



Hartsville/Trousdale
Water/Sewer Utility Board

Heather Bay
Chairman

Mark White
Co-Chairman

Vacant
Secretary

Kendra Stafford
Member

Jack McCall
Member

Vacant
Member

DATE AND TIME:

Tuesday, September 13, 2022, at 6:00 pm

PLACE OF MEETING:

**Trousdale County Courthouse
200 East Main Street
Hartsville, TN. 37074**

AGENDA

ORDER OF BUSINESS

1. Open Meeting.
2. Invocation.
3. Pledge of Allegiance.
4. Roll call and determination of quorum.
5. Water Board Members Service Recognition.
6. Approval of August 2022 Meeting Minutes.
7. Approval of August 2022 Financial reports.
8. Water Loss Report.
9. Engineering Report Evan White Mid-Tenn. Engineering.
 - Discuss possible projects for the ARPA funds. Deadline for project submissions is November 15, 2022.
10. General Manager Report:
 - Approval of the General Wastewater Regulations with updated modifications.
 - Approval to Surplus Ford F250 Flatbed Truck and O'Brien Sewer Jetter trailer.
11. Public Comments.
12. Board Members Comments.
13. Adjournment.

Aug 23, 2022
Hartsville-Trousdale County
Water & Sewer Utility District
Meeting of Board of Commissioners

The August meeting was called to order by Chairman Bay.

The invocation was done by Dwight Jewell who also led the pledge of allegiance.

Board members present were Heather Bay, Dwight Jewell, Kendra Stafford, Stephen Chambers and Mark White. Others in attendance were Evan White, Tommy McFarland, and Mary Dale Welch.

Chairman Bay announced that the monthly meetings, starting in September, will be held on the 3rd Tuesday of each month at 6:00pm.

Our departing Board Members, Todd Webber, Stephen Chambers, and Dwight Jewell were recognized with a thank you and a plaque.

The July minutes were approved on a motion by Dwight Jewell and seconded by Mark White.

The July financials were approved on a motion by Stephen Chambers and seconded by Kendra Stafford.

Tommy presented the water loss report. It was at 36% this time last year and is at 32% this year. A large leak approximately 5million gallons a month was found on Badgett Lane. Still waiting on the meters for the water plant to ship. Also, another zone meter has been installed which helps to isolate the problem leak areas. Stephen Chambers made a motion to accept the water loss report. Mark White seconded the motion.

Evan White, Mid Tenn Engineering, reported the shop building is about 77% complete. The 20-year master plan for water is complete and the sewer plan is about 90% complete. Hwy 141 plans have been submitted to TDOT. The SRF (State Revolving Fund) loan is requiring that the rates for water be increased. The last water rate increase was in 2013. Mark White made the statement that the rates need to be reviewed each year to keep up with inflation. After much discussion, Dwight Jewell made a motion to increase the water rate by 12% effective 10/10/2022. Mark White seconded the motion.

Next on the agenda was the wastewater regulations which were presented last month. Stephen Chambers made a motion to change the wording in the regulations where the word City should be changed to Urban Services and County or Rural should be changed to General Services. Also in section 106 subsection c , remove the second is so it would now read: Where property is subdivided, and buildings use a common building sewer now located on separate properties, the building sewers must be separated within 60 days. Mark White seconded the motion.

A request was made to bring the wastewater regulations back to the Board next month after the changes are made.

Tommy informed the board Servline has decreased their rates for the water leak protection program. Dwight Jewell made a motion to accept the new rates. Stephen Chambers seconded the motion.

The meeting was adjourned.

**Hartsville Trousdale Water and Sewer
Budget To Actual: 2022-2023
for Accounting Period 8/31/2022**

Account Number	Account Description	Budget	12 Month Ave.	Budget Period	YTD Actual	Variance	
204-43190	OTHER GEN SERV- SEWER/CON	\$ 1,030,886.58	\$ 85,907.22	\$ 171,814.44	\$ 168,032.67	\$ 3,781.77	
204-43191	WATER SALES	\$ 2,397,198.54	\$ 199,766.55	\$ 399,533.10	\$ 419,113.31	\$ (19,580.21)	
204-43193	WATER TAP SALES	\$ 251,461.98	\$ 20,955.17	\$ 41,910.34	\$ 56,397.00	\$ (14,486.66)	
204-43194	SERVICE CHARGES	\$ 224,320.92	\$ 18,693.41	\$ 37,386.82	\$ 15,568.01	\$ 21,818.81	
204-44110	INVESTMENT INCOME	\$ 40,523.38	\$ 3,376.95	\$ 6,753.90	\$ 8,488.43	\$ (1,734.53)	
204-44120	LEASE/RENTALS - CITY	\$ 7,800.00	\$ 650.00	\$ 1,300.00	\$ 1,800.00	\$ (500.00)	
204-44530	SALE OF EQUIPMENT	\$ -	\$ -	\$ -	\$ -	\$ -	
204-44560	DAMAGES RECOVERED FROM INDIVIDUALS	\$ -	\$ -	\$ -	\$ -	\$ -	
204-44570	CONTRIBUTIONS AND GIFTS	\$ -	\$ -	\$ -	\$ -	\$ -	
204-44990	OTHER REVENUE(REC OF BAD DEBT)	\$ -	\$ -	\$ -	\$ 944.74	\$ (944.74)	
204-49700	INSURANCE RECOVERY	\$ -	\$ -	\$ -	\$ -	\$ -	
204-47590	OTHER FED THRU STATE(GRANT - SEWER	\$ -	\$ -	\$ -	\$ -	\$ -	
204-47901	AMERICAN RESCUE PLAN	\$ -	\$ -	\$ -	\$ -	\$ -	
204-48990	OTHER INCOME(SAFETY Grant)	\$ -	\$ -	\$ -	\$ -	\$ -	
Revenue Total	With Grants	\$ 3,952,191.40	\$ 329,349.28	\$ 658,698.60	\$ 670,344.16	\$ (11,645.56)	8.13%
Revenue Total	Without Grants	\$ 3,952,191.40	\$ 329,349.28	\$ 658,698.60	\$ 670,344.16	\$ (11,645.56)	8.13%
Expense Total		\$ 3,877,364.68	\$ 323,113.72	\$ 646,227.44	\$ 619,961.64	\$ 26,265.80	
Total Public Utilities		\$ 74,826.72	\$ 6,235.56	\$ 12,471.16	\$ 50,382.52	\$ (37,911.36)	

Hartsville Trousdale Water and Sewer Balance Sheet

Fiscal Year: 2023
Comparative Year: 0
IncludeThru: August

Account	2023 Beginning Balance	Previous Period Balance	2023 YTD 08/31/22
204-11120-0000-000 CASH ON HAND	\$ 400.00	\$ 400.00	\$ 400.00
204-11130-0000-000 CASH WBT550167	\$ 43,867.67	\$ 57,672.81	\$ 51,711.16
204-11130-0000-001 CB CD MATURITY 12/18/2021 2.1877%	\$ 1,046,481.78	\$ 1,046,481.78	\$ 1,046,481.78
204-11130-0000-003 CB CD MATURITY 08/06/2023 2.75%	\$ 575,350.65	\$ 575,350.65	\$ 583,151.63
204-11130-0000-004 PAYROLL ACCOUNT	\$ 10,009.61	\$ 10,009.64	\$ 25,251.18
204-11130-0000-005 MONEY MARKET ACCOUNT	\$ 2,339,824.18	\$ 2,315,290.99	\$ 2,290,882.58
Total Cash	\$ 4,015,933.89	\$ 4,005,205.87	\$ 3,997,878.33
204-11140-0000-000 ACCOUNTS RECEIVABLE	\$ 298,182.04	\$ 330,047.06	\$ 294,557.44
204-11170-0000-000 CASH EQUIVALENTS/VOUCHERS	\$ -	\$ 250.00	\$ 790.62
204-11600-0000-000 PREPAID ITEMS	\$ 88,901.04	\$ 81,494.63	\$ 81,494.63
204-12250-0000-000 NET PENSION ASSET	\$ 32,639.00	\$ 32,639.00	\$ 32,639.00
Short Term Assets	\$ 419,722.08	\$ 444,430.69	\$ 409,481.69
204-13200-0000-000 LAND	\$ 410,043.39	\$ 410,043.39	\$ 410,043.39
204-13300-0000-000 BUILDINGS AND IMPROVEMENTS	\$ 26,000.00	\$ 26,000.00	\$ 26,000.00
204-13310-0000-000 ACCUMULATED DEPCATION BUILDINGS	\$ (20,600.00)	\$ (20,600.00)	\$ (20,600.00)
204-13400-0000-000 INFRASTURE	\$ 30,164,551.35	\$ 30,164,551.35	\$ 30,164,551.35
204-13410-0000-000 ACCUMULATED DEPRECIATION INFRASTRUCTURE	\$ (12,031,712.74)	\$ (12,031,712.74)	\$ (12,031,712.74)
204-13700-0000-000 MACHINERY AND EQUIOMENT	\$ 1,335,524.78	\$ 1,335,524.78	\$ 1,335,524.78
204-13910-0000-000 ALLOWANCE FOR DEPRECIATION	\$ (750,728.19)	\$ (819,728.19)	\$ (819,728.19)
Long Term Assets	\$ 19,133,078.59	\$ 19,064,078.59	\$ 19,064,078.59
204-13800-0000-000 CONSTRUCTION IN PROGRESS	\$ -	\$ -	\$ -
204-13800-0000-002 CDBG 2019 FLEX NET SYSTEM	\$ -	\$ -	\$ -
204-13800-0000-001 CIP HONEYSUCKLE AND 141 EXTENSION	\$ -	\$ -	\$ -
204-13800-0000-003 POLE BARN	\$ -	\$ -	\$ -
204-13800-0000-004 WATER TREATMENT PLANT PROJECT	\$ -	\$ -	\$ -
204-13800-0000-005 FIRE HYDRANT PROJECT	\$ 316,363.63	\$ 316,363.63	\$ 316,363.63
204-13800-0000-006 SHOP BUILDING	\$ 789,619.98	\$ 895,550.11	\$ 970,166.25
204-13800-0000-007 PAINTING PIPE GALLERY AT WTP	\$ -	\$ -	\$ -
204-13800-0000-008 TANK PROJECT	\$ 79,247.50	\$ 79,247.50	\$ 79,247.50
204-13800-0000-009 BRIDLE PATH LOOP	\$ 19,400.00	\$ 19,400.00	\$ 19,400.00
204-13800-0000-010 GRAVEL HILL COMMUNICATION TOWER	\$ 4,325.00	\$ 4,325.00	\$ 4,325.00
Construction in Progress	\$ 1,208,956.11	\$ 1,314,886.24	\$ 1,389,502.38
204-15400-0000-000 PENSION CHANGES IN EXPERIENCE	\$ (6,257.00)	\$ (6,257.00)	\$ (6,257.00)
204-15401-0000-000 PENSION CHANGES IN ASSUMPTION	\$ 23,461.00	\$ 23,461.00	\$ 23,461.00
204-15402-0000-000 PENSION CHANGES IN INVESTMENT EARNINGS	\$ 33,135.00	\$ 33,135.00	\$ 33,135.00
204-15404-0000-000 PENSION CHANGES AFTER MEASUREMENT DATE	\$ 76,976.00	\$ 76,976.00	\$ 76,976.00
Changes in Pension	\$ 127,315.00	\$ 127,315.00	\$ 127,315.00
Total Assets	\$ 24,905,005.67	\$ 24,955,916.39	\$ 24,988,255.99
204-21100-0000-000 ACCOUNTS PAYABLE	\$ (63,073.22)	\$ (145,579.85)	\$ (137,078.89)
204-21200-0000-000 ACCRUED WAGES	\$ 0.03	\$ 0.03	\$ (19,707.71)
204-21310-0000-000 INCOME TAX WITHHELD	\$ -	\$ -	\$ 1,744.79
204-21320-0000-000 SOCIAL SECURITY TAX FICA	\$ -	\$ -	\$ 2,235.26
204-21325-0000-000 EMPLOYEE MEDICARE DEDUCTION	\$ -	\$ -	\$ 522.82
204-21330-0000-000 RETIREMENT CONTRIBUTIONS	\$ (4,517.69)	\$ -	\$ -
204-21342-0000-000 HEALTH INSURANCE	\$ (302.11)	\$ (301.19)	\$ (2,472.23)
204-21343-0000-000 AMERICAN GENERAL	\$ (35.82)	\$ (24.01)	\$ (12.20)
204-21344-0000-000 DENTAL INSURANCE	\$ 216.44	\$ 274.08	\$ 331.72
204-21345-0000-000 AFLAC	\$ (189.98)	\$ (175.14)	\$ (160.30)
204-21346-0000-000 OTHER PR DED/LIFE OF ALABAMA	\$ -	\$ -	\$ -
204-21347-0000-000 AMERICAN FIEDLITY	\$ 213.49	\$ 294.61	\$ 375.73
204-21348-0000-000 VISION	\$ (44.29)	\$ (27.87)	\$ (11.45)
204-21395-0000-000 ACCRUED LEAVE CURRENT	\$ (29,817.93)	\$ (29,817.93)	\$ (29,817.93)
204-21500-0000-000 DUE TO SOLID WASTE	\$ (28,516.02)	\$ (9,392.86)	\$ (9,656.29)
204-21530-0000-000 DUE TO STATE SALES TAX	\$ (15,562.07)	\$ (17,105.20)	\$ (14,600.39)
204-21900-0000-001 LEAK PROTECTION	\$ (9,774.16)	\$ 1,070.24	\$ 1,070.24
204-21900-0000-002 LINE PROTECTION	\$ (2,918.71)	\$ 125.29	\$ 115.29
204-21900-0000-003 LEAK PROTECTION SEWER	\$ (6,397.14)	\$ (3,117.39)	\$ (3,117.39)
204-21900-0000-004 LINE PROTECTION SEWER	\$ (84.50)	\$ -	\$ -
Short Term Liabilities	\$ (160,803.68)	\$ (203,777.19)	\$ (210,238.93)
204-21951-0000-000 CUSTOMER DEPOSIT	\$ (4,000.00)	\$ (4,000.00)	\$ (4,000.00)
204-27200-0000-002 REVENUE BONDS PAYABLE RD 48085-24	\$ (3,252,221.86)	\$ (3,246,596.45)	\$ (3,240,962.25)
204-27200-0000-003 REVENUE BONDS PAYABLE RD 48085-1000	\$ (1,713,901.69)	\$ (1,711,250.26)	\$ (1,708,593.85)
204-29980-0000-000 PENSION CHANGES IN EXPERIENCE	\$ (68,112.00)	\$ (68,112.00)	\$ (68,112.00)
204-29982-0000-000 CHANGES IN INVESTMENT EARNINGS	\$ (19,392.00)	\$ (19,392.00)	\$ (19,392.00)
Long Term Liabilities	\$ (5,057,627.55)	\$ (5,049,350.71)	\$ (5,041,060.10)
Total Liabilities	\$ (5,218,431.23)	\$ (5,253,127.90)	\$ (5,251,299.03)
Total Assets & Liabilities	\$ 19,686,574.44	\$ 19,702,788.49	\$ 19,736,956.96
204-39900-0000-000 FUND BALANCE	\$ (19,686,574.44)	\$ (19,686,574.44)	\$ (19,686,574.44)
Profit/Loss	\$ -	\$ 16,214.05	\$ 50,382.52

Year: 2022
 Period: August
 Period Begin: 8/1/2022
 Period End: 8/31/2022
 Budget Amounts: Original

Hartsville Trousdale Water and Sewer

Income Statement

Account	August Actual Balance	2022 YTD Actual Balance	YTD Budget Total	YTD Budget Remaining
INCOME				
204-43190-0000-001 OTHER GENERAL SERVICES CONNECTION FEE	\$ (1,800.00)	\$ (3,375.00)	\$ (14,845.00)	\$ (11,470.00)
204-43190-0000-002 OTHER GENERAL SERVICES SEWER SALES	\$ (76,590.50)	\$ (160,907.67)	\$ (1,001,815.58)	\$ (840,907.91)
204-43190-0000-003 OTHER GENERAL SERVICES CONNECTION FEES	\$ (2,175.00)	\$ (3,750.00)	\$ (14,226.00)	\$ (10,476.00)
Sewer/ connections	\$ (80,565.50)	\$ (168,032.67)	\$ (1,030,886.58)	\$ (862,853.91)
204-43191-0000-001 WATER SALES CITY	\$ (78,500.75)	\$ (164,746.60)	\$ (982,851.40)	\$ (818,104.80)
204-43191-0000-003 WATER SALES RURAL	\$ (115,386.79)	\$ (254,366.71)	\$ (1,414,347.14)	\$ (1,159,980.43)
Water Sales	\$ (193,887.54)	\$ (419,113.31)	\$ (2,397,198.54)	\$ (1,978,085.23)
204-43193-0000-001 TAP SALES CITY	\$ (5,157.00)	\$ (13,085.00)	\$ (83,820.66)	\$ (70,735.66)
204-43193-0000-002 TAP SALES SEWER	\$ (4,000.00)	\$ (17,000.00)	\$ (83,820.66)	\$ (66,820.66)
204-43193-0000-003 TAP SALES RURAL	\$ (17,727.00)	\$ (26,312.00)	\$ (83,820.66)	\$ (57,508.66)
Tap Sales	\$ (26,884.00)	\$ (56,397.00)	\$ (251,461.98)	\$ (195,064.98)
204-43194-0000-001 SERVICE CHARGES CITY	\$ (3,578.63)	\$ (8,522.46)	\$ (33,648.14)	\$ (25,125.68)
204-43194-0000-002 SERVICE CHARGES SEWER	\$ (500.24)	\$ (5,397.80)	\$ (139,078.97)	\$ (133,681.17)
204-43194-0000-003 SERVICE CHARGES RURAL	\$ (722.05)	\$ (1,647.75)	\$ (51,593.81)	\$ (49,946.06)
Service Charges	\$ (4,800.92)	\$ (15,568.01)	\$ (224,320.92)	\$ (208,752.91)
204-44110-0000-001 INVESTMENT INCOME CITY	\$ (8,187.61)	\$ (8,488.43)	\$ (40,523.38)	\$ (32,034.95)
Investment Income	\$ (8,187.61)	\$ (8,488.43)	\$ (40,523.38)	\$ (32,034.95)
204-44120-0000-001 LEASE/RENTALS CITY	\$ (1,200.00)	\$ (1,800.00)	\$ (7,800.00)	\$ (6,000.00)
Lease Rentals	\$ (1,200.00)	\$ (1,800.00)	\$ (7,800.00)	\$ (6,000.00)
204-44530-0000-001 SALE OF EQUIPMENT	\$ -	\$ -	\$ -	\$ -
Sale of Equipment	\$ -	\$ -	\$ -	\$ -
204-44560-0000-003 DAMAGES RECOVERED FROM INDIVIDUALS	\$ -	\$ -	\$ -	\$ -
204-44570-0000-001 CONTRIBUTIONS AND GIFTS	\$ -	\$ -	\$ -	\$ -
204-44570-0000-003 CONTRIBUTIONS AND GIFTS	\$ -	\$ -	\$ -	\$ -
204-44990-0000-001 OTHER REVENUE(BAD DEBT RECOVERY)	\$ (448.15)	\$ (944.74)	\$ -	\$ 944.74
204-47590-0000-001 OTHER FEDERAL THRU STATE	\$ -	\$ -	\$ -	\$ -
204-47901-0000-001 AMERICAN RESCUE PLAN FUNDING	\$ -	\$ -	\$ -	\$ -
204-48990-0000-001 OTHER INCOME/ SAFETY GRANT	\$ -	\$ -	\$ -	\$ -
Grants/Contributions	\$ (448.15)	\$ (944.74)	\$ -	\$ 944.74
Total Revenue	\$ (315,973.72)	\$ (670,344.16)	\$ (3,952,191.40)	\$ (3,281,847.24)
EXPENSES				
204-55900-0105-001 EMPLOYEE WAGES- SUPERVISOR	\$ 2,509.45	\$ 4,453.77	\$ 29,702.56	\$ 25,248.79
204-55900-0105-002 EMPLOYEE WAGES SUPERVISOR SEWER	\$ 2,509.45	\$ 4,453.77	\$ 29,702.54	\$ 25,248.77
204-55900-0105-003 EMPLOYEE WAGES SUPERVISOR RURAL	\$ 3,345.90	\$ 5,938.30	\$ 29,702.52	\$ 23,764.22
Supervisor	\$ 8,364.80	\$ 14,845.84	\$ 89,107.62	\$ 74,261.78
204-55900-0162-001 EMPLOYEE WAGES CLERICAL CITY	\$ 5,267.96	\$ 9,165.72	\$ 50,134.07	\$ 40,968.35
204-55900-0162-002 EMPLOYEE WAGES CLERICAL SEWER	\$ 5,143.18	\$ 9,131.75	\$ 53,476.35	\$ 44,344.60
204-55900-0162-003 EMPLOYEE WAGES CLERICAL RURAL	\$ 5,379.36	\$ 9,575.10	\$ 63,503.17	\$ 53,928.07
Clerical	\$ 15,790.50	\$ 27,872.57	\$ 167,113.59	\$ 139,241.02
204-55900-0187-001 EMPLOYEE WAGES OVERTIME CITY	\$ 3,881.43	\$ 6,620.43	\$ 43,111.70	\$ 36,491.27
204-55900-0187-003 EMPLOYEE WAGES OVERTIME RURAL	\$ 7,401.06	\$ 13,290.09	\$ 64,667.54	\$ 51,377.45
204-55900-0187-002 EMPLOYEE WAGES OVERTIME SEWER	\$ 169.70	\$ 550.93	\$ 7,492.67	\$ 6,941.74
Employee Wages	\$ 11,452.19	\$ 20,461.45	\$ 115,271.91	\$ 94,810.46
204-55900-0188-003 EMPLOYEE WAGES BONUS RURAL	\$ -	\$ -	\$ -	\$ -
204-55900-0188-001 EMPLOYEE WAGES BONUS CITY	\$ -	\$ -	\$ -	\$ -
204-55900-0188-002 EMPLOYEE WAGES BONUS SEWER	\$ -	\$ -	\$ -	\$ -
Employee Bonus	\$ -	\$ -	\$ -	\$ -
204-55900-0189-001 EMPLOYEE WAGES OTHER SALARY CITY	\$ 21,919.58	\$ 39,505.12	\$ 238,536.70	\$ 199,031.58
204-55900-0189-002 EMPLOYEE WAGES OTHER SALARY SEWER	\$ 14,432.20	\$ 25,448.35	\$ 170,182.01	\$ 144,733.66
204-55900-0189-003 EMPLOYEE WAGES OTHER SALARY RURAL	\$ 28,788.08	\$ 50,804.28	\$ 295,968.72	\$ 245,164.44
Employee Wages	\$ 65,139.86	\$ 115,757.75	\$ 704,687.43	\$ 588,929.68
204-55900-0191-001 BOARD MEMBERS SALARY	\$ 200.00	\$ 400.00	\$ 3,600.00	\$ 3,200.00
Board Members	\$ 200.00	\$ 400.00	\$ 3,600.00	\$ 3,200.00
204-55900-0196-001 IN SERVICE TRAINING CITY	\$ 541.66	\$ 826.66	\$ 2,500.00	\$ 1,673.34
204-55900-0196-002 IN-SERVICE TRAINING	\$ 541.66	\$ 541.66	\$ 2,500.00	\$ 1,958.34
204-55900-0196-003 IN SERVICE TRAINING RURAL	\$ 541.68	\$ 826.68	\$ 2,500.00	\$ 1,673.32
In service Training	\$ 1,625.00	\$ 2,195.00	\$ 7,500.00	\$ 5,305.00
204-55900-0201-001 EMPLOYEE BENEFIT SOCIAL SECURITY CITY	\$ 2,119.64	\$ 4,202.53	\$ 26,036.76	\$ 21,834.23
204-55900-0201-002 EMPLOYEE BENEFIT SOCIAL SECURITY SEWER	\$ 969.18	\$ 1,910.69	\$ 26,036.76	\$ 24,126.07
204-55900-0201-003 EMPLOYEE BENEFIT SOCIAL SECURITY RURAL	\$ 2,592.59	\$ 5,044.28	\$ 26,036.76	\$ 20,992.48
Social security	\$ 5,681.41	\$ 11,157.50	\$ 78,110.28	\$ 66,952.78

Account		August Actual Balance	2022 YTD Actual Balance	YTD Budget Total	YTD Budget Remaining
204-55900-0204-001	EMPLOYEE BENEFIT STATE RETIREMENT CITY	\$ 1,562.68	\$ 4,597.45	\$ 17,357.84	\$ 12,760.39
204-55900-0204-002	EMPLOYEE BENEFIT STATE RETIREMENT SEWER	\$ 686.93	\$ 2,016.06	\$ 17,357.84	\$ 15,341.78
204-55900-0204-003	EMPLOYEE BENEFIT STATE RETIREMENT RURAL	\$ 2,344.05	\$ 6,896.36	\$ 17,357.84	\$ 10,461.48
Retirement		\$ 4,593.66	\$ 13,509.87	\$ 52,073.52	\$ 38,563.65
204-55900-0207-001	EMPLOYEE BENEFIT MEDICAL CITY	\$ 3,674.40	\$ 6,737.76	\$ 36,504.00	\$ 29,766.24
204-55900-0207-002	EMPLOYEE BENEFIT MEDICAL SEWER	\$ 2,279.00	\$ 3,913.72	\$ 36,504.00	\$ 32,590.28
204-55900-0207-003	EMPLOYEE BENEFIT MEDICAL RURAL	\$ 5,511.60	\$ 10,106.56	\$ 36,504.00	\$ 26,397.44
Medical Insurance		\$ 11,465.00	\$ 20,758.04	\$ 109,512.00	\$ 88,753.96
204-55900-0301-001	ACCOUNTING SERVICES	\$ -	\$ -	\$ 4,171.75	\$ 4,171.75
Accounting		\$ -	\$ -	\$ 4,171.75	\$ 4,171.75
204-55900-0307-001	COMMUNCIATION CITY	\$ 518.16	\$ 1,043.84	\$ 9,041.62	\$ 7,997.78
204-55900-0307-002	COMMUNICATION SEWER	\$ 277.70	\$ 460.65	\$ 9,041.62	\$ 8,580.97
204-55900-0307-003	COMMUNICATION RURAL	\$ 1,021.19	\$ 3,799.66	\$ 9,041.62	\$ 5,241.96
Communication		\$ 1,817.05	\$ 5,304.15	\$ 27,124.86	\$ 21,820.71
204-55900-0317-001	DATA PROCESSING CITY	\$ 1,633.11	\$ 3,518.11	\$ 27,401.43	\$ 23,883.32
204-55900-0317-002	DATA PROCESSING SEWER	\$ 1,633.11	\$ 3,518.11	\$ 27,401.43	\$ 23,883.32
204-55900-0317-003	DATA PROCESSING RURAL	\$ 1,851.79	\$ 3,736.83	\$ 27,401.43	\$ 23,664.60
Data Processing		\$ 5,118.01	\$ 10,773.05	\$ 82,204.29	\$ 71,431.24
204-55900-0320-001	DUES AND MEMBERSHIPS CITY	\$ -	\$ -	\$ 1,554.95	\$ 1,554.95
204-55900-0320-002	DUES AND MEMBERSHIPS SEWER	\$ -	\$ -	\$ 1,554.95	\$ 1,554.95
204-55900-0320-003	DUES AND MEMBERSHIPS RURAL	\$ -	\$ -	\$ 1,554.95	\$ 1,554.95
Dues and Memberships		\$ -	\$ -	\$ 4,664.85	\$ 4,664.85
204-55900-0321-001	ENGINEERING SERVICES	\$ -	\$ -	\$ 2,666.67	\$ 2,666.67
204-55900-0321-002	ENGINEERING SERVICES	\$ -	\$ -	\$ 2,666.67	\$ 2,666.67
204-55900-0321-003	ENGINEERING SERVICES	\$ -	\$ -	\$ 2,666.67	\$ 2,666.67
Engineering Services		\$ -	\$ -	\$ 8,000.01	\$ 8,000.01
204-55900-0332-001	LEGAL NOTICES, RECORDINGS CITY	\$ -	\$ 378.33	\$ 334.22	\$ (44.11)
204-55900-0332-002	LEGAL NOTICES, RECORDINGS SEWER	\$ -	\$ 378.33	\$ 334.22	\$ (44.11)
204-55900-0332-003	LEGAL NOTICES, RECORDINGS RURAL	\$ 80.00	\$ 458.34	\$ 334.23	\$ (124.11)
Legal Notices		\$ 80.00	\$ 1,215.00	\$ 1,002.67	\$ (212.33)
204-55900-0335-001	MAINTENANCE REPAIRS BUILDING CITY	\$ -	\$ -	\$ 1,766.30	\$ 1,766.30
204-55900-0335-002	MAINTENANCE REPAIR BLD SEWER	\$ -	\$ -	\$ 1,766.30	\$ 1,766.30
204-55900-0335-003	MAINTENANCE REPAIR BUILDING RURL	\$ -	\$ -	\$ 1,766.30	\$ 1,766.30
Maintenance Buildings		\$ -	\$ -	\$ 5,298.90	\$ 5,298.90
204-55900-0336-001	MAINTENANCE REPAIR EQUIPMENT CITY	\$ 9,856.10	\$ 11,528.04	\$ 18,537.14	\$ 7,009.10
204-55900-0336-002	MAINTENANCE REPAIR EQUIPMENT SEWER	\$ 18,834.89	\$ 38,685.98	\$ 18,537.14	\$ (20,148.84)
204-55900-0336-003	MAINTENANCE REPAIR EQUIPMENT RURAL	\$ 16,620.36	\$ 19,128.44	\$ 18,537.14	\$ (591.30)
Maintenance equipment		\$ 45,311.35	\$ 69,342.46	\$ 55,611.42	\$ (13,731.04)
204-55900-0337-001	MAINTENANCE/ REPAIR OFFICE EQUIPMENT	\$ 664.40	\$ 664.40	\$ 221.68	\$ (442.72)
204-55900-0337-002	MAINTENACNE/REPAIRS OFFICE EQUIPMENT	\$ 664.40	\$ 664.40	\$ 221.68	\$ (442.72)
204-55900-0337-003	MAINTENACNE/REPAIRS OFFICE EQUIPMENT	\$ 664.41	\$ 664.41	\$ 221.68	\$ (442.73)
Maintenance Office Equipment		\$ 1,993.21	\$ 1,993.21	\$ 665.04	\$ (1,328.17)
204-55900-0338-001	MAINTENANCE REPAIR VEHICLES CITY	\$ 614.96	\$ 1,050.26	\$ 6,656.47	\$ 5,606.21
204-55900-0338-002	MAINTENANCE REPAIR VEHICLES SEWER	\$ -	\$ -	\$ 6,656.47	\$ 6,656.47
204-55900-0338-003	MAINTENANCE REPAIR VEHICLES RURAL	\$ 938.30	\$ 1,591.27	\$ 6,656.47	\$ 5,065.20
Maintenance Vehicles		\$ 1,553.26	\$ 2,641.53	\$ 19,969.41	\$ 17,327.88
204-55900-0348-001	POSTAL CHARGES CITY	\$ -	\$ -	\$ 359.67	\$ 359.67
204-55900-0348-002	POSTAL CHARGES SEWER	\$ -	\$ -	\$ 359.67	\$ 359.67
204-55900-0348-003	POSTAL CHARGES RURAL	\$ -	\$ -	\$ 359.67	\$ 359.67
Postal Charges		\$ -	\$ -	\$ 1,079.01	\$ 1,079.01
204-55900-0355-001	TRAVEL	\$ 122.50	\$ 122.50	\$ 833.33	\$ 710.83
204-55900-0355-002	TRAVEL	\$ -	\$ -	\$ 833.33	\$ 833.33
204-55900-0355-003	TRAVEL	\$ 122.50	\$ 122.50	\$ 833.33	\$ 710.83
Travel		\$ 245.00	\$ 245.00	\$ 2,499.99	\$ 2,254.99
204-55900-0359-002	DISPOSAL FEES	\$ 824.73	\$ 1,694.23	\$ 9,257.87	\$ 7,563.64
Disposal Fees		\$ 824.73	\$ 1,694.23	\$ 9,257.87	\$ 7,563.64
204-55900-0361-001	PERMITS CITY	\$ -	\$ -	\$ 3,927.68	\$ 3,927.68
204-55900-0361-002	PERMITS SEWER	\$ -	\$ -	\$ 3,927.68	\$ 3,927.68
204-55900-0361-003	PERMITS RURAL	\$ -	\$ -	\$ 3,927.68	\$ 3,927.68
Permits		\$ -	\$ -	\$ 11,783.04	\$ 11,783.04
204-55900-0399-001	OTHER CONTRACTED SERVICES CITY	\$ 178.92	\$ 676.65	\$ 8,957.30	\$ 8,280.65
204-55900-0399-002	OTHER CONTRACTED SERVICES SEWER	\$ 67.63	\$ 256.73	\$ 8,957.30	\$ 8,700.57
204-55900-0399-003	OTHER CONTRACTED SERVICES RURAL	\$ 441.41	\$ 2,656.98	\$ 8,957.30	\$ 6,300.32
Other Contracted services		\$ 687.96	\$ 3,590.36	\$ 26,871.90	\$ 23,281.54
204-55900-0415-001	ELECTRICITY CITY	\$ 6,293.27	\$ 10,708.73	\$ 95,150.97	\$ 84,442.24
204-55900-0415-002	ELECTRICITY SEWER	\$ 14,690.87	\$ 27,895.06	\$ 95,150.97	\$ 67,255.91
204-55900-0415-003	ELECTRICITY RURAL	\$ 11,739.68	\$ 24,159.51	\$ 95,150.97	\$ 70,991.46
Electricity		\$ 32,723.82	\$ 62,763.30	\$ 285,452.91	\$ 222,689.61

Account		August Actual Balance	2022 YTD Actual Balance	YTD Budget Total	YTD Budget Remaining
204-55900-0425-001	GASOLINE CITY	\$ 2,286.30	\$ 4,128.46	\$ 17,911.28	\$ 13,782.82
204-55900-0425-002	GASOLINE SEWER	\$ 517.12	\$ 954.37	\$ 17,911.28	\$ 16,956.91
204-55900-0425-003	GASOLINE RURAL	\$ 3,429.45	\$ 6,192.71	\$ 17,911.28	\$ 11,718.57
Gasoline		\$ 6,232.87	\$ 11,275.54	\$ 53,733.84	\$ 42,458.30
204-55900-0434-001	NATURAL GAS CITY	\$ -	\$ 394.54	\$ 2,063.54	\$ 1,669.00
204-55900-0434-002	NATURAL GAS SEWER	\$ -	\$ 1,001.17	\$ 2,063.54	\$ 1,062.37
204-55900-0434-003	NATURAL GAS RURAL	\$ -	\$ 591.83	\$ 2,063.54	\$ 1,471.71
Natural Gas		\$ -	\$ 1,987.54	\$ 6,190.62	\$ 4,203.08
204-55900-0435-001	OFFICE SUPPLIES CITY	\$ 139.96	\$ 243.40	\$ 2,070.94	\$ 1,827.54
204-55900-0435-002	OFFIC SUPPLIES SEWER	\$ 41.50	\$ 144.94	\$ 2,070.94	\$ 1,926.00
204-55900-0435-003	OFFICE SUPPLIES RURAL	\$ 112.08	\$ 341.44	\$ 2,070.94	\$ 1,729.50
Office Supplies		\$ 293.54	\$ 729.78	\$ 6,212.82	\$ 5,483.04
204-55900-0450-001	TIRES AND TUBES CITY	\$ 582.84	\$ 582.84	\$ 2,561.08	\$ 1,978.24
204-55900-0450-002	TIRES AND TUBES SEWER	\$ -	\$ -	\$ 2,561.08	\$ 2,561.08
204-55900-0450-003	TIRES AND TUBES RURAL	\$ 874.26	\$ 874.26	\$ 2,561.08	\$ 1,686.82
Tires and Tubes		\$ 1,457.10	\$ 1,457.10	\$ 7,683.24	\$ 6,226.14
204-55900-0463-001	TESTING (WATER SAMPLES, ETC) CITY	\$ 2,446.17	\$ 2,551.84	\$ 13,044.10	\$ 10,492.26
204-55900-0463-002	TESTING (WATER SAMPLES, ETC) SEWER	\$ 3,068.08	\$ 3,889.62	\$ 13,044.10	\$ 9,154.48
204-55900-0463-003	TESTING (WATER SAMPLES, ETC) RURAL	\$ 9,450.84	\$ 9,984.37	\$ 13,044.10	\$ 3,059.73
Testing		\$ 14,965.09	\$ 16,425.83	\$ 39,132.30	\$ 22,706.47
204-55900-0468-001	CHEMICALS CITY	\$ 3,451.93	\$ 12,809.69	\$ 58,573.55	\$ 45,763.86
204-55900-0468-002	CHEMICALS SEWER	\$ 217.81	\$ 1,987.21	\$ 58,573.55	\$ 56,586.34
204-55900-0468-003	CHEMICALS RURAL	\$ 8,177.83	\$ 22,217.52	\$ 58,573.55	\$ 36,356.03
Chemicals		\$ 11,847.57	\$ 37,014.42	\$ 175,720.65	\$ 138,706.23
204-55900-0499-001	OTHER SUPPLIES AND MATERIALS CITY	\$ 5,338.94	\$ 23,623.20	\$ 141,666.67	\$ 118,043.47
204-55900-0499-002	OTHER SUPPLIES AND MATERIALS SEWER	\$ 248.40	\$ 2,154.80	\$ 141,666.67	\$ 139,511.87
204-55900-0499-003	OTHER SUPPLIES AND MATERIALS RURAL	\$ 13,650.61	\$ 40,160.17	\$ 141,666.67	\$ 101,506.50
Other Supplies		\$ 19,237.95	\$ 65,938.17	\$ 425,000.01	\$ 359,061.84
204-55900-0506-001	LIABILITY INSURANCE CITY	\$ -	\$ 2,467.47	\$ 29,386.88	\$ 26,919.41
204-55900-0506-002	LIABILITY INSURANCE SEWER	\$ -	\$ 2,469.47	\$ 29,386.88	\$ 26,917.41
204-55900-0506-003	LIABILITY INSURANCE RURAL	\$ -	\$ 2,469.47	\$ 29,386.88	\$ 26,917.41
Liability Ins		\$ -	\$ 7,406.41	\$ 88,160.64	\$ 80,754.23
204-55900-0514-001	DEPRECIATION CITY	\$ -	\$ 23,000.00	\$ 326,926.76	\$ 303,926.76
204-55900-0514-002	DEPRECIATION SEWER	\$ -	\$ 23,000.00	\$ 326,926.76	\$ 303,926.76
204-55900-0514-003	DEPRECIATION RURAL	\$ -	\$ 23,000.00	\$ 326,926.76	\$ 303,926.76
Depreciation		\$ -	\$ 69,000.00	\$ 980,780.28	\$ 911,780.28
204-55900-0599-001	OTHER CHARGES CITY	\$ 1,839.75	\$ 2,119.70	\$ 25,000.00	\$ 22,880.30
204-55900-0599-002	OTHER CHARGES SEWER	\$ 201.44	\$ 486.15	\$ 25,000.00	\$ 24,513.85
204-55900-0599-003	OTHER CHARGES RURAL	\$ 2,781.74	\$ 3,024.14	\$ 25,000.00	\$ 21,975.86
Other Charges		\$ 4,822.93	\$ 5,629.99	\$ 75,000.00	\$ 69,370.01
204-55900-0603-001	INTEREST ON LOAN	\$ -	\$ -	\$ 46,372.00	\$ 46,372.00
204-55900-0603-002	INTEREST ON LOAN SEWER	\$ 8,281.39	\$ 16,576.55	\$ 46,372.00	\$ 29,795.45
204-55900-0603-003	INTEREST ON LOAN	\$ -	\$ -	\$ 46,372.00	\$ 46,372.00
Int on Loans		\$ 8,281.39	\$ 16,576.55	\$ 139,116.00	\$ 122,539.45
204-55900-0719-001	OFFICE EQUIPMENT	\$ -	\$ -	\$ 2,666.67	\$ 2,666.67
204-55900-0719-002	OFFICE EQUIPMENT	\$ -	\$ -	\$ 2,666.67	\$ 2,666.67
204-55900-0719-003	OFFICE EQUIPMENT	\$ -	\$ -	\$ 2,666.67	\$ 2,666.67
Office Equipment		\$ -	\$ -	\$ 8,000.01	\$ 8,000.01
204-58831-0188-001	AMERICAN RESCUE PLAN EXPENDITURES LABOR	\$ -	\$ -	\$ -	\$ -
204-58831-0201-001	AMERICAN RESCUE PLAN EXPENDITURES SS,TAX	\$ -	\$ -	\$ -	\$ -
204-58831-0212-001	AMERICAN RESCUE PLAN EXPENDITURES MEDIC	\$ -	\$ -	\$ -	\$ -
AMERICAN RESCUE PLAN		\$ -	\$ -	\$ -	\$ -
Total Expenses		\$ 281,805.25	\$ 619,961.64	\$ 3,877,364.68	\$ 3,257,403.04
Net Profit/Loss		\$ (34,168.47)	\$ (50,382.52)	\$ (74,826.72)	\$ (24,444.20)

Hartsville Trousedale County
Code Summary Report

Cycle(s)

All

Break Report Down

Print Totals
Only

Customer Type(s)

All

Break Down AddOns By Service Type

Service Type(s)

All

Use Reading Factor

Print Code Summary Report For

Historical Billing

Print Add On Usage

Include Inactive Services

Inactive Services To Include

Inactive
Services With
Arrears Shown
In Billing
8/1/2022 To
8/31/2022

Account Number Range

All

Filter By Reporting Groups

Transaction Date Range

Service	Rate	Number Active	Number Inactive	Charges	Arrears	Total	Usage
GA Garbage	099 Invalid Code	3	0	\$0.00	\$0.00	\$0.00	
	200 Garbage Residential	863	6	\$16,511.00	\$425.32	\$16,936.32	
	201 Business 1 Per Week	104	0	\$3,010.00	\$64.50	\$3,074.50	
	202 Business 2 Per Week	2	0	\$79.50	\$0.00	\$79.50	
	204 Business 4 Per Week	1	0	\$30.50	\$0.00	\$30.50	
	205 Business 5 Per Week	6	0	\$192.00	\$0.00	\$192.00	
			6	\$19,823.00	\$489.82	\$20,312.82	
SW Sewer	012 Rural	5	0	\$192.08	\$0.00	\$192.08	18,980
	021 City Inside City	1,103	7	\$38,152.90	\$1,393.80	\$39,546.70	4,994,853
	282 TTCC Rural	1	0	\$38,782.26	\$0.00	\$38,782.26	4,643,000
			7	\$77,127.24	\$1,393.80	\$78,521.04	9,656,833
SP Sprinklers	300 Sprinklers	1	0	\$1.00	\$0.00	\$1.00	
			0	\$1.00	\$0.00	\$1.00	
WT Water	011 City Rural Hartsvill	1	0	\$16.63	\$0.00	\$16.63	241
	012 Rural Hartsville	1,955	28	\$94,282.29	\$4,612.03	\$98,894.32	7,762,025
	013 Rural Macon Co	156	1	\$7,314.66	\$192.06	\$7,506.72	575,858
	014 Rural Smith Co	10	0	\$325.47	\$0.00	\$325.47	21,000
	015 Rural Sumner Co	5	0	\$139.70	\$0.00	\$139.70	5,352
	016 Rural Wilson Co	16	0	\$842.65	\$0.00	\$842.65	71,315
	021 City Hartsville	1,126	7	\$38,946.32	\$945.43	\$39,891.75	5,068,936
	202 Rural Dry Tap H Rura	4	0	\$36.00	\$0.00	\$36.00	0
	242 CastalianSpringsFlat	3	0	\$9,164.91	\$0.00	\$9,164.91	2,523,601
	252 Rural SouthSide UD	1	0	\$2,944.25	\$0.00	\$2,944.25	810,750
	264 CordellHull UD Smith	1	0	\$686.43	\$0.00	\$686.43	189,788
	272 Rural Lafayette	1	0	\$0.00	\$0.00	\$0.00	0
	282 Rural TTCC Hartsvill	1	0	\$38,782.24	\$0.00	\$38,782.24	4,643,000
	521 City Commercial Hart	4	0	\$969.63	\$0.00	\$969.63	173,141
	993 Rural Track Usage	2	0	\$0.00	\$0.00	\$0.00	322,314
			36	\$194,451.18	\$5,749.52	\$200,200.70	22,167,321
LK Leak Protec	001 Residential	2,764	34	\$8,844.80	\$232.66	\$9,077.46	
	002 Commercial	167	0	\$1,670.00	\$0.01	\$1,670.01	
	003 Commercial Multi	17	0	\$340.00	\$0.00	\$340.00	
	004 Opt Out	282	1	\$0.00	\$0.00	\$0.00	
			35	\$10,854.80	\$232.67	\$11,087.47	
LP Line Protect	001 Residential	589	6	\$2,955.00	\$64.27	\$3,019.27	
	002 Commercial	15	0	\$202.50	\$0.00	\$202.50	
			17	\$3,157.50	\$64.27	\$3,221.77	
SV Service Chg	016 Past Due After Hours	0	4	\$0.00	\$267.95	\$267.95	
	255 Past Due Rural	1	0	\$0.00	\$0.00	\$0.00	
			4	\$0.00	\$267.95	\$267.95	
SL Sewer Leak	001 Residential	886	7	\$2,082.10	\$61.85	\$2,143.95	
	002 Sewer Commercial	151	0	\$981.50	\$0.00	\$981.50	
	003 SewerCommercial Mult	16	0	\$208.00	\$0.00	\$208.00	
	004 Sewer Leak OPT OUT	43	0	\$0.00	\$0.00	\$0.00	
			7	\$3,271.60	\$61.85	\$3,333.45	
LS Sewer Line	001 Sewer Line Residenti	17	1	\$110.50	\$10.51	\$121.01	
	002 Sewer Line Commercia	1	0	\$13.50	\$0.00	\$13.50	
	004 Sewer Line Opt Out	189	0	\$0.00	\$0.00	\$0.00	
			1	\$124.00	\$10.51	\$134.51	
State Tax	11 Hartsville Rural	52	0	\$3,756.62	\$0.00	\$3,756.62	
	12 Hartsville City	2,936	19	\$11,567.02	\$0.00	\$11,567.02	
	13 Macon County	152	1	\$655.54	\$0.00	\$655.54	
	14 Smith County	10	0	\$30.08	\$0.00	\$30.08	
	15 Summer County	5	0	\$12.90	\$0.00	\$12.90	
	16 Wilson County	16	0	\$77.92	\$0.00	\$77.92	
			20	\$16,100.08	\$0.00	\$16,100.08	
	Total Taxes	20	20	\$16,100.08	\$0.00	\$16,100.08	
Penalty	01 Penalty - Water City	170	6	\$545.68	\$0.00	\$545.68	
	02 Penalty - Water Rural	220	14	\$1,219.84	\$0.00	\$1,219.84	
	03 Penalty - Sewer	155	6	\$500.24	\$0.00	\$500.24	
	04 Past Due Fee	64	0	\$2,880.00	\$0.00	\$2,880.00	
			26	\$5,145.76	\$0.00	\$5,145.76	
	Total Penalties	26	26	\$5,145.76	\$0.00	\$5,145.76	
Credit		170	15	\$0.00	(\$20,758.71)	(\$20,758.71)	
	Report Totals			\$330,056.16	(\$12,488.32)	\$317,567.84	31,824,154

WATER INFRASTRUCTURE SUMMARY

Name of Entity:	Metropolitan Government of Hartsville and Trousdale County		
Office Address:	328 Broadway, P.O. Box 66		
City:	Hartsville	State:	TN Zip Code: 37074
County:	Trousdale		
Primary Community Served:	Hartsville	Population:	10,231
ATPI:	100		
Utility Type:	Municipal		
Number of Water Connections:	3,236	Total Connections:	3,236
Number of Wastewater Connections:	1,095		
Number of Employees:	19 Full-time		2 Part-Time
	PWSID 0000291		NPDES 0030899

UTILITY CONTACT LIST

Name	Title	Phone	Email
Tommy McFarland	General Manager	6153748252	tommy.mcfarland@trousdalecountytn.gov

REPORTING REQUIREMENTS

Entity Fiscal Year:	June
Date of Last Audit:	January 21, 2022
Adverse Audit Findings:	No
Notes:	

REGIONALIZATION

Has the system considered any regional cooperative efforts?	Yes
Does the system have written or verbal agreements with neighboring utilities?	Yes

ASSET MANAGEMENT

Asset Mangement Plan	No
GIS Mapping	50-75%
Inventory and Condition Assessment	No
Planned O&M and Work Order System	Yes
Meter Testing & Changeouts	Yes
Capital Improvement Plan & Budget	No
IT Infrastructure	Yes

WATER LOSS

Unaccounted Water Loss	26%
Millions of Gallons/year	118.75
Production Cost/year	\$719,625.00
INFLOW and INFILTRATION	
Inflow and Infiltration	44%
Millions of Gallons/year	91.25
Treatment Cost/year	\$134,137.50

MODERNIZATION

Drinking Water Plant >80% Capacity	Yes	Wastewater Plant >80% Capacity	No
Age of Drinking Water Plant	50+ years	Age of Wastewater Treatment Plant	0-10 years
Percentage of lines older than 50 years	>50%	Percentage of lines older than 50 years	25-50%

COMPLIANCE

Drinking Water Violations	No	Meeting Wastewater Permit Requirements	Yes
State Mandated Compliance Order (Water)	No	State Mandated Compliance Order (WW)	No
Meeting Order Requirements (Water)	NA	Meeting Order Requirements (WW)	NA

STORMWATER

Stormwater Management Plan		N/A
System-Wide Map		N/A

ASSET MANAGEMENT		WATER LOSS	
Asset Mangement Plan	No	Unaccounted Water Loss	26%
GIS Mapping	50-75%	Millions of Gallons/year	118.75
Inventory and Condition Assessment	No	Production Cost/year	\$719,625.00
Planned O&M and Work Order System	Yes	INFLOW and INFILTRATION	
Meter Testing & Changeouts	Yes	Inflow and Infiltration	44%
Capital Improvement Plan & Budget	No	Millions of Gallons/year	91.25
IT Infrastructure	Yes	Treatment Cost/year	\$134,137.50
MODERNIZATION			
Drinking Water Plant >80% Capacity	Yes	Wastewater Plant >80% Capacity	No
Age of Drinking Water Plant	50+ years	Age of Wastewater Treatment Plant	0-10 years
Percentage of lines older than 50 years	>50%	Percentage of lines older than 50 years	25-50%
COMPLIANCE			
Drinking Water Violations	No	Meeting Wastewater Permit Requirements	Yes
State Mandated Compliance Order (Water)	No	State Mandated Compliance Order (WW)	No
Meeting Order Requirements (Water)	NA	Meeting Order Requirements (WW)	NA

BE IT ORDAINED BY THE HARTSVILLE/TROUSDALE COUNTY WATER UTILITY BOARD THAT:

Section 1. Ordinance _____ is hereby replaced by the following General Wastewater Regulations.

CHAPTER 1

GENERAL WASTEWATER REGULATIONS

SECTION

- 101. Purpose and policy.
- 102. Administrative
- 103. Definitions.
- 104. Proper waste disposal required.
- 105. Private domestic wastewater disposal.
- 106. Connection to public sewers.
- 107. Septic tank effluent pump or grinder pump wastewater systems.
- 108. Regulation of holding tank waste disposal or trucked in waste.
- 109. Discharge regulations.
- 110. Enforcement and abatement.

101. Purpose and policy. This chapter sets forth uniform requirements for users of the Hartsville/Trousdale County Water Utility Board wastewater treatment system and enables the utility to comply with the Federal Clean Water Act and the state Water Quality Control Act and rules adopted pursuant to these acts. The objectives of this chapter are:

- (1) To protect public health,
- (2) To prevent the introduction of pollutants into the municipal wastewater treatment facility, which will interfere with the system operation;
- (3) To prevent the introduction of pollutants into the wastewater treatment facility that will pass through the facility, inadequately treated, into the receiving waters, or otherwise, be incompatible with the treatment facility;
- (4) To protect facility personnel who may be affected by wastewater and sludge in the course of their employment and the general public;
- (5) To promote reuse and recycling of industrial wastewater and sludge from the facility;
- (6) To provide for fees for the equitable distribution of the cost of operation, maintenance, and improvement of the facility; and
- (7) To enable the utility to comply with its National Pollution Discharge Elimination System (NPDES) Permit conditions, sludge and biosolid use and disposal requirement, and any other Federal or State industrial pretreatment rules to which the facility is subject. In meeting these objectives, this chapter provides that all persons in the service area of the Hartsville/Trousdale County Water Utility Board

must have adequate wastewater treatment either in the form of a connection to the municipal wastewater treatment system or, where the system is not available, an appropriate private disposal system.

This chapter shall apply to all users inside or outside the district who are, by implied contract or written agreement with the utility, dischargers of applicable wastewater to the wastewater treatment facility. Chapter 2 provides for the issuance of permits to system users, for monitoring, compliance, and enforcement activities; establishes administrative review procedures for industrial users or other users whose discharge can interfere with or cause violations to occur at the wastewater treatment facility. Chapter 2 details permitting requirements including the setting of fees for the full and equitable distribution of costs resulting from the operation, maintenance, and capital recovery of the wastewater treatment system and from other activities required by the enforcement and administrative program established herein.

102. Administrative. Except as otherwise provided herein, the local administrative officer of Hartsville/Trousdale County shall administer, implement, and enforce the provisions of this chapter.

103. Definitions. Unless the context specifically indicates otherwise, the following terms and phrases, as used in this chapter, shall have the meanings hereinafter designated:

- (1) "Administrator." The Administrator or the United States Environmental Protection Agency.
- (2) "Act or the Act." The Federal Water Pollution Control Act, also known as the Clean Water Act, as amended and found in 33 U.S.C. § 1251, *et seq.*
- (3) "Approval authority." The Tennessee Department of Environment and Conservation, Division of Water Resources.
- (4) "Authorized" or "duly authorized" representative of industrial user:
 - (a) If the user is a corporation:
 - (i) The president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any person who performs similar policy or decision-making functions for the corporation; or
 - (ii) The manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions that govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiate and direct other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; can insure that the necessary systems are established or actions taken to gather complete and accurate information for individual wastewater discharge permit requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
 - (b) If the user is a partnership or sole proprietorship: a general partner or proprietor, respectively.

(c) If the user is a federal, state, or local governmental agency: a director or highest official appointed or designated to oversee the operation and performance of the activities of the governmental facility, or their designee.

(d) The individual described in subsections (a) through (c), above, may designate a duly authorized representative if the authorization is in writing; the authorization specifies the individual or position responsible for the overall operation of the facility from which the discharge originates or having overall responsibility for environmental matters for the company, and the written authorization is submitted to the town.

- (5) "Best Management Practices" or "BMPs" means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to implement the prohibitions listed in Section 109 of this chapter. BMPs also include treatment requirement, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw materials storage.
- (6) "Biochemical Oxygen Demand (BOD)." The quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure for five (5) days at 20 centigrade expressed in terms of weight and concentration (milligrams per liter (mg/l)).
- (7) "Building sewer." A sewer conveying wastewater from the premises of a user to the publicly owned sewer collection system.
- (8) "Categorical standards." The National Categorical Pretreatment Standards or Pretreatment Standard as found in 40 CFR Chapter I, Subchapter N, Parts 405-471.
- (9) "Commissioner." The commissioner of environment and conservation or the commissioner's duly authorized representative and, in the event of the commissioner's absence or a vacancy in the office of commissioner, the deputy commissioner.
- (10) "Compatible pollutant." Shall mean BOD, suspended solids, pH, fecal coliform bacteria, and such additional pollutants as are now or may in the future be specified and controlled in the utility's NPDES permit for its wastewater treatment works where sewer works have been designed and used to reduce or remove such pollutants.
- (11) "Composite sample." A sample composed of two or more discrete samples. The aggregate sample will reflect the average water quality covering the compositing or sample period.
- (12) "Control authority." The WWF with an approved pretreatment program, the municipality which has jurisdiction over the indirect discharges and the discharges from such a treatment works.
- (13) "Cooling water." The water discharge from any use such as air conditioning, cooling, or refrigeration, or to which the only pollutant added is heat.
- (14) "Customer." Any individual, partnership, corporation, association, or group who receives sewer service from the utility under either an express or implied contract requiring payment to the utility for such service.
- (15) "Daily Maximum." The arithmetic average of all effluent samples for a pollutant (except pH) collected during a calendar day. The daily maximum for pH is the

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- highest value tested during a 24-hour calendar day.
- (16) "Daily Maximum Limit." The maximum allowable discharge limit of a pollutant during a calendar day. Where the limit is expressed in units of mass, the limit is the maximum amount of total mass of the pollutant that can be discharged during the calendar day. Where the limit is expressed in concentration, it is the arithmetic average of all concentration measurements taken during the calendar day.
 - (17) "Direct discharge." The discharge of treated or untreated wastewater directly to the waters of the State of Tennessee.
 - (18) "Domestic wastewater." Wastewater that is generated by a single family, apartment or another dwelling unit or dwelling unit equivalent or commercial establishment containing sanitary facilities for the disposal of wastewater and used for residential or commercial purposes only.
 - (19) "Environmental Protection Agency, or EPA." The U. S. Environmental Protection Agency, or where appropriate, the term may also be used as a designation for the administrator or other duly authorized official of the said agency.
 - (20) "Garbage." Solid wastes generated from any domestic, commercial or industrial source.
 - (21) "Grab sample." A sample which is taken from a waste stream on a one-time basis with no regard to the flow in the waste stream and is collected over a period of time not to exceed fifteen (15) minutes. Grab sampling procedure: Where composite sampling is not an appropriate sampling technique, a grab sample(s) shall be taken to obtain influent and effluent operational data. Collection of influent grab samples should precede collection of effluent samples by approximately one detention period. The detention period is to be based on a 24 hour average daily flow value. The average daily flow used will be based upon the average of the daily flows during the same month of the previous year. Grab samples will be required, for example, where the parameters being evaluated are those, such as cyanide and phenol, which may not be held for any extended period because of biological, chemical or physical interactions which take place after sample collection and affect the results.
 - (22) "Grease interceptor." An interceptor whose rated flow is 50 gpm. (gallons per minute) or less and is generally located inside the building.
 - (23) "Grease trap." An interceptor whose rated flow is 50 gpm. or more and is located outside the building.
 - (24) "Holding tank waste." Any waste from holding tanks such as vessels, chemical toilets, campers, trailers, septic tanks, and vacuum-pump tank trucks.
 - (25) "Incompatible pollutant." Any pollutant which is not a "compatible pollutant" as defined in this section.
 - (26) "Indirect discharge." The introduction of pollutants into the WWF from any non domestic source.
 - (27) "Industrial user." A source of indirect discharge which does not constitute a "discharge of pollutants" under regulations issued pursuant to Section 402, of the Act (33 U.S.C. §1342).
 - (28) "Industrial wastes." Any liquid, solid, or gaseous substance, or combination thereof, or form of energy including heat, resulting from any process of industry,

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- manufacture, trade, food processing or preparation, or business or from the development of any natural resource.
- (29) "Instantaneous limit." The maximum concentration of a pollutant allowed to be discharged at any time, determined from the analysis of any discrete or composited sample collected, independent of the industrial flow rate and the duration of the sampling event.
- (30) "Interceptor." A device designed and installed to separate and retain for removal, by automatic or manual means, deleterious, hazardous or undesirable matter from normal wastes, while permitting normal sewage or waste to discharge into the drainage system by gravity.
- (31) "Interference." A discharge that, alone or in conjunction with a discharge or discharges from other sources, inhibits or disrupts the WWF, its treatment processes or operations, or its sludge processes, use or disposal, or exceeds the design capacity of the treatment works or collection system.
- (32) "Local administrative officer." The County Mayor of Hartsville/Trousdale County.
- (33) "Local hearing authority." **The Hartsville/Trousdale County Water Utility Board** or such person or persons appointed by said Board to administer and enforce the provisions of this chapter and conduct hearings pursuant to Section 205.
- (34) "National categorical pretreatment standard." Any regulation containing pollutant discharge limits promulgated by the EPA in accordance with Section 307(b) and (c) of the Act (33 U.S.C. § 1347) which applies to a specific category of industrial users.
- (35) "NAICS, North American Industrial Classification System." A system of industrial classification jointly agreed upon by Canada, Mexico and the United States. It replaces the Standard Industrial Classification (SIC) System.
- (36) "New source."
(a) Any building, structure, facility or installation from which there is or may be a discharge of pollutants, the construction of which commenced after the publication of proposed Pretreatment Standards under section 307(c) of the Clean Water Act which will be applicable to such source if such Standards are thereafter promulgated in accordance with that section, provided that:
(i) The building structure, facility or installation is constructed at a site at which no other source is located; or
(ii) The building, structure, facility or installation totally replaces the process or production equipment that causes the discharge of pollutants at an existing source; or
(iii) The production or wastewater generating processes of the building, structure, facility or installation are substantially independent of an existing source at the same site. In determining whether these are substantially independent, factors such as the extent to which the new facility is engaged in the same general type of activity as the existing source should be considered.
(b) Construction on a site at which an existing source is located results in a modification rather than a new source if the construction does not create a

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new building, structure, facility, or installation meeting the criteria of parts (a)(ii) or (a)(iii) of this definition but otherwise alters, replaces, or adds to existing process or production equipment.

- (c) Construction of a new source as defined under this paragraph has commenced if the owner or operator has:
 - (i) Begun, or caused to begin as part of a continuous onsite construction program:
 - (A) Any placement, assembly, or installation of facilities or equipment; or
 - (B) Significant site preparation work including cleaning, excavation or removal of existing buildings, structures, or facilities which is necessary for the placement, assembly, or installation of new source facilities or equipment; or
 - (ii) Entered into a binding contractual obligation for the purchase of facilities or equipment which are intended to be used in its operation within a reasonable time. Options to purchase or contracts which can be terminated or modified without substantial loss, and contracts for feasibility, engineering, and design studies do not constitute a contractual obligation under this paragraph
- (37) "NPDES (National Pollution Discharge Elimination System)." The program for issuing, conditioning, and denying permits for the discharge of pollutants from point sources into navigable waters, the contiguous zone, and the oceans pursuant to Section 402 of the Clean Water Act as amended.
- (38) "Pass-through." A discharge which exits the Wastewater Facility (WWF) into waters of the State in quantities or concentrations which, alone or in conjunction with a discharge or discharges from other sources, is a cause of a violation of any requirement of the WWF's NPDES permit including an increase in the magnitude or duration of a violation.
- (39) "Person." Any individual, partnership, co-partnership, firm, company, corporation, association, joint stock company, trust, estate, governmental entity or any other legal entity, or their legal representatives, agents, or assigns. The masculine gender shall include the feminine and the singular shall include the plural where indicated by the context.
- (40) "pH." The logarithm (base 10) of the reciprocal of the concentration of hydrogen ions expressed in grams per liter of solution.
- (41) "Pollution." The man-made or man-induced alteration of the chemical, physical, biological, and radiological integrity of water.
- (42) "Pollutant." Any dredged spoil, solid waste, incinerator residue, filter backwash, sewage, garbage, sewage sludge, munitions, medical waste, chemical wastes, biological materials, radioactive materials, heat, wrecked or discharged equipment, rock, sand, cellar dirt, and industrial, municipal, and agricultural waste and certain characteristics of wastewater (e.g., pH, temperature, turbidity, color, BOD, COD, toxicity, or odor discharge into water).
- (43) "Pretreatment or treatment." The reduction of the number of pollutants, the elimination of pollutants, or the alteration of the nature of pollutant properties in

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wastewater to a less harmful state prior to or in lieu of discharging or otherwise introducing such pollutants into a WWF. The reduction or alteration can be obtained by physical, chemical, biological processes, or process changes or other means, except through dilution (see Section 109(4)) as prohibited by 40 CFR Section 403.6(d).

- (44) "Pretreatment coordinator." The person designated by the local administrative officer or his authorized representative to supervise the operation of the pretreatment program.
- (45) "Pretreatment requirements." Any substantive or procedural requirement related to pretreatment other than a national pretreatment standard imposed on an industrial user.
- (46) "Pretreatment standards or standards." A prohibited discharge standard, categorical pretreatment standard and local limit.
- (47) "Shall" is mandatory; "May" is permissive.
- (48) "Significant industrial user." The term significant industrial user means:
 - (a) All industrial users subject to categorical pretreatment standards under 40 CFR 403.6 and 40 CFR chapter I, subchapter N; or
 - (b) Any other industrial user that: discharges an average of 25,000 gallons per day or more of process wastewater to the WWF (excluding sanitary, non contact cooling and boiler blow down wastewater); contributes a process waste stream which makes up 5 percent or more of the average dry weather hydraulic or organic capacity of the WWF or is designated as such by the control authority on the basis that the industrial user has a reasonable potential for adversely affecting the WWF's operation or for violating any pretreatment standard or requirement.
- (49) "Significant noncompliance." Per 0400-40-14-.08(6)(b)8.
 - (a) Chronic violations of wastewater discharge limits, defined here as those in which sixty-six percent or more of all the measurements taken for each parameter taken during a six-month period exceed (by any magnitude) a numeric pretreatment standard or requirement, including instantaneous limit.
 - (b) Technical Review Criteria (TRC) violations, defined here as those in which thirty-three percent or more of all of the measurements for each pollutant parameter taken during a six-month period equal or exceed the product of the numeric pretreatment standard or requirement, including instantaneous limits multiplied by the applicable TRC (TRC=1.4 for BOD, TSS, fats, oils and grease, and 1.2 for all other pollutants except pH). TRC calculations for pH are not required.
 - (c) Any other violation of a pretreatment standard or requirement (daily maximum or longer-term average, instantaneous limit, or narrative standard) that the WWF determines has caused, alone or in combination with other discharges, interference or pass through (including endangering the health of WWF personnel or the general public).
 - (d) Any discharge of a pollutant that has caused imminent endangerment to human health, welfare or to the environment or has resulted in the WWF's

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- exercise of its emergency authority under Section 205(1)(b)(i)(D),
Emergency Order, to halt or prevent such a discharge.
- (e) Failure to meet, within 90 days after the schedule date, a compliance schedule milestone contained in a local control mechanism or enforcement order for starting construction, completing construction, or attaining final compliance.
 - (f) Failure to provide, within 45 days after their due date, required reports such as baseline monitoring reports, 90-day compliance reports, periodic self monitoring reports, and reports on compliance with compliance schedules.
 - (g) Failure to accurately report noncompliance.
 - (h) Any other violation or group of violations, which may include a violation of Best Management Practices, which the WWF determines will adversely affect the operation or implementation of the local pretreatment program.
 - (i) Continuously monitored pH violations that exceed limits for a time period greater than 50 minutes or exceed limits by more than 0.5 s.u. more than eight times in four hours.
- (50) "Slug. " Any discharge of a non-routine, episodic nature, including but not limited to an accidental spill or a non-customary batch discharge, which has a reasonable potential to cause interference or pass-through, or in any other way violate the WWF's regulations, local limits, or Permit conditions.
- (51) "Standard industrial classification (SIC)." A classification pursuant to the Standard Industrial Classification Manual issued by the Executive Office of the President, Office of Management and Budget, 1972.
- (52) "State." The State of Tennessee.
- (53) "Storm sewer or storm drain." A pipe or conduit which carries storm and surface waters and drainage but excludes sewage and industrial wastes. It may, however, carry cooling waters and unpolluted waters, upon approval of the Pretreatment Coordinator.
- (54) "Storm water." Any flow occurring during or following any form of natural precipitation and resulting there from.
- (55) Reserved
- (56) "Suspended solids." The total suspended matter that floats on the surface of, or is suspended in, water, wastewater, or other liquids and that is removable by laboratory filtering.
- (57) "Toxic pollutant." Any pollutant or combination of pollutants listed as toxic in regulations published by the Administrator of the Environmental Protection Agency under the provision of CWA 307(a) or other Acts.
- (58) "Twenty-four (24) hour flow proportional composite sample." A sample consisting of several sample portions collected during a 24-hour period in which the portions of a sample are proportioned to the flow and combined to form a representative sample.
- (59) "Utility." **Hartsville/Trousdale County Water Utility Board.**
- (60) "User." The owner, tenant or occupant of any lot or parcel of land connected to a sanitary sewer, or for which a sanitary sewer line is available if a municipality levy

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a sewer charge on the basis of such availability, Tennessee Code Annotated, § 68 221-201.

- (61) "Wastewater." The liquid and water-carried industrial or domestic wastes from dwellings, commercial buildings, industrial facilities, and institutions, whether treated or untreated, which is contributed into or permitted to enter the WWF.
- (62) "Wastewater Facility" Any or all of the following: the collection/transmission system, treatment plant, and the reuse or disposal system, which is owned by any person. This definition includes any devices and systems used in the storage, treatment, recycling and reclamation of municipal sewage or industrial waste of a liquid nature. It also includes sewers, pipes and other conveyances only if they convey wastewater to a WWF treatment plant. The term also means the municipality as defined in section 502(4) of the Federal Clean Water Act, which has jurisdiction over the indirect discharges to and the discharges from such a treatment works.
- (63) "Waters of the state." All streams, lakes, ponds, marshes, watercourses, waterways, wells, springs, reservoirs, aquifers, irrigation systems, drainage systems, and other bodies of accumulation of water, surface or underground, natural or artificial, public or private, that are contained within, flow through, or border upon the state or any portion thereof.
- (64) "0400-40-14." Chapter 0400-40-14 of the Rules and Regulations of the State of Tennessee, Pretreatment Requirements.

104. Proper waste disposal required.

- (1) It shall be unlawful for any person to place, deposit, or permit to be deposited in any unsanitary manner upon public or private property within the Hartsville/Trousdale County Government, or in any area under the jurisdiction of the utility, any human or animal excrement, garbage, or other objectionable waste.
- (2) It shall be unlawful to discharge to any natural outlet within the County Government, or in any area under the jurisdiction of the utility, any sanitary sewer, industrial wastes, or other polluted waters, except where suitable treatment has been provided in accordance with these regulations.
- (3) Except as hereinafter provided, it shall be unlawful to construct or maintain any privy, privy vault, septic tank, cesspool, or other facility intended or used for the disposal of sewage.
- (4) Use of public sewers required. Except as hereinafter provided, the owner of all houses, buildings, or properties used for human occupancy, employment, recreation, or other purposes, situated within the Hartsville/Trousdale County Government and abutting on any street, alley, right-of-way or easement in which there is now located or may in the future be located a public sanitary sewer shall connect to the public sanitary sewer system. The connection to the public sanitary

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sewer system shall be required at the property owner's expense including all applicable connection and tap fees.

- (5) Use of the public sanitary sewer system is not required when the only public sewer line which abuts the house, building, or property used for human occupancy, employment, recreation, or other purposes is a pressurized force main. In that event, the building sewer may be connected to a private sewage disposal system, subject to the requirements and conditions of subsections (8)(b) and (c) below.
- (6) A property or building that is used for agriculture purposes and not for human occupancy, such as a pasture or barn, does not have to be connected to the public sanitary sewer system, even if such property or building has its own water service.
- (7) The owner of a manufacturing facility may discharge wastewater to the waters of the state provided that he obtains an NPDES permit and meets all requirements of the Federal Clean Water Act, the NPDES permit, and any other applicable local, state, or federal statutes and regulations.
- (8) Use of septic system where public sewers are provided. If public sewer is available to properties having functioning septic systems, property owners may elect not to connect to the public sanitary sewer system provided all of the following requirements and conditions are met:
 - (a) A sanitary sewer service charge, based upon water usage, shall be assessed from the date the public sanitary sewer is available. Payment is due monthly. At such time it is determined to connect to the public sanitary sewer system, payment of the sanitary sewer service charge shall not relieve the property owner from the requirements of payment of all connection and tap fees as applicable prior to obtaining the permit and authorization to commence work.
 - (b) Septic system certification. To ensure existing septic systems in the **urban services** are functioning properly, property owners with active systems shall have their septic tank(s) pumped and inspected. The pumping and inspection shall be conducted by a septic hauling company licensed by the State of Tennessee and certified by the Hartsville/Trousdale County Government to perform these services. The initial pumping and inspection shall be conducted upon receipt of a notification letter from the Hartsville/Trousdale County Government and at five-year intervals thereafter. The cost of pumping the septic system tank shall be the responsibility of the property owner.

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- (c) Upon pumping and inspection of the septic system tank(s), if it is determined a septic system is functioning properly according to Tennessee Code Annotated § 68-221-401, *et seq.*, the property may defer connection to the public sanitary sewer system for an additional five years. If at any time a septic system is determined to be malfunctioning, the certification shall be revoked, and the property owner shall be required to connect at the owner's expense to public sanitary sewer within 30 days.

105. Private domestic wastewater disposal.

(1) Availability.

(a) Where a public sanitary sewer is not available or connection to a public sanitary sewer is not required under the provisions of Section 104, the building sewer shall be connected to a private wastewater disposal system complying with the provisions of the applicable local and state regulations.

(b) The owner shall operate and maintain the private sewage disposal facilities in a sanitary manner always, at no expense to the utility. When it becomes necessary to clean septic tanks, the sludge may be disposed of only according to applicable federal and state regulations.

(2) Requirements.

(a) The type, capacity, location, and layout of a private sewerage disposal system shall comply with all local or state regulations. Before commencement of construction of a private sewerage disposal system, the owner shall first obtain a written approval from the County Health Department. The application for such approval shall be made on a form furnished by the County Health Department the applicant shall supplement with any plans or specifications that the Department has requested.

(b) Approval for a private sewerage disposal system shall not become effective until the installation is completed to the satisfaction of the local and state authorities, who shall be allowed to inspect the work at any stage of construction.

(c) The type, capacity, location, and layout of a private sewage disposal system shall comply with all recommendations of the Tennessee Department of Environment and Conservation, and the County Health Department. No septic tank or cesspool shall be permitted to discharge to waters of Tennessee.

(d) No statement contained in this chapter shall be construed to interfere with any additional or future requirements that may be imposed by the utility and the county health department.

106. Connection to public sewers.

(1) Application for Service.

(a) There shall be two (2) classifications of service; (1) residential and (2) service to commercial, industrial, and other nonresidential establishments. In either case, the owner or his agent shall make application for connection on a special form furnished by the Utility. Applicants for service to commercial and industrial establishments shall be required to furnish information about all waste producing

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activities, wastewater characteristics and constituents. The application shall be supplemented by any plans, specifications or other information considered pertinent in the judgment of the Pretreatment Coordinator. Details regarding commercial and industrial permits include but are not limited to those required by these regulations. Service Connection Fees for establishing new sewer service are paid to the utility. Industrial User Discharge Permit Fees may also apply. The receipt by the utility of a prospective customer's application for connection shall not obligate the utility to render the connection. If the service applied for cannot be supplied in accordance with this chapter and the utility's rules and regulations and general practice, or state and federal requirement, the connection charge will be refunded in full, and there shall be no liability of the utility to the applicant for such service.

(b) Users shall notify the utility of any proposed new introduction of wastewater constituents or any proposed change in the volume or character of the wastewater being discharged to the system a minimum of sixty (60) days prior to the change. The utility may deny or limit this new introduction or change based upon the information submitted in the notification.

- (2) Prohibited connections. No person shall make connections of roof downspouts, sump pumps, basement wall seepage or floor seepage, exterior foundation drains, area way drains, or other sources of surface runoff or groundwater to a building sewer or building drain which in turn is connected directly or indirectly to a public sanitary sewer. Any such connections which already exist on the effective date of these regulations shall be completely and permanently disconnected within sixty (60) days of the effective day of these regulations. The owners of any building sewer having such connections, leaks or defects shall bear all the costs incidental to removal of such sources. Pipes, sumps, and pumps for such sources of ground water shall be separate from the sanitary sewer.

- (3) Physical connection to public sewer.

(a) No person shall uncover, make any connections with or opening into, use, alter, or disturb any public sewer or appurtenance thereof. The utility shall make all connections to the public sewer upon the property owner first submitting a connection application to the utility.

The connection application shall be supplemented by any plans, specifications or other information considered pertinent in the judgment of the Pretreatment Coordinator. A service connection fee shall be paid to the utility at the time the application is filed.

The applicant is responsible for excavation and installation of the building sewer which is located on private property. The utility will inspect the installation prior to backfilling and make the connection to the public sewer.

(b) All costs and expenses incident to the installation, connection, and inspection of the building sewer shall be borne by the owner including all service and connection fees. The owner shall indemnify the utility from any loss or damage that may directly or indirectly be occasioned by the installation of the building sewer.

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(c) A separate and independent building sewer shall be provided for every building; except where one building stands at the rear of another on an interior lot and no private sewer is available or can be constructed to the rear building through an adjoining alley, courtyard, or driveway, the building sewer from the front building may be extended to the rear building and the whole considered as one building sewer. Where property subdivided, and buildings use a common building sewer is now located on separate properties, the building sewers must be separated within 60 days.

(d) Old building sewers may be used in connection with new buildings only when they are found, on examination and tested by the Pretreatment Coordinator to meet all requirements of this chapter. All others may be sealed to the specifications of the Pretreatment Coordinator.

(e) Building sewers shall conform to the following requirements:

(i) The minimum size of a building sewer shall be as follows:

Conventional sewer system - Four inches (4").

(ii) The minimum depth of a building sewer shall be eighteen inches (18") when possible.

(iii) Building sewers shall be laid on the following grades: Four-inch (4") sewers - 1/8 inch per foot. Larger building sewers shall be laid on a grade that will produce a velocity when flowing full of at least 2.0 feet per second.

(iv) Building sewers shall be installed in uniform alignment at uniform slopes.

(v) Building sewers shall be constructed only of polyvinyl chloride pipe Schedule 40 or better. Joints shall be solvent welded, or compression gaskets designed for the type of pipe used. No other joints shall be acceptable.

(vi) Cleanouts shall be provided to allow cleaning in the direction of flow. A cleanout shall be located five (5) feet outside of the building, as it crosses the property line and one at each change of direction of the building sewer which is greater than 45 degrees. Additional cleanouts shall be placed not more than seventy-five (75) feet apart in horizontal building sewers of six (6) inch nominal diameter and not more than one hundred (100) feet apart for larger pipes. Cleanouts shall be extended to or above the finished grade level directly above the place where the cleanout is installed and protected from damage. A 4" double cleanout shall be used for the cleanout base. Cleanouts shall not be smaller than four (4) inches. Blockages on the property owner's side of the property line cleanout are the responsibility of the property owner.

(vii) Connections of building sewers to the public sewer system shall be made only by the utility and shall be made at the appropriate existing wyes or tee branch using compression type couplings or collar type rubber joint with stainless steel bands. Where existing wye or tee branches are not available, connections of building services shall be made by either removing a length of pipe and replacing it with a wye or tee fitting using

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flexible neoprene adapters with stainless steel bands of a type approved by the Pretreatment Coordinator. Bedding must support pipe to prevent damage or sagging. All such connections shall be made gastight and watertight.

(viii) In all buildings in which any building drain is too low to permit gravity flow to the public sewer, sanitary sewage carried by such building drain shall be lifted by an approved pump system according to Section 107 and discharged to the building sewer at the expense of the owner.

(ix) The methods to be used in excavating, placing of pipe, jointing, testing, backfilling the trench, or other activities in the construction of a building sewer which have not been described above shall conform to the requirements of the building and plumbing code or other applicable rules and regulations of the utility or to the procedures set forth in appropriate specifications by the ASTM. Any deviation from the prescribed procedures and materials must be approved by the Pretreatment Coordinator before installation.

(x) An installed building sewer shall be gastight and watertight.

(f) All excavations for building sewer installation shall be adequately guarded with barricades and lights so as to protect the public from hazard. Streets, sidewalks, parkways, and other public property disturbed in the course of the work shall be restored in a manner satisfactory to the utility.

(g) No person shall make connection of roof downspouts, exterior foundation drains, areaway drains, basement drains, sump pumps, or other sources of surface runoff or groundwater to a building directly or indirectly to a public sanitary sewer.

(h) Inspection of connections.

(i) The sewer connection and all building sewers from the building to the public sewer main line shall be inspected before the underground portion is covered, by the Pretreatment Coordinator or his authorized representative.

(ii) The applicant for discharge shall notify the Pretreatment Coordinator when the building sewer is ready for inspection and connection to the public sewer. The connection shall be made under the supervision of the Pretreatment Coordinator or his representative.

(4) Maintenance of building sewers. Each individual property owner shall be entirely responsible for the construction, maintenance, repair, or replacement of the building sewer as deemed necessary by the Pretreatment Coordinator to meet specifications of the utility. Owners failing to maintain or repair building sewers or who allow storm water or ground water to enter the sanitary sewer may face enforcement action by the Pretreatment Coordinator up to and including discontinuation of water and sewer service.

(5) Sewer extensions. All expansion or extension of the public sewer constructed by property owners or developers must follow policies and procedures developed by the utility. In the absence of policies and procedures the expansion or extension of the public sewer must be approved in writing by the Pretreatment Coordinator

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or manager of the wastewater collection system. All plans and construction must follow the latest edition of Tennessee Design Criteria for Sewerage Works, located at <http://www.tn.gov/environment/article/wr-wq-water-quality-reports-publications/>. Contractors must provide the Pretreatment Coordinator or manager with as-built drawing and documentation that all mandrel, pressure and vacuum tests as specified in design criteria were acceptable prior to use of the lines. Contractor's one-year warranty period begins with occupancy or first permanent use of the lines. Contractors are responsible for all maintenance and repairs during the warranty period and final inspections as specified by the Pretreatment Coordinator or manager. The Pretreatment Coordinator or manager must give written approval to the contractor to acknowledge transfer of ownership to the utility. Failure to construct or repair lines to acceptable standards could result in denial or discontinuation of sewer service.

107. Septic tank effluent pump or grinder pump wastewater systems.

When connection of building sewers to the public sewer by gravity flow lines is impossible due to elevation differences or other encumbrances, Septic Tank Effluent Pump (STEP) or Grinder Pump (GP) systems may be installed subject to the regulations of the utility.

- (1) Equipment requirements.
 - (a) Septic tanks shall be of watertight construction and must be approved by the utility.
 - (b) Pumps must be approved by the utility.
- (2) Installation requirements. Location of tanks, pumps, and effluent lines shall be subject to the approval of the utility. Installation shall follow design criteria for STEP and GP systems as provided by the Pretreatment Coordinator.
- (3) Costs. STEP and GP equipment for new construction shall be purchased and installed at the developer's, homeowners, or business owner's expense according to the specification of the utility and connection will be made to the utility sewer only after inspection and approval of the utility.
- (4) Use of STEP and GP systems.
 - (a) Home or business owners shall follow the STEP and GP users guide provided by the Pretreatment Coordinator.
 - (b) Home or business owners shall provide an electrical connection that meets specifications and shall provide electrical power.
 - (c) Home or business owners shall be responsible for maintenance of drain lines from the building to the STEP and GP tank and to the main sewer line.
 - (d) Prohibited uses of the STEP and GP system.
 - (i) Connection of roof guttering, sump pumps or surface drains.
 - (ii) Disposal of toxic household substances.
 - (iii) Use of garbage grinders or disposers.
 - (iv) Discharge of pet hair, lint, or home vacuum water.
 - (v) Discharge of fats, grease, and oil.

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108. Regulation of holding tank waste disposal or trucked in waste.

- (1) No person, firm, association or corporation shall haul in or truck into the WWF any type of domestic, commercial or industrial waste unless such person, firm, association, or corporation obtains a written approval from the utility to perform such acts or services.
Any person, firm, association, or corporation desiring a permit to perform such services shall file an application on the prescribed form. Upon any such application, said permit shall be issued by the Pretreatment Coordinator when the conditions of this chapter have been met and providing the Pretreatment Coordinator is satisfied the applicant has adequate and proper equipment to perform the services contemplated in a safe and competent manner.
- (2) Fees. For each permit issued under the provisions of this chapter the applicant shall agree in writing by the provisions of this section and pay a per dump charge to the utility to be set as specified in Section 207 of these regulations.
- (3) Designated disposal locations. The Pretreatment Coordinator shall designate approved locations for the emptying and cleansing of all equipment used in the performance of the services rendered under the permit herein provided for, and it shall be a violation hereof for any person, firm, association, or corporation to empty or clean such equipment at any place other than a place so designated. The Pretreatment Coordinator may refuse to accept any truckload of waste at his discretion where it appears that the waste could interfere with the operation of the WWF.
- (4) Revocation of permit. Failure to comply with all the provisions of the permit or this chapter shall be sufficient cause for the revocation of such permit by the Pretreatment Coordinator. The possession within the service area by any person of any motor vehicle equipped with a body type and accessories of a nature and design capable of serving a septic tank of wastewater or excreta disposal system cleaning unit shall be prima facie evidence that such person is engaged in the business of cleaning, draining, or flushing septic tanks or other wastewater or excreta disposal systems within the service area of the utility.

109. Discharge regulations.

- (1) General discharge prohibitions. No user shall contribute or cause to be contributed, directly or indirectly, any pollutant or wastewater which will pass through or interfere with the operation and performance of the WWF. These general prohibitions apply to all such users of a WWF whether the user is subject to national categorical pretreatment standards or any other national, state, or local pretreatment standards or requirements. Users must comply with the categorical Pretreatment Standards found at 40 CFR Chapter I, Subchapter N, Parts 405–471. Violations of these general and specific prohibitions or the provisions of this section may result in the issuance of an industrial pretreatment permit, surcharges, discontinuance of water and/or sewer service and other fines and provisions of Section 110 or 205. A user may not contribute the following substances to any WWF:
 - (a) Any liquids, solids, or gases which by reason of their nature or quantity are,

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or maybe, sufficient either alone or by interaction with other substances to cause fire or explosion or be injurious in any other way to the WWF or to the operation of the WWF. Prohibited flammable materials including, but not limited to, waste streams with a closed cup flash point of less than 140⁰ F or 60⁰ C using the test methods specified in 40 CFR 261.21. Prohibited materials include, but are not limited to, gasoline, kerosene, naphtha, benzene, toluene, xylene, ethers, alcohols, ketones, aldehydes, peroxides, chlorates, perchlorates, bromate, carbides, hydrides and sulfides and any other substances which are a fire hazard or a hazard to the system.

(b) Any wastewater having a pH less than 5.0 or higher than 10.5 or wastewater having any other corrosive property capable of causing damage or hazard to structures, equipment, and/or personnel of the WWF.

(c) Solid or viscous substances which may cause obstruction to the flow in a sewer or other interference with the operation of the wastewater treatment facilities including, but not limited to grease, garbage with particles greater than one-half inch (1/2") in any dimension, waste from animal slaughter, ashes, cinders, sand, spent lime, stone or marble dust, metal, glass, straw, shavings, grass clippings, rags, spent grains, spent hops, waste paper, wood, plastics, mud, or glass grinding or polishing wastes.

(d) Any pollutants, including oxygen demanding pollutants (BOD, etc.) released at a flow rate and/or pollutant concentration which will cause interference to the WWF.

(e) Any wastewater having a temperature which will inhibit biological activity in the WWF treatment plant resulting in interference, but in no case wastewater with a temperature at the introduction into the WWF which exceeds 40°C (104° F) unless approved by the State of Tennessee.

(f) Petroleum oil, nonbiodegradable cutting oil, or products of mineral oil origin in amounts that will cause interference or pass through.

(g) Pollutants which result in the presence of toxic gases, vapors, or fumes within the WWF in a quantity that may cause acute worker health and safety problems.

(h) Any wastewater containing any toxic pollutants, chemical elements, or compounds in sufficient quantity, either singly or by interaction with other pollutants, to injure or interfere with any wastewater treatment process, constitute a hazard to humans, including wastewater plant and collection system operators, or animals, create a toxic effect in the receiving waters of the WWF, or to exceed the limitation set forth in a categorical pretreatment standard. A toxic pollutant shall include but not be limited to any pollutant identified pursuant to Section 307(a) of the Act.

(i) Any trucked or hauled pollutants except at discharge points designated by the WWF.

(j) Any substance which may cause the WWF's effluent or any other product of the WWF such as residues, sludges, or scums, to be unsuitable for reclamation and reuse or to interfere with the reclamation process. In no case, shall a substance

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discharged to the WWF cause the WWF to be in non-compliance with sludge use or disposal criteria, 40 CFR 503, guidelines, or regulations developed under Section 405 of the Act; any criteria, guidelines, or regulations affecting sludge use or disposal developed pursuant to the Solid Waste Disposal Act, the Clean Air Act, the Toxic Substances Control Act, or state criteria applicable to the sludge management method being used.

(k) Any substances which will cause the WWF to violate its NPDES Permit or the receiving water quality standards.

(l) Any wastewater causing discoloration of the wastewater treatment plant effluent to the extent that the receiving stream water quality requirements would be violated, such as, but not limited to, dye wastes and vegetable tanning solutions.

(m) Any waters or wastes causing an unusual volume of flow or concentration of waste constituting "slug" as defined herein.

(n) Any waters containing any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the Pretreatment Coordinator in compliance with applicable state or federal regulations.

(o) Any wastewater which causes a hazard to human life or creates a public nuisance.

(p) Any waters or wastes containing animal or vegetable fats, wax, grease, or oil, whether emulsified or not, which cause accumulations of solidified fat in pipes, lift stations and pumping equipment or interfere at the treatment plant.

(q) Detergents, surfactants, surface-acting agents or other substances which may cause excessive foaming at the WWF or pass through of foam.

(r) Wastewater causing, alone or in conjunction with other sources, the WWF to fail toxicity tests.

(s) Any storm water, surface water, groundwater, roof runoff, subsurface drainage, uncontaminated cooling water, or unpolluted industrial process waters to any sanitary sewer. Storm water and all other unpolluted drainage shall be discharged to such sewers as are specifically designated as storm sewers, or to a natural outlet approved by the Pretreatment Coordinator and the Tennessee Department of Environment and Conservation, Division of Water Resources. Industrial cooling water or unpolluted process waters may be discharged on approval of the Pretreatment Coordinator and the Tennessee Department of Environment and Conservation, Division of Water Resources, to a storm sewer or natural outlet.

(2) Local Limits. In addition to the general and specific prohibitions listed in this section, users permitted according to Chapter 2 may be subject to numeric and best management practices as additional restrictions to their wastewater discharge in order to protect the WWF from interference or protect the receiving waters from pass through contamination. The Pretreatment Coordinator may develop Best Management Practices (BMPs), by regulation or in individual wastewater discharge permits or general permits to implement Local Limits and the requirements of Section 201.

(3) Restrictions on wastewater strength. No person or user shall discharge wastewater

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which exceeds the set of standards provided in Table A - Plant Protection Criteria, unless specifically allowed by their discharge permit according to Chapter 2 of these regulations. Dilution pH of any wastewater discharge for the purpose of satisfying these requirements shall be considered in violation of this chapter.

- (4) Dilution. No user shall ever increase the use of process water, or in any way attempt to dilute a discharge, as a partial or complete substitute for adequate treatment to achieve compliance with a discharge limitation unless expressly authorized by an applicable pretreatment standard or requirement. The Pretreatment Coordinator may impose mass limitations on Users who are using dilution to meet applicable Pretreatment Standards or Requirements or in other cases when the imposition of mass limitations is appropriate.
- (5) Fats, oils and grease traps and interceptors.
 - (a) Fat, Oil, and Grease (FOG), waste food, and sand interceptors. FOG, waste food and sand interceptors shall be installed when, in the opinion of the Pretreatment Coordinator, they are necessary for the proper handling of liquid wastes containing fats, oils, and grease, any flammable wastes, ground food waste, sand, soil, and solids, or other harmful ingredients in excessive amount which impact the wastewater collection system. Such interceptors shall not be required for single family residences but may be required on multiple family residences. All interceptors shall be of a type and capacity approved by the Pretreatment Coordinator and shall be located as to be readily and easily accessible for cleaning and inspection.
 - (b) Fat, oil, grease, and food waste.
 - (i) New construction and renovation. Upon construction or renovation, all restaurants, cafeterias, hotels, motels, hospitals, nursing homes, schools, grocery stores, prisons, jails, churches, camps, caterers, manufacturing plants and any other sewer users who discharge applicable waste shall submit a FOG and food waste control plan that will effectively control the discharge of FOG and food waste.
 - (ii) Existing structures. All existing restaurants, cafeterias, hotels, motels, hospitals, nursing homes, schools, grocery stores, prisons, jails, churches, camps, caterers, manufacturing plants and any other sewer users who discharge applicable waste shall be required to submit a plan for control of FOG and food waste, if and when the Pretreatment Coordinator determines that FOG and food waste are causing excessive loading, plugging, damage or potential problems to structures or equipment in the public sewer system.
 - (iii) Implementation of plan. After approval of the FOG plan by the Pretreatment Coordinator the sewer user must:
 - (A) Implement the plan within a reasonable amount of time;
 - (B) Service and maintain the equipment in order to prevent impact upon the sewer collection system and treatment facility. If in the opinion of the Pretreatment Coordinator the user continues to impact the collection system and treatment plan, additional pretreatment may be required, including a requirement to meet numeric limits and have surcharges

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applied.

(c) Sand, soil, and oil interceptors. All car washes, truck washes, garages, service stations and other sources of sand, soil, and oil shall install effective sand, soil, and oil interceptors. These interceptors shall be sized to effectively remove sand, soil, and oil at the expected flow rates. The interceptors shall be cleaned on a regular basis to prevent impact upon the wastewater collection and treatment system. Owners whose interceptors are deemed to be ineffective by the Pretreatment Coordinator may be asked to change the cleaning frequency or to increase the size of the interceptors. Owners or operators of washing facilities will prevent the inflow of rainwater into the sanitary sewers.

(d) Laundries. Commercial laundries shall be equipped with an interceptor with a wire basket or similar device, removable for cleaning, that prevents passage into the sewer system of solids 1/2 inch or larger in size such as strings, rags, buttons, or other solids detrimental to the system.

(e) Control equipment. The equipment of facilities installed to control FOG, food waste, sand, and soil, must be designed in accordance with the Tennessee Department of Environment and Conservation, Division of Water Resources engineering standards or applicable utility guidelines. Underground equipment shall be tightly sealed to prevent inflow of rainwater and easily accessible to allow regular maintenance. Control equipment shall be maintained by the owner or operator of the facility so as to prevent a stoppage of the public sewer, and the accumulation of FOG in the lines, pump stations and treatment plant. If the utility is required to clean out the public sewer lines as a result of a stoppage resulting from poorly maintained control equipment, the property owner shall be required to refund the labor, equipment, materials, and overhead costs to the utility. Nothing in this subsection shall be construed to prohibit or restrict any other remedy the utility has under this chapter, or state or federal law. The utility retains the right to inspect and approve installation of control equipment.

(f) Solvents Prohibited. The use of degreasing or line cleaning products containing petroleum-based solvents is prohibited. The use of other products for the purpose of keeping FOG dissolved or suspended until it has traveled into the collection system of the utility is prohibited.

(g) The Pretreatment Coordinator may use industrial wastewater discharge permits under 202 to regulate the discharge of fat, oil, and grease.

110. Enforcement and abatement. Violators of these Wastewater Regulations may be cited to general sessions court, chancery court, or other court of competent jurisdiction face fines, have sewer service terminated or the utility may seek further remedies as needed to protect the collection system, treatment plant, receiving stream and public health including the issuance of discharge permits according to Chapter 2. Repeated or continuous violation of these regulations is declared to be a public nuisance and may result in legal action against the property owner and/or occupant and the service line disconnected from sewer main. Upon notice by the Pretreatment Coordinator that a violation has or is occurring, the user shall immediately take steps to stop or correct the violation. The utility may take any or

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all the following remedies:

- (1) Cite the user to general sessions court, where each day of violation shall constitute a separate offense.
- (2) In an emergency situation where the Pretreatment Coordinator has determined that immediate action is needed to protect the public health, safety or welfare, a public water supply or the facilities of the sewerage system, the Pretreatment Coordinator may discontinue water service or disconnect sewer service.
- (3) File a lawsuit in chancery court or any other court of competent jurisdiction seeking damages against the user, and further seeking an injunction prohibiting further violations by user.
- (4) Seek further remedies as needed to protect the public health, safety or welfare, the public water supply or the facilities of the sewerage system.

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CHAPTER 2

INDUSTRIAL/COMMERCIAL WASTEWATER REGULATIONS

SECTION

- 201. Industrial pretreatment.
- 202. Discharge permits.
- 203. Industrial user additional requirements.
- 204. Reporting requirements.
- 205. Enforcement response plan.
- 206. Enforcement response guide table.
- 207. Fees and billing.
- 208. Validity.

201. Industrial pretreatment. In order to comply with Federal Industrial Pretreatment Rules 40 CFR 403 and Tennessee Pretreatment Rules 0400-40-14 and to fulfill the Purpose and Policy of these regulations, the following regulations are adopted.

- (1) User discharge restrictions. All system users must follow the General and Specific discharge regulations specified in Section 109 of these regulations.
- (2) Users wishing to discharge pollutants at higher concentrations than Table A Plant Protection Criteria of Section 109, or those dischargers who are classified as Significant Industrial Users will be required to meet the requirements of this Chapter. Users who discharge waste which falls under the criteria specified in this Chapter and who fail to or refuse to follow the provisions shall face termination of service and/or enforcement action specified in Section 205.
- (3) Discharge regulation. Discharges to the sewer system shall be regulated through use of a permitting system. The permitting system may include any or all of the following activities: completion of survey/application forms, issuance of permits, oversight of users monitoring and permit compliance, use of compliance schedules, inspections of industrial processes, wastewater processing, and chemical storage, public notice of permit system changes and public notice of users found in significant noncompliance.
- (4) Discharge Permits shall limit concentrations of discharge pollutants to those levels that are established as Local Limits, Table B or other applicable State and Federal pretreatment rules which may take effect after the passage of these regulations.

Table B-Local Limits - Maximum Limits, mg/L

- (5) Surcharge limits and maximum concentrations. Dischargers of high strength waste may be subject to surcharges based on the following surcharge limits. Maximum concentrations may also be established for some users.

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Table C-Surcharge and Maximum Limits, mg/L

- (6) **Protection of treatment plant influent.** The pretreatment coordinator shall monitor the treatment works influent for each parameter in Table A - Plant Protection Criteria. Industrial users shall be subject to reporting and monitoring requirements regarding these parameters as set forth in this chapter. In the event that the influent at the WWF reaches or exceeds the levels established by Table A or subsequent criteria calculated as a result of changes in pass through limits issued by the Tennessee Department of Environment and Conservation, Division of Water Resources, the pretreatment coordinator shall initiate technical studies to determine the cause of the influent violation and shall recommend to the utility the necessary remedial measures, including, but not limited to, recommending the establishment of new or revised local limits, best management practices, or other criteria used to protect the WWF. The pretreatment coordinator shall also recommend changes to any of these criteria in the event that: the WWF effluent standards are changed, there are changes in any applicable law or regulation affecting same, or changes are needed for more effective operation of the WWF.
- (7) **User inventory.** The Pretreatment Coordinator will maintain an up-to-date inventory of users whose waste does or may fall into the requirements of this Chapter and will notify the users of their status.
- (8) **Right to establish more restrictive criteria.** No statement in this chapter is intended or may be construed to prohibit the pretreatment coordinator from establishing specific wastewater discharge criteria which are more restrictive when wastes are determined to be harmful or destructive to the facilities of the WWF or to create a public nuisance, or to cause the discharge of the WWF to violate effluent or stream quality standards, or to interfere with the use or handling of sludge, or to pass through the WWF resulting in a violation of the NPDES permit, or to exceed industrial pretreatment standards for discharge to municipal wastewater treatment systems as imposed or as may be imposed by the Tennessee Department of Environment and Conservation, Division of Water Resources and/or the United States Environmental Protection Agency.

202. Discharge permits.

- (1) **Application for discharge of commercial or industrial wastewater.** All users or prospective users which generate commercial or industrial wastewater shall make application to the Pretreatment Coordinator for connection to the municipal wastewater treatment system. It may be determined through the application that a user needs a discharge permit according to the provisions of federal and state laws and regulations. Applications shall be required from all new dischargers as well as for any existing discharger desiring additional service or where there is a planned change in the industrial or wastewater treatment process. Connection to the utility sewer or changes in the industrial process or wastewater treatment process shall not

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be made until the application is received and approved by the Pretreatment Coordinator, the building sewer is installed in accordance with section 106 of these regulations and an inspection has been performed by the Pretreatment Coordinator or his representative.

The receipt by the utility of a prospective customer's application for connection shall not obligate the utility to render the connection. If the service applied for cannot be supplied in accordance with this chapter and the utility's rules and regulations and general practice, the connection charge will be refunded in full, and there shall be no liability of the utility to the applicant for such service.

(2) Industrial wastewater discharge permits.

(a) General requirements. All industrial users proposing to connect to or contribute to the WWF shall apply for service and apply for a discharge permit before connecting to or contributing to the WWF. All existing industrial users connected to or contributing to the WWF may be required to apply for a permit within 30 days after the effective date of this chapter.

(b) Applications. Applications for wastewater discharge permits shall be required as follows:

(i) Users required by the Pretreatment Coordinator to obtain a wastewater discharge permit shall complete and file with the pretreatment coordinator, an application on a prescribed form accompanied by the appropriate fee.

(ii) The application shall be in the prescribed form of the utility and shall include, but not be limited to the following information: name, address, and SIC/NAICS number of applicant; wastewater volume; wastewater constituents and characteristic, including but not limited to those mentioned in Section 109 and 201 discharge variations -- daily, monthly, seasonal and 30 minute peaks; a description of all chemicals handled on the premises, each product produced by type, amount, process or processes and rate of production, type and amount of raw materials, number and type of employees, hours of operation, site plans, floor plans, mechanical and plumbing plans and details showing all sewers and appurtenances by size, location and elevation; a description of existing and proposed pretreatment and/or equalization facilities and any other information deemed necessary by the pretreatment coordinator.

(iii) Any user who elects or is required to construct new or additional facilities for pretreatment shall as part of the application for wastewater discharge permit submit plans, specifications, and other pertinent information relative to the proposed construction to the pretreatment coordinator for approval. A wastewater discharge permit shall not be issued until such plans and specifications are approved. Approval of such plans and specifications shall in no way relieve the user from the responsibility of modifying the facility as necessary to produce an effluent acceptable to the utility under the provisions of this chapter(iv) If additional pretreatment and/or operations and maintenance will be required to meet

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the pretreatment standards, the application shall include the shortest schedule by which the user will provide such additional pretreatment. The completion date in this schedule shall not be later than the compliance date established for the applicable pretreatment standard. For the purpose of this paragraph, "pretreatment standard," shall include either a national pretreatment standard or a pretreatment standard imposed by this chapter.

(v) The utility will evaluate the data furnished by the user and may require additional information. After evaluation and acceptance of the data furnished, the utility may issue a wastewater discharge permit subject to terms and conditions provided herein.

(vi) The receipt by the utility of a prospective customer's application for wastewater discharge permit shall not obligate the utility to render the wastewater collection and treatment service. If the service applied for cannot be supplied in accordance with this chapter or the utility's rules and regulations and general practice, the application shall be rejected and there shall be no liability of the utility to the applicant of such service.

(vii) The pretreatment coordinator will act only on applications containing all the information required in this section. Persons who have filed incomplete applications will be notified by the pretreatment coordinator that the application is deficient and the nature of such deficiency and will be given thirty (30) days to correct the deficiency. If the deficiency is not corrected within thirty (30) days or within such extended period as allowed by the local administrative officer, the local administrative officer shall deny the application and notify the applicant in writing of such action.

(viii) Applications shall be signed by the duly authorized representative.

(c) Permit conditions. Wastewater discharge permits shall be expressly subject to all provisions of this chapter and all other applicable regulations, user charges and fees established by the utility.

(i) Permits shall contain the following:

(A) Statement of duration;

(B) Provisions of transfer;

(C) Effluent limits, including best management practices, based on applicable pretreatment standards in this Chapter, State Rules, categorical pretreatment standards, local, state, and federal laws.

(D) Self-monitoring, sampling, reporting, notification, and record-keeping requirements. These requirements shall include an identification of pollutants (or best management practice) to be monitored, sampling location, sampling frequency, and sample type based on Federal, State, and local law;

(E) Statement of applicable civil and criminal penalties for violations of pretreatment standards and the requirements of any applicable compliance schedule. Such schedules shall not extend the compliance date beyond the applicable federal deadlines;

(F) Requirements to control slug discharges, if determined by

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the WWF to be necessary;

(G) Requirement to notify the WWF immediately if changes in the user's processes affect the potential for a slug discharge.

(ii) Additionally, permits may contain the following:

(A) The unit charge or schedule of user charges and fees for the wastewater to be discharged to a community sewer;

(B) Requirements for installation and maintenance of inspection and sampling facilities;

(C) Compliance schedules;

(D) Requirements for submission of technical reports or discharge reports;

(E) Requirements for maintaining and retaining plant records relating to wastewater discharge as specified by the utility, and affording utility access thereto;

(F) Requirements for notification of the utility thirty (30) days prior to implementing any substantial change in the volume or character of the wastewater constituents being introduced into the wastewater treatment system, and of any changes in industrial processes that would affect wastewater quality or quantity;

(G) Prohibition of bypassing pretreatment or pretreatment equipment;

(H) Effluent mass loading restrictions;

(I) Other conditions as deemed appropriate by the utility to ensure compliance with this chapter.

(d) Permit modification. The terms and conditions of the permit may be subject to modification by the pretreatment coordinator during the term of the permit as limitations or requirements are modified or other just cause exists. The user shall be informed of any proposed changes in this permit at least 30 days prior to the effective date of change. Except in the case where federal deadlines are shorter, in which case the federal rule must be followed. Any changes or new conditions in the permit shall include a reasonable time schedule for compliance.

(e) Permit duration. Permits shall be issued for a specified time period, not to exceed five (5) years. A permit may be issued for a period less than a year or may be stated to expire on a specific date. The user shall apply for permit renewal a minimum of 180 days prior to the expiration of the user's existing permit.

(f) Permit transfer. Wastewater discharge permits are issued to a specific user for a specific operation. A wastewater discharge permit shall not be reassigned or transferred or sold to a new owner, new user, different premises, or a new or changed operation without the written approval of the utility. Any succeeding owner or user shall also comply with the terms and conditions of the existing permit. The permit holder must provide the new owner with a copy of the current permit.

(g) Revocation of permit. Any permit issued under the provisions of this chapter is subject to be modified, suspended, or revoked in whole or in part during

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its term for cause including, but not limited to, the following:

(i) Violation of any terms or conditions of the wastewater discharge permit or other applicable federal, state, or local law or regulation.

(ii) Obtaining a permit by misrepresentation or failure to disclose fully all relevant facts.

(iii) A change in:

(A) Any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge;

(B) Strength, volume, or timing of discharges;

(C) Addition or change in process lines generating wastewater.

(iv) Intentional failure of a user to accurately report the discharge constituents and characteristics or to report significant changes in plant operations or wastewater characteristics.

(3) **Confidential information.** All information and data on a user obtained from reports, questionnaires, permit applications, permits and monitoring programs and from inspection shall be available to the public or any governmental agency without restriction unless the user specifically requests and is able to demonstrate to the satisfaction of the pretreatment coordinator that the release of such information would divulge information, processes, or methods of production entitled to protection as trade secrets of the users. When requested by the person furnishing the report, the portions of a report which might disclose trade secrets or secret processes shall not be made available for inspection by the public but shall be made available to governmental agencies for use; related to this chapter or the utility's or user's NPDES permit. Provided, however, that such portions of a report shall be available for use by the state or any state agency in judicial review or enforcement proceedings involving the person furnishing the report. Wastewater constituents and characteristics will not be recognized as confidential information. Information accepted by the pretreatment coordinator as confidential shall not be transmitted to any governmental agency or to the general public by the pretreatment coordinator until and unless prior and adequate notification is given to the user. Notwithstanding anything to the contrary herein, the utility will disclose any documents or information required to be disclosed by law, including the Tennessee Public Records Act.

203. Industrial user additional requirements.

(1) **Monitoring facilities.** The installation of a monitoring facility shall be required for all industrial users. A monitoring facility shall be a manhole or other suitable facility approved by the pretreatment coordinator. When in the judgment of the pretreatment coordinator, there is a significant difference in wastewater constituents and characteristics produced by different operations of a single user the pretreatment coordinator may require that separate monitoring facilities be installed for each separate source of discharge. Monitoring facilities that are required to be installed shall be constructed and maintained at the user's expense. The purpose of the facility is to enable inspection, sampling and flow measurement

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of wastewater produced by a user. If sampling or metering equipment is also required by the pretreatment coordinator, it shall be provided and installed at the user's expense. The monitoring facility will normally be required to be located on the user's premises outside of the building. The pretreatment coordinator may, however, when such a location would be impractical or cause undue hardship on the user, allow the facility to be constructed in the public street right-of-way with the approval of the public agency having jurisdiction of that right-of-way and located so that it will not be obstructed by landscaping or parked vehicles. There shall be ample room in or near such sampling manhole or facility to allow accurate sampling and preparation of samples for analysis. The facility, sampling, and measuring equipment shall be maintained at all times in a safe and proper operating condition at the expenses of the user.

- (2) Sample methods. All samples collected and analyzed pursuant to this regulation shall be conducted using protocols (including appropriate preservation) specified in the current addition of 40 CFR 136 and appropriate EPA guidance. Multiple grab samples collected during a 24-hour period may be composited prior to the analysis as follows: For cyanide, total phenol, and sulfide the samples may be composited in the laboratory or in the field; for volatile organics and oil & grease the samples may be composited in the laboratory. Composite samples for other parameters unaffected by the compositing procedures as documented in approved EPA methodologies may be authorized by the control authority, as appropriate.
- (3) Representative sampling and housekeeping. All wastewater samples must be representative of the User's discharge. Wastewater monitoring and flow measuring facilities shall be properly operated, kept clean, and in good working order at all times. The failure of the User to keep its monitoring facilities in good working order shall not be grounds for the User to claim that sample results are unrepresentative of its discharge.
- (4) Proper operation and maintenance. The user shall at all times properly operate and maintain the equipment and facilities associated with spill control, wastewater collection, treatment, sampling and discharge. Proper operation and maintenance include adequate process control as well as adequate testing and monitoring quality assurance.
- (5) Inspection and sampling. The utility may inspect the facilities of any user to ascertain whether the purpose of this chapter is being met and all requirements are being complied with. Persons or occupants of premises where wastewater is created or discharged shall allow the utility or its representative ready access at all reasonable times to all parts of the premises for the purpose of inspection, sampling, records examination and copying or in the performance of any of its duties. The utility, approval authority and EPA shall have the right to set up on the user's property such devices as are necessary to conduct sampling inspection, compliance monitoring and/or metering operations. The utility will utilize qualified utility personnel or a private laboratory to conduct compliance monitoring. Where a user has security measures in force which would require proper identification and clearance before entry into their premises, the user shall make necessary

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arrangements with their security guards so that upon presentation of suitable identification, personnel from the utility, approval authority and EPA will be permitted to enter, without delay, for the purposes of performing their specific responsibility.

- (6) Safety. While performing the necessary work on private properties, the pretreatment coordinator or duly authorized employees of the utility shall observe all safety rules applicable to the premises established by the company.
- (7) New sources. New sources of discharges to the WWF shall have in full operation all pollution control equipment at startup of the industrial process and be in full compliance of effluent standards within 90 days of startup of the industrial process.
- (8) Slug discharge evaluations. Evaluations will be conducted of each significant industrial user according to the state and federal regulations. Where it is determined that a slug discharge control plan is needed, the user shall prepare that plan according to the appropriate regulatory guidance
- (9) Accidental discharges or slug discharges.
 - (a) Protection from accidental or slug discharge. All industrial users shall provide such facilities and institute such procedures as are reasonably necessary to prevent or minimize the potential for accidental or slug discharge into the WWF of waste regulated by this chapter from liquid or raw material storage areas, from truck and rail car loading and unloading areas, from in-plant transfer or processing and materials handling areas, and from diked areas or holding ponds of any waste regulated by this chapter. Detailed plans showing the facilities and operating procedures shall be submitted to the pretreatment coordinator before the facility is constructed. The review and approval of such plans and operating procedures will in no way relieve the user from the responsibility of modifying the facility to provide the protection necessary to meet the requirements of this chapter.
 - (b) Notification of accidental discharge or slug discharge. Any person causing or suffering from any accidental discharge or slug discharge shall immediately notify the pretreatment coordinator in person, or by the telephone to enable countermeasures to be taken by the pretreatment coordinator to minimize damage to the WWF, the health and welfare of the public, and the environment. This notification shall be followed, within five (5) days of the date of occurrence, by a detailed written statement describing the cause of the accidental discharge and the measures being taken to prevent future occurrence. Such notification shall not relieve the user of liability for any expense, loss, or damage to the WWF, fish kills, or any other damage to person or property; nor shall such notification relieve the user of any fines, civil penalties, or other liability which may be imposed by this chapter or state or federal law.
 - (c) Notice to employees. A notice shall be permanently posted on the user's bulletin board or other prominent place advising employees whom to call in the event of a dangerous discharge. Employers shall ensure that all employees who may cause or suffer such a dangerous discharge to occur are advised of the emergency notification procedure.

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204. Reporting requirements. Users, whether permitted or non-permitted may be required to submit reports detailing the nature and characteristics of their discharges according to the following subsections. Failure to make a requested report in the specified time is a violation subject to enforcement actions under Section 205.

(1) Baseline monitoring report.

(a) Within either one hundred eighty (180) days after the effective date of a categorical pretreatment standard, or the final administrative decision on a category determination under Tennessee Rule 0400-40-14-.06(1)(d), whichever is later, existing categorical industrial users currently discharging to or scheduled to discharge to the WWF shall submit to the Pretreatment Coordinator a report which contains the information listed in paragraph B, below. At least ninety (90) days prior to commencement of their discharge, New Sources, and sources that become categorical industrial users subsequent to the promulgation of an applicable categorical Standard, shall submit to the Pretreatment Coordinator a report which contains the information listed in paragraph (b), below. A new source shall report the method of pretreatment it intends to use to meet applicable categorical standards. A new source also shall give estimates of its anticipated flow and quantity of pollutants to be discharged.

(b) Users described above shall submit the information set forth below.

(i) Identifying Information. The username, address of the facility including the name of operators and owners.

(ii) Permit Information. A listing of any environmental control permits held by or for the facility.

(iii) Description of operations. A brief description of the nature, average rate of production (including each product produced by type, amount, processes, and rate of production), and standard industrial classifications of the operation(s) carried out by such User. This description should include a schematic process diagram, which indicates points of discharge to the WWF from the regulated processes.

(vi) Flow measurement. Information showing the measured average daily and maximum daily flow, in gallons per day, to the WWF from regulated process streams and other streams, as necessary, to allow use of the combined waste stream formula.

(v) Measurement of pollutants.

(A) The categorical pretreatment standards applicable to each regulated process and any new categorically regulated processes for existing sources.

(B) The results of sampling and analysis identifying the nature and concentration, and/or mass, where required by the standard or by the Pretreatment Coordinator, of regulated pollutants in the discharge from each regulated process.

(C) Instantaneous, daily maximum, and long-term average concentrations, or mass, where required, shall be reported.

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(D) The sample shall be representative of daily operations and shall be analyzed in accordance with procedures set out in 40 CFR 136 and amendments, unless otherwise specified in an applicable categorical standard. Where the standard requires compliance with a BMP or pollution prevention alternative, the user shall submit documentation as required by the Pretreatment Coordinator or the applicable standards to determine compliance with the standard.

(E) The user shall take a minimum of one representative sample to compile that data necessary to comply with the requirements of this paragraph.

(F) Samples should be taken immediately downstream from pretreatment facilities if such exist or immediately downstream from the regulated process if no pretreatment exists. If other wastewaters are mixed with the regulated wastewater prior to pretreatment the User should measure the flows and concentrations necessary to allow use of the combined waste stream formula to evaluate compliance with the pretreatment standards

(G) Sampling and analysis shall be performed in accordance with 40 CFR 136 or other approved methods;

(H) The Pretreatment Coordinator may allow the submission of a baseline report which utilizes only historical data so long as the data provides information sufficient to determine the need for industrial pretreatment measures;

(I) The baseline report shall indicate the time, date and place of sampling and methods of analysis, and shall certify that such sampling and analysis is representative of normal work cycles and expected pollutant discharges to the WWF.

(c) Compliance certification. A statement, reviewed by the user's duly authorized representative and certified by a qualified professional, indicating whether pretreatment standards are being met on a consistent basis, and, if not, whether additional operation and maintenance (O&M) and/or additional pretreatment is required to meet the Pretreatment Standards and Requirements.

(d) Compliance schedule. If additional pretreatment and/or O&M will be required to meet the Pretreatment Standards, the shortest schedule by which the user will provide such additional pretreatment and/or O&M must be provided. The completion date in this schedule shall not be later than the compliance date established for the applicable pretreatment standard. A compliance schedule pursuant to this Section must meet the requirements set out in Section 204(2) of these regulations.

(e) Signature and report certification. All baseline monitoring reports must be certified in accordance with section 204(14) of these regulations and signed by the duly authorized representative.

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- (2) Compliance schedule progress reports. The following conditions shall apply to the compliance schedule required by section 204(1)(d) of these regulations:
- (a) The schedule shall contain progress increments in the form of dates for the commencement and completion of major events leading to the construction and operation of additional pretreatment required for the User to meet the applicable pretreatment standards (such events include, but are not limited to, hiring an engineer, completing preliminary and final plans, executing contracts for major components, commencing, and completing construction, and beginning and conducting routine operation)
 - (b) No increment referred to above shall exceed nine (9) months,
 - (c) The user shall submit a progress report to the Pretreatment Coordinator no later than fourteen (14) days following each date in the schedule and the final date of compliance including, as a minimum, whether or not it complied with the increment of progress, the reason for any delay, and if appropriate, the steps being taken by the user to return to the established schedule,
 - (d) In no event shall more than nine (9) months elapse between such progress reports to the Pretreatment Coordinator.
- (3) Reports on compliance with categorical pretreatment standard deadline. Within ninety (90) days following the date for final compliance with applicable categorical pretreatment standards, or in the case of a new source following commencement of the introduction of wastewater into the WWF, any user subject to such pretreatment standards and requirements shall submit to the Pretreatment Coordinator a report containing the information described in section 204(1)(b)(vi) and (v) of these regulations. For all other users subject to categorical pretreatment standards expressed in terms of allowable pollutant discharge per unit of production (or other measure of operation), this report shall include the user's actual production during the appropriate sampling period. All compliance reports must be signed and certified in accordance with subsection 14 of this section. All sampling will be done in conformance with subsection 11.
- (4) Periodic compliance reports.
- (a) All significant industrial users must, at a frequency determined by the Pretreatment Coordinator submit no less than twice per year (April 10 and October 10) reports indicating the nature, concentration of pollutants in the discharge which are limited by pretreatment standards and the measured or estimated average and maximum daily flows for the reporting period. In cases where the pretreatment standard requires compliance with a Best Management Practice (BMP) or pollution prevention alternative, the user must submit documentation required by the Pretreatment Coordinator or the pretreatment standard necessary to determine the compliance status of the user.
 - (b) All periodic compliance reports must be signed and certified in accordance with these regulations.
 - (c) All wastewater samples must be representative of the User's discharge. Wastewater monitoring and flow measurement facilities shall be properly operated,

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kept clean, and maintained in good working order at all times. The failure of a User to keep its monitoring facility in good working order shall not be grounds for the User to claim that sample results are unrepresentative of its discharge.

(d) If a User subject to the reporting requirement in this section monitors any regulated pollutant at the appropriate sampling location more frequently than required by the Pretreatment Coordinator, using the procedures prescribed in subsection 11 of this section, the results of this monitoring shall be included in the report

(5) Reports of changed conditions. Each user must notify the Pretreatment Coordinator of any significant changes to the user's operations or system which might alter the nature, quality, or volume of its wastewater at least 60 days before the change.

(a) The Pretreatment Coordinator may require the user to submit such information as may be deemed necessary to evaluate the changed condition, including the submission of a wastewater discharge permit application under section 201 of this chapter.

(b) The Pretreatment Coordinator may issue an individual wastewater discharge permit under section 202 of this chapter or modify an existing wastewater discharge permit under section 202 of this chapter in response to changed conditions or anticipated changed conditions.

(6) Report of potential problems.

(a) In the case of any discharge, including, but not limited to, accidental discharges, discharges of a nonroutine, episodic nature, a non-customary batch discharge, a slug discharge or slug load, that might cause potential problems for the UTILITY, the User shall immediately telephone and notify the Pretreatment Coordinator of the incident. This notification shall include the location of the discharge, type of waste, concentration and volume, if known, and corrective actions taken by the user.

(b) Within five (5) days following such discharge, the user shall, unless waived by the Pretreatment Coordinator, submit a detailed written report describing the cause(s) of the discharge and the measures to be taken by the user to prevent similar future occurrences. Such notification shall not relieve the user of any expense, loss, damage, or other liability which might be incurred as a result of damage to the WWF, natural resources, or any other damage to person or property; nor shall such notification relieve the user of any fines, penalties, or other liability which may be imposed pursuant to these regulations.

(c) A notice shall be permanently posted on the user's bulletin board or other prominent place advising employees who to call in the event of a discharge described in paragraph (a), above. Employers shall ensure that all employees, who could cause such a discharge to occur, are advised of the emergency notification procedure.

(d) Significant industrial users are required to notify the Pretreatment Coordinator immediately of any changes at its facility affecting the potential for a slug discharge.

(7) Reports from unpermitted users. All Users not required to obtain an individual

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wastewater discharge permit shall provide appropriate reports to the Pretreatment Coordinator as the Pretreatment Coordinator may require determining user's status as non-permitted.

- (8) Notice of violations/repeat sampling and reporting. Where a violation has occurred, another sample shall be conducted within 30 days of becoming aware of the violation, either a repeat sample or a regularly scheduled sample that falls within the required time frame. If sampling performed by a user indicates a violation, the user must notify the Pretreatment Coordinator within twenty-four (24) hours of becoming aware of the violation. The user shall also repeat the sampling and analysis and submit the results of the repeat analysis to the Pretreatment Coordinator within thirty (30) days after becoming aware of the violation. Resampling by the industrial user is not required if the utility performs sampling at the user's facility at least once a month, or if the utility performs sampling at the user's facility between the time when the initial sampling was conducted and the time when the user or the utility receives the results of this sampling, or if the WWF has performed the sampling and analysis in lieu of the industrial user.
- (9) Notification of the discharge of hazardous waste.
- (a) Any user who commences the discharge of hazardous waste shall notify the WWF, the EPA Regional Waste Management Division Director, and state hazardous waste authorities, in writing, of any discharge into the WWF of a substance which, if otherwise disposed of, would be a hazardous waste under 40 CFR Part 261. Such notification must include the name of the hazardous waste as set forth in 40 CFR Part 261, the EPA hazardous waste number, and the type of discharge (continuous, batch, or other). If the user discharges more than one hundred (100) kilograms of such waste per calendar month to the WWF, the notification also shall contain the following information to the extent such information is known and readily available to the user: an identification of the hazardous constituents contained in the wastes, an estimation of the mass and concentration of such constituents in the waste stream discharged during that calendar month, and an estimation of the mass of constituents in the waste stream expected to be discharged during the following twelve (12) months. All notifications must take place no later than one hundred and eighty (180) days after the discharge commences. Any notification under this paragraph need be submitted only once for each hazardous waste discharged. However, notifications of changed conditions must be submitted under section 204(5) of these regulations. The notification requirement in this Section does not apply to pollutants already reported by user's subject to categorical pretreatment standards under the self-monitoring requirements of Sections 204(1), 204(3), and 204(4) of this chapter.
- (b) Dischargers are exempt from the requirements of paragraph (a), above, during a calendar month in which they discharge no more than fifteen (15) kilograms of hazardous wastes, unless the wastes are acute hazardous wastes as specified in 40 CFR 261.30(d) and 261.33(e). Discharge of more than fifteen (15) kilograms of non-acute hazardous wastes in a calendar month, or of any quantity

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of acute hazardous wastes as specified in 40 CFR 261.30(d) and 261.33(e), requires a one-time notification. Subsequent months during which the user discharges more than such quantities of any hazardous waste do not require additional notification.

(c) In the case of any new regulations under Section 3001 of RCRA identifying additional characteristics of hazardous waste or listing any additional substance as a hazardous waste, the user must notify the Pretreatment Coordinator, the EPA Regional Waste Management Waste Division Director, and state hazardous waste authorities of the discharge of such substance within ninety (90) days of the effective date of such regulations.

(d) In the case of any notification made under this section, the user shall certify that it has a program in place to reduce the volume and toxicity of hazardous wastes generated to the degree it has determined to be economically practical.

(e) This provision does not create a right to discharge any substance not otherwise permitted to be discharged by these regulations, a permit issued there under, or any applicable federal or state law.

(10) Analytical requirements. All pollutant analyses, including sampling techniques, to be submitted as part of a wastewater discharge permit application or report shall be performed in accordance with the techniques prescribed in 40 CFR Part 136 and amendments thereto, unless otherwise specified in an applicable categorical Pretreatment Standard. If 40 CFR Part 136 does not contain sampling or analytical techniques for the pollutant in question, or where the EPA determines that the Part 136 sampling and analytical techniques are inappropriate for the pollutant in question, sampling and analyses shall be performed by using validated analytical methods or any other applicable sampling and analytical procedures, including procedures suggested by the Pretreatment Coordinator or other parties approved by EPA.

(11) Sample collection. Samples collected to satisfy reporting requirements must be based on data obtained through appropriate sampling and analysis performed during the period covered by the report, based on data that is representative of conditions occurring during the reporting period.

(a) Except as indicated in sections (b) and (c) below, the user must collect wastewater samples using 24-hour flow-proportional composite sampling techniques, unless time-proportional composite sampling or grab sampling is authorized by the Pretreatment Coordinator. Where time-proportional composite sampling or grab sampling is authorized by the utility, the samples must be representative of the discharge. Using protocols (including appropriate preservation) specified in 40 CFR Part 136 and appropriate EPA guidance, multiple grab samples collected during a 24-hour period may be composited prior to the analysis as follows: for cyanide, total phenols, and sulfides the samples may be composited in the laboratory or in the field; for volatile organics and oil and grease, the samples may be composited in the laboratory. Composite samples for other parameters unaffected by the compositing procedures as documented in approved EPA methodologies may be authorized by the utility, as appropriate. In addition, grab samples may be required to show compliance with instantaneous limits

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(b) Samples for oil and grease, temperature, pH, cyanide, total phenols, sulfides, and volatile organic compounds must be obtained using grab collection techniques.

(c) For sampling required in support of baseline monitoring and 90-day compliance reports required in Subsections (1) and (3) of this section, a minimum of four (4) grab samples must be used for pH, cyanide, total phenols, oil and grease, sulfide and volatile organic compounds for facilities for which historical sampling data do not exist; for facilities for which historical sampling data are available, the Pretreatment Coordinator may authorize a lower minimum. For the reports required by subsection (4) of this section, the industrial user is required to collect the number of grab samples necessary to assess and assure compliance with applicable pretreatment standards and requirements.

(12) Date of receipt of reports. Written reports will be deemed to have been submitted on the date postmarked. For reports, which are not mailed, the date of receipt of the report shall govern.

(13) Recordkeeping. Users subject to the reporting requirements of these regulations shall retain, and make available for inspection and copying, all records of information obtained pursuant to any monitoring activities required by these regulations, any additional records of information obtained pursuant to monitoring activities undertaken by the user independent of such requirements, and documentation associated with best management practices established under section 208. Records shall include the date, exact place, method, and time of sampling, and the name of the person(s) taking the samples; the dates analyses were performed; who performed the analyses; the analytical techniques or methods used; and the results of such analyses. These records shall remain available for a period of at least three (3) years, unless an extension is requested by Tennessee Department of Environment and Conservation or the EPA. This period shall be automatically extended for the duration of any litigation concerning the user or the utility, or where the user has been specifically notified of a longer retention period by the Pretreatment Coordinator.

(14) Certification statements. Signature and certification. All reports associated with compliance with the pretreatment program shall be signed by the duly authorized representative and shall have the following certification statement attached:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Reports required to have signatures and certification statement include, permit applications, periodic reports, compliance schedules, baseline monitoring, reports of accidental or slug discharges, and any other written report that may be used to determine water quality and compliance with local, state, and federal requirements.

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205. Enforcement response plan. Under the authority of Tennessee Code Annotated, § 69-3-123 et. seq.

(1) Complaints; notification of violation; orders.

(a) (i) Whenever the local administrative officer has reason to believe that a violation of any provision of the utility's rules and regulations, pretreatment program, or of orders of the local hearing authority issued under it has occurred, is occurring, or is about to occur, the local administrative officer may cause a written complaint to be served upon the alleged violator or violators.

(ii) The complaint shall specify the provision or provisions of the pretreatment program or order alleged to be violated or about to be violated and the facts alleged to constitute a violation, may order that necessary corrective action be taken within a reasonable time to be prescribed in the order, and shall inform the violators of the opportunity for a hearing before the local hearing authority.

(iii) Any such order shall become final and not subject to review unless the alleged violators request by written petition a hearing before the local hearing authority as provided in section 205(2), no later than thirty (30) days after the date the order is served; provided, that the local hearing authority may review the final order as provided in Tennessee Code Annotated, 69-3-123(a)(3).

(iv) Notification of violation. Notwithstanding the provisions of subsections (i) through (iii), whenever the pretreatment coordinator finds that any user has violated or is violating this chapter, a wastewater discharge permit or order issued hereunder, or any other pretreatment requirements, the utility or its agent may serve upon the user a written notice of violation. Within fifteen (15) days of the receipt of this notice, the user shall submit to the pretreatment coordinator an explanation of the violation and a plan for its satisfactory correction and prevention including specific actions. Submission of this plan in no way relieves the user of liability for any violations occurring before or after receipt of the notice of violation. Nothing in this section limits the authority of the utility to take any action, including emergency actions or any other enforcement action, without first issuing a notice of violation.

(b) (i) When the local administrative officer finds that a user has violated or continues to violate this chapter, wastewater discharge permits, any order issued hereunder, or any other pretreatment standard or requirement, he may issue one of the following orders. These orders are not prerequisite to taking any other action against the user.

(A) Compliance order. An order to the user responsible for the discharge directing that the user come into compliance within a specified time. If the user does not come into compliance within the specified time, sewer service shall be discontinued unless adequate treatment facilities, devices, or other related appurtenances are installed and properly operated.

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Compliance orders may also contain other requirements to address the noncompliance, including additional self-monitoring, and management practices designed to minimize the number of pollutants discharged to the sewer. A compliance order may not extend the deadline for compliance established for a federal pretreatment standard or requirement, nor does a compliance order release the user of liability for any violation, including any continuing violation.

(B) Cease and desist order. An order to the user directing it to cease all such violations and directing it to immediately comply with all requirements and take needed remedial or preventive action to properly address a continuing or threatened violation, including halting operations and/or terminating the discharge.

(C) Consent order. Assurances of voluntary compliance, or other documents establishing an agreement with the user responsible for noncompliance, including specific action to be taken by the user to correct the noncompliance within a time period specified in the order.

(D) Emergency order.

(1) Whenever the local administrative officer finds that an emergency exists imperatively requiring immediate action to protect the public health, safety, or welfare, the health of animals, fish or aquatic life, a public water supply, or the facilities of the WWF, the local administrative officer may, without prior notice, issue an order reciting the existence of such an emergency and requiring that any action be taken as the local administrative officer deems necessary to meet the emergency.

(2) If the violator fails to respond or is unable to respond to the order, the local administrative officer may take any emergency action as the local administrative officer deems necessary, or contract with a qualified person or persons to carry out the emergency measures. The local administrative officer may assess the person or persons responsible for the emergency condition for actual costs incurred by the utility in meeting the emergency.

(ii) Appeals from orders of the local administrative officer.

(A) Any user affected by any order of the local administrative officer in interpreting or implementing the provisions of this chapter may file with the local administrative officer a written request for reconsideration within thirty (30) days of the order, setting forth in detail the facts supporting the user's request for reconsideration.

(B) If the ruling made by the local administrative officer is unsatisfactory to the person requesting reconsideration, he may, within thirty (30) days, file a written petition with the local hearing authority as provided in subsection (2). The local administrative officer's order shall remain in effect during the period of reconsideration.

(c) Except as otherwise expressly provided, any notice, complaint, order, or

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other instrument issued by or under authority of this section may be served on any named person personally, by the local administrative officer or any person designated by the local administrative officer, or service may be made in accordance with Tennessee statutes authorizing service of process in civil action. Proof of service shall be filed in the office of the local administrative officer.

(2) Hearings.

(a) Any hearing or rehearing brought before the local hearing authority shall be conducted in accordance with the following:

(i) Upon receipt of a written petition from the alleged violator pursuant to this subsection, the local administrative officer shall give the petitioner thirty (30) days' written notice of the time and place of the hearing, but in no case shall the hearing be held more than sixty (60) days from the receipt of the written petition, unless the local administrative officer and the petitioner agree to a postponement;

(ii) The hearing may be conducted by the local hearing authority at a regular or special meeting. A quorum of the local hearing authority must be present at the regular or special meeting to conduct the hearing;

(iii) A verbatim record of the proceedings of the hearings shall be taken and filed with the local hearing authority, together with the findings of fact and conclusions of law made under subdivision (a)(vi). The recorded transcript shall be made available to the petitioner or any party to a hearing upon payment of a charge set by the local administrative officer to cover the costs of preparation;

(iv) In connection with the hearing, the chair shall issue subpoenas in response to any reasonable request by any party to the hearing requiring the attendance and testimony of witnesses and the production of evidence relevant to any matter involved in the hearing. In case of contumacy or refusal to obey a notice of hearing or subpoena issued under this section, the chancery court of Trousdale County has jurisdiction upon the application of the local hearing authority or the local administrative officer to issue an order requiring the person to appear and testify or produce evidence as the case may require, and any failure to obey an order of the court may be punished by such court as contempt;

(v) Any member of the local hearing authority may administer oaths and examine witnesses;

(vi) On the basis of the evidence produced at the hearing, the local hearing authority shall make findings of fact and conclusions of law and enter decisions and orders that, in its opinion, will best further the purposes of the pretreatment program. It shall provide written notice of its decisions and orders to the alleged violator. The order issued under this subsection shall be issued by the person or persons designated by the chair no later than thirty (30) days following the close of the hearing;

(vii) The decision of the local hearing authority becomes final and binding on all parties unless appealed to the courts as provided in subsection

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(b).

(viii) Any person to whom an emergency order is directed under 205(1)(b)(i)(D) shall comply immediately, but on petition to the local hearing authority will be afforded a hearing as soon as possible. In no case will the hearing be held later than three (3) days from the receipt of the petition by the local hearing authority.

(b) An appeal may be taken from any final order or other final determination of the local hearing authority by any party who is or may be adversely affected, including the pretreatment agency. Appeal must be made to the chancery court under the common law writ of certiorari set out in Tennessee Code Annotated, § 27 8-101, et seq. within sixty (60) days from the date the order or determination is made.

(c) Show cause hearing. Notwithstanding the provisions of subsections (a) or (b), the pretreatment coordinator may order any user that causes or contributes to violation(s) of this chapter, wastewater discharge permits, or orders issued hereunder, or any other pretreatment standard or requirements, to appear before the local administrative officer and show cause why a proposed enforcement action should not be taken. Notice shall be served on the user specifying the time and place for the meeting, the proposed enforcement action, the reasons for the action, and a request that the user show cause why the proposed enforcement action should be taken. The notice of the meeting shall be served personally or by registered or certified mail (return receipt requested) at least ten (10) days prior to the hearing. The notice may be served on any authorized representative of the user. Whether or not the user appears as ordered, immediate enforcement action may be pursued following the hearing date. A show cause hearing shall not be prerequisite for taking any other action against the user. A show cause hearing may be requested by the discharger prior to revocation of a discharge permit or termination of service.

(3) Violations, Administrative civil penalty. Under the authority of Tennessee Code Annotated, § 69-3-125.

(a) (i) Any person including, but not limited to, industrial users, who does any of the following acts or omissions is subject to a civil penalty of up to ten thousand dollars (\$10,000.00) per day for each day during which the act or omission continues or occurs:

(A) Unauthorized discharge, discharging without a permit;

(B) Violates an effluent standard or limitation;

(C) Violates the terms or conditions of a permit;

(D) Fails to complete a filing requirement;

(E) Fails to allow or perform an entry, inspection, monitoring or reporting requirement;

(F) Fails to pay user or cost recovery charges; or

(G) Violates a final determination or order of the local hearing authority or the local administrative officer.

(ii) Any administrative civil penalty must be assessed in the following manner:

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(A) The local administrative officer may issue an assessment against any person or industrial user responsible for the violation;

(B) Any person or industrial user against whom an assessment has been issued may secure a review of the assessment by filing with the local administrative officer a written petition setting forth the grounds and reasons for the violator's objections and asking for a hearing in the matter involved before the local hearing authority and, if a petition for review of the assessment is not filed within thirty (30) days after the date the assessment is served, the violator is deemed to have consented to the assessment and it becomes final;

(C) Whenever any assessment has become final because of a person's failure to appeal the assessment, the local administrative officer may apply to the appropriate court for a judgment and seek execution of the judgment, and the court, in such proceedings, shall treat a failure to appeal the assessment as a confession of judgment in the amount of the assessment;

(D) In assessing the civil penalty, the local administrative officer may consider the following factors:

(1) Whether the civil penalty imposed will be a substantial economic deterrent to the illegal activity;

(2) Damages to the pretreatment agency, including compensation for the damage or destruction of the facilities of the publicly owned treatment works, and including any penalties, costs and attorneys' fees incurred by the pretreatment agency as the result of the illegal activity, as well as the expenses involved in enforcing this section and the costs involved in rectifying any damages;

(3) Cause of the discharge or violation;

(4) The severity of the discharge and its effect upon the facilities of the publicly owned treatment works and upon the quality and quantity of the receiving waters;

(5) Effectiveness of action taken by the violator to cease the violation;

(6) The technical and economic reasonableness of reducing or eliminating the discharge; and

(7) The economic benefit gained by the violator.

(E) The local administrative officer may institute proceedings for assessment in the chancery court of the county in which all or part of the pollution or violation occurred, in the name of the pretreatment agency.

(iii) The local hearing authority may establish by regulation a schedule of the amount of civil penalty which can be assessed by the local administrative officer for certain specific violations or categories of violations.

(x) Assessments may be added to the user's next scheduled sewer

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service charge and the local administrative officer shall have such other collection remedies as may be available for other service charges and fees.

(b) Any civil penalty assessed to a violator pursuant to this section may be in addition to any civil penalty assessed by the commissioner for violations of Tennessee Code Annotated, § 69-3-115(a)(1)(F). However, the sum of penalties imposed by this section and by Tennessee Code Annotated, § 69-3-115(a) shall not exceed ten thousand dollars (\$10,000) per day for each day during which the act or omission continues or occurs.

- (4) Assessment for noncompliance with program permits or orders. (a) The local administrative officer may assess the liability of any polluter or violator for damages to the utility resulting from any person's or industrial user's pollution or violation, failure, or neglect in complying with any permits or orders issued pursuant to the provisions of the pretreatment program or this section.
- (b) If an appeal from such assessment is not made to the local hearing authority by the polluter or violator within thirty (30) days of notification of such assessment, the polluter or violator shall be deemed to have consented to the assessment, and it shall become final.
- (c) Damages may include any expenses incurred in investigating and enforcing the pretreatment program of this section, in removing, correcting, and terminating any pollution, and also compensation for any actual damages caused by the pollution or violation.
- (d) Whenever any assessment has become final because of a person's failure to appeal within the time provided, the local administrative officer may apply to the appropriate court for a judgment and seek execution on the judgment. The court, in its proceedings, shall treat the failure to appeal the assessment as a confession of judgment in the amount of the assessment.
- (5) Judicial proceedings and relief. The local administrative officer may initiate proceedings in the chancery court of the county in which the activities occurred against any person or industrial user who is alleged to have violated or is about to violate the pretreatment program, this section, or orders of the local hearing authority or local administrative officer. In the action, the local administrative officer may seek, and the court may grant, injunctive relief and any other relief available in law or equity.
- (6) Termination of discharge. In addition to the revocation of permit provisions in 202(2)(g) of this chapter, users are subject to termination of their wastewater discharge for violations, or a wastewater discharge permits, or orders issued hereunder, or for any of the following conditions:
- (a) Violation of wastewater discharge permit conditions.
- (b) Failure to accurately report the wastewater constituents and characteristics of its discharge.
- (c) Failure to report significant changes in operations or wastewater volume, constituents and characteristics prior to discharge.
- (d) Refusal of reasonable access to the user's premises for the purpose of

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inspection, monitoring or sampling.

(e) Violation of the pretreatment standards in the general discharge prohibitions in Section 109 of chapter 1.

(f) Failure to properly submit an industrial waste survey when requested by the pretreatment coordination Pretreatment Coordinator.

The user will be notified of the proposed termination of its discharge and be offered an opportunity to show cause, as provided in subsection (2)(c) above, why the proposed action should not be taken.

(7) Disposition of damage payments and penalties--special fund. All damages and/or penalties assessed and collected under the provisions of this section shall be placed in a special fund by the pretreatment agency and allocated and appropriated for the administration of its wastewater fund or combined water and wastewater fund.

(8) Levels of non-compliance

(a) Insignificant non-compliance: For the purpose of this guide, insignificant non-compliance is considered a relatively minor infrequent violation of pretreatment standards or requirements. These will usually be responded to informally with a phone call or site visit but may include a Notice of Violation (NOV).

(b) "Significant noncompliance." Per 0400-40-14-.08(6)(b)8.

(i) Chronic violations of wastewater discharge limits, defined here as those in which sixty-six percent or more of all of the measurements taken for each parameter taken during a six-month period exceed (by any magnitude) a numeric pretreatment standard or requirement, including instantaneous limit.

(ii) Technical Review Criteria (TRC) violations, defined here as those in which thirty-three percent or more of all of the measurements for each pollutant parameter taken during a six-month period equal or exceed the product of the numeric pretreatment standard or requirement, including instantaneous limits multiplied by the applicable TRC (TRC=1.4 for BOD, TSS fats, oils and grease, and 1.2 for all other pollutants except pH). TRC calculations for pH are not required.

(iii) Any other violation of a pretreatment standard or requirement (daily maximum of longer-term average, instantaneous limit, or narrative standard) that the WWF determines has caused, alone or in combination with other discharges, interference or pass through (including endangering the health of UTILITY personnel or the general public).

(iv) Any discharge of a pollutant that has caused imminent endangerment to human health, welfare or to the environment or has resulted in the WWF's exercise of its emergency authority under 205(1)(b)(i)(D), Emergency Order, to halt or prevent such a discharge.

(v) Failure to meet, within 90 days after the schedule date, a compliance schedule milestone contained in a local control mechanism or enforcement order for starting construction, completing construction, or attaining final compliance.

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(vi) Failure to provide, within 45 days after their due date, required reports such as baseline monitoring reports, 90-day compliance reports, periodic monitoring reports, and reports on compliance with compliance schedules.

(vii) Failure to accurately report noncompliance.

(viii) Any other violation or group of violations, which may include a violation of Best Management Practices, which the WWF determines will adversely affect the operation of implementation of the local pretreatment program.

(ix) Continuously monitored pH violations that exceed limits for a time period greater than 50 minutes or exceed limits by more than 0.5 s.u. more than eight times in four hours. Any significant non-compliance violations will be responded to according to the Enforcement Response Plan Guide Table (Appendix A).

