

**LAKE LIMERICK COUNTRY CLUB
WATER COMMITTEE MEETING**

Minutes of April 10th, 2021

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 9:03 am by Chairman Don Bird.

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

Board of Directors Attending: Brian Smith

Employees Attending: Water Manager Doug Carothers

Contractors Attending: none

Guests Attending: none

Approval of Minutes:

A motion was made by Esther Springer-Johannesen, seconded by Phyllis Antonsen, and passed with no nays to approve the minutes of March 13th 2021 as written.

Additions to Agenda: A corrected water consumption report for February/March was amended into the March meeting minutes. (see attached water consumption report)

Comments from any Guests: none

RH2 Engineering Report Status:

1) RH2 engineering project draft report, meeting, and status – Doug and Don:
On Thursday, April 8th - LLCC CAM, LLCC Water Manager, and LLCC Water Committee Chairman met onsite with RH2 Engineering staff. A yet to be completed draft copy of their study report was reviewed and discussed. Input was received and comments taken in order to complete the draft report. Items discussed included water flow rate limitations in our water mains, hydrant flow testing findings, and water pump control strategies. The water committee will review and comment once the draft report has been completed.

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. (see attached for details)

2) **Accounts Payable/Receivable:** Treasurer Esther Springer-Johannesen
Accounts payable/receivable is tracking and there is no documented decline in revenue due to impacts of the Corona Virus. Water budget is tracking projections. Past due water accounts were discussed. Fuel costs and consultant costs are exceeding budgeted allocations. Budget overall is minus \$1,781.00 year to date from forecasted expenses.

- 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. Accounts are coming due and will be re-invested at best rates available.
- 4) **Reserve Study Status:** HOA reserve study draft is complete. Nothing new to report – final report pending review and comments.

Motion to Approve Financial Report:

A motion was made by Kelly Evans, seconded by Phyllis Antonsen, 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 – (report attached)

Consumption spreadsheet (attached): The calculated water loss for the month is 3% and the previous consumption report has been amended to indicate much lower than reported losses. All known water system leaks have been repaired. Water Manager updated leak repairs onto spreadsheet to document history of repairs.

2) **SCADA System:** Repairs have been made to correct repeat errors in the scada system.

3) **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. A few meters are reading with errors – Water Manger will investigate and repair/replace meter heads as needed.

4) **Office/Shop/Storage remodel status:** Water Manager reported that due to limited availability of in house labor resources, renovations to re-configure existing floor space are on hold until winter.

Correspondence:

1) **Forgivingness Letter:** none

Old Business:

1) **Navy railroad trestle seismic retrofit project:**

No update this month – negotiations are ongoing.

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.

3) **NWS 2021 contract negotiation:** No update

New Business:

- 1) **Budget Preparations:** Preparation of the 2021/2022 budget is due the end of May. Capital budget is due by 21st of August. It is time to start the process of creating the budget.

Commitments Review: None

Closed Session: none

Announcements:

- 1) Next meeting 9am Saturday May 8th, 2021 – location and format to be determined based on social distancing guidelines, in person or ZOOM online format.

Motions to recommend to the LLCC Board of Directors:

Motion to adjourn:

A motion to adjourn was made by Kelly Evans, seconded by Esther Springer-Johannesen , and passed with no nays as follows: To adjourn the meeting at 10:25am

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 Phyllis Antonsen, and passed with no nays to approve the minutes of March 13th 2021 as written.

Approval of Financial Report:

