# DANVILLE UTILITY COMMISSION AGENDA

## CITY COUNCIL CHAMBERS

## August 28, 2023

## 4:00 PM

**A. CALL TO ORDER**

**B. ROLL CALL**

**C. ITEMS FOR DISCUSSION**

1. Minutes of the July 24, 2023 Commission Meeting
2. Financial Report
3. Presentation on the Upgrades and Changes at the Wastewater Plant

**ADJOURN**

*Next Meeting: September 25, 2023 at 4:00pm*

**Danville Utility Commission**

# STAFF REPORT

DATE: August 28, 2023

TO: Danville Utility Commission

FROM:

RE: Minutes of the July 24, 2023 Commission Meeting

**ATTACHMENTS**

1. July 24 2023 DUC Minutes

**Danville Utility Commission**
4:00 p.m. July 24, 2023 Meeting
Council Chambers, City Hall
**Minutes**

| | |
|---|---|
| **Commission Members Present:** | Vanessa Cain, Helm Dobbins, Mary Williamson, Sheila Williamson-Branch, Michael Adkins*, Anna Kautzman, Gary Miller, Ronald Scearce |
| **Commission Members Absent:** | Steven Merricks |
| **Staff Present:** | Ryan Dodson, Jason Grey, Janet Davis, Amy Chandler, Tiffany Swanson-Jones |

**Michael Adkins was acting City Manager in Ken Larking's absence*

**Others Present:**

## Election of Chair/Vice-Chair

Mr. Ryan Dodson from the City Attorney's office called the meeting to order and held the Chairman and Vice Chairman elections. Ms. Williamson-Branch nominated Ms. Cain to the office of Chairman. Hearing no other nominations, Mr. Dodson closed the nominations. All members voted in favor and the nomination passed unanimously. Ms. Cain nominated Mr. Dobbins to the office of Vice Chairman. Hearing no other nominations, Mr. Dodson closed the nominations. All members voted in favor, and the nomination passed unanimously.

## Discussion/Business Items

### Minutes of June 26, 2023 Commission Meeting

Ms. Cain asked for any corrections, deletions, or adjustments to the minutes from June 26, 2023.

Mr. Dobbins made a motion to approve the minutes. Ms. Kautzman seconded, all members voted in favor, and the motion carried unanimously.

### Review of Utilities' Financial Statements

Ms. Chandler presented the utility financial statements for each utility fund and answered questions from Commissioners.

Power Supply Update
Jason Grey provided an update summarizing the current power supply portfolio and provided a recommendation for additional peaking resources needed for future growth.

Mr. Dobbins asked why there were negative values on the 2024 Danville Monthly Energy Chart for February, April, and May. Mr. Grey explained that during those months Danville Utilities is forecasted to be over subscribed. If the months are milder, Danville Utilities can sell that excess power back to the market.

Dr. Miller asked if there was much benefit to battery storage. Mr. Grey responded that the existing battery storage saved approximately $1.2 million last year.

Mr. Dobbins inquired about investing in modular nuclear energy. Mr. Grey responded that this may be a good option to one day replace Prairie State once it goes offline.

Department Discussions

Ms. Cain thanked Mr. Dobbins for holding the meeting in June in her absence.

Ms. Cain ask for comments from the public or from commission members. There was no further communication from either.

**Adjournment**

Ms. Cain stated the next meeting is scheduled for August 28, 2023. Mr. Dobbins made a motion to adjourn. Mr. Williamson-Branch seconded the motion. All members voted in favor, and the motion carried unanimously. There being no further business, Ms. Cain adjourned the meeting at 4:38 p.m.

**August 28, 2023**
Date Approved

Submitted by Janet Davis
Secretary to the DUC

Chairman
Danville Utility Commission

**Danville Utility Commission**

# STAFF REPORT

DATE: August 28, 2023

TO: Danville Utility Commission

FROM:

RE: Financial Report

**ATTACHMENTS**

1. DUC Financial Packet June 2023

***CITY OF DANVILLE***
***UTILITY FUNDS***
***COMBINING STATEMENT OF NET ASSETS - UNAUDITED***
***JUNE 30, 2023***

| | | WASTEWATER | WATER | GAS | ELECTRIC | TELECOM | JUNE 30, 2023 |
|---|---|---|---|---|---|---|---|
| **ASSETS** | | | | | | | |
| Equity in pooled Cash and Investments | $ | 7,572,674.15 | 16,734,519.42 | 15,245,490.95 | 32,579,775.20 | 1,244,997.76 | 73,377,457.48 |
| Receivables (Net of allowances for Uncollectible): | | | | | | | |
| Accounts | | 1,193,596.28 | 970,485.43 | 1,576,257.39 | 13,272,911.74 | 16,025.81 | 17,029,276.65 |
| Power/Gas Cost Recovery | | - | - | (435,993.29) | (2,120,789.56) | - | (2,556,782.85) |
| Pension Assets | | 109,448.00 | 198,503.00 | 136,979.00 | 617,919.00 | 20,744.00 | 1,083,593.00 |
| Inventory of Gas, Materials and Supplies, at Cost | | - | 993,505.65 | 1,065,125.50 | 2,938,293.34 | 184,332.08 | 5,181,256.57 |
| Fixed Assets | | 106,684,221.03 | 84,422,541.22 | 71,703,344.50 | 318,937,849.38 | 11,226,134.30 | 592,974,090.43 |
| Accumulated Depreciation | | (53,278,788.36) | (44,884,074.75) | (31,275,785.10) | (144,445,408.31) | (4,777,030.65) | (278,661,087.17) |
| Deferred Outflows - Pension | | 429,700.00 | 779,334.00 | 537,790.00 | 2,425,991.00 | 81,443.00 | 4,254,258.00 |
| TOTAL ASSETS | $ | 62,710,851.10 | 59,214,813.97 | 58,553,208.95 | 224,206,541.79 | 7,996,646.30 | 412,682,062.11 |
| **LIABILITIES AND NET ASSETS** | | | | | | | |
| Liabilities | | | | | | | |
| Accounts Payable | $ | 862,497.59 | 871,103.58 | 810,357.93 | 12,035,408.44 | 37,859.86 | 14,617,227.40 |
| Accrued Interest Payable | | 22,487.87 | 111,687.88 | 10,742.85 | 668,400.51 | - | 813,319.11 |
| Customer Deposits | | - | | - | 4,074,666.50 | - | 4,074,666.50 |
| Accrued Vacation, Sick Leave & Workers Comp. | | - | 155,673.98 | 86,380.94 | 614,499.48 | 10,973.20 | 867,527.60 |
| Deferred Gain / Loss - Refunding Bonds | | (91,602.10) | (88,594.45) | (47,175.24) | (986,737.42) | - | (1,214,109.21) |
| Original Issue Premium/Discount (Refunding Bonds) | | 117,040.57 | 870,708.76 | 55,572.99 | 5,023,065.15 | - | 6,066,387.47 |
| General Obligation Bonds Payable | | 1,202,203.87 | 4,646,580.69 | 669,252.94 | 47,989,672.13 | - | 54,507,709.63 |
| Revenue Bonds Payable | | - | 3,702,857.14 | - | 2,777,142.86 | - | 6,480,000.00 |
| Long-Term Leases, Notes, and Contracts Payable | | - | - | - | 375,609.12 | - | 375,609.12 |
| TOTAL LIABILITIES | $ | 2,112,627.80 | 10,270,017.58 | 1,585,132.41 | 72,571,726.77 | 48,833.06 | 86,588,337.62 |
| Net Assets | | | | | | | |
| Contributed Capital | $ | 4,090,197.60 | 4,676,282.92 | 1,340,510.58 | 13,721,622.53 | 337,248.59 | 24,165,862.22 |
| Retained Earnings: | | | | | | | |
| Restricted for Investment in Fixed Assets | $ | 48,087,592.73 | 25,730,631.41 | 38,409,398.13 | 105,967,675.82 | 6,111,855.06 | 224,307,153.15 |
| Restricted for Incomplete Projects | | 4,586,079.76 | 12,508,232.25 | 7,950,126.90 | 5,968,714.93 | 475,403.37 | 31,488,557.21 |
| Restricted for Subsequent Expenses | | 328,531.17 | 21,113.99 | 221,282.89 | 1,355,648.78 | 1,000.00 | 1,927,576.83 |
| Net Pension Assets | | 109,448.00 | 198,503.00 | 136,979.00 | 617,919.00 | 20,744.00 | 1,083,593.00 |
| Deferred Outflows - Pension | | 429,700.00 | 779,334.00 | 537,790.00 | 2,425,991.00 | 81,443.00 | 4,254,258.00 |
| Unrestricted | | 3,396,374.04 | 5,810,032.82 | 8,909,779.04 | 24,003,233.95 | 1,001,562.22 | 43,120,982.07 |
| Total Retained Earnings | $ | 56,508,025.70 | 44,268,513.47 | 55,627,565.96 | 137,913,192.48 | 7,610,564.65 | 301,927,862.26 |
| TOTAL NET ASSETS | $ | 60,598,223.30 | 48,944,796.39 | 56,968,076.54 | 151,634,815.01 | 7,947,813.24 | 326,093,724.48 |
| TOTAL LIABILITIES AND NET ASSETS | $ | 62,710,851.10 | 59,214,813.97 | 58,553,208.95 | 224,206,541.78 | 7,996,646.30 | 412,682,062.10 |

