

KINNELOA IRRIGATION DISTRICT

Regular Meeting – Board of Directors
1999 Kinclair Drive, Pasadena, CA 91107
Tuesday, November 19, 2019
1:00 P.M.

AGENDA

1. **CALL TO ORDER** – 1:00 P.M.
 - a. Declaration of a quorum
 - b. Review of agenda
2. **PUBLIC COMMENT** – Comments from the Public regarding items on the Agenda or other items within the jurisdiction of the District
In compliance with the Brown Act, the Board cannot discuss or act on items not on the Agenda. However, Board Members or District Staff may acknowledge Public comments, briefly respond to statements or questions posed by the Public, ask a question for clarification, or request Staff to place item on a future Agenda (Government Code section §54954.2)
3. **REVIEW OF MINUTES** – October 22, 2019 and November 5, 2019 minutes
Recommended Action: Review and approve motion to file
4. **REVIEW OF FINANCIAL REPORTS** – October 31, 2019 financial reports
Recommended Action: Review and approve motion to file
5. **GENERAL MANAGER’S REPORT** – Information item presented by General Manager
Recommended Action: General Manager to summarize the report and respond to questions
6. **DIRECTOR REPORTS AND/OR COMMENTS** – In accordance with Government Code §54954.2 Directors may make brief announcements or brief reports on their own activities. Directors may ask a question for clarification, provide a reference to staff or other resources for information, request staff to report back to the Directors at a subsequent meeting, or act to direct staff to place a matter of business on a future agenda.
7. **CALENDAR** – December 17, 2019
January 21, 2020
February 18, 2020
8. **ADJOURNMENT**
In compliance with the Americans with Disabilities Act, if you are a disabled person and need a disability-related modification or accommodation to participate in this meeting, please contact the District office 48 hours prior to the meeting at 626-797-6295. Each item on the agenda, no matter how described, shall be deemed to include any appropriate motion, whether to adopt a minute motion, resolution, payment of any bill, approval of any matter or action, or any other action. Material related to an item on this agenda submitted after distribution of the agenda packet is available for public review at the District office or online at the District’s website <https://kinneloairrigationdistrict.info>.

KINNELOA IRRIGATION DISTRICT
Regular Meeting – Board of Directors
1999 Kinclair Drive, Pasadena, CA 91107
Tuesday, October 22, 2019, 3:00 pm
Minutes

DIRECTORS PRESENT: Frank Griffith, Gordon Johnson, Gerrie Kilburn, and Bill Opel
Tim Eldridge (arrived 3:21 pm)

DIRECTORS ABSENT: None

STAFF PRESENT: General Manager Melvin Matthews, Sr. Facilities Operator Chris Burt,
Office Manager/Board Secretary Bernadette Allen

1. CALL TO ORDER: Director/Chair Gordon Johnson called the meeting to order at 3:04 pm. A quorum of Board Members was present. The Agenda was reviewed. No changes were requested.

2. PUBLIC COMMENT: District residents Dr. Dave Moritz and Don Murphy were present. Mr. Murphy stated that Carter Prescott may be interfacing with the Board at the next meeting.

3. REVIEW OF MINUTES: It was motioned/seconded/carried-(Opel/Kilburn-4/0/0/1):
“That the Board approves the September 17, 2019, minutes as presented for filing and posting on the website.”
(Aye-Griffith, Johnson, Kilburn, Opel/Nay-0/Abstain-0/Absent-Eldridge)

4. REVIEW OF FINANCIAL REPORTS: Director/Treasurer Bill Opel reviewed the September 30, 2019, financial reports. On the Income Statement, he highlighted the water sales revenue of nearly \$200,000 against the budget of \$150,000, so the variance for the month was almost \$49,000 to the good, which follows all the way through to the cash flow. On the Balance Sheet, he stated that the checking account and reserve funds reconciled. On the Cash Flow Statement, he stated that there was a net increase in cash of \$51,000 to the positive for the month and \$246,000 for the year, with investing and financing for the year there is a \$120,000 increase in cash. Director Kilburn asked if account 1519 Dove Creek Project on the Balance Sheet is completed. The General Manager stated that the amount reflects the original investment in the system to serve the Dove Creek development.

It was motioned/seconded/carried-(Griffith/Kilburn-4/0/0/1):
“That the Board approves the financial reports as presented for filing.”
(Aye-Griffith, Johnson, Kilburn, Opel/Nay-0/Abstain-0/Absent-Eldridge)

5. GENERAL MANAGER’S REPORT: The General Manager and Board reviewed the report.

II.A. Water Main Improvement Projects: Surveying work for the Sierra Madre Villa & Villa Heights Water Main project is in progress.

III.A. Water Leak/...: A fair number of customer contacts due to higher water bills. Higher usage was due to warmer weather and due to variation in the meter reading period which was 35 days as compared to 27 days in the previous month.

III.C. Future Capital Improvement: This section shows projects in progress or under consideration. The complete project list may be presented at the next meeting.

KINNELOA IRRIGATION DISTRICT
Regular Meeting – Board of Directors
Tuesday, October 22, 2019
Minutes

IV. Water Supply Summary...: The General Manager stated that the new watermaster year started in July. The table represents 2 months, and despite the heavy usage, the District potentially has 235 acre feet of surplus water. Delivery of surplus water to the City of Pasadena began in October. (Director Eldridge arrived.)

The General Manager responded to questions:

Director Opel asked if there is any trend of nitrate increases in the system. The General Manager stated that based upon the review done in August at the Board's request, there is no trend. He is not aware of any seasonality factor. The nitrates have been quite stable over a long period of time, and the District will continue to monitor the nitrate levels.

Director Griffith asked how long the process took, from order to delivery, the last time trucks were purchased. The General Manager stated that typically it takes about 6 weeks. Director Griffith added that it is his understanding that truck prices may go way up in 2020, which the General Manager may take into consideration.

Director Johnson asked if the General Manager will be proceeding soon with the purchase, so the trucks will be delivered early in 2020. The General Manager said that yes, it is one of his next projects.

6. BROWN/GLEN REPLACEMENT PIPELINE PROJECT: The General Manager reviewed the project memo. He added that physical tests were done in the field today [October 22] to better validate the hydraulic model before moving on. Pipelines alone will not achieve the desired fire flow in the Edgecliff/Villa Knolls area in the Brown zone. The engineer will provide a report with recommendations to help decide how to proceed. One possibility is including an automatic pressure operated valve from the higher-pressure Vosburg zone into the Brown/Glen zone, which is similar to what was done for and paid by the City of Pasadena for them to achieve fire flows in the Old House Road area. He added that there are benefits to doing the pipeline project, increasing the flow some and dealing with maintenance problems of existing pipeline and valve. Director Opel asked if the project would increase the average pipeline pressure. The General Manager replied that it would maintain the pressure if you have fire flow.

Director Johnson commented that it is good to see the benefit of having the hydraulic model.

Director Johnson asked if the City of Pasadena relies upon water in the KID system to provide fire flow for Pasadena. The General Manager replied, yes. Director Johnson asked if there is any ongoing benefit for the District to provide that storage for Pasadena. The General Manager stated that there are six interconnections with Pasadena, some where we depend upon them, and there is a lot of mutual benefit for emergencies and periodic system maintenance.

