

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

Minutes of May 14, 2022, 8:30 am

Meeting Location: Crow's Nest for Water Committee, Online by Zoom for Community Members

Call to Order: Meeting called to order by Chairman Don Bird.

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

Invited Guests: Acting Treasurer Esther Springer-Johannesen

Board Members: John Ingemi, Pat Paradise, Steve Saylor and Tamra Ingwaldson

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

Contractors Attending: None

Guests: Dan Bussler 05-092

Approval of Minutes:

**Motion made by Kelly Evans, seconded by Wallace Montz, and carried with no nays to approve the minutes for April 9, 2022.*

Comments from Board members:

- Rodger – Discussions about placing a 12x60 ft construction trailer in the maintenance yard for water employees and possibly other future employees is still being discussed with the attorney. It will then need to be discussed with Mason County. A construction trailer is in a different classification than camping or travel trailer, but clarification on zoning allowances for a “construction trailer” in the maintenance yard vs residential member lots is needed. Rodger will continue to work with the attorney on guidance.
- Steve-HOA and Water reserve studies need to be completed. Currently the HOA study is being worked on and the Water Department will be done next.

Additions to Agenda: None

Election of Officers:

- 1) **Chair** – Kelly (Kenneth L) Evans stepped up to take on the Chair position for the Water Committee. His priority is to continue providing safe drinking water to the community and do it as economically as possible

**Dan Cossano made the motion to nominate Kenneth L Evans as the next Chair for the Water Committee, seconded by Anne Moen and carried with no nays.*

- 3) **Cash Accounts:** *See attached Water Cash Accounts for Month ended April 2022*
 - Total cash was \$1,314,448.84 which includes reserves of \$938,480.99.

- 4) **CD and Money Market Review** – *See Attached Edward Jones Summary Month Ended April 2022*
 - The Edward Jones accounts have \$1,036,272.54 total. Esther emphasized again the importance of the new Treasurer meeting with herself and Scott Davis to move money.

- 5) **Possibilities of loan or grant for Water System upgrades-**
 - Bruce researched rural water community grants. At a quick glance there is a variety of grants that may help the Water Department in various areas (system, electric & technology). Bruce will make sure the grants are available for private water systems and give an update at June’s meeting.

- 6) **Ampstun Utility Billing System upgrade –**
 - Esther will follow-up with Ampstun to receive direction on setting up the interest to be collected on late accounts, policy goes into effect May 15th, 2022.
 - Don handed out the new Directors report that can be queried through the Ampstun program. It has the ability to produce water pumped & sold, breakdown of usage and receivables in one report.
 - A HUGE thank you to Esther for filling in at the office and assisting with billing while staff is on vacation.
 - **Meter reading updates –**
 - Meter readings are working correctly and calculating into the daily logs.

Motion made by Kelly Evans, seconded by Bruce Bronson, and carried with no nays to approve the financials.

Water System Manager’s Report: Chris McMullen & Don Bird

- 1) **Mangers Report & Consumption Spreadsheet** – See attached April 2022 Manager’s report (referencing for April 2022) & LLWS Spreadsheet
 - 3,562,300 gallons pumped
 - 3,426,827 gallons accounted for. (Further data analysis may be needed)
 - 135,473 gallons net loss
 - 3.8% 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 project:** Meters in and working correctly
2. **Backflow customer survey & testing:** Testing to be done in July of the approximately 100 assemblies. DOH stated that because of good record keeping being done, the approximately 700 other assemblies in the water system will not need to be annually. Chris will purchase equipment to perform the testing, doing the work in house will save the community approximately \$4100.00 a year!
3. **Water office improvements:** See Rodgers comments above in “Comments from Board Members”. Additionally, another option of installing a pony wall in the Crows Nest and having the office placed up there.
4. **Water hydrant testing:** Chris has a hydrant flow test is scheduled in conjunction with the Fire Department June 20-22. Chris will be the lead in this joint project. He will also touch base with the fire department to get in writing, the hydrant painting color codes that correspond with water flow.

3) Maintenance Status:

- In the process of getting a quote for cameras and security fencing
- Receiving a quote this week from Ram for repairing well#2
- Looking into the possibility of the greens crew helping with the maintenance of clearing backflow testing sites.
 - **Customer meter maintenance:** Leak repaired at 1341 Saint Andrews. Chris would like to install a specific connection point for new installations. He will present on this at our meeting next month.

- 4) **Water sample testing station proposal:** Chris proposed 12 dedicated sampling stations to reduce possible cross contamination (rodent harborage, debris, tampering, etc) at the homes samples are currently be taken at. Each station would cost approximately \$1200.00 to install. Esther confirmed there is enough funds to cover the cost of installing all 12 dedicated sites.

**Dan Cossano made a motion for Chris to move forward with installing 12 dedicated and secure routine water testing locations, not to exceed a budget of \$20,000.00, seconded by Kelly Evans, and carried with no nays.*

Correspondence: None.

Old Business:

- 1) **Water System Plan Completion** – Don, Kelly & Chris attended a Zoom call with RH2 and NWS on May 13. DOH now has a 10 year cycle for the water system plan. The committee decided to request the 10 year cycle, this reduces collecting additional data from the last two years. Lydia with RH2 will contact DOH with request and follow up with Don.

- 2) **Short- & long-range project plans** – Dan gave an overview from the meeting held on May 6. It prompted a lot of good conversations. Our top priority is to continue supplying safe drinking water to the community. *See attached minutes from the meeting.*
- 3) **Hydrant unbagging, marking, using status** – See above in Water System Manager’s Report
- 4) **Town Hall topic Water System** – Don handed out a draft agenda and topics. The committee will review and make recommendations for edits at an upcoming meeting to be set up by Kelly Evans. Meeting is anticipated to be by Zoom and include Mitch who will assist with efficient presentations at the Town Hall meeting May 25, 2022.
- 5) **Inventory** – Esther and Chris will be working on our current inventory. Esther will look into an inventory system that scans. There is a possibility that Asmptun may have a feature to help with this task.

New Business:

- 1) **Hydraulic analysis for hydrant flow and motion** – Don touched base with RH2 to inquire about a hydraulic analysis for our hydrants. If we supply an Auto Cad drawing with accurate hydrant placement they can do an analysis. DOH requires one well to be offline during the analysis, well #2 will not need to be operating for the analysis to be done. RH2 estimated the work will be aporx 16 – 20 hours (\$2500.00 - \$4500.00).

*Dan Cossano made a motion to move ahead with the hydraulic analysis for the fire hydrants. RH2 will do the analysis and not to exceed \$5000.00, seconded by Anne Moen, and carried with no nays.

Agenda Items for June’s Meeting

- Discuss various miscellaneous fees
- Flow meters
- Adding in collection fees
- Chris to give an overview of future project ideas
- Bruce will give an update on grants
- Esther to give an update on Ampstun late fee programming

Announcements:

Next meeting: June 11, 2022 8:30

Location: LLC Inn Crow’s Nest and Zoom for guests

Adjourn:

