

**LAKE LIMERICK COUNTRY CLUB -
WATER COMMITTEE MEETING**

Minutes of June 11, 2022, 8:30 am

Meeting Location: Online by Zoom for Committee & Community Members

Call to Order: Meeting called to order by Chairman Kelly Evans.

Members Attending: Chairman Kelly Evans, Secretary Anne Moen, Treasurer Don Bird, and Members Dan Cossano, and Bruce Bronson,

Invited Guests:

Board Members: John Ingemi, Pat Paradise, Tamra Ingwaldson and Esther Springer-Johannesen (Treasurer Support)

Employees Attending: Roger Milliman (CAM) & Chris McMullen (excused)

Guests: Dan Bussler 05-092 and Rob Koenig 03-152

Approval of Minutes:

- Don will send Anne the correct financial statement to be edited in May's meeting packet. Anne will ask the office to edit that packet once received.
- Reminder for the secretary to make sure and put ALL the motions at the bottom of the minutes.

**Motion made by Bruce Bronson, seconded by Dan Cossano, and carried with no nays to approve the minutes for May 14, 2022.*

Comments from Board members:

- John- Town Hall will be rescheduled for either July 20 or July 27th.
- Roger (CAM report)
 - **Capital Expense:** Both the HOA and Water Departments current budget status needs to be reviewed.
 - **Fire Hydrants:** Roger and Pat spoke with Jeff Snyder (Mason County Fire) while he was checking the standpipe at the lake for drawing water, if need be, for a fire. Jeff indicated to Roger and Pat that
 - Fire Trucks all have flow meters and watch those carefully when drawing water from hydrants
 -

- Central Mason Fire District 5 requested Lake Limerick send a letter authorizing their use LLCC fire hydrants to fight fires.
- The 1987 tender fire truck had major mechanical issues and has been replaced by another truck. Mason County now has two tender trucks.
- **Additional office space:** Attorney stated that after review of official documents, Lake Limerick does not need special permission to add a work trailer to their own property. Lake Limerick does still need to check with county on their requirements though. Norm is setting up a pre-permit meeting with Mason County. Bruce gave an additional idea about using a Drybox that may not need permits.
- **Audit:** Rick Thornbrue – CPA stated it is better to do both HOA and Water audits together vs. separate, Lake Limerick is under one tax Id number. Discussion was had about the difference between review and audit, who will do the audit and how the cost will be divided up.

Additions to Agenda: None

Financial Report:

- 1) **Water System Financial Report** - *See attached Budget to Actual for Month Ended May 2022*
 - Total net income for May 2022 is \$41,983 bringing our YTD Net income to \$216,256
 - Merchant charges will go up as more people use credit cards to pay their bills
 - Chris needed and was ok'd to purchase spare parts to have on hand.
- 2) **Accounts Payable / Receivable update –**
 - Approximately 120 accounts over 90 days late \$24,606. Esther will work with the office staff to get these accounts brought up to date. Discussion was had on how to lessen the data workload for the office so they can spend more time on account management. The Water Committee agreed we need data, but be able to restructure our asks to make it less tedious. Esther pointed out the importance of doing quarterly numbers. This helps us budget for yearly trends and still gives us information on what is happening financially in the department.
- 3) **Cash Accounts, CD & Money Market Review:** *See attached Water Cash Accounts for Month ended May 2022*
 - Total cash was \$2,397,535.13 which includes reserves of \$1,975,034.16. Don will double check on these numbers to make sure they are accurate or if the HOA numbers are included.
 - Heritage account is over 250,000.00, monies need to be moved to OCCU to be covered under FDIC.
 - Money markets have a slow growth rate currently.

- In the future may need to work closer with HOA and combine monies.
- Don is working with Scott Davis at Edward Jones to invest in additional CD's.

4) Possibilities of loan or grant for Water System upgrades-

- Bruce researched rural water community grants. There are many Federal Rural Grants that can help improve our water system structure significantly. Most of these grants are for non-profit organizations. Lake Limerick is non-profit in the State of Washington, but the IRS considers Lake Limerick a for profit organization. John will discuss with Roger the possibility of Water getting its own tax id to make it non-profit. Water also needs to check with Rick Thornbrue to see if he has guidance on the non-profit standing. Bruce will give Roger the local Federal Grant representatives contact information.