In summary, the General Manager stated that the project is still under consideration and the preliminary analysis has been beneficial.

7. INFORMATION ITEMS:

b. Water main leak (out of order): The General Manager reviewed the memo. Director Griffith asked what the total repair cost was. The General Manager stated that the bill has not been received yet. The General Manager added that the repair is not complete. Base paving has been done, but the final paving has yet to be done on both Mesaloe and on Villa Knolls/Edgecliff.

a. Kinneloa Irrigation District website: The General Manager presented a demonstration of the new website. Director Opel asked if the mandatory text description for pictures can be seen and

KINNELOA IRRIGATION DISTRICT
Regular Meeting – Board of Directors
Tuesday, October 22, 2019
Minutes

does the General Manager have to write the text. The General Manager stated that the text is not visible but is read by screen reading software, and the text is edited by the staff. The General Manager highlighted the transparency page. Director Eldridge asked if the Financial Audit is in the minutes or the packet. The General Manager replied that the Financial Audit that is approved is in the agenda packet and also shows as an independent document. Director Opel asked if there is a map of Director divisions. The General Manager said there is one. Director Opel suggested that it be included, and the Directors agreed. Director Opel asked if the Flume would be listed. The General Manager said that it is not on the site yet, but it is a good example of something we could promote. Director Johnson asked if the District's customers can get a discount and a rebate for the Flume. The General Manager said that it is possible. The coupon discount code was sent in the email newsletter and the rebate is on the FMWD [Foothill Metropolitan Water District] website. Director Opel suggested a photo contest. The General Manager concluded with the statement that Streamline, the website design company, guarantees accessibility and compliance with requirements.

8. DIRECTOR REPORTS AND/OR COMMENTS: Director Kilburn expressed her thanks for the District's response to the leak on Mesaloe Lane. Director Eldridge stated that when he received the message about the emergency water shut off, at first, he did not know the location, so he filled up buckets of water. The General Manager stated that Board members receive alerts so that they know about major incidents in the District.

9. CALENDAR: No discussion.

10. ADJOURNMENT: It was motioned/seconded/carried-(Kilburn/Eldridge-5/0/0/0):

"That the Board adjourns the meeting."

The meeting was adjourned at 4:02 pm.

Reviewed and submitted by,



Bernadette C. Allen
Board Secretary

KINNELOA IRRIGATION DISTRICT
Special Meeting – Board of Directors
1999 Kinclair Drive, Pasadena, CA 91107
Tuesday, November 5, 2019, 3:00 pm
Minutes

DIRECTORS PRESENT: Gordon Johnson, Gerrie Kilburn, and Tim Eldridge

DIRECTORS ABSENT: Frank Griffith, Bill Opel

STAFF PRESENT: Office Manager/Board Secretary Bernadette Allen

1. CALL TO ORDER: Director/Chair Gordon Johnson called the meeting to order at 3:00 pm. A quorum of Board Members was present. The Agenda was reviewed. No changes were requested.

2. PUBLIC COMMENT: No members of the public were present.

3. CHANGE REGULAR BOARD MEETING TIME:

It was motioned/seconded/carried-(Eldridge/Kilburn-3/0/0/2):

“That the Board change the next Regular Board Meeting time from 3:00 pm Tuesday, November 19, 2019 to 1:00 pm Tuesday, November 19, 2019.”

(Aye-Johnson, Kilburn, Eldridge/Nay-0/Abstain-0/Absent-Griffith, Opel)

9. CALENDAR: Director Johnson stated that the next meeting will be November 19th at 1:00 pm. Director Kilburn stated that the time change to 1:00 pm is only for the one meeting on November 19th. December 17th and January 21st meetings will be at 3:00 pm.

10. ADJOURNMENT: It was motioned/seconded/carried-(Kilburn/Eldridge-3/0/0/2):

“That the Board adjourns the meeting.”

(Aye-Johnson, Kilburn, Eldridge/Nay-0/Abstain-0/Absent-Griffith, Opel)

The meeting was adjourned at 3:02 pm.

Reviewed and submitted by,



Bernadette C. Allen
Board Secretary

Kinneloa Irrigation District
Income Statement for the Ten Months Ending October 31, 2019