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

Lake Limerick Water Systems

BUDGET TO ACTUAL

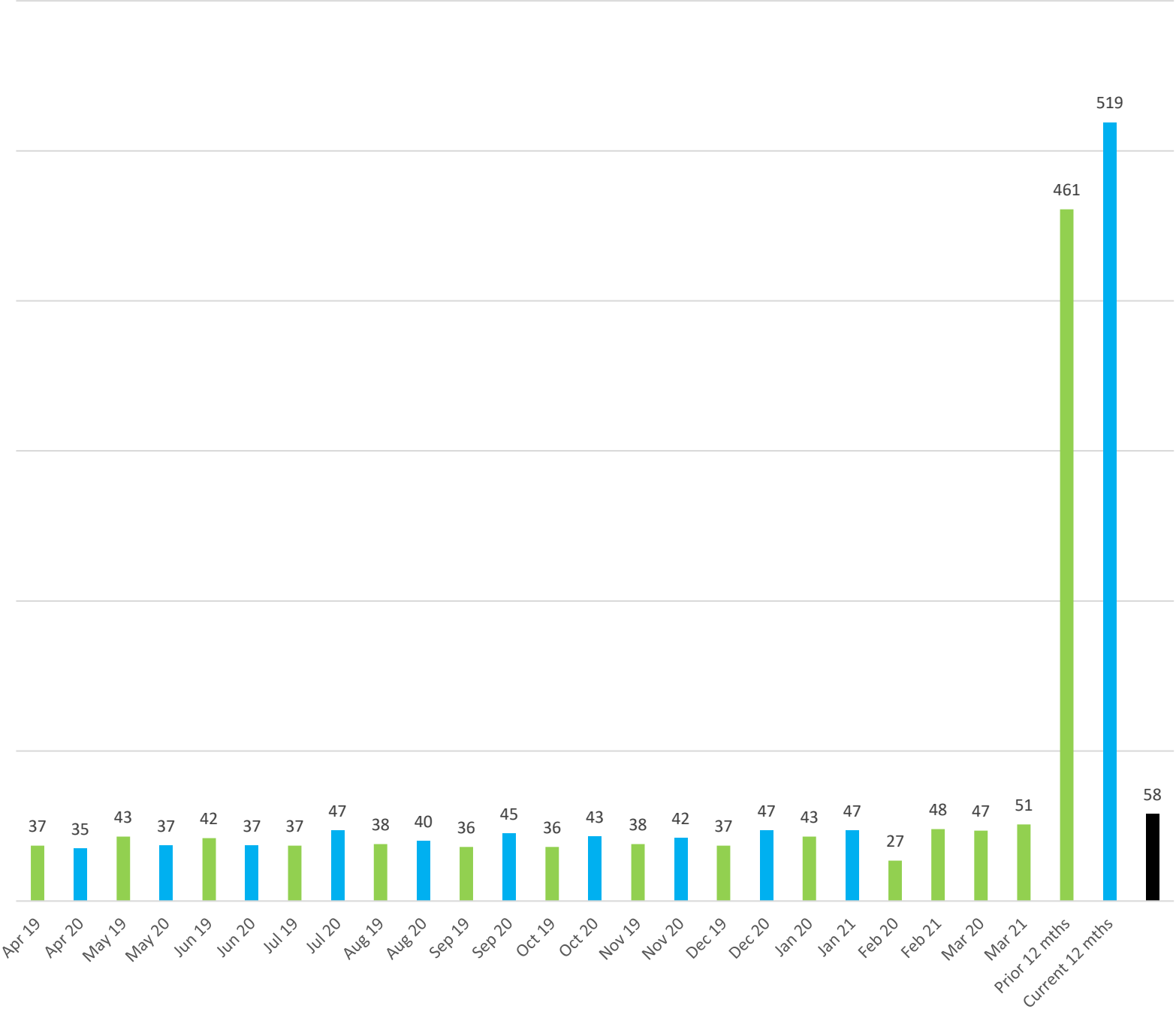
Month Ended Mar 3, 2021

Variance	Month Budget	Month Actual		Year to Date Actual	Year to Date Budget	Variance	2021 Budget	% of Budget
Revenue								
(6,331)	40,785	34,454	Gross Revenue Water	209,582	216,090	(6,508)	447,600	46.8%
0	0		Meter Insatallation	4,500	0	4,500	0.00	
(3)	10,875	10,872	Reserves	65,224	65,250	(26)	130,500	50.0%
(6,334)	51,660	45,326	Total Revenue	279,306	281,340	(2,034)	578,100	48.3%
Operating Expenses								
332	670	1,002	Fuel/Gas Expense	4,511	3,830	681	7,500.00	60.2%
(330)	330	0	Auto Repair & Maintenance		1,980	(1,980)	4,000.00	0.0%
(11)	70	59	Bank Service Charges_	458	410	48	900	50.9%
(331)	410	79	Computer and Internet Expenses	758	2,480	(1,722)	5,000	15.2%
28	80	108	Dues & Subscriptions	2,094	480	1,614	1,000	209.4%
(34)	160	126	401k	547	980	(433)	2,000	27.4%
0	0	0	New Hire Expense		800	(800)	800	0.0%
0	0	0	Education & Training	389	2,000	(1,611)	3,000	13.0%
5,102	13,100	18,202	Salaries & Wages	79,637	78,400	1,237	157,000	50.7%
393	1,310	1,703	Payroll Expenses	7,486	7,840	(354)	15,700	47.7%
(214)	220	6	Payroll Tax Expense	18	1,320	(1,302)	2,650	0.7%
(1,000)	1,000	0	Tree Felling / Trimming		6,000	(6,000)	12,000	0.0%
(110)	110	0	Employee Expense other		680	(680)	1,400	0.0%
(1,219)	1,250	31	Legal Expenses	3,596	7,500	(3,904)	15,000	24.0%
(1,160)	1,160	0	Equipment Rental		6,980	(6,980)	14,000	0.0%
(1,205)	1,810	605	General Liability Expense	5,899	10,240	(4,341)	21,100	28.0%
(591)	1,160	569	Health Insurance	3,454	6,980	(3,526)	14,000	24.7%
0	0	0	Interest Expense	1,417	1,400	17	1,400	101.2%
(250)	250	0	License & Permits	1,641	1,500	141	3,000	54.7%
(20)	20	0	Meals and Entertainment		120	(120)	300	0.0%
180	520	700	Merchant Account Charges	3,545	2,820	725	5,800	61.1%
(5)	5	0	NSF Check Fees Returned Items		40	(40)	100	0.0%