5) Ampstun Utility Billing System upgrade –

- **Meter reading updates –**
 - Currently we can not count on records report to give us accurate synchronized data for water pumped and consumption.
 - Chris updated “tampered” meters and will know how well it worked after this next water cycle.

**Motion made by Bruce Bronson, seconded by Anne Moen, and carried with no nays to approve the financials.*

Water System Manager's Report: Kelly Evans

- 1) Mangers Report & Consumption Spreadsheet –** See attached June 2022 Manager's report (referencing for May 2022 Data) & LLWS Spreadsheet(updated)
 - 4,173,900 gallons pumped
 - 4,022,739 gallons accounted for
 - 151,161 gallons net loss
 - 3.6% Loss
 - Except for Well #2 which is offline, all others operating “normally.
 - SCADA had one reset during the night, it has been running smoothly since. Not sure why the reset happened.
 - LLWS performed regularly scheduled water coliform sampling for the month of April and two sample were unsatisfactory, 12 repeat samples taken were satisfactory. A level two water assessment of the water system is now being conducted.
 - Meter reading will be done on the last working weekday of the month.

2) Project status:

1. **Flow meter installation:** Completed
2. **Backflow customer survey & testing:** In house backflow testing is currently being performed and should be done by the end of the month. They are also in the process of cleaning all the valve boxes in the system for accessibility.
 - John stated the office has received several complaints about homeowners shutting off their water for various reasons and their neighbor's backflow devices become inoperable. Discussion about educating homeowners that they are not turn off their water and why. They need to get ahold of the water department to properly shut the water off. In the past there was a card at the shut off stating as such. Water departments may start charging a fee for this service and repairing backflow devices that become inoperable. Kelly will work with Rhonda to compose a memo in the water bill to educate members.
3. **Water office improvements:** See Rodgers comments above in "Comments from Board Members".
4. **Water sample testing:** Both regularly performed water samples were satisfactory.

Correspondence: Email

- 1) Mandy Paradise (questions from BOD meeting May 21, 2022).
 - Kelly will address the questions at the June BOD meeting.
- 2) Pat Paradise (questions regarding fire flow & hydrant plans).
 - Kelly addressed the questions in an email. The summary is that Chris will work with Mason County Fire for hydrant flow as a next step (June 21 & 22nd with Wally) and then do a member survey. The immediate action is to unbag and paint according to fire's guidelines and appropriately tag hydrants. The committee and members all agreed that putting a plastic bag over the hydrants is not sufficient.
 - Pat would also like in writing that DOH is requiring one well offline to do the hydrant flow test. Don and Kelly will follow up with RH2 and DOH's requirements.

Unfinished Business:

- 1) **Water System Plan Completion** – RH2 would like to wait for the hydrant flow test to be complete before moving forward to complete the plan. Members would like to verify if that needs to be so, if not, let's not delay getting the plan completed. Don and Kelly will work with Lydia at NWS to confirm DOH's requirements for completing the water plan. Kelly requested all the committee members to review the draft plan, it can be found on Lake Limerick's website.

- 2) **Well #2 Repairs** – Bid came in for electrical work, but it was very low. Chris is asking for them to resubmit bid with more detail.
- 3) **Short- & long-range project plans** – Dan will review notes from the meeting we had in May and make sure individuals are following through on what tasks they committed to do.
- 4) **Hydrant unbagging, marking, using status** – Chris and Wally will be meeting with Mason County Fire June 21 & 22 to evaluate flow. See above - Pat Paradise correspondence question for more information
- 5) **Town Hall topic Water System** – Committee members agreed to hold the rescheduled meeting on July 27. In the meantime, we will meet with Mitch to have him help us create a deliver a thorough agenda that will help members understand how the water department works and answer their questions.

6/7) Review/addition of miscellaneous fees including collection costs- Esther will be working on how to incorporate late fees for both the water department and HOA fees. The committee also scheduled a budget meeting for the 23rd of June at 6:30 in the Crow's nest for committee members.

8) Future grant and/or loans update: See above under financials.

