



Hartsville/Trousdale
Water/Sewer Utility Board

Heather Bay
Chair

Mark White
Co-Chair

Sissie Parker Harper
Secretary

Jack McCall
Member

Lonnie Taylor
Member

Member

DATE AND TIME:

Tuesday, October 22, 2024, at 5:00 pm

PLACE OF MEETING:

Hartsville Trousdale Water & Sewer Utility
Conference Room
322 Broadway
Hartsville, TN. 37074

AGENDA

ORDER OF BUSINESS

1. Open Meeting.
2. Invocation.
3. Pledge of Allegiance.
4. Roll call and determination of a quorum.
5. Amendments to the Agenda
6. Approval of September 10, 2024, Board Meeting Minutes.
7. Approval of September 2024 Financial Reports
8. Engineering Report Evan White Mid-Tenn. Engineering.
 - Griffs Hollow Water Line Study
9. General Manager Report
 - Water Loss Report September 2024.
10. Public Comments.
11. Board Members Comments.
12. Adjournment.

September 24, 2024
Hartsville-Trousdale County
Water & Sewer Utility District
Meeting of Board of Commissioners

The meeting was called to order by Chairman Bay.

The invocation was done by Mayor Jack McCall.

The Pledge of Allegiance was done by Elizabeth Parker Harper.

Board members present were Heather Bay, Mark White, Lonnie Taylor, Mayor Jack McCall, and Elizabeth Parker Harper. Others in attendance were Tony Crook, Emily Walker, Evan White, James Weaver, Jack Williams and Ryan Realey.

The September 10, 2024, minutes were approved on a motion by Elizabeth Parker Harper and seconded by Mark White. Motion Approved.

The August 2024 financials were approved on a motion by Elizabeth Parker Harper and second by Mayor Jack McCall. Motion Approved.

Evan White gave the Engineering Report. The bid for the Sewer Flow monitors opens on Thursday 09/26/2024. The plans for the Water tank rehabs have been approved. All the closeout documents have been completed for the SRF tank project. We are still working with the Corp and TDEC on the permits for the new water plant.

Emily Walker then gave the water loss report. Water loss is down from last month by 5% and is down 2.6% from the same time last year.

Tony Crook then gave the General Managers Report. The leak was repaired at the fire hall and a meter was installed, however, they have another leak on the same line under the building. This was discussed with Mark Beeler and the decision was made to turn this water off until the line can be repaired. This is not a fire line as it comes off the 6 inch line. The next item is the Morrison Street Tank. We are in the process of draining it and will need bids on demolishing it.

TN State Bill 2282 – United Systems quote, \$12,000. Due to a new offer from the company this was brought back to the board. The company has offered the first year free with a 2 year contract. This was approved by the board on a motion by Elizabeth Parker Harper and seconded by Lonnie Taylor with the stipulation this be reviewed by the utility attorney.

There were 3 members of the public in attendance. James Weaver, 425 Griffs Ridge Rd. Bethpage, stated he has been at his address 26 years and didn't have enough water pressure to use a pressure washer. He also stated that the lines were put in illegally. Jack Williams, 635 Griffs Hollow Ln, he has been hauling water 30+ years from a hydrant at the pump house. They have been on "the list" for years for a new line to be installed on Gravley Hill.

The next member of the public was Ryan Realey, 515 Scruggs Ln. He wanted to voice his opinion on the disconnect policy and not being notified of non-payment prior to his water being turned off.

Motion to Adjourn was made by Elizabeth Parker Harper and second by Lonnie Taylor.

HARTSVILLE/TROUSDALE WATER AND SEWER
 BUDGET TO ACTUAL: 2024-2025
 FOR ACCOUNTING PERIOD 09/30/2024

FYE 2025

Account Number	Account Description	Budget	12 Month Ave.	Budget Period	YTD Actual	Variance	
204-43190	OTHER GEN SERV- SEWER/CON	\$ 1,137,709.00	\$ 94,809.08	\$ 284,427.25	\$ 309,978.81	\$ (25,551.56)	
204-43191	WATER SALES	\$ 2,785,250.00	\$ 232,104.17	\$ 696,312.50	\$ 782,141.93	\$ (85,829.43)	
204-43193	WATER TAP SALES	\$ 349,486.00	\$ 29,123.83	\$ 87,371.50	\$ 83,933.00	\$ 3,438.50	
204-43194	SERVICE CHARGES	\$ 383,385.00	\$ 31,948.75	\$ 95,846.25	\$ 17,477.16	\$ 78,369.09	
204-44110	INVESTMENT INCOME	\$ 67,765.00	\$ 5,647.08	\$ 16,941.25	\$ 6,410.64	\$ 10,530.61	
204-44120	LEASE/RENTALS - CITY	\$ 7,380.00	\$ 615.00	\$ 1,845.00	\$ -	\$ 1,845.00	
204-44530	SALE OF EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	
204-44560	DAMAGES RECOVERED FROM INDIVIDUALS	\$ -	\$ -	\$ -	\$ -	\$ -	
204-44570	CONTRIBUTIONS AND GIFTS	\$ -	\$ -	\$ -	\$ -	\$ -	
204-44990	OTHER REVENUE(REC OF BAD DEBT)	\$ -	\$ -	\$ -	\$ 2,639.33	\$ (2,639.33)	
204-48130	Other Governments/Citizens Groups	\$ -	\$ -	\$ -	\$ -	\$ -	
204-49700	INSURANCE RECOVERY	\$ -	\$ -	\$ -	\$ -	\$ -	
204-47590	OTHER FED THRU STATE(GRANT - SEWER	\$ -	\$ -	\$ -	\$ -	\$ -	
204-47901	AMERICAN RESCUE PLAN	\$ -	\$ -	\$ -	\$ -	\$ -	
204-48990	OTHER INCOME(SAFETY Grant)	\$ 4,587.00	\$ -	\$ -	\$ 9,215.93	\$ -	
Revenue Total	With Grants	\$ 4,735,562.00	\$ 394,247.92	\$ 1,182,743.75	\$ 1,211,796.80	\$ (19,837.12)	11.47%
Revenue Total	Without Grants	\$ 4,730,975.00	\$ 394,247.92	\$ 1,182,743.75	\$ 1,211,796.80	\$ (17,197.79)	11.47%
Expense Total		\$ 4,505,445.00	\$ 375,453.75	\$ 1,126,361.25	\$ 1,087,060.98	\$ 39,300.27	
Total Public Utilities		\$ 230,117.00	\$ 18,794.17	\$ 56,382.50	\$ 124,735.82	\$ (59,137.39)	