**_CITY OF DANVILLE_**
**_UTILITY FUNDS_**
**_COMBINING STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN FUND NET ASSETS_**
**_FOR THE PERIOD ENDED JUNE 30, 2023_**

| | | WASTEWATER | WATER | GAS | ELECTRIC | TELECOM | JUNE 30, 2023 |
|---|---|---|---|---|---|---|---|
| Operating revenues: | | | | | | | |
| Charges for Services | $ | 8,959,279.61 | 8,150,365.34 | 25,397,796.20 | 126,034,106.13 | 859,843.02 | 169,401,390.30 |
| Operating Expenses: | | | | | | | |
| Purchased Services | $ | - | - | 17,379,341.12 | 97,011,515.48 | 74,028.44 | 114,464,885.04 |
| Production | | - | - | - | 1,709.63 | - | 1,709.63 |
| Transmission & Treatment | | 3,439,922.54 | 2,103,537.06 | - | 1,746,185.26 | - | 7,289,644.86 |
| Engineering | | - | 215,420.94 | 217,756.15 | 886,598.43 | - | 1,319,775.52 |
| Distribution | | 2,613,662.80 | 767,899.11 | 745,878.25 | 14,917,761.66 | - | 19,045,201.82 |
| Service | | 81,369.93 | 80,232.20 | 50,258.33 | - | - | 211,860.46 |
| Meters & Regulators | | - | 101,359.26 | 134,440.84 | 471,381.40 | 1,987.67 | 709,169.17 |
| Administrative | | 1,856,963.33 | 3,864,608.27 | 3,730,532.34 | 7,054,459.41 | 909,618.15 | 17,416,181.50 |
| Total Operating Expenses | $ | 7,991,918.60 | 7,133,056.84 | 22,258,207.03 | 122,089,611.27 | 985,634.26 | 160,458,428.00 |
| Operating Income (Loss) | $ | 967,361.01 | 1,017,308.50 | 3,139,589.17 | 3,944,494.86 | (125,791.24) | 8,942,962.30 |
| Non-Operating Revenues (Expenses): | | | | | | | |
| Jobbing Income (Loss) | | 30,119.27 | 160,682.88 | 176,337.24 | 1,466,745.22 | (1,345.28) | 1,832,539.33 |
| Interest Income | | 52,830.85 | 50,957.59 | 66,860.96 | 153,242.20 | 5,441.47 | 329,333.07 |
| Energy Efficiency Recovery | | - | - | - | - | - | - |
| Gain (Loss) on Disposal of Property | | - | - | - | 81,956.64 | - | 81,956.64 |
| Recoveries and Rebates | | - | 5,196.58 | 18,731.29 | 564,089.21 | - | 588,017.08 |
| Interest Expense | | (48,196.21) | (148,800.60) | (25,311.92) | (1,533,197.40) | - | (1,755,506.13) |
| Total Non-Operating Revenues (Expenses) | $ | 34,753.91 | 68,036.45 | 236,617.57 | 732,835.87 | 4,096.19 | 1,076,339.99 |
| Income (Loss) Before Operating Transfers | $ | 1,002,114.92 | 1,085,344.95 | 3,376,206.74 | 4,677,330.73 | (121,695.05) | 10,019,302.29 |
| Operating Transfers: | | | | | | | |
| Transfers In (Out) | | (705,760.00) | (953,300.00) | (3,196,330.00) | (10,572,610.00) | (81,000.00) | (15,509,000.00) |
| Total Operating Transfers | $ | (705,760.00) | (953,300.00) | (3,196,330.00) | (10,572,610.00) | (81,000.00) | (15,509,000.00) |
| Net Income (Loss) | $ | 296,354.92 | 132,044.95 | 179,876.74 | (5,895,279.27) | (202,695.05) | (5,489,697.71) |
| Net Assets - July 1, 2022, as restated | | 60,237,956.22 | 48,812,751.44 | 56,788,199.80 | 157,530,095.86 | 8,150,508.29 | 331,519,511.61 |
| Net Income (Loss) | | 296,354.92 | 132,044.95 | 179,876.74 | (5,895,279.27) | (202,695.05) | (5,489,697.71) |
| Contribution In Aid of Construction | | 63,912.16 | - | - | - | - | 63,912.16 |
| Net Assets -June 30, 2023 | $ | 60,598,223.30 | 48,944,796.39 | 56,968,076.54 | 151,634,816.59 | 7,947,813.24 | 326,093,726.06 |

UTILITY FUNDS
STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN FUND NET ASSETS - UNAUDITED
FOR THE PERIOD ENDED JUNE 30, 2023

**WASTEWATER - PRE CLOSING**

| | ORIGINAL BUDGET 2022-23 | ADJUSTMENTS AND CARRYFORWARDS | CURRENT BUDGET 2022-23 | JUNE 2023 | PERCENT OF CURRENT BUDGET | JUNE 2022 |
|---|---|---|---|---|---|---|
| OPERATING REVENUE | 9,078,570.00 | | 9,078,570.00 | 8,959,279.61 | 98.69% | 8,911,831.10 |
| OPERATING EXPENSES | | | | | | |
| TRANSMISSION & TREATMENT | 3,406,230.00 | 10,645.11 | 3,416,875.11 | 3,439,922.54 | 100.67% | 2,965,012.68 |
| ENGINEERING | - | | - | - | | - |
| DISTRIBUTION | 2,562,230.00 | 251,152.37 | 2,813,382.37 | 2,613,662.80 | 92.90% | 2,143,141.10 |
| SERVICE | 153,300.00 | | 153,300.00 | 81,369.93 | 53.08% | 99,516.42 |
| METERS & REGULATORS | - | | - | - | | - |
| BAD DEBT | 36,000.00 | | 36,000.00 | 78,444.63 | 217.90% | 44,649.68 |
| GENERAL & ADMINISTRATIVE | 1,775,230.00 | | 1,775,230.00 | 1,778,518.70 | 100.19% | 1,727,182.27 |
| TOTAL OPERATING EXPENSES | 7,932,990.00 | 261,797.48 | 8,194,787.48 | 7,991,918.60 | 97.52% | 6,979,502.15 |
| OPERATING INCOME (LOSS) | 1,145,580.00 | (261,797.48) | 883,782.52 | 967,361.01 | 109.46% | 1,932,328.95 |
| NON-OPERATING REVENUE (EXPENSE) | | | | | | |
| INTEREST INCOME ON INVESTMENTS | 29,950.00 | 49,749.70 | 79,699.70 | 52,830.85 | 66.29% | (16,926.47) |
| RECOVERIES AND REBATES | - | | - | - | | 6,007.66 |
| GAIN/LOSS ON DISPOSAL | - | | - | - | | - |
| JOBBING INCOME (LOSS) | 40,000.00 | | 40,000.00 | 30,119.27 | 75.30% | 37,783.65 |
| INTEREST ON LONG TERM INDEBTEDNESS | (45,060.00) | (7,773.66) | (52,833.66) | (48,196.21) | 91.22% | (60,147.95) |
| NET INCOME (LOSS) | 1,170,470.00 | (219,821.44) | 950,648.56 | 1,002,114.92 | 105.41% | 1,899,045.84 |
| OPERATING TRANSFERS IN (OUT) | (705,760.00) | | (705,760.00) | (705,760.00) | 100.00% | (830,760.00) |
| NET INCOME AFTER TRANSFERS | 464,710.00 | (219,821.44) | 244,888.56 | 296,354.92 | 121.02% | 1,068,285.84 |
| CONTRIBUTION IN AID | 40,000.00 | | 40,000.00 | 63,912.16 | 159.78% | |
| REGULAR CAPITAL MAINTENANCE | (837,370.00) | 454,133.10 | (383,236.90) | (312,236.22) | 81.47% | |
| CAPITAL PROJECTS | (1,550,000.00) | (6,235,878.83) | (7,785,878.83) | (3,270,799.75) | 42.01% | |
| DEBT SERVICE | (145,330.00) | | (145,330.00) | (145,319.57) | 99.99% | |
| DEPRECIATION | 2,028,770.00 | | 2,028,770.00 | 2,028,768.00 | 100.00% | |

UTILITY FUNDS
STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN FUND NET ASSETS - UNAUDITED
FOR THE PERIOD ENDED JUNE 30, 2023

**WATER - PRE CLOSING**

| | ORIGINAL BUDGET 2022-23 | ADJUSTMENTS AND CARRYFORWARDS | CURRENT BUDGET 2022-23 | JUNE 2023 | PERCENT OF CURRENT BUDGET | JUNE 2022 |
|---|---|---|---|---|---|---|
| OPERATING REVENUE | 8,905,150.00 | | 8,905,150.00 | 8,150,365.34 | 91.52% | 8,283,876.40 |
| OPERATING EXPENSES | | | | | | |
| TRANSMISSION & TREATMENT | 1,967,950.00 | 29,660.57 | 1,997,610.57 | 2,103,537.06 | 105.30% | 1,874,533.44 |
| ENGINEERING | 359,270.00 | (2,255.00) | 357,015.00 | 215,420.94 | 60.34% | 227,659.33 |
| DISTRIBUTION | 723,140.00 | 2,434.41 | 725,574.41 | 767,899.11 | 105.83% | 785,739.07 |
| SERVICE | 148,410.00 | 4,300.00 | 152,710.00 | 80,232.20 | 52.54% | 45,530.84 |
| METERS & REGULATORS | 99,270.00 | | 99,270.00 | 101,359.26 | 102.10% | 86,308.64 |
| BAD DEBT | 30,000.00 | | 30,000.00 | 82,670.75 | 275.57% | 37,227.13 |
| GENERAL & ADMINISTRATIVE | 3,637,470.00 | 2,995.00 | 3,640,465.00 | 3,781,937.52 | 103.89% | 3,277,551.77 |
| TOTAL OPERATING EXPENSES | 6,965,510.00 | 37,134.98 | 7,002,644.98 | 7,133,056.84 | 101.86% | 6,334,550.22 |
| OPERATING INCOME (LOSS) | 1,939,640.00 | (37,134.98) | 1,902,505.02 | 1,017,308.50 | 53.47% | 1,949,326.18 |
| NON-OPERATING REVENUE (EXPENSE) | | | | | | |
| INTEREST INCOME ON INVESTMENTS | 33,800.00 | | 33,800.00 | 50,957.59 | 150.76% | (19,238.22) |
| RECOVERIES AND REBATES | 13,000.00 | | 13,000.00 | 5,196.58 | 39.97% | 13,289.90 |
| GAIN/LOSS ON DISPOSAL | 7,000.00 | | 7,000.00 | - | 0.00% | 3,387.50 |
| JOBBING INCOME (LOSS) | 72,510.00 | | 72,510.00 | 160,682.88 | 221.60% | 199,135.96 |
| INTEREST ON LONG TERM INDEBTEDNESS | (79,470.00) | | (79,470.00) | (148,800.60) | 187.24% | (57,864.37) |
| NET INCOME (LOSS) | 1,986,480.00 | (37,134.98) | 1,949,345.02 | 1,085,344.95 | 55.68% | 2,088,036.95 |
| OPERATING TRANSFERS IN (OUT) | (953,300.00) | | (953,300.00) | (953,300.00) | 100.00% | (1,078,300.00) |
| NET INCOME AFTER TRANSFERS | 1,033,180.00 | (37,134.98) | 996,045.02 | 132,044.95 | 13.26% | 1,009,736.95 |
| | | | | | | |
| CONTRIBUTION IN AID | - | | - | - | 0.00% | |
| REGULAR CAPITAL MAINTENANCE | (1,638,650.00) | (566,454.28) | (2,205,104.28) | (1,329,841.01) | 60.31% | |
| CAPITAL PROJECTS | (1,000,000.00) | (8,837,530.90) | (9,837,530.90) | (1,954,561.92) | 19.87% | |
| DEBT SERVICE | (130,740.00) | | (130,740.00) | - | 0.00% | |
| DEPRECIATION | 1,660,660.00 | | 1,660,660.00 | 54,520.00 | 3.28% | |

UTILITY FUNDS
STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN FUND NET ASSETS - UNAUDITED
FOR THE PERIOD ENDED JUNE 30, 2023

**GAS - PRE CLOSING**

| | ORIGINAL BUDGET 2022-23 | ADJUSTMENTS AND CARRYFORWARDS | CURRENT BUDGET 2022-23 | JUNE 2023 | PERCENT OF CURRENT BUDGET | JUNE 2022 |
|---|---|---|---|---|---|---|
| OPERATING REVENUE | 22,408,490.00 | | 22,408,490.00 | 25,397,796.20 | 113.34% | 26,054,799.38 |
| | - | | | | | |
| COST OF SALES | - | | | | | |
| PURCHASED SERVICES | 13,715,730.00 | | 13,715,730.00 | 17,379,341.12 | 126.71% | 17,473,601.02 |
| PRODUCTION | - | | - | - | | - |
| TOTAL COST OF SALES | 13,715,730.00 | - | 13,715,730.00 | 17,379,341.12 | | 17,473,601.02 |
| GROSS PROFIT | 8,692,760.00 | - | 8,692,760.00 | 8,018,455.08 | | 8,581,198.36 |
| GROSS PROFIT % | 38.79% | | 38.79% | 31.57% | | 32.94% |
| OPERATING EXPENSES | | | | | | |
| TRANSMISSION & TREATMENT | | | | - | | - |
| ENGINEERING | 374,400.00 | 9,115.79 | 383,515.79 | 217,756.15 | 56.78% | 228,226.87 |
| DISTRIBUTION | 731,290.00 | (4,415.57) | 726,874.43 | 745,878.25 | 102.61% | 617,993.86 |
| SERVICE | 149,820.00 | 5,000.00 | 154,820.00 | 50,258.33 | 32.46% | 37,054.30 |
| METERS & REGULATORS | 125,380.00 | | 125,380.00 | 134,440.84 | 107.23% | 103,694.61 |
| BAD DEBT | 55,000.00 | | 55,000.00 | 136,773.47 | 248.68% | 56,708.45 |
| GENERAL & ADMINISTRATIVE | 3,786,130.00 | 4,097.44 | 3,790,227.44 | 3,593,758.87 | 94.82% | 3,334,595.74 |
| TOTAL OPERATING EXPENSES | 5,222,020.00 | 13,797.66 | 5,235,817.66 | 4,878,865.91 | 93.18% | 4,378,273.83 |
| OPERATING INCOME (LOSS) | 3,470,740.00 | (13,797.66) | 3,456,942.34 | 3,139,589.17 | 90.82% | 4,202,924.53 |
| NON-OPERATING REVENUE (EXPENSE) | | | | | | |
| INTEREST INCOME ON INVESTMENTS | 41,550.00 | | 41,550.00 | 66,860.96 | 160.92% | (44,181.63) |
| RECOVERIES AND REBATES | (5,000.00) | | (5,000.00) | 18,731.29 | -374.63% | (1,318.63) |
| GAIN/LOSS ON DISPOSAL | - | | - | - | 0.00% | 16,918.17 |
| JOBBING INCOME (LOSS) | 111,400.00 | | 111,400.00 | 176,337.24 | 158.29% | (56,700.00) |
| INTEREST ON LONG TERM INDEBTEDNESS | (25,440.00) | | (25,440.00) | (25,311.92) | 99.50% | (31,534.46) |
| NET INCOME (LOSS) | 3,593,250.00 | (13,797.66) | 3,579,452.34 | 3,376,206.74 | 94.32% | 4,086,107.98 |
| OPERATING TRANSFERS IN (OUT) | (3,196,330.00) | | (3,196,330.00) | (3,196,330.00) | 100.00% | (3,321,330.00) |
| NET INCOME AFTER TRANSFERS | 396,920.00 | (13,797.66) | 383,122.34 | 179,876.74 | 46.95% | 764,777.98 |
| CONTRIBUTION IN AID | | | - | - | 0.00% | |
| REGULAR CAPITAL MAINTENANCE | (866,130.00) | (243,313.20) | (1,109,443.20) | (571,998.19) | 51.56% | |
| CAPITAL PROJECTS | (3,000,000.00) | (5,167,512.35) | (8,167,512.35) | (754,840.46) | 9.24% | |
| DEBT SERVICE | (88,430.00) | | (88,430.00) | - | 0.00% | |
| DEPRECIATION | 1,690,430.00 | | 1,690,430.00 | 1,690,428.00 | 100.00% | |

UTILITY FUNDS
STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN FUND NET ASSETS - UNAUDITED
FOR THE PERIOD ENDED JUNE 30, 2023

**ELECTRIC - PRE CLOSING**

| | ORIGINAL BUDGET 2022-23 | ADJUSTMENTS AND CARRYFORWARDS | CURRENT BUDGET 2022-23 | JUNE 2023 | PERCENT OF CURRENT BUDGET | JUNE 2022 |
|---|---|---|---|---|---|---|
| OPERATING REVENUE | 121,768,640.00 | | 121,768,640.00 | 126,034,106.13 | 103.50% | 123,835,314.87 |
| COST OF SALES | | | | | | |
| PURCHASED SERVICES | 87,238,820.00 | | 87,238,820.00 | 97,011,515.48 | 111.20% | 94,964,168.64 |
| PRODUCTION | - | - | - | 1,709.63 | | - |
| TOTAL COST OF SALES | 87,238,820.00 | - | 87,238,820.00 | 97,013,225.11 | | 94,964,168.64 |
| GROSS PROFIT | 34,529,820.00 | - | 34,529,820.00 | 29,020,881.02 | | 28,871,146.23 |
| GROSS PROFIT % | 28.36% | | 28.36% | 23.03% | | 23.31% |
| OPERATING EXPENSES | | | | | | |
| TRANSMISSION & TREATMENT | 1,667,250.00 | 44,438.76 | 1,711,688.76 | 1,746,185.26 | 102.02% | 1,819,612.73 |
| ENGINEERING | 1,092,950.00 | (102,693.34) | 990,256.66 | 886,598.43 | 89.53% | 711,832.83 |
| DISTRIBUTION | 13,254,730.00 | 107,177.55 | 13,361,907.55 | 14,917,761.66 | 111.64% | 13,030,425.68 |
| SERVICE | - | | - | - | | - |
| METERS & REGULATORS | 396,490.00 | 6,661.00 | 403,151.00 | 471,381.40 | 116.92% | 372,950.58 |
| BAD DEBT | 375,000.00 | | 375,000.00 | 892,720.30 | 238.06% | 419,175.77 |
| GENERAL & ADMINISTRATIVE | 5,978,830.00 | 367,470.34 | 6,346,300.34 | 6,161,739.11 | 97.09% | 4,837,705.48 |
| TOTAL OPERATING EXPENSES | 22,765,250.00 | 423,054.31 | 23,188,304.31 | 25,076,386.16 | 108.14% | 21,191,703.07 |
| OPERATING INCOME (LOSS) | 11,764,570.00 | (423,054.31) | 11,341,515.69 | 3,944,494.86 | 34.78% | 7,679,443.16 |
| NON-OPERATING REVENUE (EXPENSE) | | | | | | |
| INTEREST INCOME ON INVESTMENTS | 110,830.00 | | 110,830.00 | 153,242.20 | 138.27% | (45,167.81) |
| ENERGY EFFICIENCY RECOVERY | (50,000.00) | (110,251.09) | (160,251.09) | - | 0.00% | - |
| RECOVERIES AND REBATES | (153,500.00) | | (153,500.00) | 564,089.21 | -367.48% | 700.00 |
| GAIN/LOSS ON DISPOSAL | 45,000.00 | | 45,000.00 | 81,956.64 | 182.13% | (51,470.70) |
| JOBBING INCOME (LOSS) | 309,110.00 | (330,926.17) | (21,816.17) | 1,466,745.22 | -6723.20% | 882,896.40 |
| INTEREST ON LONG TERM INDEBTEDNESS | (1,407,210.00) | | (1,407,210.00) | (1,533,197.40) | 108.95% | (1,466,065.48) |
| NET INCOME (LOSS) | 10,618,800.00 | (864,231.57) | 9,754,568.43 | 4,677,330.73 | 47.95% | 7,000,335.57 |
| OPERATING TRANSFERS IN (OUT) | (10,572,610.00) | | (10,572,610.00) | (10,572,610.00) | 100.00% | (10,697,610.00) |
| NET INCOME AFTER TRANSFERS | 46,190.00 | (864,231.57) | (818,041.57) | (5,895,279.27) | 720.66% | (3,697,274.43) |
| CONTRIBUTION IN AID | - | | - | - | 0.00% | |
| FEDERAL AID - CAPITAL PROJECTS | - | - | - | - | 0.00% | |
| REGULAR CAPITAL MAINTENANCE | (3,171,090.00) | (1,214,850.18) | (4,385,940.18) | (2,292,543.35) | 52.27% | |
| CAPITAL PROJECTS | - | (5,338,431.83) | (5,338,431.83) | (9,806,168.15) | 183.69% | |
| DEBT SERVICE | (3,191,720.00) | - | (3,191,720.00) | - | 0.00% | |
| DEPRECIATION | 8,696,410.00 | | 8,696,410.00 | 8,696,412.00 | 100.00% | |

UTILITY FUNDS
STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN FUND NET ASSETS - UNAUDITED
FOR THE PERIOD ENDED JUNE 30, 2023

**TELECOMMUNICATIONS - PRE CLOSING**

| | ORIGINAL BUDGET 2022-23 | ADJUSTMENTS AND CARRYFORWARDS | CURRENT BUDGET 2022-23 | JUNE 2023 | PERCENT OF CURRENT BUDGET | JUNE 2022 |
|---|---|---|---|---|---|---|
| OPERATING REVENUE | 768,680.00 | | 768,680.00 | 859,843.02 | 111.86% | 736,661.55 |
| COST OF SALES | | | | | | |
| PURCHASED SERVICES | 60,000.00 | 14,122.76 | 74,122.76 | 74,028.44 | 99.87% | 73,613.12 |
| PRODUCTION | | | - | - | | - |
| TOTAL COST OF SALES | 60,000.00 | 14,122.76 | 74,122.76 | 74,028.44 | | 73,613.12 |
| GROSS PROFIT | 708,680.00 | (14,122.76) | 694,557.24 | 785,814.58 | | 663,048.43 |
| GROSS PROFIT % | 92.19% | | 90.36% | 91.39% | | 90.01% |
| OPERATING EXPENSES | | | | | | |
| TRANSMISSION & TREATMENT | | | - | - | | - |
| ENGINEERING | | | - | - | | - |
| DISTRIBUTION | | | - | - | | - |
| SERVICE | | | - | - | | - |
| METERS & REGULATORS | | | - | - | | - |
| BAD DEBT | - | 2,500.00 | 2,500.00 | 1,987.67 | 79.51% | 249.60 |
| GENERAL & ADMINISTRATIVE | 939,340.00 | (19,372.76) | 919,967.24 | 909,618.15 | 98.88% | 857,154.84 |
| TOTAL OPERATING EXPENSES | 939,340.00 | (16,872.76) | 922,467.24 | 911,605.82 | 98.82% | 857,404.44 |
| OPERATING INCOME (LOSS) | (230,660.00) | 2,750.00 | (227,910.00) | (125,791.24) | 55.19% | (194,356.01) |
| NON-OPERATING REVENUE (EXPENSE) | | | | | | |
| INTEREST INCOME ON INVESTMENTS | 2,620.00 | | 2,620.00 | 5,441.47 | 207.69% | (3,258.99) |
| RECOVERIES AND REBATES | | | - | - | | - |
| GAIN/LOSS ON DISPOSAL | | | - | - | | - |
| JOBBING INCOME (LOSS) | (2,300.00) | (2,750.00) | (5,050.00) | (1,345.28) | 26.64% | 12,621.33 |
| INTEREST ON LONG TERM INDEBTEDNESS | | | - | - | | - |
| NET INCOME (LOSS) | (230,340.00) | (0.00) | (230,340.00) | (121,695.05) | 52.83% | (184,993.67) |
| OPERATING TRANSFERS IN (OUT) | (81,000.00) | | (81,000.00) | (81,000.00) | 100.00% | (81,000.00) |
| NET INCOME AFTER TRANSFERS | (311,340.00) | (0.00) | (311,340.00) | (202,695.05) | 65.10% | (265,993.67) |
| CONTRIBUTION IN AID | - | | - | - | 0.00% | |
| REGULAR CAPITAL MAINTENANCE | (25,000.00) | | (25,000.00) | (61,330.74) | 245.32% | |
| CAPITAL PROJECTS | - | (526,044.66) | (526,044.66) | (14,310.55) | 2.72% | |
| DEPRECIATION | 485,610.00 | | 485,610.00 | 485,616.00 | 100.00% | |
| CONTINGENCY | | | - | | 0.00% | |

code them before reconciling the month

| Mo Rate Applied | WACOG | WACOG Plus Losses | Demand Rate Firm | Demand Rate Interruptible | Adjustments | PGA (f) | PGA (i) | (Independent of Commod) Cum Over (Under) Demand Recovery Current FY | (Does not include Demand Recovery) Monthly Commodity Cost | Monthly Commodity Recovered | Monthly Commod Over (Under) Recovery | Adjustments | Commodity Recovery Balance Over (Under) +/- $2,000,000 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun-22 | $ 5.21693 | $ 5.21693 | $ - | $ - | $ 1.50000 | $ 7.46549 | $ 7.46549 | $ (2,917.54) | $1,255,911.53 | $ 1,457,944.68 | $ 202,033.15 | | $127,035.89 | FY FINAL |
| Jul-22 | $ 6.20160 | $ 6.20160 | $ - | $ - | $ - | $ 6.25815 | $ 6.25815 | $ (212,903.60) | $ 846,844.40 | $ 830,757.95 | $ (16,086.46) | | $110,949.43 | Final |
| Aug-22 | $ 7.64163 | $ 7.64163 | $ - | $ - | $ 1.00000 | $ 7.14144 | $ 7.14144 | $ (422,889.66) | $ 1,211,618.44 | $ 1,119,491.40 | $ (92,127.04) | | $18,822.39 | Final |
| Sep-22 | $ 5.25490 | $ 5.25490 | $ - | $ - | | $ 7.62108 | $ 7.62108 | $ (624,787.46) | $ 1,218,147.07 | $ 1,301,945.53 | $ 83,798.46 | | $102,620.85 | Final |
| Oct-22 | $ 5.75899 | $ 5.75899 | $ - | $ - | $ 0.50000 | $ 6.07613 | $ 6.07613 | $ (834,773.52) | $ 1,363,552.21 | $ 1,159,888.46 | $ (203,663.75) | | ($101,042.89) | Final |
| Nov-22 | $ 6.13625 | $ 6.13625 | $ 2.30000 | $ - | $ - | $ 7.99570 | $ 5.69570 | $ (817,970.42) | $ 1,580,870.14 | $ 1,267,428.62 | $ (313,441.52) | | ($414,484.41) | Final |
| Dec-22 | $ 6.45465 | $ 6.45465 | $ 2.30000 | $ - | | $ 7.92370 | $ 5.62370 | $ (628,329.17) | $ 2,621,457.93 | $ 1,911,733.51 | $ (709,724.42) | | ($1,124,208.84) | Final |
| Jan-23 | $ 6.35242 | $ 6.35242 | $ 2.30000 | $ - | $ 0.51000 | $ 8.80682 | $ 6.50682 | $ (211,940.91) | $ 2,134,980.42 | $ 2,422,595.03 | $ 287,614.61 | | ($836,594.22) | Final |
| Feb-23 | $ 6.83153 | $ 6.96362 | $ 2.30000 | $ - | $ 0.30000 | $ 8.72018 | $ 6.42018 | $ 166,553.37 | $ 1,409,387.92 | $ 2,196,937.13 | $ 787,549.21 | | ($49,045.01) | Final |
| Mar-23 | $ 5.63031 | $ 5.63031 | $ 2.30000 | $ - | | $ 7.89371 | $ 5.59371 | $ 275,422.43 | $ 1,240,219.65 | $ 1,116,839.83 | $ (123,379.82) | | ($172,424.83) | Final |
| Apr-23 | $ 2.82059 | $ 2.82059 | $ 2.30000 | $ - | | $ 5.64322 | $ 3.34322 | $ 390,327.17 | $ 443,690.39 | $ 761,817.59 | $ 318,127.20 | | $145,702.37 | Final |
| May-23 | $ 3.11297 | $ 3.11297 | $ 0.60000 | $ - | | $ 4.41751 | $ 3.81751 | $ 220,181.70 | $ 422,580.44 | $ 589,509.91 | $ 166,929.47 | | $312,631.84 | Final |
| Jun-23 | $ 3.19175 | $ 3.19175 | $ (0.30000) | $ - | | $ 3.68695 | $ 3.98695 | $ 8,395.30 | $361,740.12 | $ 485,101.57 | $ 123,361.45 | | $435,993.29 | FY FINAL |

| BILLING MONTH | TOTAL POWER COST | HLF POWER COST | **NON-HLF POWER COST** | TOTAL kWh SALES | HLF kWh SALES | NON-HLF kWh SALES | PCA / kWh | POWER COST / kWh RECOVERED IN BASE RATE | TOTAL POWER COST / kWh RECOVERED | HLF STRANDED COSTS RECOVERED | **NON-HLF POWER COST RECOVERED** | NON-HLF POWER COST OVER / (UNDER) RECOVERY | ADJUSTMTS | **CUMULATIVE POWER COST RECOVERY NON-HLF CUSTOMERS ( + / - $4,000,000)** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun-22 | $ 8,474,484.73 | $ 1,361,212.05 | **$ 7,113,272.68** | 73,229,060 | 11,762,400 | 61,466,660 | $0.030000 | $0.086200 | $0.116200 | | **$ 7,142,425.89** | $ 29,153.21 | | **$ (25,071.98)** |
| Jul-22 | $ 8,921,496.29 | $ 1,241,888.99 | **$ 7,679,607.30** | 83,714,391 | 11,653,200 | 72,061,191 | $0.015000 | $0.086200 | $0.101200 | | **$ 7,292,592.56** | $ (387,014.74) | | **$ (412,086.73)** |
| Aug-22 | $ 9,218,214.27 | $ 1,220,995.94 | **$ 7,997,218.33** | 93,378,330 | 12,368,400 | 81,009,930 | $0.015000 | $0.086200 | $0.101200 | | **$ 8,198,204.92** | $ 200,986.59 | | **$ (211,100.14)** |
| *Sep-22* | $ 8,034,700.40 | $ 1,181,484.39 | **$ 6,853,216.01** | 82,724,165 | 12,164,400 | 70,559,765 | $0.025000 | $0.086200 | $0.111200 | | **$ 7,846,245.87** | $ 993,029.86 | | **$ 781,929.72** |
| *Oct-22* | $ 7,212,051.28 | $ 1,291,718.71 | **$ 5,920,332.57** | 66,121,889 | 11,842,800 | 54,279,089 | $0.045000 | $0.086200 | $0.131200 | | **$ 7,121,416.48** | $ 1,201,083.91 | | **$ 1,983,013.63** |
| *Nov-22* | $ 7,291,342.71 | $ 1,255,831.27 | **$ 6,035,511.44** | 63,199,353 | 10,885,200 | 52,314,153 | $0.035000 | $0.086200 | $0.121200 | | **$ 6,340,475.34** | $ 304,963.90 | | **$ 2,287,977.52** |
| Dec-22 | $ 12,071,580.84 | $ 1,674,194.66 | **$ 10,397,386.18** | 72,351,844 | 10,034,400 | 62,317,444 | $0.020000 | $0.086200 | $0.106200 | | **$ 6,618,112.55** | $ (3,779,273.63) | | **$ (1,491,296.11)** |
| Jan-23 | $ 8,378,562.00 | $ 991,046.29 | **$ 7,387,515.71** | 84,914,577 | 10,044,000 | 74,870,577 | $0.010000 | $0.086200 | $0.096200 | | **$ 7,202,549.49** | $ (184,966.22) | | **$ (1,676,262.32)** |
| Feb-23 | $ 7,611,735.13 | $ 1,130,373.88 | **$ 6,481,361.25** | 80,692,721 | 11,983,200 | 68,709,521 | $0.015000 | $0.086200 | $0.101200 | | **$ 6,953,403.53** | $ 472,042.28 | | **$ (1,204,220.04)** |
| *Mar-23* | $ 7,537,268.91 | $ 1,274,864.35 | **$ 6,262,404.56** | 62,262,692 | 10,531,200 | 51,731,492 | $0.030000 | $0.086200 | $0.116200 | | **$ 6,011,199.37** | $ (251,205.19) | | **$ (1,455,425.23)** |
| *Apr-23* | $ 7,005,890.30 | $ 1,143,404.80 | **$ 5,862,485.50** | 66,431,296 | 10,842,000 | 55,589,296 | *$0.050000* | $0.086200 | $0.136200 | | **$ 7,571,262.12** | $ 1,708,776.62 | | **$ 253,351.39** |
| *May-23* | $ 6,172,175.97 | $ 1,111,792.43 | **$ 5,060,383.54** | 59,490,455 | 10,716,000 | 48,774,455 | *$0.055000* | $0.086200 | $0.141200 | | **$ 6,886,953.05** | $ 1,826,569.51 | | **$ 2,079,920.90** |
| Jun-23 | $ 7,234,816.46 | $ 1,313,937.32 | **$ 5,920,879.14** | 62,691,519 | 11,385,600 | 51,305,919 | $0.030000 | $0.086200 | $0.116200 | | **$ 5,961,747.79** | $ 40,868.65 | | **$ 2,120,789.55** |

**Danville Utility Commission**

# STAFF REPORT

DATE: August 28, 2023

TO: Danville Utility Commission

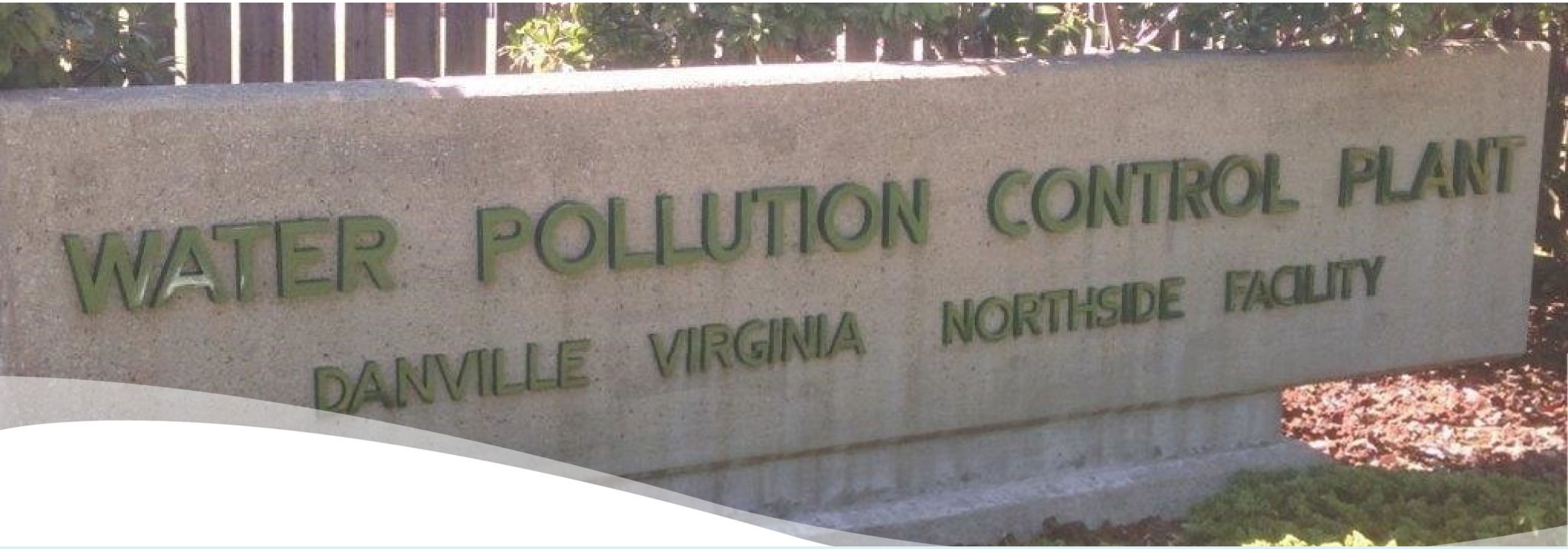
FROM:

RE: Presentation on the Upgrades and Changes at the Wastewater Plant

Jerry Shupe, Regional Manager from Inframark, will be at the meeting to present about the recent upgrades and changes to the Wastewater Plant.