New Business:

- 1) **Committee Roles and Responsibilities** – On hold until next month
- 2) **2022-2023 Budget Approval Process** – Meeting scheduled June 23rd @ 6:30.
- 3) **Security Camera Proposal**- On hold until next month
- 4) **Potential Upcoming Study Sessions-** Meeting scheduled June 23rd @ 6:30.
- 5) **Emergency Notification** – Discussion about member emergency notification in case of a boil water order. Anne will check with Mason County EM to see if we can incorporate boil water information to their alert system.

Announcements:

Next meeting: July 9, 2022, 8:30

Location: Zoom for committee members and guests

Adjourn:

Motion made by Dan Cossano to adjourn the meeting, seconded by Bruce Bronson, and carried with no nays.

Committee Member Tasks

Kelly:

- Kelly will work with Rhonda to put a memo in the water bill to educate members of not turning off their own water.
- Kelly will address Mandy's questions at the June BOD meeting.
- Don and Kelly will follow up with RH2 and DOH's requirements for having a will offline while performing hydrant flow test.
- Don and Kelly will work with Lydia at NWS to confirm DOH's requirements for completing the water plan.

Bruce:

- Give Roger contact information for the Federal Grant Representative.

Don:

- To check on Cash Accounts totals. See if it has the HOA financials mixed in.
- Don and Kelly will follow up with RH2 and DOH's requirements for having a will offline while performing hydrant flow test.
- Don and Kelly will work with Lydia at NWS to confirm DOH's requirements for completing the water plan.

Anne:

- Anne will check with Mason County EM to see if we can incorporate boil water information to their alert system.

Motions for the Board

There are no motions for the board this month.

Lake Limerick Water Systems

BUDGET TO ACTUAL

Month Ended May 31, 2022

Variance	Month Budget	Month Actual		Year to Date Actual	Year to Date Budget	Variance	2022 Budget	% of Budget
			Revenue					66.7%
(15,642)	71,500	55,858	Gross Revenue Water	439,255	539,520	(100,265)	855,735	51.3%
1,650	0	1,650	Meter Insatallation	4,695	0	4,695	0.00	
11,000	-	11,000	Reserves	86,754	-	86,754	-	
-	-	-	Miscellaneous Income	13	-	13	-	
(250)	-	(250)	Refunds	(6,587)	-	(6,587)	-	
(3,242)	71,500	68,258	Total Revenue	524,130	539,520	(15,390)	855,735	61.3%
			Operating Expenses					
383	-	383	Bad Debt	383	-	383	-	
489	800	1,289	Fuel/Gas Expense	5,145	6,900	(1,755)	11,800.00	43.6%
(350)	350	0	Auto Repair & Maintenance	0	2,600	(2,600)	4,000.00	0.0%
(24)	70	47	Bank Service Charges_	487	600	3,200	900	54.1%
(910)	1,100	190	Computer and Internet Expenses	3,050	7,600	(4,550)	12,000	25.4%
0	0	0	Dues & Subscriptions	2,341	2,400	(59)	3,000	78.0%
(181)	280	99	401k	1,549	2,310	(761)	3,500	44.3%
0	0	0	New Hire Expense	11	800	(789)	800	1.4%
(105)	250	145	Education & Training	824	2,000	(1,176)	3,000	27.5%
(100)	100	0	Employee Expense other	0	800	(800)	1,200	0.0%
105	13,310	13,415	Salaries & Wages	159,179	109,690	49,489	164,850	96.6%
(331)	1,560	1,229	Payroll Expenses	15,109	12,830	2,279	19,300	78.3%
(256)	260	4	Payroll Tax Expense	109	2,130	(2,021)	3,200	3.4%
(650)	650	0	Equipment Rental	425	5,200	(4,775)	7,800	5.5%
132	680	812	General Liability Expense	9,087	7,960	1,127	12,900	70.4%
(823)	1,300	477	Health Insurance	5,377	9,800	(4,423)	15,000	35.9%
0	0	0	Interest Expense	1,087	1,160	(73)	1,160	93.7%
(750)	750	0	Legal Expenses	0	6,000	(6,000)	9,000	0.0%
(300)	300	0	License & Permits	1,815	2,000	(185)	3,000	60.5%
(60)	60	0	Meals and Entertainment	0	480	(480)	800	0.0%
192	600	792	Merchant Account Charges	5,907	4,870	1,037	7,500	78.8%
(20)	20	0	NSF Check Fees Returned Items	54	80	(27)	100	53.5%
(125)	170	45	Office Supplies	393	790	(397)	1,100	35.8%
(170)	170	0	Office Expense	287	700	(413)	2,700	10.6%
(1,040)	1,040	0	Postage and Delivery	790	4,160	(3,370)	5,200	15.2%
(11,315)	12,500	1,185	Professional Fees	20,037	96,500	(76,463)	145,500	13.8%
(4,900)	4,900	0	Repairs and Maintenance	27,998	38,600	(10,602)	58,000	48.3%
(400)	400	0	Tree Felling / Trimming	0	3,200	(3,200)	5,000	0.0%
255	250	505	Small Tools and Equipment	2,047	2,100	(53)	3,200	64.0%
837	650	1,487	Supplies	6,365	4,900	1,465	7,500	84.9%
66	2,620	2,686	Taxes - Public Utility	21,764	19,745	2,019	32,845	66.3%
(204)	300	96	Telephone Expense	1,623	2,400	(777)	3,600	45.1%
(200)	200	0	Travel Expense	6	1,600	(1,594)	2,500	0.3%
208	50	258	Uniforms	421	600	(179)	1,000	42.1%
(1,052)	2,200	1,148	Utilities	13,836	17,600	(3,764)	26,400	52.4%
(450)	450	0	Water Testing	514	3,350	(2,836)	5,000	10.3%
(22,049)	48,340	26,291	Total Operating Expenses	308,021	384,455	(76,434)	584,355	52.7%
18,807	23,160	41,967	Operating Income (Loss)	216,109	155,065	61,044	271,380	79.6%
(184)	200	16	Interest Income	147	1,600	(1,453)	2,400	6.1%
18,623	23,360	41,983	Net Income (Loss)	216,256	156,665	59,591	273,780	79.0%