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

Lake Limerick Water Systems

BUDGET TO ACTUAL

Month Ended April 30, 2022

| Variance | Month Budget | Month Actual | | Year to Date Actual | Year to Date Budget | Variance | 2022 Budget | % of Budget |
|----------------|---------------|---------------|---------------------------------|---------------------|---------------------|-----------------|----------------|--------------|
| | | | Revenue | | | | | 58.3% |
| (16,075) | 70,900 | 54,825 | Gross Revenue Water | 383,397 | 468,020 | (84,623) | 855,735 | 44.8% |
| 3,045 | 0 | 3,045 | Meter Insatallation | 3,045 | 0 | 3,045 | 0.00 | |
| 11,055 | - | 11,055 | Reserves | 75,754 | - | 75,754 | - | |
| - | - | - | Miscellaneous Income | 13 | - | 13 | - | |
| - | - | - | Refunds | (6,337) | - | (6,337) | - | |
| (1,975) | 70,900 | 68,925 | Total Revenue | 455,872 | 468,020 | (12,148) | 855,735 | 53.3% |
| | | | Operating Expenses | | | | | |
| (640) | 1,100 | 460 | Fuel/Gas Expense | 3,856 | 6,100 | (2,244) | 11,800.00 | 32.7% |
| (300) | 300 | 0 | Auto Repair & Maintenance | 0 | 2,250 | (2,250) | 4,000.00 | 0.0% |
| (5) | 80 | 75 | Bank Service Charges_ | 441 | 530 | 3,200 | 900 | 49.0% |
| (1,100) | 1,100 | 0 | Computer and Internet Expenses | 2,860 | 6,500 | (3,640) | 12,000 | 23.8% |
| 16 | 0 | 16 | Dues & Subscriptions | 2,341 | 2,400 | (59) | 3,000 | 78.0% |
| (116) | 300 | 184 | 401k | 1,451 | 2,030 | (579) | 3,500 | 41.5% |
| 0 | 0 | 0 | New Hire Expense | 11 | 800 | (789) | 800 | 1.4% |
| (250) | 250 | 0 | Education & Training | 679 | 1,750 | (1,071) | 3,000 | 22.6% |
| (100) | 100 | 0 | Employee Expense other | 0 | 700 | (700) | 1,200 | 0.0% |
| 6,579 | 13,950 | 20,529 | Salaries & Wages | 145,764 | 96,380 | 49,384 | 164,850 | 88.4% |
| 425 | 1,630 | 2,055 | Payroll Expenses | 13,880 | 11,270 | 2,610 | 19,300 | 71.9% |
| 483 | 270 | 753 | Payroll Tax Expense | 105 | 1,870 | (1,765) | 3,200 | 3.3% |
| (650) | 650 | 0 | Equipment Rental | 425 | 4,550 | (4,125) | 7,800 | 5.5% |
| 944 | 680 | 1,624 | General Liability Expense | 8,275 | 7,280 | 995 | 12,900 | 64.2% |
| (823) | 1,300 | 477 | Health Insurance | 4,900 | 8,500 | (3,600) | 15,000 | 32.7% |
| 0 | 0 | 0 | Interest Expense | 1,087 | 1,160 | (73) | 1,160 | 93.7% |
| (750) | 750 | 0 | Legal Expenses | 0 | 5,250 | (5,250) | 9,000 | 0.0% |
| (200) | 200 | 0 | License & Permits | 1,815 | 1,700 | 115 | 3,000 | 60.5% |
| (60) | 60 | 0 | Meals and Entertainment | 0 | 420 | (420) | 800 | 0.0% |
| (650) | 650 | 0 | Merchant Account Charges | 5,115 | 4,270 | 845 | 7,500 | 68.2% |
| 0 | 0 | 0 | NSF Check Fees Returned Items | 54 | 60 | (7) | 100 | 53.5% |
| 0 | 0 | 0 | Office Supplies | 348 | 620 | (272) | 1,100 | 31.7% |
| (60) | 60 | 0 | Office Expense | 287 | 530 | (243) | 2,700 | 10.6% |
| 0 | 0 | 0 | Postage and Delivery | 790 | 3,120 | (2,330) | 5,200 | 15.2% |
| (8,162) | 12,000 | 3,838 | Professional Fees | 18,852 | 84,000 | (65,148) | 145,500 | 13.0% |
| 12,696 | 4,800 | 17,496 | Repairs and Maintenance | 27,998 | 33,700 | (5,702) | 58,000 | 48.3% |
| (400) | 400 | 0 | Tree Felling / Trimming | 0 | 2,800 | (2,800) | 5,000 | 0.0% |
| 24 | 300 | 324 | Small Tools and Equipment | 1,541 | 1,850 | (309) | 3,200 | 48.2% |
| (205) | 650 | 445 | Supplies | 4,578 | 4,250 | 328 | 7,500 | 61.0% |
| 291 | 2,480 | 2,771 | Taxes - Public Utility | 19,078 | 17,125 | 1,953 | 32,845 | 58.1% |
| (300) | 300 | 0 | Telephone Expense | 1,342 | 2,100 | (758) | 3,600 | 37.3% |
| (200) | 200 | 0 | Travel Expense | 6 | 1,400 | (1,394) | 2,500 | 0.3% |
| (100) | 100 | 0 | Uniforms | 163 | 550 | (387) | 1,000 | 16.3% |
| (237) | 2,200 | 1,963 | Utilities | 12,689 | 15,400 | (2,711) | 26,400 | 48.1% |
| (70) | 400 | 330 | Water Testing | 514 | 2,900 | (2,386) | 5,000 | 10.3% |
| 6,080 | 47,260 | 53,340 | Total Operating Expenses | 281,244 | 336,115 | (54,871) | 584,355 | 48.1% |
| (8,055) | 23,640 | 15,585 | Operating Income (Loss) | 174,627 | 131,905 | 42,722 | 271,380 | 64.4% |
| (182) | 200 | 18 | Interest Income | 131 | 1,400 | (1,269) | 2,400 | 5.5% |
| (8,237) | 23,840 | 15,603 | Net Income (Loss) | 174,758 | 133,305 | 41,453 | 273,780 | 63.8% |

CASH ACCOUNTS

April 2022

| Location | Type | Name | Balance | Operating | Savings | Reserve | |
|----------------------|----------------------------|-----------------------|--------------------|------------------------|----------------------|---------------------|----------------------|
| <u>WATER</u> | | | | | | | |
| Heritage | Checking-8937 | Water Operating | \$ 196,891.97 | \$ 196,891.97 | | | |
| | Money Market-8953 | Water Mainline | \$ 15,002.48 | | | \$ 15,002.48 | |
| | Money Market-8945 | Well #6 Reserves | \$ 15,000.67 | | | \$ 15,000.67 | |
| OCCU | Checking-0216S50 | Water Committee | \$ 102,401.27 | \$ 102,401.27 | | | |
| | Savings-0216S7 | Water Committee | \$ 76,674.61 | | \$ 76,674.61 | | |
| Edward Jones #11177 | various length investments | LLWS Mainline Reserve | \$ 585,357.85 | | | \$ 585,357.85 | |
| Edward Jones #20044 | various length investments | LLWS Capacity Reserve | \$ 323,119.99 | | | \$ 323,119.99 | |
| <i>Heritage Bank</i> | \$ | 226,895.12 | Total Water | \$ 1,314,448.84 | \$ 299,293.24 | \$ 76,674.61 | \$ 938,480.99 |
| <i>OCCU</i> | \$ | 179,075.88 | | | | | |
| <i>Edward Jones</i> | \$ | 908,477.84 | | | | | |
| | \$ | <u>1,314,448.84</u> | TOTAL: | \$ 1,314,448.84 | \$ 299,293.24 | \$ 76,674.61 | \$ 938,480.99 |

| | |
|----------------------------------|--------------------|
| Upcoming Accounts Payable | \$46,413.54 |
|----------------------------------|--------------------|

Director's Report

Billing Cycle: 1

LEAK ZONE: LIMERICK LEAK ZONE**USAGE PERIOD 04/08/2022 TO 05/07/2022**

| | Amount | Accounts |
|--------------------------------------|---------------|-----------------|
| Zone Meter: EID: 101076 SN: 29801123 | 1,404,300 | |
| Zone Meter: EID: 100208 SN: 1161672 | 0 | |
| Zone Meter: EID: 100212 SN: 8826948 | 41,500 | |
| Zone Meter: EID: 100203 SN: 18027656 | 21,900 | |
| Zone Meter: EID: 1002122 SN: 1152765 | 65,600 | |
| Zone Meter: EID: 101024 SN: 1152766 | 1,877,200 | |
| Zone Meter: EID: 1002102 SN: 1152764 | 0 | |
| Water Pumped This Period | 3,410,500 | |
| Water Sold This Period | 3,426,827 | |
| Water Loss Accounted For | 0 | |
| Water Loss -0.48 % | -16,327 | |

BILLING PERIOD 04/08/2022 TO 05/07/2022

| | | |
|-------------------------------|-------------|-------|
| Total WATER Sales This Period | \$53,408.00 | 1,222 |
| Total MSC Charges | \$15,492.00 | 1,383 |
| Total Late Charges | \$0.00 | 0 |
| Total Adjustments/Etc. | \$0.00 | 4 |
| Total Tax Or Fees | \$0.00 | 0 |
| Total Current Charges | \$68,900.00 | 1,447 |

BILLING PERIOD 04/08/2022 TO 05/07/2022

| | | |
|--|--------------|-------|
| Total Received On Account (Payments) | \$-67,363.64 | 1,008 |
| Net Change In Membership (Deposits) | \$0.00 | 0 |
| Total Membership (Deposits) As Of 05/07/2022 | \$0.00 | 0 |

TOTAL RECEIVABLES AS OF 05/07/2022

| | | |
|---------------------------------|--------------|-------|
| Disconnects This Period | \$0.00 | 0 |
| Credit Balance (Over Or Prepay) | \$-19,207.39 | 111 |
| Writeoff Or In Collections | \$0.00 | 0 |
| Inactive Or Finaled Accounts | \$-382.50 | 1 |
| Active Customer Accounts | \$89,121.62 | 1,451 |
| Total Receivables | \$88,739.12 | 1,452 |
| | | |
| Avg Usage This Period | 2,804 | 1,222 |
| Avg Water Charge This Period | \$43.71 | 1,222 |

LAKE LIMERICK WATER SYSTEM

Director's Report

Billing Cycle: 1

| Usage Group | Accounts | Usage | % Of Usage | % Of Sales |
|----------------|----------|-----------|------------|------------|
| Over 70000 | 0 | 0 | 0.00 % | 0.00 % |
| 60001-70000 | 0 | 0 | 0.00 % | 0.00 % |
| 50001-60000 | 1 | 57,569 | 1.68 % | 0.63 % |
| 40001-50000 | 1 | 40,317 | 1.18 % | 0.45 % |
| 30001-40000 | 1 | 37,621 | 1.10 % | 0.41 % |
| 20001-30000 | 5 | 114,460 | 3.34 % | 1.30 % |
| 15001-20000 | 2 | 39,686 | 1.16 % | 0.45 % |
| 10001-15000 | 10 | 119,732 | 3.49 % | 1.46 % |
| 8001-10000 | 12 | 106,665 | 3.11 % | 1.36 % |
| 6001-8000 | 58 | 398,135 | 11.62 % | 5.63 % |
| 4001-6000 | 183 | 884,865 | 25.82 % | 15.21 % |
| 2001-4000 | 416 | 1,212,120 | 35.37 % | 33.48 % |
| 1-2000 | 425 | 415,657 | 12.13 % | 33.53 % |
| Zero Usage | 108 | 0 | 0.00 % | 6.09 % |
| Negative Usage | 0 | 0 | 0.00 % | 0.00 % |
| Totals | | 3,426,827 | | |

Director's Report
Billing Cycle: 1

LEAK ZONE: NONE

USAGE PERIOD 04/08/2022 TO 05/07/2022

| | Amount | Accounts |
|--------------------------|--------|----------|
| Water Pumped This Period | 0 | |
| Water Sold This Period | 0 | |
| Water Loss Accounted For | 0 | |
| Water Loss 0.00 % | 0 | |

BILLING PERIOD 04/08/2022 TO 05/07/2022

| | | |
|-------------------------------|--------|---|
| Total WATER Sales This Period | \$0.00 | 0 |
| Total MSC Charges | \$0.00 | 0 |
| Total Late Charges | \$0.00 | 0 |
| Total Adjustments/Etc. | \$0.00 | 0 |
| Total Tax Or Fees | \$0.00 | 0 |
| Total Current Charges | \$0.00 | 0 |

BILLING PERIOD 04/08/2022 TO 05/07/2022

| | | |
|--|--------|---|
| Total Received On Account (Payments) | \$0.00 | 0 |
| Net Change In Membership (Deposits) | \$0.00 | 0 |
| Total Membership (Deposits) As Of 05/07/2022 | \$0.00 | 0 |

TOTAL RECEIVABLES AS OF 05/07/2022

| | | |
|---------------------------------|--------|---|
| Disconnects This Period | \$0.00 | 0 |
| Credit Balance (Over Or Prepay) | \$0.00 | 0 |
| Writeoff Or In Collections | \$0.00 | 0 |
| Inactive Or Finaled Accounts | \$0.00 | 0 |
| Active Customer Accounts | \$0.00 | 0 |
| Total Receivables | \$0.00 | 0 |
| | | |
| Avg Usage This Period | 0 | 0 |
| Avg Water Charge This Period | \$0.00 | 0 |

| Usage Group | Accounts | Usage | % Of Usage | % Of Sales |
|----------------|----------|----------|------------|------------|
| Over 70000 | 0 | 0 | 0.00 % | 0.00 % |
| 60001-70000 | 0 | 0 | 0.00 % | 0.00 % |
| 50001-60000 | 0 | 0 | 0.00 % | 0.00 % |
| 40001-50000 | 0 | 0 | 0.00 % | 0.00 % |
| 30001-40000 | 0 | 0 | 0.00 % | 0.00 % |
| 20001-30000 | 0 | 0 | 0.00 % | 0.00 % |
| 15001-20000 | 0 | 0 | 0.00 % | 0.00 % |
| 10001-15000 | 0 | 0 | 0.00 % | 0.00 % |
| 8001-10000 | 0 | 0 | 0.00 % | 0.00 % |
| 6001-8000 | 0 | 0 | 0.00 % | 0.00 % |
| 4001-6000 | 0 | 0 | 0.00 % | 0.00 % |
| 2001-4000 | 0 | 0 | 0.00 % | 0.00 % |
| 1-2000 | 0 | 0 | 0.00 % | 0.00 % |
| Zero Usage | 0 | 0 | 0.00 % | 0.00 % |
| Negative Usage | 0 | 0 | 0.00 % | 0.00 % |
| Totals | | 0 | | |

EDWARD JONES INVESTMENTS

April-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> | <u>2022</u> |
|-----------------|-----------------|----------------------|----------------------|---------------------------|-------------|----------------------|-----------------------|-----------------------------|---------------------|-------------------|
| HOA | Cert of Deposit | \$ 16,000.00 | 9/27/2021 | Goldman Sachs | 0.10% | 5/19/2022 | \$ 16,000 | \$ 10.26 | Yes | \$ 16,000 |
| 841-01533-1-9 | Cert of Deposit | \$ 100,000.00 | 4/1/2022 | Kearney Bank NJ | 0.40% | 7/1/2022 | \$ 100,000 | \$ 99.73 | Yes | \$ 100,000 |
| | Cert of Deposit | \$ 39,000.00 | 2/8/2022 | State Bank India | 0.25% | 8/8/2022 | \$ 39,000 | \$ 48.35 | Yes | \$ 39,000 |
| | Cert of Deposit | \$ 50,000.00 | 2/15/2022 | Bank of China | 0.30% | 8/18/2022 | \$ 50,000 | \$ 75.62 | Yes | \$ 50,000 |
| | Cert of Deposit | \$ 85,000.00 | 2/15/2022 | Bank of China | 0.30% | 8/18/2022 | \$ 85,000 | \$ 128.55 | Yes | \$ 85,000 |
| | Cert of Deposit | \$ 75,000.00 | 4/12/2022 | ank Hapoalim | 0.90% | 10/12/2022 | \$ 75,000 | \$ 338.42 | Yes | \$ 75,000 |
| | Cert of Deposit | \$ 97,000.00 | 1/19/2022 | Goldman Sachs | 0.35% | 10/19/2022 | \$ 97,000 | \$ 253.93 | Yes | \$ 97,000 |
| | Cert of Deposit | \$ 57,000.00 | 3/2/2022 | Bank of America | 0.55% | 12/2/2022 | \$ 57,000 | \$ 236.20 | Yes | \$ 57,000 |
| | Cash | \$ 104,479.09 | | Edward Jones | 0.01% | | | | Yes | |
| | | <u>\$ 623,479.09</u> | | | | | | | | <u>\$ 519,000</u> |
| HOA | Cert of Deposit | \$ 100,000.00 | 12/23/2021 | State Bk India | 0.20% | 6/23/2022 | \$ 100,000 | \$ 99.73 | Yes | \$ 100,000 |
| 841-20043-1-2 | Cert of Deposit | \$ 50,000.00 | 4/1/2022 | State Bk India | 0.40% | 7/5/2022 | \$ 50,000 | \$ 52.05 | Yes | \$ 50,000 |
| | Cert of Deposit | \$ 50,000.00 | 4/1/2022 | State Bk India | 0.80% | 10/4/2022 | \$ 50,000 | \$ 203.84 | Yes | \$ 50,000 |
| | Cert of Deposit | \$ 162,000.00 | 1/19/2022 | Goldman Sachs | 0.35% | 10/19/2022 | \$ 162,000 | \$ 424.08 | Yes | \$ 162,000 |
| | Cash | \$ 50,793.45 | | State Street Bank & Trust | 0.01% | | | | Yes | |
| | | <u>\$ 412,793.45</u> | | | | | | | | <u>\$ 362,000</u> |



Lake Limerick Water

Manager's Report May 13, 2022 (Referencing for April 2022)

May 13, 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:

3,562,300 gallons were pumped.

3,426,827 gallons were metered and accounted for. (Further data analysis may be needed)

135,473 gallons net loss

3.8% Loss

Customer Inquiries/Locates:

LLWS had 14 regular locates and 1 Emergency locate

1 customer inquiry for a meter install

Water Sampling:

LLWS performed regularly scheduled water coliform sampling for the month of April and two (2) samples were unsatisfactory,

Twelve (12) repeat water samples were taken and all were satisfactory.

Other items:

We are conducting a level two assessment of the water system.

Water Sample stations-approximately 1200 per station for the sample station and parts.

Hydrant flowing testing equipment arrived and flow testing is scheduled for June 20th-22nd in conjunction with the Fire Department, we may need to do more testing depending on the results.

BFA Testing – Testing is due in July. Regina Grimm with DOH said we can continue to test approximately 100 assemblies that have a high degree of hazard rather than the approximately 700 total assemblies in the water system since we are keeping good records of the Cross Connections/Hazards.

Contracting out testing (Historically Backflo Pro's) vs staff testing- with a BAT on staff at the water system now the community can save approximately "\$3200" this year after a one time purchase of approximately \$1000 for testing equipment, and a savings of "4100" a year annually thereafter.

On May 7th a Water Committee Planning Meeting was held to discuss short and long term projects.

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 | | | | | | | | | 4,527 |
| Well #2 | 456 | 914 | 1,001 | 813 | | | | | | | | | 3,184 |
| Well #3 | 4,276 | 5,817 | 3,471 | 1,261 | | | | | | | | | 14,825 |
| Well #4 | 4,000 | 3,462 | 3,706 | 4,894 | | | | | | | | | 16,062 |
| Well #5 | 1,399 | 427 | 435 | 409 | | | | | | | | | 2,670 |
| Well #6 | 1,103 | 1,174 | 6,163 | 6,776 | | | | | | | | | 15,216 |
| total: | 12,451 | 12,697 | 16,030 | 15,306 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 56,484 |

Gallons Per 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 | Gal/Kwh YTD |
|---------------|---------|---------|---------|---------|--------|--------|--------|---------|----------|---------|---------|---------|-----------------------------------|
| Well #1 | 100 | 0 | 78 | 19 | | | | | | | | | 49 |
| Well #2 | | 0 | 0 | 0 | | | | | | | | | 0 |
| Well #3 | 338 | 369 | 298 | | | | | | | | | | 335 |
| Well #4 | 380 | 371 | 381 | 404 | | | | | | | | | 384 |
| Well #5 | 408 | 0 | 5 | 0 | | | | | | | | | 103 |
| Well #6 | 0 | 0 | 218 | 214 | | | | | | | | | 108 |
| total: | 294 | 270 | 243 | 233 | | | | | | | | | |
| | | | | | | | | | | | | | AVG Gal/Kwh combined = 257 |

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 | 66,707,700 | 63,814,600 | 4.3% |
| 2022 | 14,542,900 | 13,595,446 | 6.5% |
| 2023 | 14,542,900 | 13,595,446 | 6.5% |
| 2024 | 14,542,900 | 13,595,446 | 6.5% |
| 2025 | 14,542,900 | 13,595,446 | 6.5% |

Updated March 7, 2019 per Water Use Efficiency Guide Book Third Edition (Jan. 2017) per WSDOH Division of Environmental Health Office of Drinking Water Pub. DOH 331-375

Distribution System Leakage Notes 2022:

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

Minutes of May 7, 2022 9:00 – 12:00 pm

Meeting Location: Inn / Zoom

Call to Order: Meeting was called to order by Chairman Don Bird at 9:00am

Members Attending: Chairman Don Bird, Secretary Anne Moen, Kelly Evans, Dan Cossano and Wallace Montz

Employees Attending: Chris McMullen

Guests: Dan Pat Paradise, & Esther Springer-Johannesen

Purpose: To discuss and review the water committee plan ideas into short and long term time frames.