Hartsville Trousdale Water and Sewer Balance Sheet

Fiscal Year: 2025
 Comparative Year: 2024
 Include Thru: September

Account	2025 Beginning Balance	Previous Period Balance	2025 YTD 09/30/24	2024 YTD 09/30	Difference
204-11120-0000-000 CASH ON HAND	400.00	400.00	400.00	400.00	0.00
204-11130-0000-000 CASH WBT550167	132,047.52	244,478.41	365,370.31	502,223.05	(136,852.74)
204-11130-0000-001 WB&T 5% Maturity 03/23/2025 13Months	1,099,424.72	1,099,424.72	1,099,424.72	1,073,022.79	26,401.93
204-11130-0000-003 1ST NATIL BK MATURITY 08/06/2023 2.75%	624,730.83	624,730.83	624,730.83	599,288.45	25,442.38
204-11130-0000-004 PAYROLL ACCOUNT	9,669.93	9,686.45	10,063.42	10,070.87	(7.45)
204-11130-0000-005 MONEY MARKET ACCOUNT	1,178,321.59	1,082,091.14	1,083,810.62	733,323.66	350,486.96
204-11130-0000-006 DW8 2021-239 Escrow Account	169,545.78	0.00	0.00	0.00	0.00
Total Cash	3,214,140.37	3,060,811.55	3,183,799.90	2,918,328.82	265,471.08
204-11140-0000-000 ACCOUNTS RECEIVABLE	268,885.92	298,626.59	319,027.37	256,317.91	62,709.46
204-11170-0000-000 CASH EQUIVALENTS/VOUCHERS	1,250.00	0.00	0.00	11,645.26	(11,645.26)
204-11600-0000-000 PREPAID ITEMS	2.08	98,382.90	88,544.81	77,723.11	10,821.70
204-12250-0000-000 NET PENSION ASSET	0.00	0.00	0.00	228,555.00	(228,555.00)
Short Term Assets	270,138.00	397,009.49	407,572.18	574,241.28	(166,669.10)
204-13200-0000-000 LAND	410,043.39	410,043.39	410,043.39	410,043.39	0.00
204-13300-0000-000 BUILDINGS AND IMPROVEMENTS	33,200.00	33,200.00	33,200.00	26,000.00	7,200.00
204-13310-0000-000 ACCUMLATED DEPCIATION BUILDINGS	17,860.88	17,860.88	17,860.88	(19,524.97)	37,385.85
204-13400-0000-000 INFRASTURE	30,241,211.53	30,241,211.53	30,241,211.53	30,241,211.53	0.00
204-13410-0000-000 ACCUMULATED DEPRECIATION INFRASTRUCTURE	(12,032,773.06)	(12,032,773.06)	(12,032,773.06)	(11,407,624.90)	(625,148.16)
204-13700-0000-000 MACHINERY AND EQUIOMENT	1,899,684.70	1,963,815.84	1,963,815.84	1,771,563.28	192,252.56
204-13910-0000-000 ALLOWANCE FOR DEPRECIATION	(1,620,368.74)	(1,763,993.56)	(1,835,267.56)	(1,589,910.06)	(245,357.50)
Long Term Assets	18,948,858.70	18,869,365.02	18,798,091.02	19,431,758.27	(633,667.25)
204-13800-0000-000 CONSTRUCTION IN PROGRESS	0.00	0.00	0.00	0.00	0.00
204-13800-0000-002 CDBG 2019 FLEX NET SYSTEM	0.00	0.00	0.00	0.00	0.00
204-13800-0000-001 CIP HONEYSUCKLE AND 141 EXTENSION	0.00	0.00	0.00	0.00	0.00
204-13800-0000-003 POLE BARN	0.00	0.00	0.00	0.00	0.00

Account	2025 Beginning Balance	Previous Period Balance	2025 YTD 09/30/24	2024 YTD 09/30	Difference
204-13800-0000-004 WATER TREATMENT PLANT PROJECT	0.00	0.00	0.00	0.00	0.00
204-13800-0000-005 FIRE HYDRANT PROJECT	316,363.63	316,363.63	316,363.63	316,363.63	0.00
204-13800-0000-006 SHOP BUILDING	1,546,630.93	1,546,630.93	1,546,630.93	1,547,433.93	(803.00)
204-13800-0000-007 PAINTING PIPE GALLERY AT WTP	0.00	0.00	0.00	0.00	0.00
204-13800-0000-008 TANK PROJECT	3,449,476.24	3,618,142.60	3,619,031.50	94,461.50	3,524,570.00
204-13800-0000-009 BRIDLE PATH LOOP	19,400.00	19,400.00	19,400.00	19,400.00	0.00
204-13800-0000-010 GRAVEL HILL COMMUNICATION TOWER	4,325.00	4,325.00	4,325.00	4,325.00	0.00
204-13800-0000-011 85141-2202-14	1,105,000.00	1,105,000.00	1,105,000.00	1,105,000.00	0.00
Construction in Progress	6,441,195.80	6,609,862.16	6,610,751.06	3,086,984.06	3,523,767.00
204-15400-0000-000 PENSION CHANGES IN EXPERIENCE	118,184.00	118,184.00	118,184.00	43,165.00	75,019.00
204-15401-0000-000 PENSION CHANGES IN ASSUMPTION	225,309.00	225,309.00	225,309.00	147,475.00	77,834.00
204-15402-0000-000 PENSION CHANGES IN INVESTMENT EARNINGS	14,368.00	14,368.00	14,368.00	0.00	14,368.00
204-15404-0000-000 PENSION CHANGES AFTER MEASUREMENT DATE	57,822.00	57,822.00	57,822.00	82,350.00	(24,528.00)
Changes in Pension	415,683.00	415,683.00	415,683.00	272,990.00	142,693.00
Total Assets	29,290,015.87	29,352,731.22	29,415,897.16	26,284,302.43	3,131,594.73
204-21100-0000-000 ACCOUNTS PAYABLE	(51,220.32)	(55,657.85)	(76,529.91)	(65,068.57)	(11,461.34)
204-21200-0000-000 ACCRUED WAGES	0.03	0.03	(22,591.09)	0.03	(22,591.12)
204-21310-0000-000 INCOME TAX WITHHELD	(2,384.39)	(2,384.39)	(2,384.39)	0.00	(2,384.39)
204-21320-0000-000 SOCIAL SECURITY TAX FICA	466.47	466.47	466.47	0.00	466.47
204-21325-0000-000 EMPLOYEE MEDICARE DEDUCTION	1,917.92	1,917.92	1,917.92	0.00	1,917.92
204-21330-0000-000 RETIREMENT CONTRIBUTIONS	11,844.27	12,444.61	14,781.67	8,782.90	5,998.77
204-21342-0000-000 HEALTH INSURANCE	(1,767.91)	(1,825.42)	(1,663.38)	(1,260.95)	(402.43)
204-21343-0000-000 AMERICAN GENERAL	(46.26)	(55.55)	(166.79)	(35.97)	(130.82)
204-21344-0000-000 DENTAL INSURANCE	(70.14)	(87.44)	4.86	(32.08)	36.94
204-21345-0000-000 AFLAC	(149.96)	(158.40)	(150.04)	(190.58)	40.54
204-21346-0000-000 OTHER PR DED/TRUSTMARK	0.00	(26.84)	(26.84)	0.00	(26.84)
204-21347-0000-000 USAble Life	456.27	432.38	460.75	543.20	(82.45)
204-21348-0000-000 VISION	419.29	410.05	411.39	431.27	(19.88)
204-21360-0000-000 GARNISHMENTS AND LEVIES	0.00	0.00	160.38	0.00	160.38
204-21395-0000-000 ACCRUED LEAVE CURRENT	(33,455.93)	(33,455.93)	(33,455.93)	(29,817.93)	(3,638.00)
204-21500-0000-000 DUE TO SOLID WASTE	(19,062.77)	(19,430.95)	(20,477.14)	(15,497.18)	(4,979.96)
204-21530-0000-000 DUE TO STATE SALES TAX	(17,139.47)	(19,391.88)	(19,260.67)	(17,220.41)	(2,040.26)
204-21900-0000-001 LEAK PROTECTION	5,156.47	5,156.47	5,156.47	4,654.99	501.48
204-21900-0000-002 LINE PROTECTION	453.37	453.37	453.37	295.29	158.08
204-21900-0000-003 LEAK PROTECTION SEWER	(2,652.96)	(2,652.96)	(2,652.96)	(2,865.72)	212.76

Account	2025 Beginning Balance	Previous Period Balance	2025 YTD 09/30/24	2024 YTD 09/30	Difference
204-21900-0000-004 LINE PROTECTION SEWER	49.51	49.51	49.51	19.50	30.01
Short Term Liabilities	(107,186.51)	(113,796.80)	(155,496.35)	(117,262.21)	(38,234.14)
204-21951-0000-000 CUSTOMER DEPOSIT	(4,000.00)	(4,000.00)	(4,000.00)	(4,000.00)	0.00
204-27200-0000-002 REVENUE BONDS PAYABLE RD 48085-24	(3,114,854.63)	(3,103,183.88)	(3,097,334.57)	(3,166,922.05)	69,587.48
204-27200-0000-003 REVENUE BONDS PAYABLE RD 48085-1000	(1,648,990.33)	(1,643,454.57)	(1,640,676.02)	(1,673,620.54)	32,944.52
204-27550-0000-000 NET PENSION LIABILITY	(117,503.00)	(117,503.00)	(117,503.00)	0.00	(117,503.00)
204-27800-0000-000 SRF DW8 2021-239 Loan	(2,225,838.00)	(2,211,618.00)	(2,204,508.00)	0.00	(2,204,508.00)
204-29980-0000-000 PENSION CHANGES IN EXPERIENCE	(49,122.00)	(49,122.00)	(49,122.00)	(44,701.00)	(4,421.00)
204-29982-0000-000 CHANGES IN INVESTMENT EARNINGS	0.00	0.00	0.00	(279,755.00)	279,755.00
Long Term Liabilities	(7,160,307.96)	(7,128,881.45)	(7,113,143.59)	(5,168,998.59)	(1,944,145.00)
Total Liabilities	(7,267,494.47)	(7,242,678.25)	(7,268,639.94)	(5,286,260.80)	(1,982,379.14)
Assets- Liabilities	22,022,521.40	22,110,052.97	22,147,257.22	20,998,041.63	1,149,215.59
204-39900-0000-000 FUND BALANCE	(22,022,521.40)	(22,022,521.40)	(22,022,521.40)	(20,670,185.71)	(1,352,335.69)
Profit/Loss	0.00	87,531.57	124,735.82	327,855.92	(203,120.10)

Year: 2025
 Period: September
 Period Begin: 09/01/24
 Period End: 09/30/24
 Budget Amounts: Original

Hartsville Trousdale Water and Sewer Income Statement

Account	September Actual Balance	2025 YTD Actual Balance	YTD Budget Total	YTD Budget Remaining
204-43190-0000-001 OTHER GENERAL SERVICES CONNECTION FEE(\$825.00)	(4,350.00)	(4,350.00)	(\$22,754.00)	(\$18,404.00)
204-43190-0000-002 OTHER GENERAL SERVICES SEWER SALES(\$104,833.14)	(300,678.81)	(300,678.81)	(\$1,080,824.00)	(\$780,145.19)
204-43190-0000-003 OTHER GENERAL SERVICES CONNECTION FEES(\$1,275.00)	(4,950.00)	(4,950.00)	(\$34,131.00)	(\$29,181.00)
Sewer Connections	(\$106,933.14)	(309,978.81)	(\$1,137,709.00)	(\$827,730.19)
204-43191-0000-001 WATER SALES CITY	(\$107,093.51)	(307,348.17)	(\$1,114,100.00)	(\$806,751.83)
204-43191-0000-003 WATER SALES RURAL	(\$168,591.96)	(474,793.76)	(\$1,671,150.00)	(\$1,196,356.24)
Water Sales	(\$275,685.47)	(782,141.93)	(\$2,785,250.00)	(\$2,003,108.07)
204-43193-0000-001 TAP SALES CITY	\$0.00	(17,980.00)	(\$109,040.00)	(\$91,060.00)
204-43193-0000-002 TAP SALES SEWER	\$0.00	(14,000.00)	(\$76,887.00)	(\$62,887.00)
204-43193-0000-003 TAP SALES RURAL	(\$8,142.00)	(51,953.00)	(\$163,559.00)	(\$111,606.00)
Tap Sales	(\$8,142.00)	(83,933.00)	(\$349,486.00)	(\$265,553.00)
204-43194-0000-001 SERVICE CHARGES CITY	(\$5,265.48)	(13,314.75)	(\$126,517.00)	(\$113,202.25)
204-43194-0000-002 SERVICE CHARGES SEWER	(\$623.47)	(1,641.34)	(\$126,517.00)	(\$124,875.66)
204-43194-0000-003 SERVICE CHARGES RURAL	(\$589.99)	(2,521.07)	(\$130,351.00)	(\$127,829.93)
Service Charges	(\$6,478.94)	(17,477.16)	(\$383,385.00)	(\$365,907.84)
204-44110-0000-001 INVESTMENT INCOME CITY	(\$1,826.50)	(6,410.64)	(\$67,765.00)	(\$61,354.36)
Investment Income	(\$1,826.50)	(6,410.64)	(\$67,765.00)	(\$61,354.36)
204-44120-0000-001 LEASE/RENTALS CITY	\$0.00	0.00	(\$7,380.00)	(\$7,380.00)
Lease Rentals	\$0.00	0.00	(\$7,380.00)	(\$7,380.00)
204-44530-0000-001 SALE OF EQUIPMENT	\$0.00	0.00	\$0.00	\$0.00
Sale of Equipment	\$0.00	0.00	\$0.00	\$0.00
204-44560-0000-003 DAMAGES RECOVERED FROM INDIVIDUALS	\$0.00	0.00	\$0.00	\$0.00
204-44570-0000-001 CONTRIBUTIONS AND GIFTS	\$0.00	0.00	(\$1,146.75)	(\$1,146.75)
204-44570-0000-003 CONTRIBUTIONS AND GIFTS	\$0.00	0.00	\$0.00	\$0.00
204-44990-0000-001 OTHER REVENUE(BAD DEBT RECOVERY)	(\$1,066.51)	(2,639.33)	\$0.00	\$2,639.33
204-47590-0000-001 OTHER FEDERAL THRU STATE	\$0.00	0.00	\$0.00	\$0.00
204-47901-0000-001 AMERICAN RESCUE PLAN FUNDING	\$0.00	0.00	\$0.00	\$0.00
204-48130-0000-000 Other Governments and Citizens Groups	\$0.00	0.00	\$0.00	\$0.00
204-48990-0000-001 OTHER INCOME/ SAFETY GRANT	\$0.00	(9,215.93)	\$0.00	\$9,215.93
Grants/Contributions	(\$1,066.51)	(11,855.26)	(\$1,146.75)	\$10,708.51
Total Revenue	(\$400,132.56)	(1,211,796.80)	(\$4,732,121.75)	(\$3,520,324.95)
204-55900-0105-001 EMPLOYEE WAGES- SUPERVISOR	\$0.00	0.00	\$30,466.00	\$30,466.00