CASH ACCOUNTS

May 2022

Location	Type	Name	Balance	Operating	Savings	Reserve
<u>WATER</u>						
Heritage	Checking-8937	Water Operating	\$ 243,410.37	\$ 243,410.37		
	Money Market-8953	Water Mainline	\$ 15,002.99			\$ 15,002.99
	Money Market-8945	Well #6 Reserves	\$ 15,001.18			\$ 15,001.18
OCCU	Checking-0216S50	Water Committee	\$ 76,680.91	\$ 76,680.91		
	Savings-0216S7	Water Committee	\$ 102,409.69		\$ 102,409.69	
Edward Jones #11177	various length investments	LLWS Mainline Reserve	\$ 585,620.86			\$ 585,620.86
Edward Jones #20044	various length investments	LLWS Capacity Reserve	\$ 323,119.99			\$ 323,119.99
Heritage Bank			\$ 273,414.54			
OCCU			\$ 179,090.60			
Edward Jones			\$ 1,945,029.99			
			<u>\$ 2,397,535.13</u>			
Total Water			<u>\$ 1,361,245.99</u>	<u>\$ 320,091.28</u>	<u>\$ 102,409.69</u>	<u>\$ 938,745.02</u>
TOTAL:			<u><u>\$ 2,397,535.13</u></u>	<u><u>\$ 320,091.28</u></u>	<u><u>\$ 102,409.69</u></u>	<u><u>\$ 1,975,034.16</u></u>
Upcoming Accounts Payable			\$22,271.36			