22	40	62	Office Supplies	569	240	329	500	113.8%
(1)	60	59	Office Expense	457	340	117	700	65.3%
1,009	0	1,009	Postage and Delivery	3,028	2,200	828	5,500	55.1%
19,899	2,500	22,399	Professional Fees	34,077	15,000	19,077	30,000	113.6%
7,808	2,800	10,608	Repairs and Maintenance	18,472	16,800	1,672	33,700	54.8%
(162)	220	58	Small Tools and Equipment	1,958	1,320	638	2,650	73.9%
(657)	770	113	Supplies	2,624	4,620	(1,996)	9,300	28.2%
(267)	2,000	1,733	Taxes - Public Utility	10,818	10,620	198	22,000	49.2%
267	210	477	Telephone Expense	1,800	1,240	560	2,500	72.0%
(250)	250	0	Travel Expense		1,500	(1,500)	3,000	0.0%
(80)	80	0	Uniforms	548	480	68	1,000	54.8%
(640)	2,550	1,910	Utilities	11,290	13,310	(2,020)	27,000	41.8%
(169)	330	161	Water Testing	460	1,980	(1,520)	4,000	11.5%
26,334	35,445	61,779	Total Operating Expenses	201,551	214,430	(12,879)	429,500	46.9%
(32,668)	16,215	(16,453)	Operating Income (Loss)	77,755	66,910	10,845	148,600	52.3%
10	-	10	Interest Income	3,811	-	3,811	-	
(32,658)	16,215	(16,443)	Net Income (Loss)	81,566	66,910	14,656	148,600	54.9%
		(10,872)	Main Line and Well Capacity Reserves	(65,224)	(65,250)		(130,500)	
		(27,315)		16,342	1,660		18,100	
			Well #6 Loan Repayment	(18,123)	(18,100)		(18,100)	
				(1,781)	(16,440)		-	

CASH ACCOUNTS**March 2021**

Location	Type	Name	Balance	Operating	Savings	Reserve
<u>WATER</u>						
Heritage	Checking-8937	Water Operating	\$ 52,346.12	\$ 52,346.12		
	Money Market-8953	Water Mainline	\$ 45,874.73			\$ 45,874.73
	Money Market-8945	Well #6 Reserves	\$ 29,276.81			\$ 29,276.81
OCCU	Checking-0216S50	Water Committee	\$ 76,576.14	\$ 76,576.14		
	Savings-0216S7	Water Committee	\$ 102,282.39		\$ 102,282.39	
Edward Jones #11177	various length investments	LLWS Mainline Reserve	\$ 486,609.92			\$ 486,609.92
Edward Jones #20044	various length investments	LLWS Capacity Reserve	\$ 300,094.25			\$ 300,094.25
Total Water			\$ 1,093,060.36	\$ 128,922.26	\$ 102,282.39	\$ 861,855.71