Account	September Actual Balance	2025 YTD Actual Balance	YTD Budget Total	YTD Budget Remaining
204-55900-0105-002 EMPLOYEE WAGES SUPERVISOR SEWER	\$0.00	0.00	\$30,466.00	\$30,466.00
204-55900-0105-003 EMPLOYEE WAGES SUPERVISOR RURAL	\$0.00	0.00	\$30,467.00	\$30,467.00
Supervisor	\$0.00	0.00	\$91,399.00	\$91,399.00
204-55900-0162-001 EMPLOYEE WAGES CLERICAL CITY	\$6,948.72	19,526.42	\$70,580.00	\$51,053.58
204-55900-0162-002 EMPLOYEE WAGES CLERICAL SEWER	\$7,546.15	21,480.48	\$75,285.00	\$53,804.52
204-55900-0162-003 EMPLOYEE WAGES CLERICAL RURAL	\$10,174.56	24,271.78	\$89,401.00	\$65,129.22
Clerical	\$24,669.43	65,278.68	\$235,266.00	\$169,987.32
204-55900-0187-001 EMPLOYEE WAGES OVERTIME CITY	\$6,400.51	18,964.50	\$71,199.00	\$52,234.50
204-55900-0187-003 EMPLOYEE WAGES OVERTIME RURAL	\$8,372.46	25,315.31	\$107,761.00	\$82,445.69
204-55900-0187-002 EMPLOYEE WAGES OVERTIME SEWER	\$1,419.60	4,104.44	\$11,546.00	\$7,441.56
Employee Wages	\$16,192.57	48,384.25	\$190,506.00	\$142,121.75
204-55900-0188-003 EMPLOYEE WAGES BONUS RURAL	\$0.00	0.00	\$0.00	\$0.00
204-55900-0188-001 EMPLOYEE WAGES BONUS CITY	\$0.00	0.00	\$0.00	\$0.00
204-55900-0188-002 EMPLOYEE WAGES BONUS SEWER	\$0.00	0.00	\$0.00	\$0.00
Employee Bonus	\$0.00	0.00	\$0.00	\$0.00
204-55900-0189-001 EMPLOYEE WAGES OTHER SALARY CITY	\$25,052.41	70,035.67	\$262,132.00	\$192,096.33
204-55900-0189-002 EMPLOYEE WAGES OTHER SALARY SEWER	\$14,292.69	40,753.99	\$185,034.00	\$144,280.01
204-55900-0189-003 EMPLOYEE WAGES OTHER SALARY RURAL	\$34,080.45	98,051.05	\$323,810.00	\$225,758.95
Employee Wages	\$73,425.55	208,840.71	\$770,976.00	\$562,135.29
204-55900-0191-001 BOARD MEMBERS SALARY	\$400.00	550.00	\$4,800.00	\$4,250.00
Board Members	\$400.00	550.00	\$4,800.00	\$4,250.00
204-55900-0196-001 IN SERVICE TRAINING CITY	\$44.00	748.00	\$2,500.00	\$1,752.00
204-55900-0196-002 IN-SERVICE TRAINING	\$0.00	590.00	\$2,500.00	\$1,910.00
204-55900-0196-003 IN SERVICE TRAINING RURAL	\$66.00	1,122.00	\$2,500.00	\$1,378.00
In service Training	\$110.00	2,460.00	\$7,500.00	\$5,040.00
204-55900-0201-001 EMPLOYEE BENEFIT SOCIAL SECURITY CITY	\$2,545.57	8,307.38	\$31,739.00	\$23,431.62
204-55900-0201-002 EMPLOYEE BENEFIT SOCIAL SECURITY SEWER	\$936.06	3,074.53	\$31,739.00	\$28,664.47
204-55900-0201-003 EMPLOYEE BENEFIT SOCIAL SECURITY RURAL	\$3,022.48	9,766.63	\$32,700.00	\$22,933.37
Social security	\$6,504.11	21,148.54	\$96,178.00	\$75,029.46
204-55900-0204-001 EMPLOYEE BENEFIT STATE RETIREMENT CITY	\$1,743.60	4,633.15	\$20,881.00	\$16,247.85
204-55900-0204-002 EMPLOYEE BENEFIT STATE RETIREMENT SEWER	\$823.30	2,089.96	\$20,881.00	\$18,791.04
204-55900-0204-003 EMPLOYEE BENEFIT STATE RETIREMENT RURAL	\$2,615.40	6,949.72	\$21,513.00	\$14,563.28
Retirement	\$5,182.30	13,672.83	\$63,275.00	\$49,602.17
204-55900-0207-001 EMPLOYEE BENEFIT MEDICAL CITY	\$3,703.38	10,008.25	\$48,885.00	\$38,876.75
204-55900-0207-002 EMPLOYEE BENEFIT MEDICAL SEWER	\$1,851.69	5,555.07	\$48,885.00	\$43,329.93
204-55900-0207-003 EMPLOYEE BENEFIT MEDICAL RURAL	\$5,555.07	15,012.38	\$50,366.00	\$35,353.62
Medical Insurance	\$11,110.14	30,575.70	\$148,136.00	\$117,560.30
204-55900-0301-001 ACCOUNTING SERVICES	\$0.00	0.00	\$1,043.01	\$1,043.01
Accounting	\$0.00	0.00	\$1,043.01	\$1,043.01

Account	September Actual Balance	2025 YTD Actual Balance	YTD Budget Total	YTD Budget Remaining
204-55900-0307-001 COMMUNICATION CITY	\$623.45	1,761.29	\$9,011.00	\$7,249.71
204-55900-0307-002 COMMUNICATION SEWER	\$74.50	226.30	\$9,011.00	\$8,784.70
204-55900-0307-003 COMMUNICATION RURAL	\$1,757.51	5,460.29	\$9,284.00	\$3,823.71
Communication	\$2,455.46	7,447.88	\$27,306.00	\$19,858.12
204-55900-0317-001 DATA PROCESSING CITY	\$216.67	6,516.57	\$23,284.00	\$16,767.43
204-55900-0317-002 DATA PROCESSING SEWER	\$216.67	6,516.57	\$23,284.00	\$16,767.43
204-55900-0317-003 DATA PROCESSING RURAL	\$216.66	7,267.90	\$23,990.00	\$16,722.10
Data Processing	\$650.00	20,301.04	\$70,558.00	\$50,256.96
204-55900-0320-001 DUES AND MEMBERSHIPS CITY	\$0.00	0.00	\$912.00	\$912.00
204-55900-0320-002 DUES AND MEMBERSHIPS SEWER	\$0.00	0.00	\$912.00	\$912.00
204-55900-0320-003 DUES AND MEMBERSHIPS RURAL	\$0.00	0.00	\$914.00	\$914.00
Dues and Memberships	\$0.00	0.00	\$2,738.00	\$2,738.00
204-55900-0321-001 ENGINEERING SERVICES	\$0.00	416.30	\$20,852.00	\$20,435.70
204-55900-0321-002 ENGINEERING SERVICES	\$0.00	0.00	\$20,852.00	\$20,852.00
204-55900-0321-003 ENGINEERING SERVICES	\$0.00	0.00	\$20,915.00	\$20,915.00
Engineering Services	\$0.00	416.30	\$62,619.00	\$62,202.70
204-55900-0332-001 LEGAL NOTICES, RECORDINGS CITY	\$53.34	453.34	\$756.00	\$302.66
204-55900-0332-002 LEGAL NOTICES, RECORDINGS SEWER	\$235.59	1,085.59	\$756.00	(\$329.59)
204-55900-0332-003 LEGAL NOTICES, RECORDINGS RURAL	\$53.32	453.32	\$758.00	\$304.68
Legal Notices	\$342.25	1,992.25	\$2,270.00	\$277.75
204-55900-0335-001 MAINTENANCE REPAIRS BUILDING CITY	\$0.00	0.00	\$364.00	\$364.00
204-55900-0335-002 MAINTENANCE REPAIR BLD SEWER	\$0.00	0.00	\$364.00	\$364.00
204-55900-0335-003 MAINTENANCE REPAIR BUILDING RURL	\$0.00	0.00	\$366.00	\$366.00
Maintenance Buildings	\$0.00	0.00	\$1,094.00	\$1,094.00
204-55900-0336-001 MAINTENANCE REPAIR EQUIPMENT CITY	\$3,148.51	5,511.88	\$50,701.00	\$45,189.12
204-55900-0336-002 MAINTENANCE REPAIR EQUIPMENT SEWER	\$7,178.58	12,551.97	\$50,701.00	\$38,149.03
204-55900-0336-003 MAINTENANCE REPAIR EQUIPMENT RURAL	\$4,722.76	8,835.80	\$50,853.00	\$42,017.20
Maintenance equipment	\$15,049.85	26,899.65	\$152,255.00	\$125,355.35
204-55900-0337-001 MAINTENANCE/ REPAIR OFFICE EQUIPMENT	\$0.00	0.00	\$3,070.00	\$3,070.00
204-55900-0337-002 MAINTENACNE/REPAIRS OFFICE EQUIPMENT	\$0.00	0.00	\$3,070.00	\$3,070.00
204-55900-0337-003 MAINTENACNE/REPAIRS OFFICE EQUIPMENT	\$0.00	0.00	\$3,079.00	\$3,079.00
Maintenance Office Equipment	\$0.00	0.00	\$9,219.00	\$9,219.00
204-55900-0338-001 MAINTENANCE REPAIR VEHICLES CITY	\$425.22	1,068.09	\$6,924.00	\$5,855.91
204-55900-0338-002 MAINTENANCE REPAIR VEHICLES SEWER	\$0.00	0.00	\$6,924.00	\$6,924.00
204-55900-0338-003 MAINTENANCE REPAIR VEHICLES RURAL	\$455.58	1,407.42	\$6,945.00	\$5,537.58
Maintenance Vehicles	\$880.80	2,475.51	\$20,793.00	\$18,317.49
204-55900-0348-001 POSTAL CHARGES CITY	\$0.00	76.15	\$305.00	\$228.85
204-55900-0348-002 POSTAL CHARGES SEWER	\$0.00	73.00	\$305.00	\$232.00
204-55900-0348-003 POSTAL CHARGES RURAL	\$0.00	73.00	\$306.00	\$233.00
Postal Charges	\$0.00	222.15	\$916.00	\$693.85
204-55900-0355-001 TRAVEL	\$0.00	0.00	\$277.00	\$277.00

Account	September Actual Balance	2025 YTD Actual Balance	YTD Budget Total	YTD Budget Remaining
204-55900-0355-002 TRAVEL	\$0.00	0.00	\$277.00	\$277.00
204-55900-0355-003 TRAVEL	\$0.00	0.00	\$278.00	\$278.00
Travel	\$0.00	0.00	\$832.00	\$832.00
204-55900-0359-002 DISPOSAL FEES	\$0.00	1,752.09	\$8,713.00	\$6,960.91
Disposal Fees	\$0.00	1,752.09	\$8,713.00	\$6,960.91
204-55900-0361-001 PERMITS CITY	\$0.00	0.00	\$2,067.00	\$2,067.00
204-55900-0361-002 PERMITS SEWER	\$0.00	0.00	\$2,067.00	\$2,067.00
204-55900-0361-003 PERMITS RURAL	\$0.00	150.00	\$2,073.00	\$1,923.00
Permits	\$0.00	150.00	\$6,207.00	\$6,057.00
204-55900-0399-001 OTHER CONTRACTED SERVICES CITY	\$474.17	4,593.25	\$16,701.00	\$12,107.75
204-55900-0399-002 OTHER CONTRACTED SERVICES SEWER	\$298.93	1,079.70	\$16,701.00	\$15,621.30
204-55900-0399-003 OTHER CONTRACTED SERVICES RURAL	\$711.15	4,389.65	\$16,751.00	\$12,361.35
Other Contracted services	\$1,484.25	10,062.60	\$50,153.00	\$40,090.40
204-55900-0415-001 ELECTRICITY CITY	\$5,761.89	16,681.80	\$102,409.00	\$85,727.20
204-55900-0415-002 ELECTRICITY SEWER	\$11,866.53	36,637.05	\$102,409.00	\$65,771.95
204-55900-0415-003 ELECTRICITY RURAL	\$9,920.23	29,476.93	\$102,717.00	\$73,240.07
Electricity	\$27,548.65	82,795.78	\$307,535.00	\$224,739.22
204-55900-0425-001 GASOLINE CITY	\$1,493.67	4,108.07	\$16,448.00	\$12,339.93
204-55900-0425-002 GASOLINE SEWER	\$0.00	459.83	\$16,448.00	\$15,988.17
204-55900-0425-003 GASOLINE RURAL	\$2,578.48	6,500.05	\$16,498.00	\$9,997.95
Gasoline	\$4,072.15	11,067.95	\$49,394.00	\$38,326.05
204-55900-0434-001 NATURAL GAS CITY	\$20.20	60.18	\$2,198.00	\$2,137.82
204-55900-0434-002 NATURAL GAS SEWER	\$0.00	0.00	\$2,198.00	\$2,198.00
204-55900-0434-003 NATURAL GAS RURAL	\$30.28	90.21	\$2,205.00	\$2,114.79
Natural Gas	\$50.48	150.39	\$6,601.00	\$6,450.61
204-55900-0435-001 OFFICE SUPPLIES CITY	\$22.26	185.23	\$816.00	\$630.77
204-55900-0435-002 OFFIC SUPPLIES SEWER	\$0.00	72.23	\$816.00	\$743.77
204-55900-0435-003 OFFICE SUPPLIES RURAL	\$33.39	241.72	\$818.00	\$576.28
Office Supplies	\$55.65	499.18	\$2,450.00	\$1,950.82
204-55900-0450-001 TIRES AND TUBES CITY	\$0.00	428.80	\$1,646.00	\$1,217.20
204-55900-0450-002 TIRES AND TUBES SEWER	\$0.00	0.00	\$1,646.00	\$1,646.00
204-55900-0450-003 TIRES AND TUBES RURAL	\$0.00	643.20	\$1,651.00	\$1,007.80
Tires and Tubes	\$0.00	1,072.00	\$4,943.00	\$3,871.00
204-55900-0463-001 TESTING (WATER SAMPLES, ETC) CITY	\$3,459.12	9,557.48	\$10,517.00	\$959.52
204-55900-0463-002 TESTING (WATER SAMPLES, ETC) SEWER	\$100.00	1,473.80	\$10,517.00	\$9,043.20
204-55900-0463-003 TESTING (WATER SAMPLES, ETC) RURAL	\$688.68	9,686.22	\$10,548.00	\$861.78
Testing	\$4,247.80	20,717.50	\$31,582.00	\$10,864.50
204-55900-0468-001 CHEMICALS CITY	\$4,759.43	17,159.02	\$61,277.00	\$44,117.98
204-55900-0468-002 CHEMICALS SEWER	\$1,210.15	4,196.92	\$61,277.00	\$57,080.08
204-55900-0468-003 CHEMICALS RURAL	\$7,364.12	25,963.47	\$61,461.00	\$35,497.53