EDWARD JONES INVESTMENTS

May-22

<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>	2022
WATER	Cert of Deposit	\$ 30,000.00	3/8/2022	Mizrahi Tefahot Bk	0.25%	6/8/2022	\$ 30,000	\$ 18.90	yes	\$ 30,000
841-11177-1-9	Cert of Deposit	\$ 46,000.00	11/2/2021	Goldman Sachs	2.40%	6/20/2022	\$ 46,000	\$ 695.67	yes	\$ 46,000
Main Line	Cert of Deposit	\$ 50,000.00	11/29/2021	Bank of China	0.20%	5/31/2022	\$ 50,000	\$ 50.14	yes	\$ 50,000
	Cert of Deposit	\$ 35,000.00	3/18/2022	Newburyport Five Cent Svgs	0.40%	6/21/2022	\$ 35,000	\$ 36.44	yes	\$ 35,000
	Cert of Deposit	\$ 100,000.00	3/18/2022	Fall Riv Five Cents	0.30%	7/18/2022	\$ 100,000	\$ 100.27	yes	\$ 100,000
	Cert of Deposit	\$ 50,000.00	2/8/2022	State Bank India	0.25%	8/8/2022	\$ 50,000	\$ 61.99	yes	\$ 50,000
	Cert of Deposit	\$ 30,000.00	4/12/2022	Bank Hapoalim	0.90%	10/12/2022	\$ 30,000	\$ 135.37	yes	\$ 30,000
	Cert of Deposit	\$ 50,000.00	2/18/2022	Bank of China	0.45%	11/18/2022	\$ 50,000	\$ 168.29	yes	\$ 50,000
	Cert of Deposit	\$ 32,000.00	3/23/2022	Bank of China	0.70%	12/23/2022	\$ 32,000	\$ 168.77	yes	\$ 32,000
	Money Market	\$ 162,620.36		Edward Jones	0.01%				Yes	
		<u>\$ 585,620.36</u>								
WATER	Cert of Deposit	\$ 73,000.00	3/18/2022	Bank of India	0.30%	6/22/2022	\$ 73,000	\$ 57.60	Yes	\$ 73,000
841-20044-1-1	Cert of Deposit	\$ 73,000.00	3/18/2022	Bank Baroda New York	0.45%	9/19/2022	\$ 73,000	\$ 166.50	Yes	\$ 73,000
Well Reserve	Cert of Deposit	\$ 30,000.00	11/29/2021	Bank of China	0.20%	5/31/2022	\$ 30,000	\$ 30.08	Yes	\$ 30,000
	Cert of Deposit	\$ 40,000.00	3/10/2022	Bank of India	0.40%	9/9/2022	\$ 40,000	\$ 80.22	Yes	\$ 40,000
	Cert of Deposit	\$ 26,000.00	4/12/2022	Bank Hapoalim	0.90%	10/12/2022	\$ 26,000	\$ 117.32	Yes	\$ 26,000
	Cash	\$ 81,119.99		Edward Jones	0.01%				Yes	
		<u>\$ 323,119.99</u>								



Lake Limerick Water

Manager's Report June 7, 2022 (Referencing for May 2022)

June 7, 2022

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

All Well sites are up and running appropriately.

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 operating "normally"
- ✚ Well #4 is operating "normally."
- ✚ Well #5 is operating "normally."
- ✚ Well #6 is operating "normally."

Water Usage:

3,780,000 gallons were pumped.

4,022,734 gallons were metered and accounted for. (Further data analysis may be needed)

This is showing we sold more than we produced, I'm still working on this to find the "glitch"

Customer Inquiries/Locates:

LLWS had 6 regular locates and no Emergency locates

2 customer inquiries for a meter install

Water Sampling:

LLWS performed regularly scheduled water coliform sampling for the month of May and both samples were satisfactory

Other items:

We are soliciting electrical quotes to get well #2 back into service, I should have the numbers soon to report.

In house backflow assembly testing is underway and should be completed by the end of the month.

We are in the process of cleaning all of the valve boxes in the system for accessibility.

All of the "tamperers" we have been encountering during meter reading have been reprogrammed. This will save us time manually rereading a number of water meters. When we complete the reading cycle at the end of the month we will know if the reprogramming worked.

WATER CONSUMPTION REPORT - 2022

WATER VOLUME ENTERING DISTRIBUTION SYSTEM

1 A. Total Volume Produced	Jan.-22	Feb.-22	Mar.-22	Apr.-22	May-22	June-22	July-22	Aug.-22	Sept.-22	Oct.-22	Nov.-22	Dec.-22	Totals
Total Volume Produced Well #1	121,500	0	98,300	21,900	0								241,700
Total Volume Produced Well #2	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume Produced Well #3a	623,900	924,600	448,100	46,400	102,900								2,145,900
Total Volume Produced Well #3b	822,000	1,221,100	587,200	72,000	135,500								2,837,800
Total Volume Produced Well #4	1,520,400	1,285,400	1,410,800	1,975,100	2,090,000								8,281,700
Total Volume Produced Well #5	570,600	0	2,000	0	1,900								574,500
Total Volume Produced Well #6	0	61,700	1,344,700	1,446,900	1,843,600								4,696,900
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:	3,658,400	3,492,800	3,891,100	3,562,300	4,173,900	0	0	0	0	0	0	0	18,778,500