**ATTACHMENTS**

1. Danville Utilities Improvements_Inframark




# Danville Northside Wastewater Treatment Plant Improvements

INFRAMARK

# Your Home is Our Home

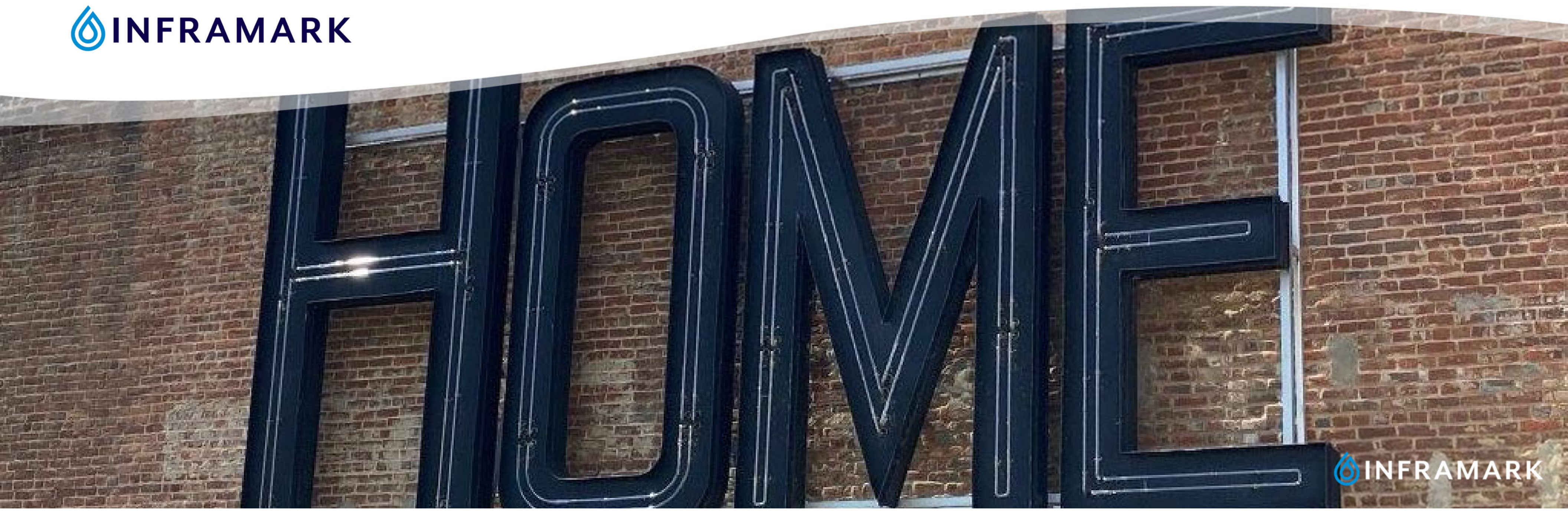
REIMAGINE THAT
DANVILLE
VIRGINIA

**GARY STAINBACK**
**REGIONAL MANAGER**

**ALAN GOULD**
**PROJECT MANAGER**

**JOHN GALLETTA**
**MAINTENANCE MANAGER**

INFRAMARK



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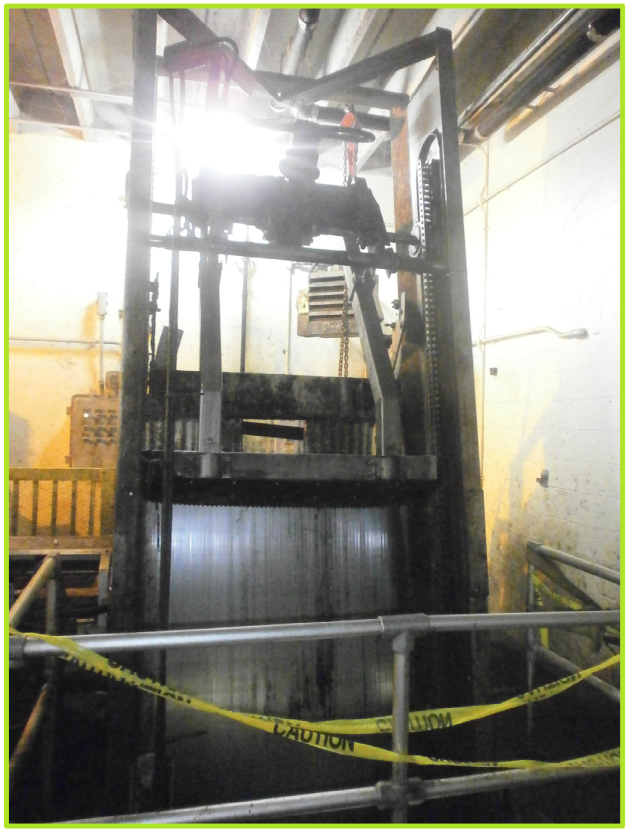
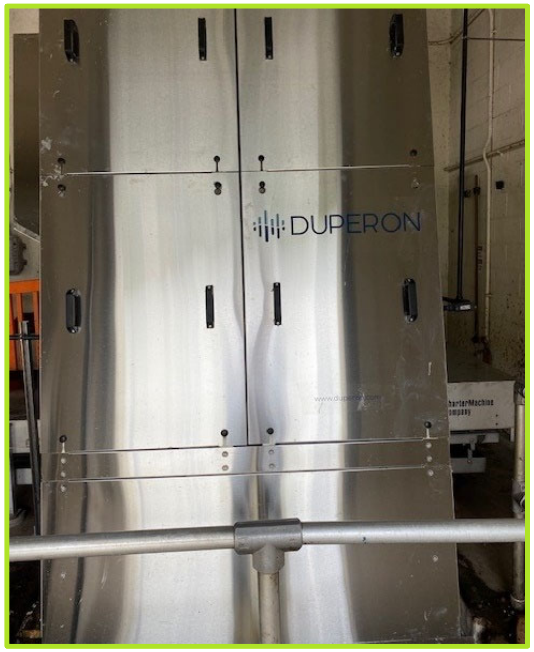
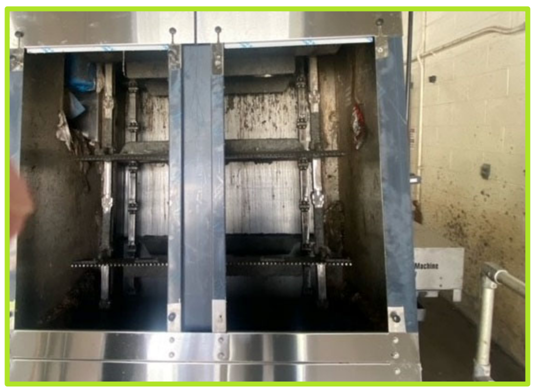
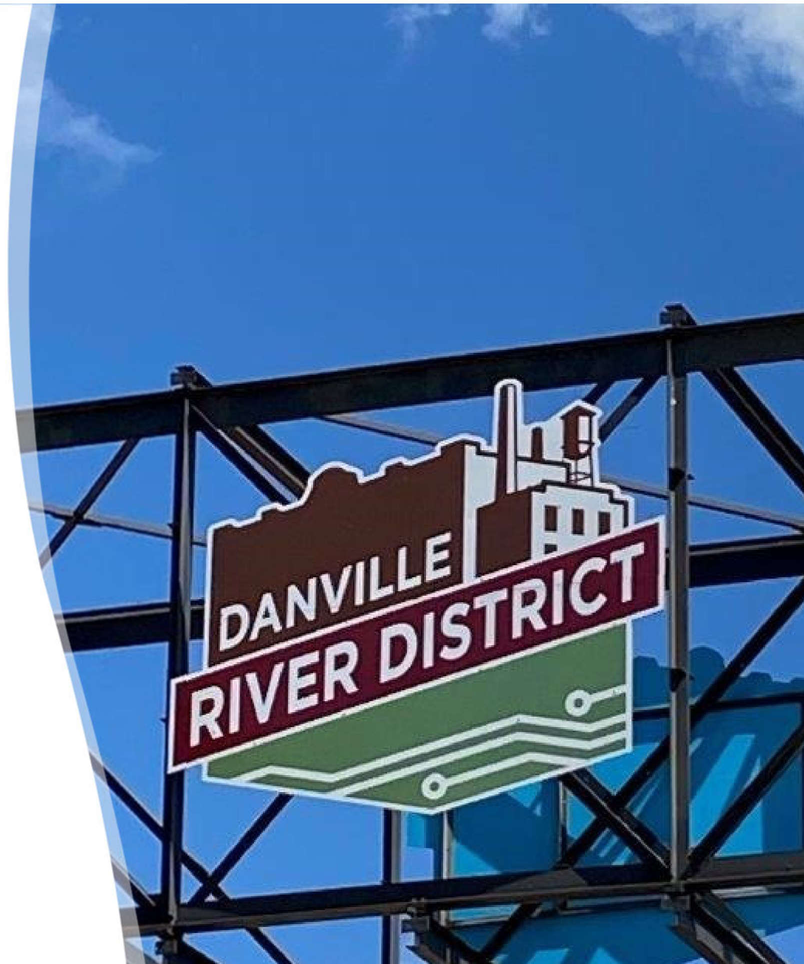