| | Current Month Actual | Current Month Budget | Current Month Variance | Year to Date Actual | Year to Date Budget | Year to Date Variance |
|-------------------------------------|-------------------------|-------------------------|---------------------------|------------------------|------------------------|--------------------------|
| Revenues | | | | | | |
| 4000 Water Sales | 147,472.21 | 115,000.00 | 32,472.21 | 1,291,095.89 | 1,276,000.00 | 15,095.89 |
| 4015 Wholesale Water Sales | 7,722.30 | 25,000.00 | (17,277.70) | 34,725.33 | 25,000.00 | 9,725.33 |
| 4020 Service/Installation Charges | 1,546.84 | 833.33 | 713.51 | 9,407.24 | 8,333.30 | 1,073.94 |
| 4035 Interest-Reserve Fund | 3,261.72 | 1,250.00 | 2,011.72 | 39,513.02 | 12,500.00 | 27,013.02 |
| 4070 Misc. Income | 0.00 | 0.00 | 0.00 | 5,969.27 | 0.00 | 5,969.27 |
| Total Revenues | 160,003.07 | 142,083.33 | 17,919.74 | 1,380,710.75 | 1,321,833.30 | 58,877.45 |
| Expenses | | | | | | |
| 5000 Leased Water Rights | 63,135.00 | 63,135.00 | 0.00 | 63,135.00 | 63,135.00 | 0.00 |
| 5005 Electricity | 8,028.81 | 12,000.00 | (3,971.19) | 89,326.41 | 101,000.00 | (11,673.59) |
| 5010 Maintenance/Repair Supplies | 4,727.50 | 2,083.33 | 2,644.17 | 36,875.96 | 20,833.30 | 16,042.66 |
| 5011 Material and Labor for Install | 0.00 | 833.33 | (833.33) | 0.00 | 8,333.30 | (8,333.30) |
| 5012 Safety Equipment | 87.40 | 133.33 | (45.93) | 1,956.42 | 1,333.30 | 623.12 |
| 5015 Operations Labor | 16,855.00 | 16,533.33 | 321.67 | 159,579.95 | 165,333.30 | (5,753.35) |
| 5016 Operations OT | 3,700.02 | 750.00 | 2,950.02 | 16,433.26 | 7,500.00 | 8,933.26 |
| 5020 Stand-by Compensation | 930.00 | 912.50 | 17.50 | 8,820.00 | 9,125.00 | (305.00) |
| 5022 Training/Certification | 0.00 | 133.33 | (133.33) | 915.00 | 1,333.30 | (418.30) |
| 5025 Water Treatment/Analysis | 2,003.27 | 1,833.33 | 169.94 | 19,883.06 | 18,333.30 | 1,549.76 |
| 5030 Maintenance/Repair Contractors | 15,528.74 | 10,416.67 | 5,112.07 | 138,966.34 | 104,166.70 | 34,799.64 |
| 5034 Equipment Maintenance | 0.00 | 1,041.67 | (1,041.67) | 11,285.61 | 10,416.70 | 868.91 |
| 5035 Vehicle Maintenance | 2,000.97 | 833.33 | 1,167.64 | 8,489.95 | 8,333.30 | 156.65 |
| 5036 Fuel | 1,225.28 | 1,250.00 | (24.72) | 11,913.00 | 12,500.00 | (587.00) |
| 5045 Insurance-Workers Comp. | 0.00 | 0.00 | 0.00 | 19,413.84 | 9,340.00 | 10,073.84 |
| 5046 Insurance-Liability | 1,294.79 | 1,333.33 | (38.54) | 12,128.29 | 13,333.30 | (1,205.01) |
| 5048 Insurance-Property | 171.83 | 208.33 | (36.50) | 1,120.82 | 2,083.30 | (962.48) |
| 5049 Insurance-Medical | 7,374.80 | 6,375.00 | 999.80 | 69,327.14 | 63,750.00 | 5,577.14 |
| 6000 Engineering Services | 4,547.50 | 3,958.33 | 589.17 | 21,936.50 | 39,583.30 | (17,646.80) |
| 6005 Watermaster Services | 880.33 | 1,000.00 | (119.67) | 8,806.34 | 10,000.00 | (1,193.66) |
| 6015 Administrative Salary | 11,489.02 | 12,333.33 | (844.31) | 114,890.20 | 123,333.30 | (8,443.10) |
| 6017 Administrative Travel | 44.02 | 250.00 | (205.98) | 824.36 | 2,500.00 | (1,675.64) |
| 6020 Board Compensation | 400.00 | 466.67 | (66.67) | 4,100.00 | 4,666.70 | (566.70) |
| 6021 Administrative & Board Exp. | 0.00 | 83.33 | (83.33) | 237.61 | 833.30 | (595.69) |
| 6024 Customer/Public Info. Prog. | 200.00 | 166.67 | 33.33 | 1,021.95 | 1,666.70 | (644.75) |
| 6025 PERS - KID | 3,217.65 | 3,000.00 | 217.65 | 26,559.78 | 30,000.00 | (3,440.22) |
| 6030 Social Security - KID | 2,589.10 | 2,416.67 | 172.43 | 22,969.06 | 24,166.70 | (1,197.64) |
| 6031 Medicare - KID | 605.53 | 516.67 | 88.86 | 5,371.88 | 5,166.70 | 205.18 |
| 6035 Office/Computer Supplies | 40.50 | 583.33 | (542.83) | 5,844.53 | 5,833.30 | 11.23 |
| 6036 Postage/Delivery | 331.80 | 416.67 | (84.87) | 3,981.08 | 4,166.70 | (185.62) |
| 6040 Professional Dues | 1,154.41 | 1,000.00 | 154.41 | 11,675.48 | 10,000.00 | 1,675.48 |
| 6045 Legal Services | 1,322.63 | 1,250.00 | 72.63 | 8,811.61 | 12,500.00 | (3,688.39) |
| 6050 Telephone | 364.11 | 375.00 | (10.89) | 3,624.44 | 3,750.00 | (125.56) |
| 6051 Mobile Telephone | 27.49 | 125.00 | (97.51) | 731.61 | 1,250.00 | (518.39) |
| 6052 Pagers | 36.36 | 41.67 | (5.31) | 383.84 | 416.70 | (32.86) |
| 6053 Internet Service | 69.99 | 83.33 | (13.34) | 643.78 | 833.30 | (189.52) |

Kinneloa Irrigation District
Income Statement for the Ten Months Ending October 31, 2019

| | Current Month Actual | Current Month Budget | Current Month Variance | Year to Date Actual | Year to Date Budget | Year to Date Variance |
|-------------------------------------|-------------------------|-------------------------|---------------------------|------------------------|------------------------|--------------------------|
| 6059 Computer Software Maintenance | 453.74 | 1,000.00 | (546.26) | 5,912.98 | 10,000.00 | (4,087.02) |
| 6061 Office Equipment Maintenance | 0.00 | 83.33 | (83.33) | 361.34 | 833.30 | (471.96) |
| 6065 Accounting Services | 0.00 | 0.00 | 0.00 | 7,100.00 | 7,000.00 | 100.00 |
| 6070 Office & Accounting Labor | 9,327.00 | 8,045.83 | 1,281.17 | 75,274.00 | 80,458.30 | (5,184.30) |
| 6075 Professional/Contract Services | 2,694.00 | 2,333.33 | 360.67 | 26,882.41 | 23,333.30 | 3,549.11 |
| 6080 Administrative Fees | 795.83 | 750.00 | 45.83 | 7,871.19 | 7,500.00 | 371.19 |
| 6081 Permits/Fees | 310.31 | 1,250.00 | (939.69) | 7,110.78 | 12,500.00 | (5,389.22) |
| 6086 Taxes - Sales | 0.00 | 0.00 | 0.00 | 38.90 | 500.00 | (461.10) |
| 6088 Interest Expense | 0.00 | 0.00 | 0.00 | 33,914.74 | 33,915.00 | (0.26) |
| 6120 Bank Service Charges | 632.85 | 541.67 | 91.18 | 5,996.36 | 5,416.70 | 579.66 |
| Total Expenses | 168,597.58 | 161,876.64 | 6,720.94 | 1,082,446.80 | 1,082,306.40 | 140.40 |
| Net Income | (8,594.51) | (19,793.31) | 11,198.80 | 298,263.95 | 239,526.90 | 58,737.05 |
| Other Expenditures | | | | | | |
| 1511 WaterTreatment Plant | 0.00 | 0.00 | 0.00 | 1,750.80 | 2,000.00 | (249.20) |
| 1512 Water Meters | 0.00 | 0.00 | 0.00 | 5,995.01 | 6,000.00 | (4.99) |
| 1514 Computer/Office Equipment | 0.00 | 0.00 | 0.00 | 716.49 | 1,000.00 | (283.51) |
| 1527 SCADA Equipment | 0.00 | 0.00 | 0.00 | 42,260.42 | 51,000.00 | (8,739.58) |
| 2400 Installment Purchase Agreement | 0.00 | 0.00 | 0.00 | 66,186.24 | 66,186.00 | 0.24 |
| Total Other Expenditures | 0.00 | 0.00 | 0.00 | 116,908.96 | 126,186.00 | (9,277.04) |
| Total Increase or (Drawdown) | (8,594.51) | (19,793.31) | 11,198.80 | 181,354.99 | 113,340.90 | 68,014.09 |

Kinneloa Irrigation District Balance Sheet as of October 31, 2019

ASSETS

Current Assets

| | | |
|------|--------------------------------|---------------|
| 1010 | Checking-Wells Fargo Bank | \$ 372,870.02 |
| 1012 | Reserve Fund-LAIF | 125,623.40 |
| 1014 | Reserve Fund-CalTRUST | 1,716,852.83 |
| 1015 | Unrealized Gain(Loss)-CalTRUST | (15,556.36) |
| 1016 | Accrued Interest-LAIF | 58.68 |
| 1100 | Accts. Receivable-Water Sales | 66,170.74 |
| 1101 | Accts. Receiv.-Service Charges | 548.78 |
| 1113 | Employee Loans | 1,003.73 |
| 1190 | Allowance for Bad Debts | (771.48) |
| 1200 | Inventory | 20,000.00 |
| 1340 | Accrued Water Sales | 156,039.60 |
| 1350 | Prepaid Insurance | 14,070.88 |
| 1360 | Prepaid Expenses | 29,941.00 |