TOTAL VOLUME CONSUMED

2 A. Water Volume Metered (Billed and Unbilled)	3,334,678	3,260,076	3,569,965	3,426,827	4,020,839								17,612,385
2 C. Estimated Authorized Uses (may be billed or Unbilled)													0
Utility Flushing and Tank Cleaning			2,000		1,900								3,900
Firefighting and Training													0
Tank Level Difference													
Other: Well flush													
Distribution storage - Allowed													
2. Total Authorized Consumption	3,334,678	3,260,076	3,571,965	3,426,827	4,022,739	0	0	0	0	0	0	0	17,616,285

Total Volume DSL	323,722	232,724	319,135	135,473	151,161	0	0	0	0	0	0	0	1,162,215
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Percent DSL	8.8%	6.7%	8.2%	3.8%	3.6%								
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Year to Date Total DSL:	6.2%
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Compliance with leakage standard is based on a 3-year average from last three submitted years	12.4%
Next years 3 year average based on current data	6.5%

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%	241,700	0.7	0.6%	0.7	0.1%	100
5587-A AHA-978 S02 Well #2	166	0.0%	0	0.0	0.0%	16.2	2.3%	200
5888-A (G2-08834) AHA-976 S03 Well #3A	84	12.0%	2,145,900	6.6	7.8%	6.6	0.9%	100
APP G2-29483 AHA-975 S06 Well #3B	254	36.3%	2,837,800	8.7	3.4%		0.0%	210
7012-A (G2-09889) AHA-973 S04 Well #4	79	11.3%	8,281,700	25.4	32.2%	25.4	3.6%	100
G2-27215 AHA-977 S07 Well #5*	152	15.0%	574,500	1.8	1.2%		0.0%	190
G2-27443 S08 Well #6*	160	15.8%	4,696,900	14.4	9.0%		0.0%	200
Total AFY without supplementals	700	107.1%	18,778,500	57.6	8.2%	48.9	7.0%	710
Total*	1,012							1100

Electrical Usage in Kwh

		Jan.-22	Feb.-22	Mar.-22	Apr.-22	May-22	Jun-22	Jul-22	Aug.-22	Sept.-22	Oct.-22	Nov.-22	Dec.-22	Total
	Well #1	1,217	903	1,254	1,153	819								5,346
	Well #2	456	914	1001	813	872								4,056
	Well #3	4,276	5,817	3,471	1,261	1,624								16,449
	Well #4	4,000	3,462	3,706	4,894	4,648								20,710
	Well #5	1,399	427	435	409	787								3,457
	Well #6	1,103	1,174	6,163	6,776	7,683								22,899
	total:	12,451	12,697	16,030	15,306	16,433	0	0	0	0	0	0	0	72,917

Gallons Per KwH		Gal/KwH YTD
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Well #1	100	0	78	19	0							39
Well #2		0	0	0	0							0
Well #3	338	369	298		147							288
Well #4	380	371	381	404	450							397
Well #5	408	0	5	0	2							83
Well #6	0	53	218	214	240							145
total:	294	275	243	233	254						AVG Gal/KwH combined =	258

Historical Data				
2018	Q1	Q2	Q3	Q4
2019	Q1	Q2	Q3	Q4
2020	Q1	Q2	Q3	Q4
2021	Q1	Q2	Q3	Q4
2022	Q1	Q2	Q3	Q4
2023	Q1	Q2	Q3	Q4
2024	Q1	Q2	Q3	Q4
2025	Q1	Q2	Q3	Q4
2026	Q1	Q2	Q3	Q4
2027	Q1	Q2	Q3	Q4
2028	Q1	Q2	Q3	Q4
2029	Q1	Q2	Q3	Q4
2030	Q1	Q2	Q3	Q4

	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	66,707,700	63,814,600	4.3%
2022	18,778,500	17,616,285	6.2%
2023	18,778,500	17,616,285	6.2%
2024	18,778,500	17,616,285	6.2%
2025	18,778,500	17,616,285	6.2%

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Distribution System Leakage Notes 2022: