

**LAKE LIMERICK COUNTRY CLUB
WATER COMMITTEE MEETING**

Minutes of July 10th, 2021

Meeting Location: LLCC Inn Crow's Nest

Call to Order: The Meeting was held at the LLCC Inn Crow's Nest. The meeting was called to order at 9:03 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: Dean Dyson (via zoom)

Employees Attending: none

Contractors Attending: none

Guests Attending: none

Approval of Minutes:

A motion was made by Esther Springer-Johannesen, seconded by Kelly Evans, and passed with no nays to approve the minutes of June 12th 2021 as written.

Additions to Agenda: added under new business – water facilities office space improvements

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 income and expenditures 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. Revenue is up from last year due to this rate restructuring. Treasurer captured expenses to date on engineering costs for the Navy Trestle Renovations and the RH2 baseline water system survey. Navy Trestle engineering and survey costs have exceeded the initial budget established by the water committee.

A motion was made by Pat Paradise, seconded by Kelly Evans, and passed with no nays to increase funding for engineering and survey costs of Navy Trestle to an amount “not to exceed” \$20,000.00

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:** Water reserve study status is waiting on RH2 report to be issued. Water

Committee will schedule a special budget meeting upon receipt of RH2 report.

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 2.9% and a year to date loss of 6.0% 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 forwarded to RH2 for engineering programming review. 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. Water Manager will bring well 2 back online over the next 20 – 30 days.
- C) Fire Tender Filling stations status: Glenmorgan Court filling station has been installed. Estimated fill rate is 1,000gpm. Water department will work with local fire department to simulate tanker refill. 2nd fill station will be installed in the next couple of weeks.

2) **RH2 engineering project draft report and status – Doug and Don:** 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.

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

Correspondence: none

Old Business:

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

2) 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.

3) **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.

4) **Cross Connection Control Program:** Survey has been mailed out to all lot owners for completion and return.

New Business:

1) **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. No motion was made – further discussion to follow.

Commitments Review: None

Closed Session: none

Announcements:

1) Next meeting 9am Saturday August 14th, 2021 – location LLCC Crow’s Nest

Motions to recommend to the LLCC Board of Directors:

Motion to adjourn:

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

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

MOTIONS FOR BOARD:

Approval of Minutes:

A motion was made by Esther Springer-Johannesen, seconded by Kelly Evans, and passed with no nays to approve the minutes of June 12th 2021 as written.

Approval of engineering and survey funds for Navy Trestle design :

A motion was made by Pat Paradise, seconded by Kelly Evans, and passed with no nays to increase funding for engineering and survey services cost of Navy Trestle to an amount “not to exceed” \$20,000.00

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.

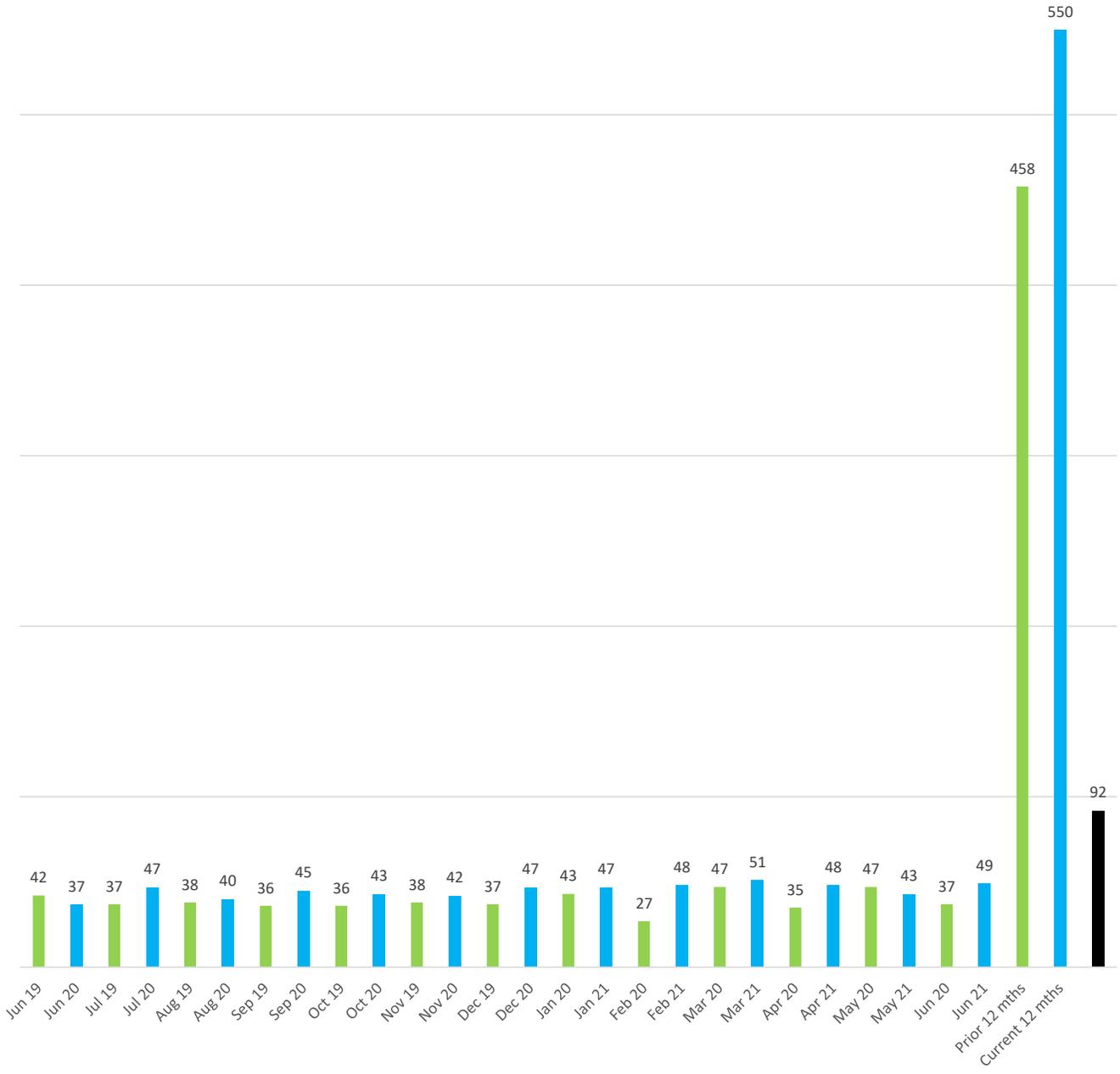
Lake Limerick Water Systems
BUDGET TO ACTUAL
Month Ended June 30, 2021

Variance	Month Budget	Month Actual		Year to Date Actual	Year to Date Budget	Variance	2021 Budget	% of Budget
			Revenue					75.0%
7,622	33,915	41,537	Gross Revenue Water	321,054	323,095	(2,041)	447,600	71.7%
-	-	-	Meter Installation	13,500	-	13,500	-	
<u>64</u>	<u>10,875</u>	<u>10,939</u>	Reserves	<u>98,347</u>	<u>97,875</u>	<u>472</u>	<u>130,500</u>	75.4%
7,686	44,790	52,476	Total Revenue	432,900	420,970	11,930	578,100	74.9%
			Operating Expenses					
612	590	1,202	Fuel/Gas Expense	7,457	5,550	1,907	7,500	99.4%
(340)	340	-	Auto Repair & Maintenance	-	2,980	(2,980)	4,000	0.0%
(14)	80	66	Bank Service Charges_	670	660	10	900	74.4%
(340)	420	80	Computer and Internet Expenses	1,278	3,740	(2,462)	5,000	25.6%
(31)	90	59	Dues & Subscriptions	2,153	730	1,423	1,000	215.3%
99	170	269	401k	1,077	1,490	(413)	2,000	53.8%
0	0	0	New Hire Expense	0	800	(800)	800	0.0%
0	0	0	Education & Training	554	2,000	(1,446)	3,000	18.5%
(699)	13,100	12,401	Salaries & Wages	116,262	117,700	(1,438)	157,000	74.1%
(113)	1,310	1,197	Payroll Expenses	11,020	11,770	(750)	15,700	70.2%
(216)	220	4	Payroll Tax Expense	29	1,980	(1,951)	2,650	1.1%
(1,000)	1,000	-	Tree Felling / Trimming	-	9,000	(9,000)	12,000	0.0%
(120)	120	-	Employee Expense other	-	1,040	(1,040)	1,400	0.0%
(909)	1,250	341	Legal Expenses	3,937	11,250	(7,313)	15,000	26.3%
(1,170)	1,170	-	Equipment Rental	-	10,490	(10,490)	14,000	0.0%
(1,205)	1,810	605	General Liability Expense	7,714	15,670	(7,956)	21,100	36.6%
(32)	1,170	1,138	Health Insurance	7,743	10,490	(2,747)	14,000	55.3%
-	-	-	Interest Expense	1,417	1,400	17	1,400	101.2%
(250)	250		License & Permits	1,641	2,250	(609)	3,000	54.7%
75	30	105	Meals and Entertainment	105	210	(105)	300	35.1%
208	450	658	Merchant Account Charges	5,393	4,220	1,173	5,800	93.0%
(10)	10	-	NSF Check Fees Returned Items	-	70	(70)	100	0.0%
54	40	94	Office Supplies	831	360	471	500	166.2%
32	60	92	Office Expense	778	520	258	700	111.1%
-	-	-	Postage and Delivery	4,037	3,300	737	5,500	73.4%
7,474	2,500	9,974	Professional Fees	74,896	22,500	52,396	30,000	249.7%
(2,800)	2,800	-	Repairs and Maintenance	20,103	25,200	(5,097)	33,700	59.7%
(3)	220	217	Small Tools and Equipment	2,201	1,980	221	2,650	83.1%
(416)	780	364	Supplies_	4,460	6,960	(2,500)	9,300	48.0%
420	1,670	2,090	Taxes - Public Utility	16,669	15,880	789	22,000	75.8%
67	210	277	Telephone Expense	2,598	1,870	728	2,500	103.9%
(250)	250	-	Travel Expense	-	2,250	(2,250)	3,000	0.0%
(90)	90	-	Uniforms	608	730	(122)	1,000	60.8%
(475)	2,070	1,595	Utilities v	16,933	19,440	(2,507)	27,000	62.7%
<u>531</u>	<u>340</u>	<u>871</u>	Water Testing	<u>2,248</u>	<u>2,980</u>	<u>(732)</u>	<u>4,000</u>	56.2%
(911)	34,610	33,699	Total Operating Expenses	314,814	319,460	(4,646)	429,500	73.3%
8,597	10,180	18,777	Operating Income (Loss)	118,086	101,510	16,576	148,600	79.5%
			Other Income					
163	-	163	Interest Income_	5,120	-	5,120	-	
163	-	163	Total Other Income	5,120	-	5,120	-	
8,760	10,180	18,940	Net Income (Loss)	123,206	101,510	21,696	148,600	82.9%
		(10,939)	Main Line and Well Capacity Reserves	(98,347)	(97,875)		(130,500)	
		<u>8,001</u>		<u>24,860</u>	<u>3,635</u>		<u>18,100</u>	
			Well #6 Loan Repayment	(18,123)	(18,100)		(18,100)	
				<u>6,737</u>	<u>(14,465)</u>		<u>-</u>	

June 2021

Type	Name	Balance	Operating	Savings	Reserve
Checking-8937	Water Operating	\$ 40,372.84	\$ 40,372.84		
Money Market-8953	Water Mainline	\$ 59,477.23			\$ 59,477.23
Money Market-8945	Well #6 Reserves	\$ 37,437.79			\$ 37,437.79
Checking-0216S50	Water Committee	\$ 76,604.26	\$ 76,604.26		
Savings-0216S7	Water Committee	\$ 102,307.34		\$ 102,307.34	
various length investments	LLWS Mainline Reserve	\$ 487,688.98			\$ 487,688.98
various length investments	LLWS Capacity Reserve	\$ 300,237.43			\$ 300,237.43
Total Water		\$ 1,104,125.87	\$ 116,977.10	\$ 102,307.34	\$ 884,841.43

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>
WATER																	
841-11177-1-9	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	0.05%	8/3/2021	\$ 15,999	\$ 1.49	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	\$ 10,145.82	6/14/2021	Citi bank Sioux Falls	3.00%	8/24/2021	\$ 10,146	\$ 59.21	yes			\$ 10,146					
	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	\$ 18,010.71	6/24/2021	Westfield BK Mass	0.10%	9/24/2021	\$ 18,011	\$ 4.54	yes				\$ 18,011				
	Cert of Deposit	\$ 20,172.88	6/3/2021	Ally Bk Sandy Utah	1.80%	10/12/2021	\$ 20,173	\$ 130.32	yes					\$ 20,173			
	Cert of Deposit	\$ 15,083.53	6/10/2021	Morgan Stanley	1.20%	10/18/2021	\$ 15,084	\$ 64.47	yes					\$ 15,084			
	Cert of Deposit	\$ 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	\$ 100,829.93		Edward Jones	0.01%				Yes								
		<u>\$ 487,688.98</u>															
WATER																	
841-20044-1-1	Cert of Deposit	\$ 20,198.66	5/4/2021	Goldman Sachs	2.05%	7/12/2021	\$ 20,199	\$ 78.28	Yes		\$ 20,199						
	Cert of Deposit	\$ 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	\$ 54,780.98	4/1/2021	Ally Bk Sandy Utah	3.00%	8/9/2021	\$ 54,781	\$ 585.33	Yes			\$ 54,781					
	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	\$ 14,125.71	6/24/2021	Goldman Sachs	1.85%	8/30/2021	\$ 14,126	\$ 47.97	Yes			\$ 14,126					
	Cert of Deposit	\$ 10,146.89	6/10/2021	Citi bank Sioux Falls	3.00%	9/21/2021	\$ 10,147	\$ 85.90	Yes				\$ 10,147				
	Cert of Deposit	\$ 8,046.71	5/6/2021	Bmw Bk NA Salt Lake	1.30%	9/30/2021	\$ 8,047	\$ 42.13	Yes				\$ 8,047				
	Cert of Deposit	\$ 25,127.44	4/1/2021	Pinnacle Bank Nashville	1.15%	10/21/2021	\$ 25,127	\$ 160.71	Yes					\$ 25,127			
	Cert of Deposit	\$ 30,000.00	3/10/2021	Third Fed Svgs & Loan	3.15%	10/22/2021	\$ 30,000	\$ 585.12	Yes					\$ 30,000			
	Cert of Deposit	\$ 14,981.01	4/28/2021	Newburyport Five Cent Svgs	0.05%	3/18/2022	\$ 14,981	\$ 6.65	Yes								\$ 14,981
	Cash	\$ 3,431.98			0.01%				Yes								
		<u>\$ 300,237.43</u>															
										\$ -	\$ 80,594	\$ 284,065	\$ 76,674	\$ 171,870	\$ 35,079	\$ 10,104	\$ 25,278



Lake Limerick Water

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

July 10th, 2021

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

The condition of the water system is generally good, with reliable water availability to the customers. While four leaks occurred after the hot weather, all known leaks are repaired.

Well #5 is still offline. Arcadia and I pulled the well pump and then sent a camera down for inspection. The well casing and screen appeared to be in outstanding condition. The well pump will be replaced on 7/14/21. Following the installation Platt Electric will be programming the VFD on 7/15/21.

We lost the booster pump for Well 1 two weeks ago. Thanks to the manufacture recognizing our emergency and putting our pump to the front of their production, we had the new pump installed about 60 hours after it failed. I drove to Oregon to pick the pump up so that we didn't have to wait for shipping. Also, I found it convenient to just sleep in my car – so LLWS only paid for a couple of meals and filled my car up once.

Well 6 - As our demand increases so do the Well 6 VFD faults. Every day/night I am adjusting the well flows every 2 – 3 hours to ease the demand on Well 6 which reduces the faults. Rest is getting difficult even though Mike is resetting the VFDs.

I will be bringing Well 2 online over the next 20 – 30 days. The goal is to have its water available for emergency flows. It will only come on automatically should the distribution water pressure drop to critical levels. We will also set it up to flush once a week to keep the manganese sedimentation flushed out. Before making this water available to the distribution system I will need to do both bacteria and nitrate tests – per state requirements.

We had 4 leaks after the hot weather two weekends ago. We were able to repair all four leaks within 24 hours of occurrence. The quick repairs with KCL kept our water loss numbers down. The leaks were caused because the asphalt/chip seal softened in the extra hot weather. Because our mains are only about 2 feet deep weak places on the mains were impacted.

The hot weather two weeks ago in conjunction with pump failures caused us to enact a “Stage 2” mandatory water conservation order. Our goal was to decrease usage by at least 20%. Enough of our members assisted in this effort that we exceeded that 20% goal.

The fire Tender Hydrant was installed on Glenmorgan. It is estimated that it flows @ 1000gpm. The well 1 Hydrant will be installed in the next couple of weeks.

RH2 had their VFD person come out on 7/2/21 to download information. I forwarded my recent correspondence to Don about getting the completed report.

SCADA is regularly monitored and operated everyday.

Well Conditions:

- ✚ Well #1 is operating “normally”. (Was offline for 2.5 days)
- ✚ 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:

6,833,600 gallons were pumped.
6,633,510 gallons were metered/accounted for.
200,090 gallons net loss
2.9% Loss

Customer Concerns:

LLWS had 13 regular locates.

Water Sampling:

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

Other items:

Esther, Rhonda, Shawna and I have scheduled a meeting for next week to organize accounting and tracking of capital/operational expenditures. Hopefully we can account for budgeted and other expenditures more accurately.

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	716,900	992,500							3,974,600
Total Volume Produced Well #2	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume Produced Well #3a	373,000	716,500	339,300	204,400	1,162,100	1,447,900							4,243,200
Total Volume Produced Well #3b	479,500	939,200	316,800	269,300	1,546,100	1,916,900							5,467,800
Total Volume Produced Well #4	1,438,600	1,016,100	688,800	95,300	1,347,400	1,080,900							5,667,100
Total Volume Produced Well #5	796,000	784,500	1,384,600	1,330,400	25,200	0							4,320,700
Total Volume Produced Well #6	1,436,700	200,200	983,900	2,198,800	1,028,300	1,395,400							7,243,300
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	5,828,200	6,833,600	0	0	0	0	0	0	30,916,700

TOTAL VOLUME CONSUMED

2 A. Water Volume Metered (Billed and Unbilled)	3,431,236	3,370,458	4,184,562	4,727,634	5,518,378	6,616,722							27,848,990
2 C. Estimated Authorized Uses (may be billed or unbilled)		24,200											24,200
Utility Flushing and Tank Cleaning	2,000	3,000											5,000
Firefighting and Training													0
Well Level Difference				16,666	0	16,788							33,454
Other: Well flush		10,000		10,000									20,000
Distribution storage - Allowed	1,130,852												1,130,852
2. Total Authorized Consumption	4,564,088	3,407,658	4,184,562	4,754,300	5,518,378	6,633,510	0	0	0	0	0	0	29,062,496

Total Volume DSL	499,412	270,142	131,038	443,900	309,622	200,090	0	0	0	0	0	0	1,854,204
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Percent DSL	9.9%	7.3%	3.0%	8.5%	5.3%	2.9%							
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Year to Date Total DSL:	6.0%	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 (Q)	GPM
	AFY (Qa)	% of total							
5566-A (G2-08049) AHA-974 S05 Well #1	117	16.7%	3,974,600	12.2	10.4%	12.2	1.7%	100	
5587-A AHA-978 S02 Well #2	166	23.7%	0	0.0	0.0%	35.5	5.1%	200	
5888-A (G2-08834) AHA-976 S03 Well #3A	84	12.0%	4,243,200	13.0	15.5%	13.0	1.9%	100	
APP G2-29483 AHA-975 S06 Well #3B	254	36.3%	5,467,800	16.8	6.6%		0.0%	210	
7012-A (G2-09889) AHA-973 S04 Well #4	79	11.3%	5,667,100	17.4	22.0%	17.4	2.5%	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%	7,243,300	22.2	13.9%		0.0%	200	
Total AFY without supplementals	700	130.8%	30,916,700	94.9	13.6%	78.1	11.2%	710	
Total*	1,012							1100	325851

700 afy
325851
228,095,700.00 gallons

Electrical Usage in Kwh

	Jan.-21	Feb.-21	Mar.-21	Apr.-21	May-21	Jun-21	Jul-21	Aug.-21	Sept.-21	Oct.-21	Nov.-21	Dec.-21	Total
Well #1	1,934	942	1,814	2,062	1,332	1,801							9,885
Well #2	150	350	300	320	26	52							1,198
Well #3	2,696	4,562	2,326	2,227	6,562	7,900							26,273
Well #4	3,402	2,322	1,523	298	3,063	2,469							13,071
Well #5	3,179	3,040	5,088	4,781	98	13							16,199
Well #6	6,544	1,837	3,780	9,064	4,806	6,076							32,107
total:	17,905	13,053	14,831	18,752	15,887	18,305	0	0	0	0	0	0	98,733

Gallons Per Kwh

	Gal/Kwh YTD														
Well #1	279	23	332	533	540	551								376	AVG
Well #2		0	0	0	0	0								0	AVG
Well #3	316	363	282	213	413	426								335	AVG
Well #4	423	438	452	320	440	439								419	AVG
Well #5	250	258	272	278	257	0								219	AVG
Well #6	220	109	260	243	214	230								213	AVG
total:	283	282	291	277	367	373								313	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	57,963,896	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	65,050,958	8.5%
2021	30,916,700	29,062,496	6.0%
2022	30,916,700	29,062,496	6.0%
2023	30,916,700	29,062,496	6.0%
2024	30,916,700	29,062,496	6.0%
2025	30,916,700	29,062,496	6.0%

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 Errigal 4" AC. 3. (2019) Angus Ct 4" AC. 4. (2019) 2224 St. Andrews 4" AC. 5. (2020) 170 Sleaford 47" AC. 6. (2020) 370 Penzance 4" AC. 7. (2020) 2340 St. Andrews 4" AC. 8. (2020) 201 Balmoral 4" AC. 9. (2021) Shamerock 4", 10. (2021) Angus Ct 4", 11. (2021) Dartmoore 4" 12. (2021) Glamis Ct 4"