

**LAKE LIMERICK COUNTRY CLUB
WATER COMMITTEE MEETING**

**Minutes of April 13th, 2019
Meeting Location LLCC Inn Lounge**

The Meeting was called to order at 9:10 am by Chairman Don Bird.

MEMBERS ATTENDING: Chairman Don Bird, Secretary Pat Paradise, Treasurer Phyllis Antonsen, and members Mark Franklin, and Norm Bartoo. Brandon Koch attended remotely via conference call.

Board of Directors Attending: Norm Bartoo
Employees Attending: None
Contractors Attending: None
Guests Attending: Esther Johannesen and Dean Dyson

Approval of Minutes:

A motion was made by Mark Franklin, seconded by Pat Paradise and passed with no nays as follows: To approve the Minutes of March 9th, 2019 as written.

Financial Report:

- 1) Water System Financial Report: A financial report was provided including profit and loss statement and an aged accounts receivable report. QuickBooks spreadsheet items and calculations are still being updated to better reflect budget. QuickBooks was recently upgraded and LLCC personnel are now inputting and running reports. Don and Phyllis will meet with front office to review QuickBooks generated categories and reporting. Expense and income are tracking budget.
- 2) Accounts Payable/Receivable update. Front office continues to make progress on collecting past due accounts. Accounts Receivable Aging report attached.
- 3) CD and money market review with some Cd's that come due - \$230K of Cd's were re-invested at 6 month intervals. Another rotation of mature Cd's will be re-invested in June.

A motion was made by Mark Franklin and seconded by Pat Paradise and passed with no nays to accept the financial report as presented.

Water Distribution Mangers Report:

- 1) Manager's report: The report was reviewed. There was nothing to add as the report was very detailed (see attached report April 1st 2019). Mason County, Lake Limerick, and Insurance Company have reached agreement on 3rd party contract language to begin Mason Lake Road repairs.

- 2) Consumption spreadsheet: There was a reported 5.6% water loss for the month with year to date loss at 6.1%. Valves are continuing to get exercised and documented. A few valves will require replacement, Joe will solicit bids for valve replacement.
- 3) Well #3 VFDs and new hydropneumatics pressure tank status: This is addressed in the manager's report. Installation is complete. A service outage will be required to install additional isolation valves at the well site.
- 4) Status of power issues at Wells 3 and 5: There are some operational issues resulting from the three phase power provided by PUD. PUD has been logging 3 phase electricity with the logging devices removed April 1st. PUD will study logged 3 phase information and develop solutions.
- 5) New Scada system status: Vendor is complete with original scope of work and closing out punch list items. UPS devices are being purchased and installed by water manager.

Action List: The action list is up to date. Items needing action is line item 5 Complete CCD testing – this item will be discussed and requirements clarified at an upcoming meeting with NW Water.

Correspondence: None

Old Business:

- 1) Security improvements for LLWS: Well head protection cameras and magnetic door contacts purchased toward securing four well sites. Joe has begun installation and will be installed along with weatherization of pump buildings.
- 2) Proposal from Payment Service Network for water and dues payment was accepted by the Lake Limerick Board of Directors. The payment services agreement will make online payments easier for members and substantially reduce bookkeeping time in the LLCC office.
- 3) Policy review for delinquent accounts: Water Committee members and LLCC front office are working together to develop plans for collection of past due water accounts. Items discussed for possible legal action include filing of liens, how to deal with repeat offenders, loss of water service, and possible foreclosure. This has been an ongoing problem – front office is doing an exemplary job of collecting past due water accounts.

New Business:

- 1) Water System Plan Update for 2020: Existing LLCC Department of Health Water Service Plan will expire in July 2020. Updated Plan required by July 2nd 2020 will be developed and submitted by July 2020.

2) Water rate analysis: Information was shared on the new Port of Allyn's water rate structure. Port of Allyn proposes to raise rates over the next 5 years from existing \$23.00 per month to \$60.00 per month.

Announcements:

- 1) The committee recognized and thanked Mark Franklin for his many years of service on the water committee.
- 2) Next meeting 9am Saturday May 11th Lake Limerick Clubhouse (crows nest)

Motion to adjourn:

A motion was made by Mark Franklin, seconded by Norm Bartoo and passed with no nays as follows: To adjourn the meeting at 10:47 AM..

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

MOTIONS FOR THE BOARD

Approval of Minutes:

A motion was made by Mark Franklin, seconded by Pat Paradise and passed with no nays as follows: To approve the Minutes of March 9th, 2019 as written.

Approval of Financial Report:

A motion was made by Mark Franklin, seconded by Pat Paradise and passed with no nays as follows: To approve the financial report of March 9th 2019 as presented.

Lake Limerick Water Systems
Profit & Loss Budget Performance
March 2019

| Ordinary Income/Expense | Mar 19 | Budget | \$ Over Budget | % of Budget | Oct '18 - Mar 19 | YTD Budget | \$ Over Budget | % of Budget | Annual Budget |
|---------------------------------|-----------|-----------|----------------|-------------|------------------|------------|----------------|-------------|---------------|
| Income | | | | | | | | | |
| 4999 - Uncategorized Income | 0.00 | 10,000.00 | -10,000.00 | 0.0% | 0.00 | 60,000.00 | -60,000.00 | 0.0% | 120,000.00 |
| Gross Revenue Water | 30,070.12 | 23,500.00 | 6,570.12 | 127.96% | 218,227.48 | 141,000.00 | 77,227.48 | 154.77% | 282,000.00 |
| Water Metered | 0.00 | 4,000.00 | -4,000.00 | 0.0% | 0.00 | 24,000.00 | -24,000.00 | 0.0% | 48,000.00 |
| Water Non Metered | 0.00 | | | | -27.00 | | | | |
| Gross Revenue Water - Other | | | | | | | | | |
| Total Gross Revenue Water | 30,070.12 | 27,500.00 | 2,570.12 | 109.36% | 218,200.48 | 165,000.00 | 53,200.48 | 132.24% | 330,000.00 |
| Total Income | 30,070.12 | 37,500.00 | -7,429.88 | 80.19% | 218,200.48 | 225,000.00 | -6,799.52 | 98.98% | 450,000.00 |
| Gross Profit | 30,070.12 | 37,500.00 | -7,429.88 | 80.19% | 218,200.48 | 225,000.00 | -6,799.52 | 96.98% | 450,000.00 |
| Expense | | | | | | | | | |
| Automobile Expense | | | | | | | | | |
| Automobile Repair & Maintenance | 0.00 | 0.00 | 0.00 | 0.0% | 5,324.39 | 0.00 | 5,324.39 | 100.0% | 0.00 |
| Fuel/gas Expense | 0.00 | 0.00 | 0.00 | 0.0% | 2,261.85 | 0.00 | 2,261.85 | 100.0% | 0.00 |
| Parts/Supplies Expense | 0.00 | 0.00 | 0.00 | 0.0% | 1,902.17 | 0.00 | 0.00 | 0.0% | 0.00 |
| Automobile Expense - Other | 0.00 | 0.00 | 0.00 | 0.0% | 0.00 | 0.00 | 0.00 | 0.0% | 0.00 |
| Total Automobile Expense | 0.00 | 0.00 | 0.00 | 0.0% | 9,488.41 | 0.00 | 9,488.41 | 100.0% | 0.00 |
| Bank Service Charges | 0.00 | 183.34 | -183.34 | 0.0% | 12.00 | 1,100.04 | -1,088.04 | 1.09% | 2,200.08 |
