (AFY)	WR allocated (%)	MFR (CJ) GPM
5566-A (G2-09049) AHA-974 S05 Well #1	117	16.2%	5,787,900	17.8	0.3%	17.8	0.3%	100
5587-A AHA-978 S02 Well #2	166	2.0%	8,937,700	0	0.0%	68.6	0.0%	200
5888-A (G2-08834) AHA-976 S03 Well #3A	84	12.0%	8,937,700	27.4	0.3%	27.4	0.3%	100
APP G2-29483 AHA-975 S06 Well #3B	254	36.3%	10,941,200	33.6	0.3%	33.6	0.3%	210
7012-A (G2-09889) AHA-973 S04 Well #4	79	1.1%	14,557,100	44.7	0.3%	44.7	0.3%	100
G2-27215 AHA-977 S07 Well #5*	152	15.0%	9,464,500	29.0	0.3%	29.0	0.3%	190
G2-27443 S08 Well #6*	160	13.8%	12,874,600	39.5	0.3%	39.5	0.3%	200
Total AFY without supplementals	700	107.1%	62,563,000	192.0	27.4%	158.4	22.6%	710
Total*	1,012							1,100

	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	525	155	305	0	12,740
Well #2	150	350	300	320	26	52	202	573	191	46	26	0	2,236
Well #3	2,686	4,562	2,326	2,227	6,562	7,900	9,665	7,140	6,716	1,580	1,061	0	52,435
Well #4	3,402	2,322	1,523	298	3,063	2,733	4,309	2,733	3,770	4,569	4,481	0	32,933
Well #5	3,179	3,040	5,088	4,781	98	13	2,006	4,859	1,455	205	26	0	24,750
Well #6	6,544	1,837	3,780	9,064	4,806	6,076	6,324	4,134	3,387	6,638	6,099	0	58,699
total:	17,905	13,053	14,831	18,752	15,887	18,305	23,798	20,017	16,054	13,193	11,998	0	183,793

	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	279	23	332	533	540	551	614	611	634	528	830	0	498
Well #2	0	0	0	0	0	0	0	0	0	0	0	0	0
Well #3	316	363	282	213	413	426	427	411	401	222	55	0	321
Well #4	423	438	452	440	439	439	453	449	437	449	449	0	432
Well #5	250	258	272	278	257	0	620	603	590	521	88	0	340
Well #6	220	109	260	243	214	230	234	200	189	218	214	0	210
total:	283	282	291	277	367	373	403	413	380	306	303	0	340

	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	0.942	1.814	2.062	1.332	1.801	1.292	0.578	0.525	0.155	0.305	0	12.740
Well #2	0.150	0.350	0.300	0.320	0.026	0.052	0.202	0.573	0.191	0.046	0.026	0	2.236
Well #3	2.686	4.562	2.326	2.227	6.562	7.900	9.665	7.140	6.716	1.580	1.061	0	52.435
Well #4	3.402	2.322	1.523	0.298	3.063	2.733	4.309	2.733	3.770	4.569	4.481	0	32.933
Well #5	3.179	3.040	5.088	4.781	98	13	2,006	4,859	1,455	205	26	0	24,750
Well #6	6.544	1.837	3.780	9.064	4.806	6.076	6.324	4.134	3.387	6.638	6.099	0	58.699
total:	17.905	13.053	14.831	18.752	15.887	18.305	23.798	20.017	16.054	13.193	11.998	0	183.793

AVG GALL/KWH combined = 340

Gallons Per KWH

Historical Data Updated March 7, 2019 per Water Use Efficiency Guide Book Third Edition (Jan. 2017)

700 aly  
325851  
##### gallons

	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	71,162,988	65,090,958	8.5%
2021	62,563,000	59,717,209	4.5%
2022	62,563,000	59,717,209	4.5%
2023	62,563,000	59,717,209	4.5%
2024	62,563,000	59,717,209	4.5%
2025	62,563,000	59,717,209	4.5%

per WSDOH Division of Environmental Health Office of Drinking Water Pub. DOH 331-375  
**Distribution System Leakage Notes: All Repaired 1, 4" AC, Clonakity, 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) Glanis Ct 4" 13, (2021) Dartmoore 4"**