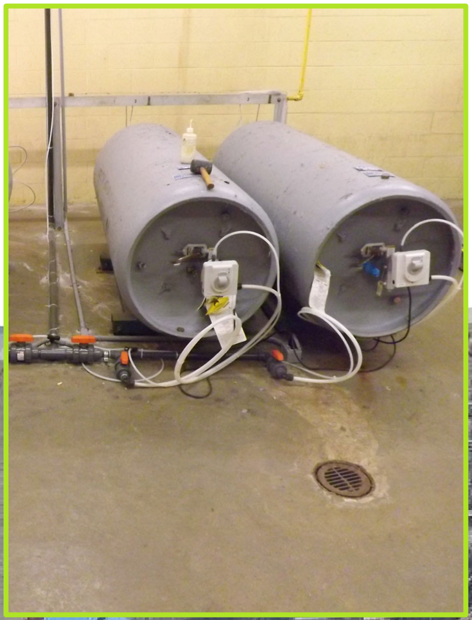



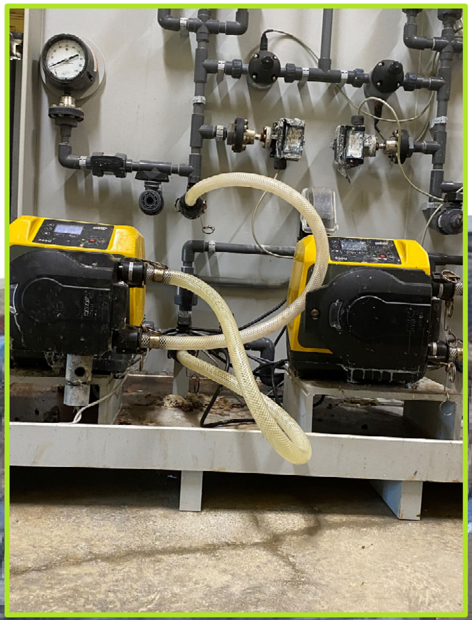



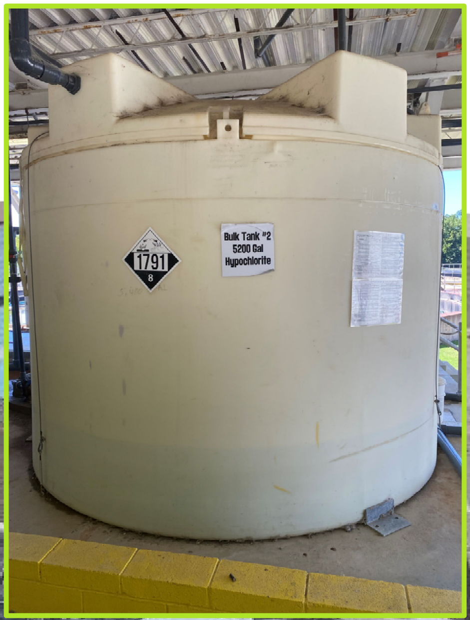


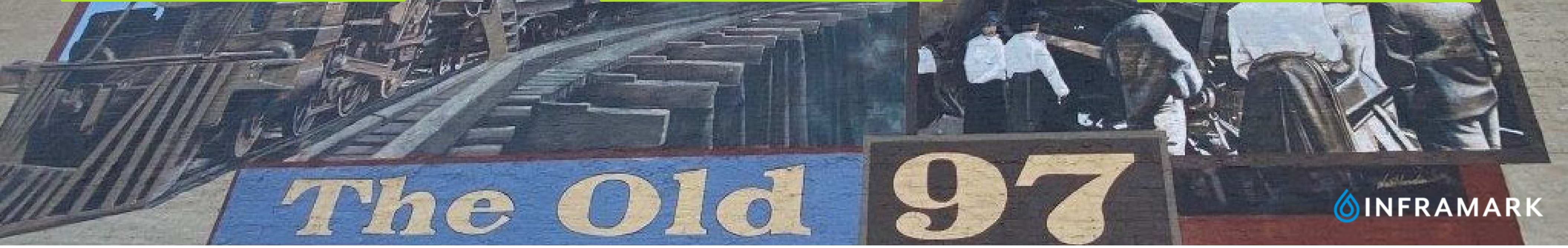

INFRAMARK

# Sodium Hypochlorite



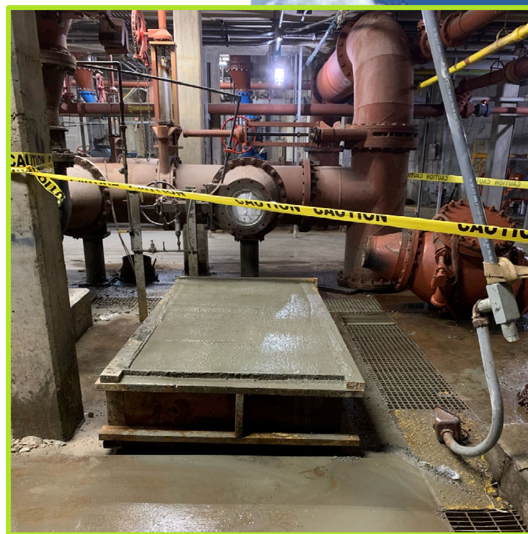


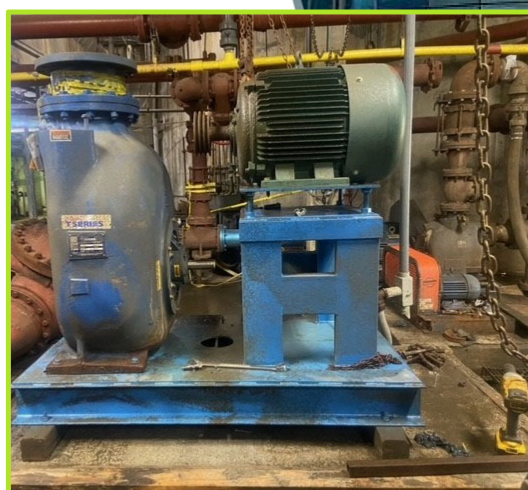



INFRAMARK

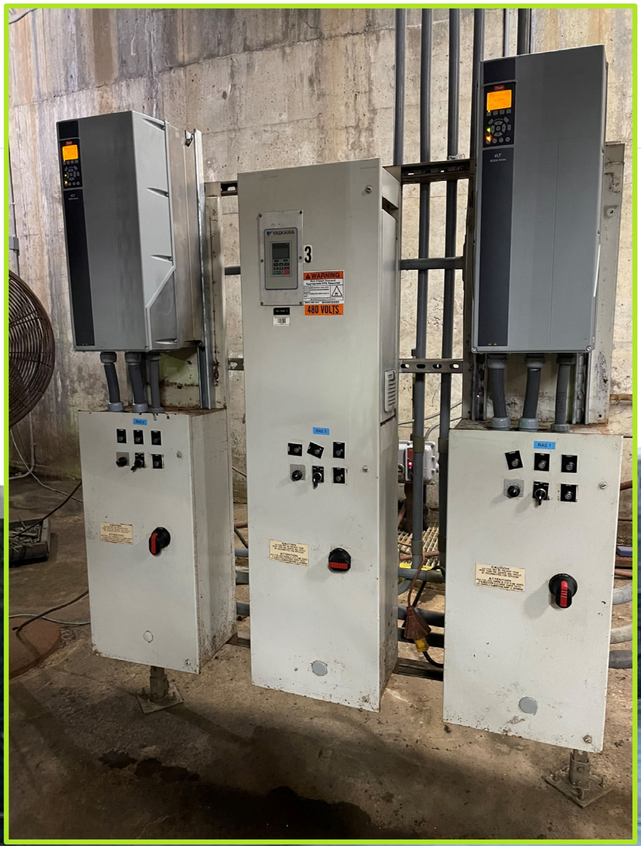
# RAS Pump Installation



INFRAMARK

# RAS Pump VFD



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