Account	September Actual Balance	2025 YTD Actual Balance	YTD Budget Total	YTD Budget Remaining
Chemicals	\$13,333.70	47,319.41	\$184,015.00	\$136,695.59
204-55900-0499-001 OTHER SUPPLIES AND MATERIALS CITY	\$9,889.71	48,357.16	\$187,324.00	\$138,966.84
204-55900-0499-002 OTHER SUPPLIES AND MATERIALS SEWER	\$2,998.77	8,682.97	\$187,324.00	\$178,641.03
204-55900-0499-003 OTHER SUPPLIES AND MATERIALS RURAL	\$14,831.35	77,936.60	\$187,887.00	\$109,950.40
Other Supplies	\$27,719.83	134,976.73	\$562,535.00	\$427,558.27
204-55900-0506-001 LIABILITY INSURANCE CITY	\$3,279.37	9,838.11	\$33,614.00	\$23,775.89
204-55900-0506-002 LIABILITY INSURANCE SEWER	\$3,279.37	9,838.11	\$33,614.00	\$23,775.89
204-55900-0506-003 LIABILITY INSURANCE RURAL	\$3,279.35	9,838.05	\$33,715.00	\$23,876.95
Liability Ins	\$9,838.09	29,514.27	\$100,943.00	\$71,428.73
204-55900-0514-001 DEPRECIATION CITY	\$23,758.00	71,632.94	\$343,364.00	\$271,731.06
204-55900-0514-002 DEPRECIATION SEWER	\$23,758.00	71,632.94	\$343,364.00	\$271,731.06
204-55900-0514-003 DEPRECIATION RURAL	\$23,758.00	71,632.94	\$344,396.00	\$272,763.06
204-55900-0520-001 LOSS ON DISPOSAL OF PROPERTY	\$0.00	0.00	\$0.00	\$0.00
Depreciation	\$71,274.00	214,898.82	\$1,031,124.00	\$816,225.18
204-55900-0599-001 OTHER CHARGES CITY	\$13,198.03	16,545.59	\$13,838.00	(\$2,707.59)
204-55900-0599-002 OTHER CHARGES SEWER	\$109.17	424.99	\$13,838.00	\$13,413.01
204-55900-0599-003 OTHER CHARGES RURAL	\$19,810.91	24,759.56	\$13,879.00	(\$10,880.56)
Other Charges	\$33,118.11	41,730.14	\$41,555.00	(\$175.14)
204-55900-0603-001 INTEREST ON LOAN	\$2,048.80	6,146.40	\$33,537.54	\$27,391.14
204-55900-0603-002 INTEREST ON LOAN SEWER	\$7,944.14	23,881.63	\$33,537.54	\$9,655.91
204-55900-0603-003 INTEREST ON LOAN	\$3,073.20	9,219.60	\$33,537.54	\$24,317.94
Int on Loans	\$13,066.14	39,247.63	\$100,612.62	\$61,364.99
204-55900-0699-000 ADMINISTRATIVE FEE	\$147.00	441.00	\$0.00	(\$441.00)
Admin Fee on Loan	\$147.00	441.00	\$0.00	(\$441.00)
204-55900-0719-001 OFFICE EQUIPMENT	\$0.00	0.00	\$799.00	\$799.00
204-55900-0719-002 OFFICE EQUIPMENT	\$0.00	0.00	\$799.00	\$799.00
204-55900-0719-003 OFFICE EQUIPMENT	\$0.00	0.00	\$802.00	\$802.00
OFFICE EQUIPMENT	\$0.00	0.00	\$2,400.00	\$2,400.00
204-58831-0188-001 AMERICAN RESCUE PLAN EXPENDITURES LABOR	\$0.00	0.00	\$0.00	\$0.00
204-58831-0201-001 AMERICAN RESCUE PLAN EXPENDITURES SS,TAX	\$0.00	0.00	\$0.00	\$0.00
204-58831-0212-001 AMERICAN RESCUE PLAN EXPENDITURES MEDIC	\$0.00	0.00	\$0.00	\$0.00
AMERICAN RESCUE PLAN	\$0.00	0.00	\$0.00	\$0.00
Total Expenses	\$362,928.31	1,087,060.98	\$4,450,441.63	\$3,363,380.65
Net Profit/Loss	(\$37,204.25)	(124,735.82)	(\$281,680.12)	(\$156,944.30)

HTWS Utility District Billing Register

Cycle(s) *All*
 Customer Type(s) *All*
 Service Type(s) *All*
 Print Billing Register For *Historical Billing*
 Address To Print *Billing Address*
 Totals Format *Balance Totals*
 Account Number Range *All*

Break Out Service Credit
 Print Budget Actual Amounts
 Space Between Accounts *0"*
 AddOn Type Reporting Group *All*
 Transaction Date Range *9/1/2024 To 9/30/2024*
 Print Format *Totals Only*
 Print Rate Codes
 Filter By Reporting Groups

Billing Register Sort Order *Account Number*
 Use Reading Factor
 Print Final Bills First
 Include Inactive Services
 Inactive Services To Include *All*