Total Current Assets

2,486,851.82

Property and Equipment

| | | |
|------|-------------------------------|----------------|
| 1501 | Water Rights | 52,060.41 |
| 1503 | Land Sites | 96,700.08 |
| 1504 | Water Mains | 3,584,517.77 |
| 1505 | Water Tunnels | 729,074.60 |
| 1506 | K-3 Well | 89,543.06 |
| 1507 | Improvement District #1 | 602,778.12 |
| 1508 | Mountain Property | 6,620.00 |
| 1509 | Wilcox Well/Wilcox Booster | 94,030.98 |
| 1510 | Interconnections | 14,203.27 |
| 1511 | Water Treatment Plant | 189,139.08 |
| 1512 | Water Meters | 110,481.34 |
| 1513 | Electrical/Electronic Equip. | 256,918.72 |
| 1514 | Computer/Office Equipment | 75,922.12 |
| 1515 | Vehicles & Portable Equipment | 242,548.91 |
| 1516 | Water Company Facilities | 70,422.20 |
| 1517 | KID Office | 54,741.36 |
| 1518 | Shaw Ranch | 280,789.92 |
| 1519 | Dove Creek Project | 487,383.87 |
| 1520 | Glen Reservoir/Booster | 24,190.86 |
| 1521 | Kinneloa Ridge Project | 690,492.58 |
| 1522 | Eucalyptus Booster Station | 532,342.43 |
| 1526 | Vosburg Booster | 1,647,215.66 |
| 1527 | SCADA Equipment | 350,158.34 |
| 1528 | Tanks and Reservoirs | 119,491.90 |
| 1529 | Holly Tanks | 181,113.76 |
| 1530 | Tools | 6,273.13 |
| 1600 | Accum. Depreciation | (4,926,201.76) |

Total Property and Equipment

5,662,952.71

Other Assets

| | | |
|------|------------------------|-----------|
| 1901 | PERS-Deferred Outflows | 99,141.00 |
|------|------------------------|-----------|

Total Assets

\$ 8,248,945.53

Kinneloa Irrigation District
Balance Sheet as of October 31, 2019

LIABILITIES AND CAPITAL

Current Liabilities

| | | | |
|------|---------------------------|--------------|-----------|
| 2000 | Accounts Payable | \$ 40,196.73 | |
| 2272 | Job Deposits | 14,236.27 | |
| 2275 | Deposits-Water Customers | 255.02 | |
| 2290 | Accrued Vacation | 19,935.60 | |
| | | | |
| | Total Current Liabilities | | 74,623.62 |

Long-Term Liabilities

| | | | |
|------|--------------------------------|--------------|--------------|
| 2400 | Installment Purchase Agreement | 1,802,291.11 | |
| 2801 | PERS- Net Liability | 258,789.46 | |
| 2901 | PERS- Deferred Inflows | 36,648.00 | |
| | | | |
| | Total Long-Term Liabilities | | 2,097,728.57 |
| | | | |
| | Total Liabilities | | 2,172,352.19 |

Capital

| | | | |
|------|-----------------------------|--------------|-----------------|
| 3040 | Fund Balance | 5,778,329.39 | |
| | Net Income | 298,263.95 | |
| | | | |
| | Total Capital | | 6,076,593.34 |
| | | | |
| | Total Liabilities & Capital | | \$ 8,248,945.53 |
| | | | |

Kinneloa Irrigation District
Statement of Cash Flow
For the Ten Months Ended October 31, 2019

| | Current Month | Year to Date |
|---|---------------------|----------------------|
| Cash Flows from Operating Activities | | |
| Net Income | \$ (8,594.51) | \$ 298,263.95 |
| <i>Adjustments to reconcile net income to net cash provided by operating activities</i> | | |
| 1100 Accts. Receivable-Water Sales | (17,042.11) | (16,129.57) |
| 1101 Accts. Receiv.-Service Charges | (136.77) | (284.94) |
| 1113 Employee Loans | 50.19 | (1,003.73) |
| 1340 Accrued Water Sales | 44,906.26 | (21,377.32) |
| 1350 Prepaid Insurance | (14,070.88) | (4,350.40) |
| 1360 Prepaid Expenses | (1,225.76) | (8,496.18) |
| 2000 Accounts Payable | 3,081.00 | 4,952.43 |
| 2272 Job Deposits | 11,536.27 | 13,336.27 |
| | 27,098.20 | (33,353.44) |
| Net Cash Provided by Operations | 18,503.69 | 264,910.51 |
| Cash Flows from Investing Activities | | |
| <i>Used for</i> | | |
| 1511 WaterTreatment Plant | 0.00 | (1,750.80) |
| 1512 Water Meters | 0.00 | (5,995.01) |
| 1514 Computer/Office Equipment | 0.00 | (716.49) |
| 1527 SCADA Equipment | 0.00 | (42,265.68) |
| | 0.00 | (50,727.98) |
| Net Cash Used in Investing | 0.00 | (50,727.98) |
| Cash Flows from Financing Activities | | |
| <i>Proceeds from</i> | | |
| <i>Used for</i> | | |
| 2400 Installment Purchase Agreement | 0.00 | (66,186.24) |
| 2801 PERS- Net Liability | (1,436.25) | (12,539.28) |
| | (1,436.25) | (78,725.52) |
| Net Cash Used in Financing | (1,436.25) | (78,725.52) |
| Net Increase (Decrease) in Cash | \$ 17,067.44 | \$ 135,457.01 |
| Summary | | |
| Cash Balance at End of Period | \$ 2,199,848.57 | \$ 2,199,848.57 |
| Cash Balance at Beg. of Period | (2,182,781.13) | (2,064,386.30) |
| Net Increase (Decrease) in Cash | \$ 17,067.44 | \$ 135,462.27 |

Kinneloa Irrigation District
Check Register
For the Period from October 1, 2019 to October 31, 2019

| Date | Check # | Payee | Amount | Description |
|-------------|----------------|-------------------------------------|---------------|---|
| 10/8/19 | EFT4050 | CA Public Employees Ret. Sys. | 5,136.57 | CalPERS Sept. KID & employee contributions |
| 10/8/19 | EFT4051 | Century Business Solutions | 226.28 | credit card processing fee |
| 10/8/19 | EFT4052 | Charter Communications | 360.54 | phone and internet |
| 10/8/19 | EFT4053 | VeriCheck, Inc. | 108.65 | echeck processing fees |
| 10/8/19 | 9228 | Assoc. of Calif. Water Agencies | 7,830.00 | 2020 annual agency membership dues |
| 10/8/19 | 9229 | ACWA/JPIA | 5,050.14 | Workers' comp 07/01/19-09/30/19 |
| 10/8/19 | 9230 | ACWA/JPIA | 15,537.50 | auto/general liability ins. 10/1/19 - 9/30/20 |
| 10/8/19 | 9231 | ACWA/JPIA | 8,316.32 | employee health benefits |
| 10/8/19 | 9232 | Bernadette Allen | 26.51 | mileage reimbursement |
| 10/8/19 | 9233 | BrightView Landscape Services | 1,490.00 | landscape service |
| 10/8/19 | 9234 | Dig Safe Board | 16.81 | California state ree for regulatory costs |
| 10/8/19 | 9235 | Foothill Municipal Water District | 88.88 | ad sponsorship Payne Foundation Garden Tour |
| 10/8/19 | 9236 | Foothill Municipal Water District | 795.83 | administrative fee |
| 10/8/19 | 9237 | Melvin L. Matthews | 76.79 | mileage reimbursement |
| 10/8/19 | 9238 | McMaster Carr | 1,092.38 | maintenance supplies |
| 10/8/19 | 9239 | Ultimate Cleaning Solutions, Inc. | 75.00 | janitorial services |
| 10/8/19 | 9240 | Underground Service Alert | 56.20 | digalert |
| 10/8/19 | 9241 | Utility Service Co., Inc. | 5,001.90 | tank maintenance agreement |
| 10/8/19 | 9242 | Western Water Works | 500.13 | maintenance/repair parts |
| 10/8/19 | 9243 | Casa Bonita D & D | 650.00 | net refund on deposit |
| 10/15/19 | EFT4054 | Bernadette C. Allen | 1,541.65 | salary |
| 10/15/19 | EFT4055 | Joel D. Bundy | 1,519.28 | salary |
| 10/15/19 | EFT4056 | Christopher A. Burt | 3,749.60 | salary |
| 10/15/19 | EFT4057 | Brian L. Fry | 1,850.54 | salary |
| 10/15/19 | EFT4058 | Melvin L. Matthews | 3,789.80 | salary |
| 10/15/19 | EFT4059 | Juan R. Tello | 1,592.53 | salary |
| 10/15/19 | EFT4060 | Christopher A. Burt | 150.00 | salary |
| 10/15/19 | EFT4061 | Automatic Data Processing, Inc. | 6,252.76 | payroll taxes and withholdings |
| 10/22/19 | EFT4062 | Automatic Data Processing, Inc. | 97.02 | payroll processing fees |
| 10/22/19 | EFT4063 | American Messaging Services | 36.36 | pager service |
| 10/22/19 | EFT4064 | Arco Gaspro Plus | 1,225.28 | fuel for trucks |
| 10/22/19 | EFT4065 | Athens Services | 215.69 | trash pickups |
| 10/22/19 | EFT4066 | Century Business Solutions | 15.00 | banking service fee |
| 10/22/19 | EFT4067 | Pasadena Municipal Services | 1,722.19 | electricity for Wilcox Well |
| 10/22/19 | EFT4068 | Southern California Edison Co. | 6,302.70 | electricity for 1 site Aug, 11 sites Sept |
| 10/22/19 | 9244 | Byrd Industrial Electronics | 180.00 | service order: 9/5 booster mode indicator |
| 10/22/19 | 9245 | City of Alhambra | 63,135.00 | 2018-19 water rights lease, 207 af |
| 10/22/19 | 9246 | Civiltec Engineering, Inc. | 4,547.50 | Brown/Glen Replacement Pipeline Project |
| 10/22/19 | 9247 | Clinical Laboratory SB | 24.00 | water sample analysis |
| 10/22/19 | 9248 | California Special Districts Assoc. | 5,344.00 | CA Special Districts Assoc dues 2020 |

Kinneloa Irrigation District
Check Register
For the Period from October 1, 2019 to October 31, 2019

| Date | Check # | Payee | Amount | Description |
|-------------|----------------|-----------------------------------|--------------------------|---|
| 10/22/19 | 9249 | Digital Deployment, Inc. | 200.00 | monthly website fee |
| 10/22/19 | 9250 | Lagerlof, Senecal, Gosney & Kruse | 180.00 | general matters |
| 10/22/19 | 9251 | McMaster Carr | 843.11 | maintenance supplies |
| 10/22/19 | 9252 | RBMB | 849.76 | water sample analysis |
| 10/22/19 | 9253 | Western Water Works | 1,283.31 | maintenance supplies |
| 10/22/19 | 9254 | John McDannel | 650.00 | net refund on deposit |
| 10/31/19 | EFT4069 | Bernadette C. Allen | 1,707.35 | salary |
| 10/31/19 | EFT4070 | Joel D. Bundy | 1,631.86 | salary |
| 10/31/19 | EFT4071 | Christopher A. Burt | 3,757.24 | salary |
| 10/31/19 | EFT4072 | Timothy J. Eldridge | 92.35 | salary |
| 10/31/19 | EFT4073 | Brian L. Fry | 1,922.64 | salary |
| 10/31/19 | EFT4074 | Francis J. Griffith | 92.35 | salary |
| 10/31/19 | EFT4075 | Gerrie G. Kilburn | 92.35 | salary |
| 10/31/19 | EFT4076 | Melvin L. Matthews | 3,851.78 | salary |
| 10/31/19 | EFT4077 | Arthur W. Opel | 92.35 | salary |
| 10/31/19 | EFT4078 | Juan R. Tello | 1,795.57 | salary |
| 10/31/19 | EFT4079 | Christopher A. Burt | 150.00 | salary |
| 10/31/19 | EFT4080 | Automatic Data Processing, Inc. | 6,622.01 | payroll taxes and withholdings |
| 10/31/19 | EFT4081 | Automatic Data Processing, Inc. | 87.58 | payroll processing fees |
| 10/31/19 | EFT4082 | AT&T Mobility | 130.79 | FirstNet cell phone service |
| 10/31/19 | EFT4083 | Umpqua Bank | 4,493.63 | credit card - see attached detail Sept 2019 |
| | Total | | <u>186,253.36</u> | |

**Credit Card Detail Umpqua Bank
September 2019**

(Expenses incurred/billed in September and due/paid in October)

| Acct. No. | Account Description | Additional Description | MLM | CAB | BLF | JDB | BCA | JRT | TOTAL |
|--------------|--------------------------|--|------------|------------|----------|----------|----------|----------|------------|
| 1514 | Computer/Office Equip. | | | | | | | | \$0.00 |
| 5010 | Maintenance Supplies | hose bib valve, batteries; interstate battery, stencils; broom, spray paint, trowel | | \$854.50 | | \$161.18 | | \$122.93 | \$1,138.61 |
| 5012 | Safety Equipment | arc flash shirt & hard hat | | \$374.54 | | | | | \$374.54 |
| 5022 | Training/Certification | | | | | | | | \$0.00 |
| 5025 | Water Treatment/Analysis | 40 lb. solar salt | | | \$896.97 | | | | \$896.97 |
| 5035 | Vehicle Maintenance | antifreeze | | \$39.67 | | | | | \$39.67 |
| 5036 | Fuel | | | | | | | | \$0.00 |
| 6017 | Adm. Travel | | | | | | | | \$0.00 |
| 6021 | Adm. & Bd. Exp. | hotel for CSDA conference | \$237.61 | | | | | | \$237.61 |
| 6035 | Office/Computer Supplies | printer toner; paper towels, toilet paper, letter openers, trash bags, printer paper, binders, envelopes; gatorade | \$689.58 | | | \$295.15 | | \$21.60 | \$1,006.33 |
| 6036 | Postage/Delivery | stamps, certified mail | | | | | \$724.90 | | \$724.90 |
| 6040 | Professional Dues | | | | | | | | \$0.00 |
| 6050 | Telephone | answering service | \$75.00 | | | | | | \$75.00 |
| 6051 | Mobile Phone | | | | | | | | \$0.00 |
| 6053 | Internet Service | | | | | | | | \$0.00 |
| 6059 | Computer/Software Maint. | | | | | | | | \$0.00 |
| 6061 | Office Equipment Maint. | | | | | | | | \$0.00 |
| 6075 | Outside Services | | | | | | | | \$0.00 |
| 6081 | Permits/Fees | | | | | | | | \$0.00 |
| TOTAL | | | \$1,002.19 | \$1,268.71 | \$896.97 | \$456.33 | \$724.90 | \$144.53 | \$4,493.63 |

General Manager's Report for the Board of Directors Meeting on November 19, 2019

I. Customer Account Information and Internet Usage

A. Delinquent Accounts –

25 accounts received past-due notice
 24 accounts received late charges in the total amount of \$416.35
 10 accounts received door hanger shut off notice
 0 account was shut off for non-payment
 0 account remain shut off for non-payment

B. Aged Receivables –

| Month | Current | 30 days | 60 days | 90 days or greater | Total |
|-----------|-------------|------------|----------|--------------------|-------------|
| January | \$19,576.69 | \$3,491.39 | \$0.00 | \$0.00 | \$23,068.08 |
| February | \$32,588.72 | \$4,502.38 | \$381.98 | \$0.00 | \$37,473.08 |
| March | \$18,623.41 | \$2,023.53 | \$64.12 | \$59.92 | \$20,770.98 |
| April | \$35,258.88 | \$1,661.07 | \$247.83 | \$124.04 | \$37,291.82 |
| May | \$29,629.02 | \$1,897.19 | \$98.82 | \$216.54 | \$31,841.57 |
| June | \$30,403.95 | \$3,358.89 | \$0.00 | \$0.00 | \$33,762.84 |
| July | \$36,644.36 | \$2,775.65 | \$0.00 | \$0.00 | \$39,420.01 |
| August | \$42,059.76 | \$1,383.85 | \$0.00 | \$0.00 | \$43,443.61 |
| September | \$46,553.77 | \$2,574.86 | \$0.00 | \$0.00 | \$49,128.63 |
| October | \$60,921.43 | \$4,985.08 | \$264.23 | \$0.00 | \$66,170.74 |
| November | | | | | |
| December | | | | | |

C. Internet Usage –

| Month | Users | Page Views | Online Payments | Online Amount |
|--------------|-------|------------|-----------------|---------------|
| January | 227 | 657 | 76 | \$19,881.25 |
| February | 171 | 414 | 58 | \$10,629.13 |
| March | 226 | 457 | 77 | \$12,350.13 |
| April | 196 | 483 | 61 | \$9,696.11 |
| May | 223 | 517 | 66 | \$14,734.69 |
| June | 231 | 465 | 64 | \$12,255.22 |
| July | 183 | 397 | 71 | \$17,881.28 |
| August | 224 | 621 | 82 | \$22,512.60 |
| September | 249 | 661 | 69 | \$17,427.71 |
| October | 202 | 548 | 78 | \$21,966.42 |
| November | | | | |
| December | | | | |
| Year to Date | 2,132 | 5,220 | 702 | \$159,334.54 |

II. General Manager's Projects and Activities

A. Water Main Improvement Projects – Design work is in progress.

B. Website Redesign – The project has been completed and the KID website is now in compliance with the transparency requirements and new Accessibility/ADA legislation.

C. Activities/Meetings/Webinars/Conferences

| Subject or Organization | Location | Start | End | Purpose/Notes/Action/Benefit |
|-------------------------|-----------------------|----------------------------|----------------------------|--|
| Staff Meetings | Office | Mondays 9:00 AM | Mondays 10:00 AM | <ul style="list-style-type: none"> • Tasks for the week • Projects -- current and future • Operations update • Customer service update • Operations update • GM update • Safety topic |
| RBMB | Azusa | Tue 10/1/2019 11:00 AM | Tue 10/1/2019 12:00 PM | <ul style="list-style-type: none"> • Pumping/Storage Mtg |
| RBMB | Azusa | Tue 10/1/2019 12:00 PM | Tue 10/1/2019 1:00 PM | <ul style="list-style-type: none"> • Finance/Admn Mtg |
| EPA | Webinar | Wed 10/16/2019 10:00 AM | Wed 10/16/2019 11:00 AM | <ul style="list-style-type: none"> • Updated Power Resilience Guide and Amateur Radio Emergency Service |
| KID | Office | Tue 10/22/2019 3:00 PM | Tue 10/22/2019 4:30 PM | <ul style="list-style-type: none"> • Regular board meeting |
| FMWD | La Canada | Wed 10/23/2019 10:00 AM | Wed 10/23/2019 12:00 PM | <ul style="list-style-type: none"> • Managers' Meeting |
| Umpqua Bank | Webinar | Thu 10/24/2019 9:00 AM | Thu 10/24/2019 10:00 AM | <ul style="list-style-type: none"> • Commercial Card Admin Education |
| FMWD | La Canada | Mon 10/28/2019 3:00 PM | Mon 10/28/2019 5:00 PM | <ul style="list-style-type: none"> • Board meeting |
| PWAG | Walnut Water District | Thu 10/31/2019 10:00 AM | Thu 10/31/2019 2:00 PM | <ul style="list-style-type: none"> • Mutual Assistance Event |