| Credit Card Service Charges | 240.67 | 400.00 | -159.33 | 60.17% | 557.34 | 2,400.00 | -1,842.66 | 23.22% | 4,800.00 |
| Depreciation | 0.00 | 0.00 | 0.00 | 0.0% | 0.00 | 0.00 | 0.00 | 0.0% | 0.00 |
| Dues & Subscriptions | 0.00 | 0.00 | 0.00 | 0.0% | 1,796.50 | 0.00 | 1,796.50 | 100.0% | 0.00 |
| Employee Expense | | | | | | | | | |
| Education of Employees | 0.00 | 250.00 | -250.00 | 0.0% | 1,372.31 | 1,500.00 | -127.69 | 91.49% | 3,000.00 |
| Employee Retirement | 0.00 | 0.00 | 0.00 | 0.0% | 0.00 | 0.00 | 0.00 | 0.0% | 0.00 |
| Health Insurances | 0.00 | 650.00 | -650.00 | 0.0% | 0.00 | 3,900.00 | -3,900.00 | 0.0% | 7,800.00 |
| Payroll Tax Expense | 0.00 | 1,166.67 | -1,166.67 | 0.0% | 0.00 | 7,000.02 | -7,000.02 | 0.0% | 14,000.04 |
| Salaries & Wages | 5,536.58 | 7,183.34 | -1,646.76 | 77.09% | 37,018.85 | 43,100.04 | -6,081.19 | 85.89% | 86,200.08 |
| Total Employee Expense | 5,536.58 | 9,250.01 | -3,713.43 | 59.86% | 38,351.16 | 55,500.06 | -17,108.90 | 69.17% | 111,000.12 |
| Equipment Rent | 152.44 | 0.00 | 152.44 | 100.0% | 0.00 | 0.00 | 152.44 | 100.0% | 0.00 |
| Finance Charge/Late Fees | 0.00 | 0.00 | 0.00 | 0.0% | 0.00 | 0.00 | 0.00 | 0.0% | 0.00 |
| Freight | 0.00 | 0.00 | 0.00 | 0.0% | 173.30 | 0.00 | 0.00 | 0.0% | 0.00 |
| Insurance | 1,276.48 | 1,000.00 | 276.48 | 127.65% | 4,328.43 | 6,000.00 | -1,671.57 | 72.16% | 12,000.00 |
| Interest Expense | 0.00 | 133.34 | -133.34 | 0.0% | 0.00 | 800.04 | -800.04 | 0.0% | 1,600.08 |
| License & Permits | 0.00 | 300.00 | -300.00 | 0.0% | 1,559.50 | 1,800.00 | -240.50 | 86.64% | 3,600.00 |
| Meals and Entertainment | 0.00 | 0.00 | 0.00 | 0.0% | 63.94 | 0.00 | 0.00 | 0.0% | 0.00 |
| NSF Check Fees Returned Items | 0.00 | 0.00 | 0.00 | 0.0% | 89.00 | 0.00 | 89.00 | 100.0% | 0.00 |
| Office Expense | | | | | | | | | |
| Computers & Electronics Expense | 0.00 | 416.67 | -416.67 | 0.0% | 461.37 | 2,500.02 | -2,038.65 | 18.46% | 5,000.04 |
| Office Equipment & Furniture | 0.00 | 0.00 | 0.00 | 0.0% | 0.00 | 0.00 | 0.00 | 0.0% | 0.00 |
| Office Expense - Other | 0.00 | 83.34 | -83.34 | 0.0% | 45.41 | 500.04 | -454.63 | 9.08% | 1,000.08 |
| Total Office Expense | 0.00 | 500.01 | -500.01 | 0.0% | 506.78 | 3,000.06 | -2,493.28 | 16.89% | 6,000.12 |
| Office Supplies | 0.00 | 0.00 | 0.00 | 0.0% | 210.41 | 0.00 | 210.41 | 100.0% | 0.00 |