Service	Budget	Final	Active	Inactive	Usage	Deposits	Charge	State Tax	Net	Arrears	Balance	Penalty
Route 48 Totals												
Garbage	0	0	4	0	0	0.00	59.50	0.00	59.50	0.00	59.50	0.00
Sewer	0	0	14	0	5755454	0.00	48,882.28	0.00	48,882.28	0.00	48,882.28	0.00
Water	0	21	2445	17	22299607	0.00	211,074.40	17,115.88	228,190.28	11,478.51	239,668.79	3,437.33
Leak Protect	0	16	2170	8	0	0.00	5,217.10	0.00	5,217.10	82.41	5,299.51	0.00
Line Protect	0	16	2166	3	0	0.00	3,210.50	0.00	3,210.50	25.00	3,235.50	0.00
Service	0	0	1	8	0	0.00	0.00	0.00	0.00	210.00	210.00	0.00
Sewer Leak	0	0	13	0	0	0.00	31.80	0.00	31.80	0.00	31.80	0.00
Sewer Line	0	0	6	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Customer Credit							0.00	0.00	0.00	(14,959.76)	(14,959.76)	0.00
	0	53	6819	36	28055061	0.00	268,475.58	17,115.88	285,591.46	(3,163.84)	282,427.62	3,437.33
Number of Active Accounts											2215	
Number of Inactive Accounts											13	
Route 49 Totals												
Garbage	0	13	533	7	0	0.00	11,269.50	0.00	11,269.50	380.55	11,650.05	0.00
Sewer	0	16	720	8	3505501	0.00	27,898.88	0.00	27,898.88	933.75	28,832.63	1,273.75
Sprinklers	0	0	1	0	0	0.00	1.00	0.00	1.00	0.00	1.00	0.00
Water	0	17	731	7	3638974	0.00	29,408.23	2,358.80	31,767.03	761.46	32,528.49	433.02
Leak Protect	0	14	602	7	0	0.00	1,441.77	0.00	1,441.77	51.64	1,493.41	0.00
Line Protect	0	14	599	1	0	0.00	642.00	0.00	642.00	20.00	662.00	0.00
Service	0	0	0	2	0	0.00	0.00	0.00	0.00	75.00	75.00	0.00
Sewer Leak	0	14	582	6	0	0.00	1,663.20	0.00	1,663.20	45.17	1,708.37	0.00
Sewer Line	0	1	117	1	0	0.00	190.00	0.00	190.00	13.00	203.00	0.00
Customer Credit							0.00	0.00	0.00	(3,070.82)	(3,070.82)	0.00
	0	89	3885	39	7144475	0.00	72,514.58	2,358.80	74,873.38	(790.25)	74,083.13	1,706.77
Number of Active Accounts											624	
Number of Inactive Accounts											7	

Service	Budget	Final	Active	Inactive	Usage	Deposits	Charge	State Tax	Net	Arrears	Balance	Penalty
Route 50 Totals												
Garbage	0	3	473	7	0	0.00	9,338.00	0.00	9,338.00	535.36	9,873.36	0.00
Sewer	0	5	640	8	3616677	0.00	28,051.98	0.00	28,051.98	1,445.81	29,497.79	924.72
Sprinklers	0	0	1	0	0	0.00	1.00	0.00	1.00	0.00	1.00	0.00
Water	0	5	683	10	4261512	0.00	30,409.96	2,545.80	32,955.76	1,086.36	34,042.12	425.98
Leak Protect	0	3	588	6	0	0.00	1,418.64	0.00	1,418.64	66.64	1,485.28	0.00
Line Protect	0	3	582	0	0	0.00	616.00	0.00	616.00	5.00	621.00	0.00
Service	0	0	0	3	0	0.00	0.00	0.00	0.00	90.00	90.00	0.00
Sewer Leak	0	3	557	6	0	0.00	1,717.65	0.00	1,717.65	53.86	1,771.51	0.00
Sewer Line	0	0	169	0	0	0.00	190.00	0.00	190.00	0.00	190.00	0.00
Customer Credit							0.00	0.00	0.00	(5,669.91)	(5,669.91)	0.00
	0	22	3693	40	7878189	0.00	71,743.23	2,545.80	74,289.03	(2,386.88)	71,902.15	1,350.70
Number of Active Accounts												604
Number of Inactive Accounts												8
Route 51 Totals												
Water	0	0	15	0	40351	0.00	622.57	43.41	665.98	0.00	665.98	7.12
Leak Protect	0	0	13	0	0	0.00	28.27	0.00	28.27	0.00	28.27	0.00
Line Protect	0	0	12	0	0	0.00	15.00	0.00	15.00	0.00	15.00	0.00
Customer Credit							0.00	0.00	0.00	(0.37)	(0.37)	0.00
	0	0	40	0	40351	0.00	665.84	43.41	709.25	(0.37)	708.88	7.12
Number of Active Accounts												13
Number of Inactive Accounts												0
Route 52 Totals												
Water	0	0	15	1	26722	0.00	496.13	42.96	539.09	34.18	573.27	0.00
Leak Protect	0	0	15	1	0	0.00	28.27	0.00	28.27	2.57	30.84	0.00
Line Protect	0	0	15	0	0	0.00	20.00	0.00	20.00	0.00	20.00	0.00
	0	0	45	2	26722	0.00	544.40	42.96	587.36	36.75	624.11	0.00
Number of Active Accounts												15
Number of Inactive Accounts												1
Route 90 Totals												
Water	0	0	5	0	314822	0.00	3,102.42	168.25	3,270.67	0.00	3,270.67	142.96
Customer Credit							0.00	0.00	0.00	(770.12)	(770.12)	0.00
	0	0	5	0	314822	0.00	3,102.42	168.25	3,270.67	(770.12)	2,500.55	142.96
Number of Active Accounts												2
Number of Inactive Accounts												0

Service	Budget	Final	Active	Inactive	Usage	Deposits	Charge	State Tax	Net	Arrears	Balance	Penalty	
Report Totals													
Garbage	0	16	1010	14	0	0.00	20,667.00	0.00	20,667.00	915.91	21,582.91	0.00	
Sewer	0	21	1374	16	12877632	0.00	104,833.14	0.00	104,833.14	2,379.56	107,212.70	2,198.47	
Sprinklers	0	0	2	0	0	0.00	2.00	0.00	2.00	0.00	2.00	0.00	
Water	0	43	3894	35	30581988	0.00	275,113.71	22,275.10	297,388.81	13,360.51	310,749.32	4,446.41	
Leak Protect	0	33	3388	22	0	0.00	8,134.05	0.00	8,134.05	203.26	8,337.31	0.00	
Line Protect	0	33	3374	4	0	0.00	4,503.50	0.00	4,503.50	50.00	4,553.50	0.00	
Service	0	0	1	13	0	0.00	0.00	0.00	0.00	375.00	375.00	0.00	
Sewer Leak	0	17	1152	12	0	0.00	3,412.65	0.00	3,412.65	99.03	3,511.68	0.00	
Sewer Line	0	1	292	1	0	0.00	380.00	0.00	380.00	13.00	393.00	0.00	
Customer Credit							0.00	0.00	0.00	(24,470.98)	(24,470.98)	0.00	
	0	164	14487	117	43459620	0.00	417,046.05	22,275.10	439,321.15	(7,074.71)	432,246.44	6,644.88	
											Number of Active Accounts		3473
											Number of Inactive Accounts		29