III. System and Facility Activities and Incident Reports

A. Water Leak/Water Waste/Water Quality/Customer Contact

| Location | Type | Date | Description |
|-----------------------------|------------------|------------|---|
| Old Grove Road | Water Leak | 10/3/2019 | Customer received leak notice. Field staff determined that the leak was at the meter gasket on customer's side of meter and repaired it. |
| Mesaloe Lane | Water Leak | 10/4/2019 | Water main leak (memo included in last month's October 22 meeting agenda packet) |
| Kinneloa Canyon Road | Customer Contact | 10/7/2019 | Customer requested assistance in finding water meter to install Flume device. Field staff dug out meter box and discovered that curb stop was leaking. Repair to curb stop to be made at a future date. |
| Barhite Street | Customer Contact | 10/11/2019 | Customer called concerning high water bill and asked us to verify that it was correct. |
| Country Lane | Customer Contact | 10/11/2019 | Customer called concerning high water bill and asked us to verify that it was correct. No leak was indicated when field staff went to premises. |
| Mesaloe Lane | Customer Contact | 10/12/2019 | Customer called concerning high water bill and asked us to verify that it was correct. No leak was indicated when I went to premises. I explained that the billing period was 35 days this month. I also collected the usage history which indicated that the high usage was due to outdoor irrigation. |
| Kinneloa Mesa Road | Customer Contact | 10/15/2019 | Customer called concerning high water bill and asked us to verify that it was correct. No leak was indicated when field staff went to premises. |
| Vosburg Street | Customer Contact | 10/16/2019 | Customer reported broken register glass. It was apparently caused by plumber replacing main line to house. |
| Old Grove Road | Water Leak | 10/23/2019 | Director Eldridge reported that water was running down street. Customer apparently turned on irrigation valve by mistake and left it running. |
| Ranch Top Road | Customer Contact | 10/25/2019 | Office called customer to expect a high water bill. Field Staff removed register and endpoint and brought it to the office to collect usage history to aid the customer to determine when the high usage occurred. |
| Kinneloa Mesa Road | Customer Contact | 10/28/2019 | Office called customer to expect a high water bill. Field Staff removed register and endpoint and brought it to the office to collect usage history to aid the customer to determine when the high usage occurred. |
| Cricklewood Path | Customer Contact | 10/28/2019 | Customer requested that the water be shut off to facilitate work on the property. |
| Edgecliff Lane | Water Leak | 10/31/2019 | Field staff determined that there is still a leak on the property. |

B. Current and Completed Capital Improvement, Facilities Improvement, Maintenance and Repair Projects and Activities

1. Routine daily and monthly activities
 - a. Operator training
 - b. Meter and transmitter maintenance and replacement
 - c. Water samples
 - d. Vehicle and equipment maintenance and testing
 - e. Facility cleanup
 - f. Production meter readings
 - g. Chlorine generator maintenance
 - h. Meter reading
 - i. Customer service calls
 - j. Responding to Underground Service Alerts (USA's) to mark our pipelines
2. Facility and Equipment Repair and Maintenance for October
 - a. Replace meter box and reinstall meter
 - b. Replace Holy Cl2 water softener brine line
 - c. Repair irrigation tubing on slope at Vosburg Reservoir
 - d. Install new Cl2 pump for Delores tunnel
 - e. Repair leak on K-3 Cl2 generator
 - f. Wilcox generator repair
 - g. PCIC meter repair
 - h. Sage booster pilot light upgrade and replace building exhaust fan
 - i. Wilcox ATS repair
3. Completed Capital Improvement and Maintenance Projects
 - a. Inspection and cleanout of Eucalyptus and Wilcox Reservoirs
 - b. Repair leaks in Brown Reservoir
 - c. Replace 17 obsolete SCADA radios at all sites and install radio diagnostic program
 - d. Replace Glen Reservoir chlorination equipment
 - e. Install anti-slip treads to Vosburg warehouse stairs
 - f. Install advanced water meter analytics at 11 locations for cellular data collection test

C. Future Capital Improvement Projects, Facilities Improvement, Maintenance and Repair Projects

1. Install additional shelving at Vosburg Warehouse and organize inventory of maintenance parts
2. Replace chlorination equipment at Eucalyptus Reservoir
3. Install solar panel, battery and charger for utility power backup at Transfer Valve
4. Remove, replace and widen Office driveway and expand parking area
5. Replace 1996 Chevrolet and 1999 Ford pickups with new pickups and accessory equipment
6. Replace 50 hp booster (motor and pump) and sandblast and paint pump stand at Wilcox Reservoir
7. Sierra Madre Villa and Villa Heights Pipeline Improvement Project (Design phase in progress)
8. Brown/Glen Pipeline Improvement Project (Design phase in progress)

IV. Water Supply Summary as of September for the Watermaster Year July 2019 through June 2020

| Raymond Basin Groundwater (Acre Feet) | | Kinneloa Irrigation District Water Tunnels (Acre Feet) | |
|---|------------|---|-----|
| Water Rights | 516 | Eucalyptus | 4 |
| Prior Year Carryover | 52 | Far Mesa | 2 |
| Less Temporary 30% Reduction in Water Rights | -155 | Delores | 2 |
| Leases/Exchanges | 0 | House | 0 |
| Prior Year Spreading | 88 | Holly High/Low | 5 |
| Short Term Storage | 128 | | |
| Current Year Spreading | 0 | | |
| Total Allowable Extractions | 629 | | |
| Less Water Extracted YTD This Watermaster Year | -186 | Current Tunnel Monthly Production | 13 |
| Remaining Allowable Groundwater Extractions through June 2020 | 443 | Remaining Estimated Tunnel Production through June 2020 | 117 |
| Total Available Water Supply (Remaining Allowable Groundwater + Remaining Estimated Tunnel Production through June 2020) | | 560 Acre Feet | |
| Less Remaining Forecasted Retail Water Sales through June 2020 | | -383 Acre Feet | |
| Surplus Water through June 2020* | | 177 Acre Feet | |

* This is the forecasted surplus water available for sale in the current year and/or carryover to the next Watermaster year which starts on July 1 subject to the carryover limits established by the Raymond Basin Management Board. Regarding the available surplus water, we will generally maximize the carryover to the next year and deliver the balance of the forecasted surplus water (if any) to the City of Pasadena. In the 2018-2019 year, 134 Acre-Feet were sold to the City, 52 Acre-Feet were carried over to 2019-2020 and 128 Acre-Feet were put into our short-term storage account. Although we may lease additional pumping rights from another agency with surplus pumping rights, this is not considered a guaranteed source of supply since it is subject to negotiation. In addition to the available water, the KID has 782 Acre Feet in a long-term storage account. Additions to long-term storage are no longer permitted but withdrawals can be made at any time to supplement allowable extractions. However, since long-term storage is considered by KID staff to be an emergency supply, we do not plan to use or sell this water now.