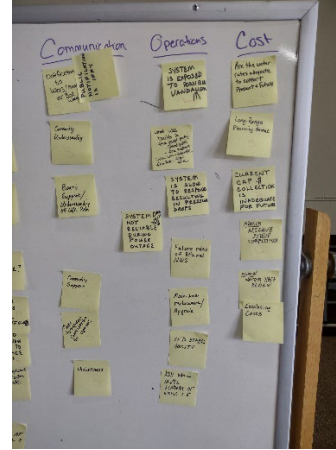
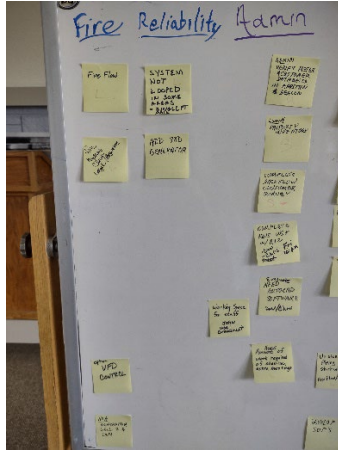
Process: Attendees took 15 minutes to write down their priorities for the committee to address and plan for. These items were then placed on a white board, broken down into categories and divided into short, medium and long term goals. “Like” stickies were combined.

When looking at the topics the group kept in mind the main focus of the committee – *supply safe potable water for the community members.*

When looking at the topics, the group decided on topics for the upcoming Town Hall in May, and making sure we will have a well rounded group of categories to address. The group realizes the importance of keeping the community informed.

Chris was a great asset to the meeting, as he was able to bring up items and guide the group as to the importance of some of the items needing focus sooner rather than later. Along with efficiency of the order.

The group is in agreement that future workgroup meetings are needed and there are a variety of projects that need addressing and forward progress. To do this extra meetings beyond a monthly meeting is needed.



| TOPIC | | |
|--|--|---|
| *= Ongoing | | |
| Short Term | Medium | Long Term |
| Long Range Planning Format | System is slow to respond – Resulting in Pressure Drop | System Exposed to Vandalism / Possible Terrorism |
| Public Notification is Iffy | Future Roles of RH2 & NWS | Main Line Replacement / Upgrade |
| Notification to Users/Members (ex: Boil Water) | Add Well Level Sensors at 1 – 5 | *Are the water rates adequate to support present and future needs |
| Divisiveness | VFD Bypass Ability | Reserve Study Completion |
| Clear Transparent Communication to Members | System Not Reliable During Power Outages | Current Cap \$ Collection is Inadequate for Future |
| Community Support / Understanding | *Water Rate Review / Escalating Costs | Board Support / Understanding of Water Committee Role |
| Dedicated Water Sample Stations | Water Rights Not Being Used / Followed | Generator Well 2 and Inn repair / replace |
| Slow Scada | Parts are Obsolete | Guidance / How do we know when to replace pipes |
| Restore Well #2 to Service | | Pipe Replacement / aging system upgrades |
| Fence Tank at Well #3 | Chlorination | Upsize piping start with 4"? Fire Flow / Water quality |

| TOPIC | | |
|---|--|--|
| *= Ongoing | | |
| Short Term | Medium | Long Term |
| Property Inventory | How much water (gpm) is actually available in the entire system? | Generator/Backup Power |
| Complete Backflow Consumer Survey | Replace Service Truck | Add / Evaluate Filtration to Well #2 |
| Complete NWS Plan with RH2 (Chris has meeting set) | Develop SOPs | Address the large amount of work required to chair committee including extra meetings. |
| Need AutoCAD Software (Don & Chris working on) | Verify Meter & Customer Databases in Ampstun & Beacon | System no looped in some areas, single point fail. |
| | Working Space for Staff (John proposing Crowsnest) | Add 3 rd Generator |
| | VFD Control | Fire Flow |
| | | Fire Hydrant legal/regulations |