Lake Limerick Water Systems
Profit & Loss Budget Performance
March 2019

| | Mar 19 | Budget | \$ Over Budget | % of Budget | Oct '18 - Mar 19 | YTD Budget | \$ Over Budget | % of Budget | Annual Budget |
|-------------------------------|-----------|-----------|----------------|-------------|------------------|------------|----------------|-------------|---------------|
| Postage | 0.00 | 375.00 | -375.00 | 0.0% | 2,176.11 | 2,250.00 | -73.89 | 96.72% | 4,500.00 |
| Professional Fees | 2,480.89 | | | | 2,480.89 | | | | |
| Professional Services | 0.00 | 4,166.67 | -4,166.67 | 0.0% | 14,291.07 | 25,000.02 | -10,708.95 | 57.16% | 50,000.04 |
| Reconciliation Discrepancies | 0.00 | | | | 44.18 | | | | |
| Refund/Credit | 100.00 | | | | 100.00 | | | | |
| Repairs & Maintenance | | | | | | | | | |
| Equipment | 0.00 | 1,296.58 | -1,296.58 | 0.0% | 0.00 | 1,296.58 | -1,296.58 | 0.0% | 1,296.58 |
| General | 0.00 | | | | 455.70 | | | | |
| Repairs & Maintenance - Other | 0.00 | 2,916.67 | -2,916.67 | 0.0% | 15,121.89 | 17,500.02 | -2,378.13 | 86.41% | 35,000.04 |
| Total Repairs & Maintenance | 0.00 | 4,213.25 | -4,213.25 | 0.0% | 15,577.59 | 18,796.60 | -3,219.01 | 82.88% | 36,296.62 |
| Repairs and Maintenance | 1,315.45 | | | | 1,473.24 | | | | |
| Service Contracts | 0.00 | 0.00 | 0.00 | 0.0% | 848.64 | 0.00 | 848.64 | 100.0% | 0.00 |
| Small Tools and Equipment | 0.00 | 0.00 | 0.00 | 0.0% | 2,362.01 | 0.00 | 2,362.01 | 100.0% | 0.00 |
| Supplies | | | | | | | | | |
| Water Supplies | 0.00 | | | | 488.04 | 99.80 | 368.24 | 463.98% | 99.80 |
| Supplies - Other | 487.17 | 541.67 | -54.50 | 89.94% | 3,248.16 | 3,250.02 | -1.86 | 99.94% | 6,500.04 |
| Total Supplies | 487.17 | 541.67 | -54.50 | 89.94% | 3,716.20 | 3,349.82 | 366.38 | 110.94% | 6,599.84 |
| Taxes | | | | | | | | | |
| Water Utilities Tax | 1,067.96 | 1,250.00 | -182.04 | 85.44% | 4,975.50 | 7,500.00 | -2,524.50 | 66.34% | 15,000.00 |
| Total Taxes | 1,067.96 | 1,250.00 | -182.04 | 85.44% | 4,975.50 | 7,500.00 | -2,524.50 | 66.34% | 15,000.00 |
| Telephone | 270.18 | 158.34 | 111.84 | 170.63% | 921.13 | 950.04 | -28.91 | 96.96% | 1,900.08 |
| Travel/Parking | 0.00 | 0.00 | 0.00 | 0.0% | 12.00 | 0.00 | 12.00 | 100.0% | 0.00 |
| Uncategorized Expenses | 0.00 | 10,000.00 | -10,000.00 | 0.0% | 0.00 | 60,000.00 | -60,000.00 | 0.0% | 120,000.00 |
| Uniform | 0.00 | 0.00 | 0.00 | 0.0% | 86.79 | 0.00 | 86.79 | 100.0% | 0.00 |
| Utilities | 1,822.82 | 1,916.67 | -93.85 | 95.1% | 10,682.17 | 11,500.02 | -817.85 | 92.89% | 23,000.04 |
| Vehicle Expense | 0.00 | 625.00 | -625.00 | 0.0% | 0.00 | 3,750.00 | -3,750.00 | 0.0% | 7,500.00 |
| Water Testing | 125.00 | 166.67 | -41.67 | 75.0% | 1,582.00 | 1,000.02 | 581.98 | 158.2% | 2,000.04 |
| Well #6 Annual Payment | 0.00 | 1,508.34 | -1,508.34 | 0.0% | 0.00 | 9,050.04 | -9,050.04 | 0.0% | 18,100.08 |
| Total Expense | 14,875.64 | 36,688.31 | -21,812.67 | 40.55% | 118,659.73 | 213,748.76 | -85,087.03 | 55.51% | 426,097.14 |
| Net Ordinary Income | 15,194.48 | 811.69 | 14,382.79 | 1,871.96% | 99,540.75 | 11,253.24 | 88,287.51 | 884.55% | 23,902.86 |
| Other Income/Expense | | | | | | | | | |
| Other Income | | | | | | | | | |
| Interest Income | 0.00 | 125.00 | -125.00 | 0.0% | 0.00 | 750.00 | -750.00 | 0.0% | 1,500.00 |
| Total Other Income | 0.00 | 125.00 | -125.00 | 0.0% | 0.00 | 750.00 | -750.00 | 0.0% | 1,500.00 |
| Other Expense | | | | | | | | | |
| Interest Expense Well#6 Loan | 0.00 | | | | 1,900.73 | | | | |
| Miscellaneous Expense | 0.00 | 2,233.34 | -2,233.34 | 0.0% | 0.00 | 13,400.04 | -13,400.04 | 0.0% | 26,800.08 |
| Total Other Expense | 0.00 | 2,233.34 | -2,233.34 | 0.0% | 1,900.73 | 13,400.04 | -11,499.31 | 14.19% | 26,800.08 |
| Net Other Income | 0.00 | -2,108.34 | 2,108.34 | 0.0% | -1,900.73 | -12,650.04 | 10,749.31 | 15.03% | -25,300.08 |
| Net Income | 15,194.48 | -1,296.65 | 16,491.13 | -1,171.83% | 97,640.02 | -1,395.80 | 99,035.82 | -6,990.27% | -1,397.22 |

EDM

| | CURRENT | 30 DAY | 60 DAY | 90+ DAY | BALANCE |
|-------------------|----------|----------|----------|----------|-----------|
| Service WATER USE | | | | | |
| WATER USE | 6018.47 | 2849.42 | 1412.32 | 5063.08 | 15343.29 |
| MISC | .00 | .00 | .00 | 5295.20 | 5295.20 |
| WATER USE Total | 6018.47 | 2849.42 | 1412.32 | 10358.28 | 20638.49 |
| Service WCR | | | | | |
| WCR | 1048.50 | 495.00 | 291.00 | 546.09 | 2380.59 |
| WCR Total | 1048.50 | 495.00 | 291.00 | 546.09 | 2380.59 |
| Service MLRR | | | | | |
| MLRR | 1757.50 | 915.97 | 486.60 | 925.46 | 4085.53 |
| MLRR Total | 1757.50 | 915.97 | 486.60 | 925.46 | 4085.53 |
| Service GENERAL | | | | | |
| Penalties | .00 | .00 | .00 | 2292.30 | 2292.30 |
| Adjustments | 466.00 | 27.00 | .00 | 76.00 | 569.00 |
| ADJ | 466.00 | 27.00 | .00 | 76.00 | 569.00 |
| ADJUST TOTALS | | | | | |
| Overpayments | -5906.99 | -3750.62 | -5374.31 | -4345.92 | -19377.84 |
| Unapplied | 443.15 | .00 | .00 | .00 | 443.15 |
| GENERAL Total | -4997.84 | -3723.62 | -5374.31 | -1977.62 | -16073.39 |
| Total | 3826.63 | 536.77 | -3184.39 | 9852.21 | 11031.22 |
| Grand AR Total | 3826.63 | 536.77 | -3184.39 | 9852.21 | 11031.22 |
| # of Accounts | 504 | 238 | 149 | 139 | 620 |

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

Customer Count: 1458

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

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



Lake Limerick Water

Manager's Report

April 1, 2019

Lake Limerick Water System: April meeting for March 2019.

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

Well Conditions:

- ✦ Well #1 is operating normally. Running off pressure set points
- ✦ Well #2 is still in stand-by and its use will only be required in extreme cases.
- ✦ Wells #3A and #3B is online, well 3A is offline-issue with check valve.
- ✦ Well #4 is operating normally.
- ✦ Well #5 is operating normally.
- ✦ Well #6 is operating normally. Being installed.

Water Usage:

5.39 million gallons were pumped in total from the sources for March and 3.54 million gallons are documented as "sold". High water usage at source meter showed a significant leak in distribution. Report of a water leak at Sterling Ct. and E Saint Andrews and was a 2-1/2-inch split with a quarter inch opening under pressure. The loss for the month is 5.6%. Total loss for the year is 6.1%. State requirements for compliance is less than 10% for the year based on a 3-year average.

Customer Concerns:

LLWS had 9 regular locates, 1 emergency locate, several high usage investigations, several requests for water reports of usage by hour.

Water Sampling:

The bacteria samples for March is satisfactory. Well #2 Iron and manganese are in exceedances and measures are being taken to get these into compliance with monthly flushing. Sample has been taken to see how flushing and chlorination of the well has changed in chemical analysis.

Thoughts:

Past, present, and future...

- I. Request to engineering @ NWS to begin WSP update to meet compliance. (Lydia from NWS will be sending me a proposal regarding cost and a timeline of records needed on our behalf with Significant changes or updates to the system.)

- II. Exercising of valves and hydrants – Record keeping is being kept on a DOH standard Document and began flushing and valve exercising on Connemara. Several valves are inoperable or need locating as they are buried under county roads.
- III. Mainline Break Repair on Mason lake road?
- IV. During water repairs, found a blow-off valve leaking at Shetland Rd. and Somersby Place (locate complete) and a leaking valve at the intersection of Dartmoor and Balbriggan. Looking into bidding of the two valves at intersection of Dartmoor and Balbriggan and will be beginning repair of standpipe on Shetland road. Valve at Mason Lake Road and Ballantrae is stuck, needs replacement.
- V. VFD & Pressure tank upgrade status: Will be installing a 6 in. Gate Valve onsite of Well 3 to distribution. Currently there is no isolation of well three to distribution in main arterial. The tank is currently water logged to supply water to distribution and this tank must be removed from the system and a replacement pipe installed. During Isolation to remove system pressure to Well 3 for installation of new plumbing, it was my goal to remove four customers from service. A 6” main coming from Mason Lake Rd. was supposed to supply water to the back side of Dunoon. During our isolation we were notified by the office about no water on Rd of Tralee moments after the main isolation. Leroy and I reviewed the map and drove to each valve to make certain it was open. After checking all valves in the area, we have realized a valve shows its open using the mainline gate valve key, but the valve must be broken internally. Also having issue with Well 1 well pump, John from Nicolson Drilling found a Burnt wire to the main breaker while performing VFD install. Investigating cause, possible bad contactors or pump is failing and drawing high amps. Replaced 40A 3-pole breaker and installed 4 new contact relays inside PLC enclosure. **Going to get bids to repair valves at Dunoon and install of gate valve at distribution outlet of well site 3 with tank removal.**
- VI. Pressure tanks at well #6, are acquired (new bladder tanks and fittings). Purchased rail system to install above old tanks for removal and chain hoists. Ongoing. Building platform to raise tanks to meet with plumbing. **Pressure tanks installed and functioning**
- VII. Researching extension ladders to be mounted below all reservoir cages for safety. Extensions have a fold over assembly that prevents access. Research is being sought through BakerSilo.
- VIII. Continuing to insulate pump houses and complete well 3b wellhead protection.
- IX. Don and I are working with Michael to complete the Scada upgrade. **Original SOW is complete. Will need additional assistance for high and low line pressure tags.**
- X. Installed new overload relay at Well 6 due to burnt wire and connection. Ran larger gauge wire to motor and tested amperage draw @ full load. 8 amps across all legs was noted for a 12 A motor.

- XI. Power issues @ well 5 and well 3. VFD's fault at an input phase loss. Working with PUD3 to get this issue corrected. Both facilities are on 3 phase open-deltas and something is causing an imbalance between phase. (PUD3 installed a Fluke Voltage-Amperage recorder @ Well 3 inside Transfer switch area. Monday April 1 they will remove it then evaluate the data that was recorded to determine a cause.)
- XII. Updating PLC ladder logic to reflect each site, will create well log information to each source Id this spring. Found several sites that do not have actual low and high level floats in reservoirs.
- XIII. Question for committee, there are several areas where backflow and meter boxes are being destroyed by trees. What are we legally allowed to do on our utility easements to address these concerns?
- XIV. Well 3A pump needs to be pulled and a new check valve installed. Sean and I checked the pump operation Tuesday March 5th and when pump is shut off plumbing shakes. E have determined it is a faulty check valve and it is creating a hammering effect. Pump is currently in off position. (Contacting PumpTech for repair)

Electrical Usage in Kwh

| | Jan-18 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | Jul-19 | Aug-19 | Sep-19 | Oct-19 | Nov-19 | Dec-19 | Total |
|---------------|---------------|---------------|---------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------------|
| Well #1 | 3,375 | 3,040 | 1,728 | | | | | | | | | | 8,143 |
| Well #2 | 552 | 1,069 | 800 | | | | | | | | | | 2,421 |
| Well #3 | 7,326 | 2,254 | 3,485 | | | | | | | | | | 13,065 |
| Well #4 | 3,044 | 3,168 | 2,131 | | | | | | | | | | 8,343 |
| Well #5 | 933 | 4,142 | 3,291 | | | | | | | | | | 8,366 |
| Well #6 | 6,892 | 5,178 | 2,131 | | | | | | | | | | 14,201 |
| total: | 22,122 | 18,661 | 13,566 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54,539 |

| | Gallons Per Kwh | | | | | | | | | | | | Gall/Kwh YTD | |
|---------------|-----------------|------------|------------|--|--|--|--|--|--|--|--|--|--------------------------------|------------|
| Well #1 | 344 | 335 | 300 | | | | | | | | | | | 326 |
| Well #2 | 0 | 0 | 9 | | | | | | | | | | | 3 |
| Well #3 | 326 | 721 | 815 | | | | | | | | | | | 621 |
| Well #4 | 376 | 354 | 330 | | | | | | | | | | | 353 |
| Well #5 | 171 | 410 | 418 | | | | | | | | | | | 333 |
| Well #6 | 220 | 219 | 126 | | | | | | | | | | | 189 |
| total: | 288 | 350 | 421 | | | | | | | | | | AVG Gall/Kwh combined = | 343 |

Historical Data

| | Pumped | Sold | Loss |
|------|------------|------------|------|
| 2010 | 69,790,309 | 66,840,300 | 4.2% |
| 2011 | 60,968,882 | 56,483,665 | 7.3% |
| 2012 | 56,874,086 | 53,665,498 | 5.6% |
| 2013 | 56,859,553 | 54,275,237 | 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 | 18,682,500 | 17,549,679 | 6.1% |

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

Notes for leakage estimated for consideration in authorized consumption: January and February. Estimated authorized consumption from an un-reported issue with a customer water pressure issue. Found a 1" poly had become separated at the outlet of the backflow assembly. Customer stated he had low pressure since the end of December 2018. March: found a 2 inch crack 1/4" wide on a service connection @ Stirling court & Saint Andrews.

WATER COMMITTEE MEMBERS ACTION ITEMS LIST

| | ITEM | DATE TO BE DONE | STATUS |
|----|--|--|---|
| 1. | Radio Communication License Fee | 10 year Renewal, next due May 2025 | Includes Rules and Updates |
| 2. | System wide water line replacement to include: | Long-range planning. | Evaluation for total replacement completed Feb 2009: estimated cost \$10,000,000. |
| 3. | WSP updates required in 6 years | Next update required July 2, 2020. | DOH APPROVED JULY 2, 2014 Includes ERU approval of 1307 connections |
| 4. | Annual Consumer Education Meeting | Presented at Annual Meeting in April | Completed October 2017 Next Meeting October 2018 |
| 5. | Complete CCCD Testing | Every Three Years | Done May 2017 Next test due May 2020 |
| 6 | Primary CCCD Testing | Every Year in May | Done May 2018 Next Test due May 2019 |
| 7. | Annual Well Site Inspection | Annually In May for new Committee Members | Done May 2017. Next Inspection May 2019 |
| 8. | Sanitary Survey | Every 5 year | Next Scheduled Survey 2023 |
| 9. | Consumer Confidence Report, to include Educational Materials | Annually Mailed with July 1 Deadline | CCR completed by NWS, mailed to consumers in July 2018. Next report due July 2019. |
| 10 | Water Use Efficiency Report | Annually Reported with July 1 st Deadline | Completed by NWS June 2018 and submitted. Next Report Due July 2019 |
| 11 | Nitrate Sampling | Annual Testing Required | Tests scheduled for July 2019 |
| 12 | Herbicide Sampling | 9 Year Waiver | Next Test Due July 2022 |
| 13 | Volatile Organics (VOC) Sampling | 6 Year Waiver | Next Test Due July 2019 |
| 14 | Complete Inorganic (IOC) Sampling | 9 Year Waiver | Next Test Due July 2019 |
| 15 | Pesticides Sampling | 3 Year Waiver | No Test Date Supplied on DOH Schedule |
| 16 | Lead and Copper Sampling | Every 3 Years | Next Test Date July 2020 |
| 17 | Cross Connection Hazard Surveys | Every 5 Years | Next Survey Due 2022 |
| 18 | Reservoir Cleaning (used divers) | Every 5 Years | Next Cleaning Due 2020 |
| 19 | Tops of Reservoir Cleaning | Every 5 Years | Tops cleaned February 2017 Next Cleaning Due 2022 |
| 20 | Aquifer Level Static Testing | Twice Per Year in June and October | October 2018 test complete. Next test due June 2019 |
| 21 | Well #6 Loan Payment | Annually in August or September | Next payment due: August 2019 |
| 22 | Mason Co. Franchise Agreement and Bond | Every year | Renewal due July 2019 |
| 23 | Cross-Connection Control Report | Annually Reported by Sept. 1 | Due September 2019 |
| 24 | Emergency Response Plan | Update annually in June | Needs updating in 2017-In progress |
| 25 | Hydrostatic Tank Pressure Testing | Test annually to confirm operation | Next test December 2019 |
| 26 | Locating, Testing and Exercising shut off valves. | Test annually | Ongoing testing |
| 27 | Pump capacity tests | To be determined | Ongoing |
| 28 | Draw down testing at each well site | Every September | Next testing September 2019 |