V. Information Items

A. Water Samples and Test Results – See Attachment A

Attachment A

Water Samples and Test Results

| Sample Date | Source or Distribution | Lab | Description | # of tests | Results** | Maximum Contaminant Level* (MCL) |
|-------------|------------------------|----------|-------------------------|------------|---------------|----------------------------------|
| 01/04/19 | Source | Weck | Title 22 DEHP | 5 | ND or A | 4 ppb |
| 01/04/19 | Source | Weck | Title 22 nitrate | 2 | 4.4 ppm | 10 ppm |
| 01/04/19 | Source | Weck | Title 22 fluoride | 5 | 1.1 - 2.7 ppm | 3 ppm |
| 01/08/19 | Distribution | Clinical | color, odor, turbidity* | 18 | <MCL | 15 units, 3 units, 5 units |
| 01/08/19 | Distribution | Clinical | fluoride | 6 | 1.0 - 1.4 ppm | 3 ppm |
| 01/08/19 | Both | Eurofins | coliform, e. coli | 72 | ND or A | 1 positive sample |
| 01/22/19 | Both | Eurofins | coliform, e. coli | 64 | ND or A | 1 positive sample |
| 01/22/19 | Source | Eurofins | coliform, e. coli | 8 | ND or A | 1 positive sample |
| 02/04/19 | Source | Weck | Title 22 VOC | 67 | ND or A | 1 positive sample |
| 02/04/19 | Source | Weck | Title 22 1,2,3 TCP | 1 | ND or A | 0.005ppb |
| 02/04/19 | Source | Weck | Title 22 DEHP | 1 | ND or A | 4ppb |
| 02/04/19 | Source | Weck | Title 22 nitrate | 1 | 2.7ppm | 10ppm |
| 02/04/19 | Source | Weck | Title 22 fluoride | 1 | 2.3ppm | 2ppm |
| 02/04/19 | Source | Weck | Title 22 Uranium | 1 | 2.7pCi/L | 20pCi/L |
| 02/06/19 | Both | Eurofins | coliform, e. coli | 72 | ND or A | 1 positive sample |
| 02/06/19 | Both | Eurofins | coliform, e. coli | 8 | ND or A | 1 positive sample |
| 02/07/19 | Distribution | Clinical | color, odor, turbidity* | 18 | <MCL | 15 units, 3 units, 5 units |
| 02/07/19 | Both | Eurofins | coliform, e. coli | 8 | ND or A | 1 positive sample |
| 02/07/19 | Both | Eurofins | coliform, e. coli | 8 | ND or A | 1 positive sample |
| 02/19/19 | Both | Eurofins | coliform, e. coli | 64 | ND or A | 1 positive sample |
| 03/04/19 | Both | Eurofins | coliform, e. coli | 80 | ND or A | 1 positive sample |
| 03/05/19 | Distribution | Clinical | color, odor, turbidity* | 18 | <MCL | 15 units, 3 units, 5 units |
| 03/06/19 | Both | Eurofins | coliform, e. coli | 16 | ND or A | 1 positive sample |
| 03/07/19 | Both | Eurofins | coliform, e. coli | 16 | ND or A | 1 positive sample |
| 03/19/19 | Both | Eurofins | coliform, e. coli | 64 | ND or A | 1 positive sample |
| 04/02/19 | Distribution | Clinical | color, odor, turbidity* | 18 | <MCL | 15 units, 3 units, 5 units |
| 04/02/19 | Distribution | Clinical | fluoride | 6 | 1.2 - 1.6 ppm | 3 ppm |
| 04/02/19 | Both | Eurofins | coliform, e. coli | 80 | ND or A | 1 positive sample |
| 04/04/19 | Source | Weck | Title 22 fluoride | 3 | 1.1 - 2.6 ppm | 3 ppm |
| 04/04/19 | Source | Weck | Title 22 nitrate | 2 | 0.8 - 4.4 ppm | 10 ppm |
| 04/04/19 | Source | Weck | Title 22 1,2,3 TCP | 4 | ND | 80 ppb |
| 04/15/19 | Both | Eurofins | coliform, e. coli | 64 | ND or A | 1 positive sample |
| 05/08/19 | Distribution | Clinical | color, odor, turbidity* | 18 | <MCL | 15 units, 3 units, 5 units |
| 05/08/19 | Both | Eurofins | coliform, e. coli | 80 | ND or A | 1 positive sample |
| 05/08/19 | Distribution | Eurofins | coliform, e. coli | 16 | ND or A | 1 positive sample |
| 05/09/19 | Distribution | Eurofins | coliform, e. coli | 16 | ND or A | 1 positive sample |
| 05/21/19 | Both | Eurofins | coliform, e. coli | 64 | ND or A | 1 positive sample |
| 06/04/19 | Distribution | Clinical | color, odor, turbidity* | 18 | <MCL | 15 units, 3 units, 5 units |
| 06/04/19 | Both | Eurofins | coliform, e. coli | 80 | ND or A | 1 positive sample |
| 06/18/19 | Both | Eurofins | coliform, e. coli | 64 | ND or A | 1 positive sample |
| 07/08/19 | Distribution | Clinical | color, odor, turbidity* | 18 | <MCL | 15 units, 3 units, 5 units |
| 07/08/19 | Both | Eurofins | coliform, e. coli | 80 | ND or A | 1 positive sample |

Attachment A

Water Samples and Test Results

| Sample Date | Source or Distribution | Lab | Description | # of tests | Results** | Maximum Contaminant Level* (MCL) |
|-------------|------------------------|----------|-------------------------|------------|----------------------|----------------------------------|
| 07/19/19 | Source | Weck | Title 22 fluoride | 6 | 1.1 - 2.8 | 2 ppm |
| 07/19/19 | Source | Weck | Title 22 nitrate | 2 | 4.1 - 4.3 | 10 ppm |
| 07/23/19 | Both | Eurofins | coliform, e. coli | 64 | ND or A | 1 positive sample |
| 07/25/19 | Residences | Clinical | lead & copper*** | 20 | ND-100ppb, ND-1.4ppm | 15 ppb, 1.3 ppm |
| 08/06/19 | Both | Eurofins | coliform, e. coli | 88 | ND or A | 1 positive sample |
| 08/09/19 | Distribution | Clinical | color, odor, turbidity* | 18 | <MCL | 15 units, 3 units, 5 units |
| 08/20/19 | Both | Eurofins | coliform, e. coli | 56 | ND or A | 1 positive sample |
| 08/20/19 | Residence | Clinical | lead & copper*** | 2 | ND, 0.10ppm | 15 ppb, 1.3 ppm |
| 09/10/19 | Distribution | Clinical | color, odor, turbidity* | 18 | <MCL | 15 units, 3 units, 5 units |
| 09/10/19 | Both | Eurofins | coliform, e. coli | 80 | ND or A | 1 positive sample |
| 09/24/19 | Both | Eurofins | coliform, e. coli | 16 | ND or A | 1 positive sample |
| 10/08/19 | Distribution | Clinical | color, odor, turbidity* | 18 | <MCL | 15 units, 3 units, 5 units |
| 10/08/19 | Distribution | Clinical | fluoride | 6 | 1.0 - 1.4 ppm | 3 ppm |
| 10/08/19 | Both | Eurofins | coliform, e. coli | 72 | ND or A | 1 positive sample |
| 10/08/19 | Both | Eurofins | coliform, e. coli | 16 | ND or A | 1 positive sample |
| 10/08/19 | Source | Weck | Title 22 fluoride | 6 | 1.1 - 2.8 | 2 ppm |
| 10/08/19 | Source | Weck | Title 22 nitrate | 2 | 4.2 - 4.3 | 10 ppm |
| 10/22/19 | Both | Eurofins | coliform, e. coli | 56 | ND or A | 1 positive sample |

Total samples as of 10/31/19: 1801

* Color, odor, and turbidity are regulated by a secondary standard to maintain aesthetic qualities.

** ppm = parts-per-million, ppb = parts-per-billion, pCi/L = picocuries per liter, <MCL = less than Maximum Contaminant Level, ND = not detected, A = Absence

*** In July 2019, 10 residences were tested for lead and copper at the tap. Copper was detected in 7 samples. lead was detected in 2 samples. The 90th percentile values for the District were below the lead action level of 15 ppb and below the copper action level of 1.3 ppm. One residence exceeded both the lead and copper action level. Inquiry revealed sample was taken at a new faucet bathroom tap that was used infrequently. Resample of residence at kitchen tap in August 2019 resulted in ND for lead and 0.10 ppm for copper.