HARTSVILLE/TROUSDALE WATER AND SEWER UTILITY DISTRICT TAP AND CONNECTION FEES

Tap Sales fye 2025	3/4" \$ 2,714.00	1" \$ 3,157.00	2" \$ 7,463.00	Sewer/ Residential \$3,000.00	Sewer/ Commercial \$4,000.00	Irrigation \$	Total QTY	\$
1st qtr	14 \$37,996.00	8 \$25,256.00	1 \$7,463.00	2 \$6,000.00	2 \$8,000.00		27	\$84,715.00
2nd qtr							0	\$0.00
3rd qtr							0	\$0.00
4th qtr								
Total YTD	14 \$37,996.00	8 \$25,256.00	1 \$7,463.00	2 \$6,000.00	2 \$8,000.00	0	27	\$84,715.00

Connection Fees	City \$	Rural \$	Hydrants \$	Total \$
1st qtr	59 \$4,425.00	65 \$4,875.00		124 \$9,300.00
2nd qtr				0 \$0.00
3rd qtr				0 \$0.00
4th qtr				0 \$0.00
Total YTD	59 \$4,425.00	65 \$4,875.00	0 \$0.00	124 \$9,300.00

008-City
009-Rural



MID-TENN ENGINEERING COMPANY

October 17, 2024

Hartsville-Trousdale Water & Sewer Utility District
326 Broadway
Hartsville, TN 37074

RE: GRIFFS HOLLOW WATER LINE STUDY

Dear Board members,

On September 26th Mr. Tony Crook and myself visited the water hydrant on Griffs Hollow Ln. in northern Trousdale County. The static pressure was checked with a calibrated pressure gauge and registered 20 psi with the pump off and on (see picture). The pressure was read from the existing blow off hydrant, approximately 2 feet above the ground line and located on an existing 4" diameter water main. Assuming the line is 30 inches deep, the water pressure at the customers meters would be 22 psi±. The Tennessee Department of Environment and Conservation (TDEC) requires the water system supplier (WSS) to provide a minimum pressure of 20 psi to the customers meter, any variation in pressure after the meter is not WSS responsibility. The customer stated low water pressure at his residence, therefore I performed a hydraulic analysis of his service line and have attached it to this letter for reference. The main cause of low water pressure at his residence is due to the service line being undersized for the distance it must travel from the meter to his property. TDEC requires a minimum flow of 2 gpm for each customer's demand. It was also requested that a Return on Investment (ROI) be performed for the extension of the water main on Griffs Hollow Ln, this study is attached as well.

If you should have questions, please contact me at (615) 666-2385; or you may send an e-mail to ewhite@midtennengineering.com. Thanks again, and have a great day!

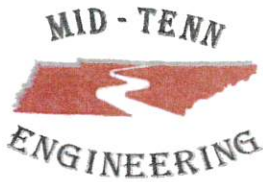
Sincerely,

Evan J White

PROJECT:		Griffs Hollow Ln. Waterline									
Location	Station	Elevation	Pipe Length	Hazen-Williams	Pipe Diameter	Flow	Headloss	Static Head Loss	Total Headloss	Residual Pressure	
(feet)		(feet)	(feet)	C	D (in)	Q (gpm)	Hf (feet)	(feet)	(feet)	(psi)	
Customers Service Line (Residential Flow)											
System Pressure at Blow Off Hydrant (Griffs Hollow Ln.)	0	1067								20	
Begin Line	0	1067	0	130	0.75	2	0	0	0	20	
End of Line	2300	1032	2300	130	0.75	2	43.094	-35	8.094001	16.49125	

PROJECT:		Griffs Hollow Ln. Waterline									
Location	Station	Elevation	Pipe Length	Hazen-Williams	Pipe Diameter	Flow	Headloss	Static Head Loss	Total Headloss	Residual Pressure	
(feet)		(feet)	(feet)	C	D	Q	Hf	(feet)	(feet)	(psi)	
Customers Service Line (Residential Flow)											
System Pressure at Blow Off Hydrant (Griffs Hollow Ln.)	0	1067								20	
Begin Line	0	1067	0	130	0.75	3	0	0	0	20	
End of Line	2300	1032	2300	130	0.75	3	91.24008	-35	56.24008	-4.380074	

PROJECT:		Griffs Hollow Ln. Waterline									
Location	Station	Elevation	Pipe Length	Hazen-Williams	Pipe Diameter	Flow	Headloss	Static Head Loss	Total Headloss	Residual Pressure	
(feet)		(feet)	(feet)	C	D (in)	Q (gpm)	Hf (feet)	(feet)	(feet)	(psi)	
Water Main Extension (Residential Flow)											
System Pressure at Blow Off Hydrant (Griffs Hollow Ln.)	0	1067								20	
Begin Line	0	1067	0	130	4	20	0	0	0	20	
End of Line	6270	710	6270	130	4	20	2.414039	-357	-354.586	173.713	



OPINION OF PROBABLE COST

Griffs Hollow Ln. Water Line Extension
 HTWSUD
 Trousdale County, Tennessee

Construction	Quantity	Rate	Total
Mobilization	1	\$ 10,000.00	\$ 10,000.00
4" C-900 PVC Water Main	6270	\$ 45.00	\$ 282,150.00
4" PRV with Vault	1	\$ 30,000.00	\$ 30,000.00
D.I. Fittings	250	\$ 8.00	\$ 2,000.00
Blow-Off Hydrant Assembly	1	\$ 5,000.00	\$ 5,000.00
4" Gate Valve	2	\$ 4,000.00	\$ 8,000.00
Total Construction			\$ 337,150.00
Approx. Engineering			
Engineering Design		\$	10,114.50
Project Inspection		\$	10,114.50
Environmental Review		\$	250.00
Total Engineering		\$	20,479.00
TOTAL OPINION COSTS		\$	357,629.00

Return on Investment Waterlines (Griffs Hollow Ln.)		
Construction Cost	\$337,150.00	
Engineering Cost	\$10,114.50	
Inspection Cost	\$10,114.50	
Total Project Cost	\$357,379.00	
Number of Taps	5	
Tap Fees (\$2,750)	\$13,750.00	
Grant		
Total Amount to Repay	\$343,629.00	
Minimum Bill for No. of taps per year	\$1,877.40	
3000 gallons per month per year per No. of Taps	\$2,464.20	
4000 gallons per month per year per No. of Taps	\$3,051.00	
5000 gallons per month per year per No. of Taps	\$3,637.80	
3380 gallons per month per year per No. of Taps	\$2,687.40	
ROI for Minimum bill per Tap	183.0345158	Years
ROI for 3000 gallons per month per Tap	139.4485026	Years
ROI for 4000 gallons per month per Tap	112.6283186	Years
ROI for 5000 gallons per month per Tap	94.46066304	Years
ROI for 3380 gallons per month per Tap (HTWSUD Average)	127.8667113	Years