Water Cash Collected
\$ '000s



EDWARD JONES INVESTMENTS
31-Mar-21

Acct No.	Type	Value	Purchase date		Rate	Maturity Date	Maturity Value	Interest at Maturity	FDIC Insured	Mar	Apr	May	Jun	Aug	Oct	Nov
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	\$ 78,000.00	10/29/2020	Bank of China Ny	0.10%	4/29/2021	\$ 78,000	\$ 38.89	Yes		\$ 78,000					
	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		
	Cert of Deposit	\$ 89,005.63	11/17/2020	State Bank of India	0.10%	4/5/2021	\$ 89,006	\$ 33.90	Yes		\$ 89,006					
	Cert of Deposit	\$ 30,074.59	12/28/2020	Bank of China Ny	0.30%	5/21/2021	\$ 30,075	\$ 35.60	Yes			\$ 30,075				
	Cert of Deposit	\$ 24,345.61	2/2/2021	Goldman Sachs	2.95%	5/24/2021	\$ 24,346	\$ 218.41	yes			\$ 24,346				
	Cert of Deposit	\$ 10,117.06	2/17/2021	Ally Bk Sandy Utah	2.40%	5/10/2021	\$ 10,117	\$ 54.55	yes			\$ 10,117				
	Cert of Deposit	\$ 10,048.00	3/3/2021	Goldman Sachs	2.45%	6/7/2021	\$ 10,048	\$ 64.75	yes				\$ 10,048			
	Cert of Deposit	\$ 40,657.64	3/12/2021	Discover Bank CD	1.75%	10/26/2021	\$ 40,658	\$ 444.45	yes						\$ 40,658	
	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
	Money Market	\$ 14,417.30		Edward Jones	0.01%				Yes							
	In Transit	\$ 50,000.00														
		<u>\$ 486,609.92</u>														
WATER																
841-20044-1-1	Cert of Deposit	\$ 25,252.30	11/17/2020	State Bank of India	1.05%	3/30/2021	\$ 25,252	\$ 96.62	Yes	\$ 25,252						
	Cert of Deposit	\$ 37,893.39	10/22/2020	Morgan Stanley BK NA Salt	2.50%	6/7/2021	\$ 37,893	\$ 591.76	Yes				\$ 37,893			
	Cert of Deposit	\$ 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	\$ 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	\$ 25,279.13	1/28/2021	Trust Bank Charlotte NC	1.15%	4/20/2021	\$ 25,279	\$ 65.31	Yes		\$ 25,279					
	Cert of Deposit	\$ 8,085.19	2/16/2021	Capital One Bank	2.20%	5/3/2021	\$ 8,085	\$ 37.04	Yes			\$ 8,085				
	Cert of Deposit	\$ 10,117.16	3/25/2021	Goldman Sachs	2.45%	5/28/2021	\$ 10,117	\$ 43.46	Yes			\$ 10,117				
	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	\$ 30,000.00	3/10/2021	Third Fed Svgs & Loan	3.15%	10/22/2021	\$ 30,000	\$ 585.12	Yes						\$ 30,000	
	In Transit	\$ 50,000.00					\$ 50,000									
	Cash	\$ 24,413.37			0.01%				Yes							
		<u>\$ 300,094.45</u>								<u>\$ 65,660</u>	<u>\$ 192,285</u>	<u>\$ 103,013</u>	<u>\$ 58,040</u>	<u>\$ 133,457</u>	<u>\$ 70,658</u>	<u>\$ 24,762</u>



Lake Limerick Water

Manager's Report March 2021







April 10th, 2021

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

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

SCADA is regularly monitored and operated everyday. There are still some problem with PLC – SCADA comms. Don has been working on this.

Well Conditions:

-  Well #1 is operating “normally”.
-  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 currently working but reservoir values are not showing accurately.

Water Usage:

4,315,600 gallons were pumped.
4,184,562 gallons were metered/accounted for.
131,038 gallons net loss
3% Loss

Customer Concerns:

LLWS had 15 regular locates.

Water Sampling:

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

Other items:

Installed two new meters. One more will be installed next week.

We will be cleaning valve cans and testing valves next week.

We've worked with RH2 on their assessment drafts and had a meeting with their staff on Thursday.

Please note the corrected water loss values for the month of February.

WATER CONSUMPTION

WATER VOLUME ENTERING

1 A. Total Volume Produced	Jan.-21	Feb.-21	Mar.-21	Apr.-21
Total Volume Produced Well #1	539,700	21,300	602,200	
Total Volume Produced Well #2	0	0	0	0
Total Volume Produced Well #3a	373,000	716,500	339,300	
Total Volume Produced Well #3b	479,500	939,200	316,800	
Total Volume Produced Well #4	1,438,600	1,016,100	688,800	
Total Volume Produced Well #5	796,000	784,500	1,384,600	
Total Volume Produced Well #6	1,436,700	200,200	983,900	
1 B. Total Volume Purchased	n/a	n/a	n/a	n/a
1. Total Water Produced All Sources:	5,063,500	3,677,800	4,315,600	0

TOTAL VOLUME

2 A. Water Volume Metered (Billed and Unbilled)	3,431,236	3,370,458	4,184,562	
2 C. Estimated Authorized Uses (may be billed or Unbilled)		24,200		
Utility Flushing and Tank Cleaning	2,000	3,000		
Firefighting and Training				
Storm or Sewer Cleaning / Street Sweep				
Other: Well 1 flush		10,000		
Distribution storage - Allowed Well #6 OvF	1,130,852			
2. Total Authorized Consumption	4,564,088	3,407,658	4,184,562	0

Total Volume DSL	499,412	270,142	131,038	0
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Percent DSL	9.9%	7.3%	3.0%	
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Year to Date Total DSL:	6.9%	Compliance
		Next year

Water Rights Data	Right (acft/yr)		Total
	AFY (Qa)	% of total	
5566-A (G2-08049) AHA-974 S05 Well #1	117	16.7%	1,163,200
5587-A AHA-978 S02 Well #2	166	23.7%	0
5888-A (G2-08834) AHA-976 S03 Well #3A	84	12.0%	1,428,800
APP G2-29483 AHA-975 S06 Well #3B	254	36.3%	1,735,500
7012-A (G2-09889) AHA-973 S04 Well #4	79	11.3%	3,143,500
G2-27215 AHA-977 S07 Well #5*	152	15.0%	2,965,100
G2-27443 S08 Well #6*	160	15.8%	2,620,800
Total AFY without supplementals	700	130.8%	13,056,900
Total*	1,012		

Electrical Usage in

	Jan.-21	Feb.-21	Mar.-21	Apr.-21
Well #1	1,934	942	1,814	
Well #2	150	350	300	

Well #3	2,696	4,562	2,326	
Well #4	3,402	2,322	1,523	
Well #5	3,179	3,040	5,088	
Well #6	6,544	1,837	3,780	
total:	17,905	13,053	14,831	0

Gallons Per Kw

Well #1	279	23	332	
Well #2		0	0	
Well #3	316	363	282	
Well #4	423	438	452	
Well #5	250	258	272	
Well #6	220	109	260	
total:	283	282	291	

Historical Data

	Pumped	Sold	Loss
2010	69,790,309	66,840,300	4.2%
2011	60,958,882	56,483,665	7.3%
2012	57,963,886	54,775,298	5.5%
2013	56,859,553	54,275,297	4.5%
2014	62,649,611	60,973,228	2.7%
2015	66,109,416	61,749,171	6.6%
2016	66,784,811	62,157,037	6.9%
2017	64,963,044	62,010,322	4.5%
2018	67,149,235	64,162,480	4.4%
2019	79,119,500	61,189,708	22.7%
2020	71,162,988	65,090,958	8.5%
2021	13,056,900	12,156,308	6.9%
2022	13,056,900	12,156,308	6.9%
2023	13,056,900	12,156,308	6.9%
2024	13,056,900	12,156,308	6.9%
2025	13,056,900	12,156,308	6.9%

ON REPORT - 2021

DISTRIBUTION SYSTEM

[illegible]

E CONSUMED

[illegible][illegible]

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ance with leakage standard	10.6%
ars 3 year average based	11.9%

Acre-feet used	%Water right used	WR allocated (AFY)	WR allocated (%)	MIFR (Qi) GPM
3.6	3.1%	3.6	0.5%	100
0.0	0.0%	17.1	2.4%	200
4.4	5.2%	4.4	0.6%	100
5.3	2.1%		0.0%	210
9.6	12.2%	9.6	1.4%	100
9.1	6.0%		0.0%	190
8.0	5.0%		0.0%	200
40.1	5.7%	34.7	5.0%	710
				1100

KwH

[illegible]

								9,584
								7,247
								11,307
								12,161
0	0	0	0	0	0	0	0	45,789

H	Gal/KwH YTD
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								211
								0
								320
								438
								260
								196
AVG Gal/KwH combined =								285

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: 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.