(9.) Public Notice of the significant violations. The Pretreatment Coordinator shall publish annually, in a newspaper of general circulation that provides meaningful public notice within the jurisdictions served by the WWF, a list of the users which, at any time during the previous twelve (12) months, were in significant noncompliance with applicable pretreatment standards and requirements. The term significant noncompliance shall be applicable to all significant industrial users (or any other industrial user that violates paragraphs (C), (D) or (H) of this section) and shall mean:

(a) Chronic violations of wastewater discharge limits, defined here as those in which sixty-six percent (66%) or more of all the measurements taken for the same pollutant parameter taken during a six (6) month period exceed (by any magnitude) a numeric Pretreatment Standard or Requirement, including Instantaneous Limits;

(b) Technical Review Criteria (TRC) violations, defined here as those in which thirty-three percent (33%) or more of wastewater measurements taken for each pollutant parameter during a six (6) month period equals or exceeds the product of the numeric Pretreatment Standard or Requirement including Instantaneous Limits, multiplied by the applicable criteria (1.4 for BOD, TSS, fats, oils and grease, and 1.2 for all other pollutants except pH), TRC calculations for pH are not required;

(c) Any other violation of a pretreatment standard or requirement as defined by section 207 (daily maximum, long-term average, instantaneous limit, or narrative standard) that the Pretreatment Coordinator determines has caused, alone or in combination with other discharges, interference or pass through, including endangering the health of WWF personnel or the general public;

(d) Any discharge of a pollutant that has caused imminent endangerment to the public or to the environment, or has resulted in the Pretreatment Coordinator's exercise of its emergency authority to halt or prevent such a discharge;

(e) Failure to meet, within ninety (90) days of the scheduled date, a compliance schedule milestone contained in an individual wastewater discharge permit or enforcement order for starting construction, completing construction, or attaining final compliance;

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- (g) Failure to accurately report noncompliance; or
 - (h) Any other violation(s), which may include a violation of best management practices, which the Pretreatment Coordinator determines will adversely affect the operation or implementation of the local pretreatment program.
 - (i) Continuously monitored pH violations that exceed limits for a time period greater than 50 minutes or exceed limits by more than 0.5 s.u. more than eight times in four hours.
- (10) Criminal Penalties. In addition to civil penalties imposed by the local administrative officer and the State of Tennessee, any person who willfully and negligently violates permit conditions is subject to criminal penalties imposed by the State of Tennessee and the United States.

206. Enforcement response guide table.

- (1) Purpose. The purpose of this chapter is to provide for the consistent and equitable enforcement of the provisions of these regulations.
- (2) Enforcement Response Guide Table. The applicable officer shall use the schedule found in Appendix A to impose sanctions or penalties for the violation of these regulations.

207. Fees and billing.

- (1) Purpose. It is the purpose of this chapter to provide for the equitable recovery of costs from users of the utility's wastewater treatment system including costs of operation, maintenance, administration, bond service costs, capital improvements, depreciation, and equitable cost recovery of EPA administered federal wastewater grants.
- (2) Types of charges and fees. The charges and fees as established in the utility's schedule of charges and fees may include but are not limited to:
 - (a) Inspection fee and tapping fee;
 - (b) Fees for applications for discharge;
 - (c) Sewer use charges;
 - (d) Surcharge fees (see Table C);
 - (e) Waste Hauler Permit;
 - (f) Industrial wastewater discharge permit fees;
 - (g) Fees for industrial discharge monitoring; and
 - (h) Other fees as the utility may deem necessary.
- (3) Fees for application for discharge. A fee may be charged when a user or prospective user makes application for discharge as required by §202 of this chapter.
- (4) Inspection fee and tapping fee. An inspection fee and tapping fee for a building sewer installation shall be paid to the utility at the time the application is filed.
- (5) Sewer user charges.¹ The board shall establish monthly rates and charges for the

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use of the wastewater system and for the services supplied by the wastewater system.

- (6) Industrial wastewater discharge permit fees. A fee may be charged for the issuance of an industrial wastewater discharge fee in accordance with § 207 of this chapter.
- (7) Fees for industrial discharge monitoring. Fees may be collected from industrial users having pretreatment or other discharge requirements to compensate the utility for the necessary compliance monitoring and other administrative duties of the pretreatment program.
- (8) Administrative civil penalties. Administrative civil penalties shall be issued according to the following schedule. Violation are categorized in the Enforcement Response Guide Table (Appendix A). The local administrative officer may assess a penalty within the appropriate range. Penalty assessments are to be assessed per violation per day unless otherwise noted.

Category 1	No penalty
Category 2	\$50.00-\$500.00
Category 3	\$500.00-\$1,000.00
Category 4	\$1,000.00-\$5,000.00
Category 5	\$5,000.00-\$10,000.00

¹Such rates are reflected in administrative ordinances or resolutions, which are of record in the office of the utility recorder.

- (5) Sewer user charges.² The board shall establish monthly rates and charges for the use of the wastewater system and for the services supplied by the wastewater system.
- (6) Industrial wastewater discharge permit fees. A fee may be charged for the issuance of an industrial wastewater discharge fee in accordance with § 207 of this chapter.
- (7) Fees for industrial discharge monitoring. Fees may be collected from industrial users having pretreatment or other discharge requirements to compensate the utility for the necessary compliance monitoring and other administrative duties of the pretreatment program.
- (8) Administrative civil penalties. Administrative civil penalties shall be issued according to the following schedule. Violation are categorized in the Enforcement Response Guide Table (Appendix A). The local administrative officer may assess a penalty within the appropriate range. Penalty assessments are to be assessed per violation per day unless otherwise noted.

Category 1	No penalty
Category 2	\$50.00-\$500.00
Category 3	\$500.00-\$1,000.00
Category 4	\$1,000.00-\$5,000.00
Category 5	\$5,000.00-\$10,000.00

208. Validity. This chapter and its provisions shall be valid for all service areas, regions, and sewage works under the jurisdiction of the utility.

Utility Pretreatment Coordinator

Chairman of Water Utility

²Such rates are reflected in administrative ordinances or resolutions, which are of record in the office of the utility recorder.

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Time Frames for Enforcement Responses

Violations will be identified and documented generally within 5 days of receiving compliance information.

Failure of the Utility to notify the user does not relieve the user from penalties or enforcement action.

Initial enforcement response involving contact with the IU and requesting information on corrective or preventative actions will occur within 15 days of violation detected.

Follow up actions for continuing or recurring violations will be taken within 60 days if initial enforcement response.

For all continuing violations the response will include a compliance schedule.

Violations which threaten health, property or environmental quality are considered emergencies and will receive immediate response such as halting the discharge or terminating service.

All violations meeting the criteria for significant noncompliance will be addressed with an enforcement order within 30 days of the identification of the significant noncompliance.

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APPENDIX A

ENFORCEMENT RESPONSE GUIDE TABLE

DEFINITIONS

1. PS- Pretreatment Supervisor
2. MT- Manager of Treatment Facilities
3. M- Manager "Water Division
4. UB- Utility Board
5. IU-Industrial User
6. NOV- Notice of Violation
7. NTR – Notice to Resample
8. POTW- Publicly Owned Treatment Works (CU's Wastewater Treatment Facility)
9. Technical Review Criteria (TRC) Violation-33 percent or more of all of the measurements taken during a 6-month period equal or exceed the product of the daily average maximum limit including instantaneous limits or the average limit times the applicable TRC (TRC = 1.4 for BOD, TSS, fats, oils and grease, and 1.2 for all other pollutants except pH).
10. Chronic Violations-66 percent or more of all of the measurements taken during a 6-month period exceed (by any magnitude) the daily maximum limit or the average limit for the same pollutant parameter.
11. Significant Noncompliance - See City Municipal Code – Title 18, Chapter 1, Section 18-113(F).
12. Enforcement Monitoring - a sampling event conducted daily over, or (for batch discharges) representative of, a period of (3) three consecutive working days of discharge. Enforcement monitoring will be conducted every other week of operation.

ENFORCEMENT RESPONSE GUIDE TABLE

Noncompliance	Nature of the Exceedance/Violation	Enforcement Response	Personnel
<p>Unauthorized Discharges (No Permit). 1. Unpermitted Discharge</p>	<p>IU unaware of requirements; no harm to POTW/environment.</p>	<p>Phone call; NOV with application form attached to be submitted within 30 calendar days. Application deadline to be specified in the NOV. An extension may be granted only for Wastewater characterization section of application.</p>	PS,MT
	<p>IU unaware of requirements; harm to POTW/environment evident.</p>	<p>Cease-and-Desist Order requiring IU to halt exceedance(s) immediately or terminate discharge altogether. Issuance of a Compliance Order requiring submittal of a permit application within 30 calendar days and assessing any penalties or recovery of damages and costs.</p>	MT,M
	<p>IU has not submitted permit application by deadline</p>	<p>Termination of service and civil litigation or criminal investigation.</p>	M,UB
	<p>IU has not submitted permit application by deadline</p>	<p>NOV for missed deadline. Require submittal within 15 calendar days or further enforcement action will be pursued.</p>	PS,MT

ENFORCEMENT RESPONSE GUIDE TABLE

Noncompliance	Nature of the Exceedance/Violation	Enforcement Response	Personnel
	IU has not submitted application with 15 calendar days of date specified in NOV.	Show-Cause Order assessing a penalty per day of exceedance and requiring the IU to appear before the manager to show cause as to why further enforcement should not be pursued. Penalty to be assessed from the 16th day forward.	MT,M
	Failure to submit permit application continues more than 60 days after receipt of NOV by the IU.	Civil litigation.	M,UB
Discharge Limit Exceedance	1. Exceedence of local or Federal Discharge Limit. Exceed one or more daily or average parameter(s) by less than a factor of 3.0.(Except pH)	NTR detailing exceedance and requiring corrective action within 30 business days. Enforcement monitoring to begin and continue for a period of at least 30 days 1st occurrence, 60 days 2nd consecutive occurrence for same parameter.	PS,MT
	Exceed one or more daily or average parameter limit(s) by a factor of 3.0 or more (Except pH).	NOV detailing exceedance and requiring correction within 30 business days. Penalties may be assessed by Compliance Order or Agreed Order for each day of violation. Enforcement monitoring to begin and continue for a period of at least 60 days.	MT,M

ENFORCEMENT RESPONSE GUIDE TABLE

Noncompliance	Nature of the Exceedance/Violation	Enforcement Response	Personnel
	Chronic and/or TRC Violation as defined by EPA. (Except pH).	Show-Cause Order assessing a penalty per exceedance and requiring the IU to appear before the manager to show cause why further enforcement should not be pursued. Further action (if warranted) will be addressed in a Compliance Order or Agreed Order	MT,M
	Exceedences of any daily or average parameter limit(s) by more than a factor of 10 (1,000%). No harm to POTW/environment. (Except pH).	Show-Cause Order requiring the IU to appear before the manager to show cause why further enforcement should not be pursued. The order also requires the IU to make every possible effort to limit the amount and concentration of the pollutant. Further actions (if warranted) including a penalty per day per exceedance will be addressed in a Compliance or Agreed Order. Enforcement monitoring to begin and continue for a period of at least 60 days.	MT,M
	Discharge pH <5.0 or > 10.5 for any length of time	NTR detailing exceedance and requiring a response within 30 days which outlines steps taken to prevent exceedance in the future. Enforcement monitoring to begin and continue for a period of at least 30 days.	PS,MT

ENFORCEMENT RESPONSE GUIDE TABLE

Noncompliance	Nature of the Exceedance/Violation	Enforcement Response	Personnel
	Report is late by fewer than 30 calendar days.	NOV.	PS,MT
	Report is late 30 calendar days or more.	Informal meeting between the IU and the Assistant Manager. NOV requiring report submittal no later than 45 days from the original report deadline.	PS,MT
	Report is late 45 calendar days or more.	Show-Cause assessing a penalty per day of exceedance and requiring the IU to appear before the manager to show cause why further enforcement should not be pursued.	MT,M
	Report is late 60 calendar days or more.	Compliance Order requiring IU to submit the required report within 15 calendar days. Any penalty is to be assessed for each day past the 60th day deadline.	MT,M
	Report is late 90 calendar days or more.	Civil litigation.	UB
	Failure to report spills or changed discharge (no harm to the POTW or environment).	NOV and Compliance Order requiring the IU to develop and implement a spill prevention plan by a specified deadline.	PS,MT
	Failure to report spill or changed discharge (harm to POTW or environment).	Cease-and-Desist Order requiring IU to halt the illegal discharge immediately or terminate its discharge altogether. Issuance of an Agreed Order or Compliance Order assessing a penalty per day of violation and addressing costs borne by the Utility.	MT,M

ENFORCEMENT RESPONSE GUIDE TABLE

Noncompliance	Nature of the Exceedance/Violation	Enforcement Response	Personnel
	Repeated failure to report spills.	Show--Cause Order assessing a penalty per incidence and requiring the IU to appear before the Manager to show cause why further enforcement should not be pursued.	MT,M
2. Falsification	First Occurrence.	Show-Cause Order requiring IU to appear before the Assistant Manager to show cause why enforcement action should not be pursued.	PS,MT
	Subsequent occurrences.	Termination of service or civil litigation or criminal investigation.	UB
3. Failure to Monitor Correctly	Failure to monitor all pollutants as required by IU's permit.	Informal meeting with IU to review required sampling and reporting.	PS
	Failure to monitor all pollutants as required by IU's permit (second occurrence).	NOV requiring complete sampling and analysis with report due no later than 30 calendar days from receipt of NOV.	PS,MT
	Reoccurring failure to monitor properly (third occurrence).	Show-Cause Order assessing a penalty for each incidence and requiring the IU to appear before the Manager to show cause why further enforcement should not be pursued.	MT,M
4. Improper Sampling (Incorrect Location, Sample Type, or Collection Technique).	No evidence of intent (first violation).	NOV explaining correct procedure and requiring proper sampling for the next self-monitoring report.	PS,MT
	Improper sampling continues (second violation).	Informal meeting with IU to review proper sampling criteria.	PS,MT

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ENFORCEMENT RESPONSE GUIDE TABLE

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Noncompliance	Nature of the Exceedance/Violation	Enforcement Response	Personnel
	Evidence of intent. (Failure to properly sample after informal meeting is viewed as evidence of intent).	Show-Cause Oder assessing a penalty for each incidence. Order requires IU to appear before the Manager to show cause why further enforcement should not be pursued.	MT,M
Compliance Violations			
1. Failure to Install Monitoring Equipment as Required by IU's Permit or Order.	Missed final installation deadline.	NOV requiring complete installation within 30 calendar days of receipt of NOV.	PS,MT
	Noncompliance with NOV (delay of more than 30 calendar days).	Compliance Order requiring final installation by a specified deadline. Assessment of a daily	MT,M

ENFORCEMENT RESPONSE GUIDE TABLE

Noncompliance	Nature of the Exceedance/Violation	Enforcement Response	Personnel
	Missed interim milestone date by more than 30 days and will affect final compliance deadline.	Show-Cause Order requiring IU to appear before the Manager to show cause why further enforcement should not be pursued. Must result in a revised Compliance Order.	MT,M
	Missed interim milestone date by more than 90 days.	Civil litigation	UB
3. Missed Final Compliance Deadline	Failure to comply with Administrative Order.	Compliance Order assessing a penalty per day past the final compliance deadline and requiring immediate compliance. Civil litigation should be pursued if IU has not complied within 30 calendar days of the original final compliance deadline.	MT,M
Other Violations			
1. Waste Streams are Diluted	Dilution of regulated wastestreams with non-polluted water.	NOV citing regulatory prohibition against dilution and requiring correction within 30 calendar days of receipt of the NOV.	PS,MT
	Recurring violations (dilution continues to occur after NOV).	Informal meeting with IU to review ordinance prohibitions. Issuance of a Compliance Order with deadline for correction. Termination of service or civil litigation or criminal investigation.	PS,MT,UB
2. Failure to Mitigate Noncompliance or Halt Production	Failure to reduce the severity of violation(s) and/or Halt Production	Civil prosecution seeking an injunction to halt discharge. Termination of service if potential for POTW/environment harm is evident.	M,UB
	Violations Detected During a Site Investigation		

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ENFORCEMENT RESPONSE GUIDE TABLE

Noncompliance	Nature of the Exceedance/Violation	Enforcement Response	Personnel
1. Entry Denial	Entry Denial of consent withdrawn. Copies of records denied.	Obtain warrant and return to IU.	PS,MT
2. Illegal Discharge [Violation of EPA General Prohibited Discharge Standards (40 CFR 403.5 (a) and (b))]	No harm to POTW or environment. No interference or pass-through at the POTW.	NOV explaining the General Prohibited Discharge Standards as contained in 40 CFR (Code of Federal Regulations) 403.5 (a) and (b).	PS,MT
	Discharge causes harm, pass-through, and/or interference.	Cease-and-Desist Order requiring the IU to halt the exceedance immediately or terminate the discharge altogether. Issuance of a Compliance Order assessing any penalties and/or costs the Board deems appropriate.	MT,M
3. Improper Sampling	Sampling at incorrect location, using improper technique, or wrong sample type (unintentional).	NOV explaining correct procedure or location	PS,MT
4. Inadequate Record keeping	Inspector finds incomplete or missing (no evidence of intent).	NOV explaining the required record keeping and documentation.	PS,MT
	Resuming	Compliance Order requiring proper maintenance of records. Assessment of penalty to be based on severity of exceedance.	MT,M
5. Failure to Report Additional Monitoring	Inspector finds additional files.	NOV.	PS,MT
	Reoccurring (considerable falsification).	Compliance Order requiring submittal of all additional monitoring. Assessment of a penalty to be based on the severity of the violation. Termination of service and civil litigation or criminal investigation.	MT,M, UB

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**TABLE A
PLANT PROTECTION CRITERIA**

PARAMETER	MAXIMUM CONCENTRATION mg/L
BOD	350.932
TSS	368.789
Arsenic	0.048
Copper	0.260
Chromium III	0.250
Chromium VI	0.250
Chromium	0.250
Nickel	0.250
Cadmium	0.018
Lead	0.100
Mercury	0.002
Zinc	0.290
Molybdenum	0.100
Selenium	0.078
Silver	0.029
Cyanide	0.100
Toluene	0.214
Benzene	0.013
1,1,1-Trichloroethane	0.250
Ethylbenzene	0.040
Carbon Tetrachloride	1.500
Chloroform	0.224
Tetrachloroethylene	0.139
Trichloroethylene	0.100
1,2 Transdichloroethylene	0.008
Methylene chloride	0.096
Phenol	0.455
Naphthalene	0.013
Bis(2-ethyl hexyl) phthalate	
Butyl benzyl phthalate	
Di-n-butyl phthalate	
Diethyl phthalate	

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Total Phthalate	0.170
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**TABLE B
LOCAL LIMITS – MAXIMUM LIMITS, MG/L**

PARAMETER	MONTHLY AVERAGE mg/L
Arsenic	0.199
Copper	1.108
Chromium III	#
Chromium VI	#
Chromium	1.107
Nickel	1.089
Cadmium	0.071
Lead	0.441
Mercury	0.007
Zinc	1.089
Molybdenum	0.443
Selenium	0.313
Silver	0.114
Cyanide	0.441
Toluene	0.947
Benzene	0.048
1,1,1-Trichloroethane	1.114
Ethybenzene	0.169
Carbon Tetrachloride	6.732
Chloroform	0.973
Tetrachloroethylene	0.607
Trichlorethylene	0.446
1,2 Transdichloroethylene	0.025
Methylene chloride	0.279
Phenol	1.822
Naphthalene	<0.005
Bis(2-ethyl hexyl) phthalate	*
Butyl benzyl phthalate	*

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Di-n-butyl phthalate	*
Diethyl phthalate	*
Total Phthalate	0.616

#Monitor & Report

*Based on 24-hour flow proportional composite samples unless specified otherwise.

NEW VALUES CALCULATED .900MGD

**TABLE C
SURCHARGES AND THRESHOLDS**

PARAMETER	SURCHARGE LIMITS, MG/L	MAXIMUM CONCENTRATION mg/L
Oil and Grease	40	80 mg/l
BOD	300	600 mg/l
Suspended Solids	300	600 mg/l

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APPENDIX D

CITY SOLICITOR'S STATEMENT

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Appendix D

(Date)

Laurel Rognstad, State Pretreatment Coordinator
Division of Water Resources
William R. Snodgrass Tennessee Tower, 11th Floor
312 Rosa L. Parks Avenue
Nashville, TN 37243

Dear Ms. Rognstad

I am the attorney for the Hartsville/Trousdale County Water Utility Board (“the Board”) and the following statement is submitted pursuant to the requirements contained in the Code of Federal Regulations (CFR) Section 403.9(b)(1) regarding legal authority for the Board to implement the Board’s Pretreatment Program.

It is my opinion that the Board has adequate authority to carry out the program described in 40 CFR Section 403.8, based on authority granted to it by: Article 15.09 of the Charter of the Hartsville/Trousdale County Government, Chapter 3 of Title 8 of the Town of Hartsville’s Official Code, Public Ordinance #2-79 and Public Ordinance 3-84.

The following references to the legal authority requirements of 40 CFR 403.8(f)(1) are correlated with appropriate sections of the Board’s General Wastewater Regulations, which provide the required authority. Where the authority is not apparent from a reading of the provision of the regulations, an explanation is provided.

General -- Section 101 of the Board’s regulations provides, that all connections of lateral or other sewer lines to the sewerage system of the Board’s service area, whether within or without any **urban services**, shall be made subject to such terms and conditions as the Board may prescribe. Pursuant to this authority the Board has adopted its Ordinance No. 3-84 setting forth the terms and conditions upon which industrial users may connect to the system.

403.8(f)(1)(i) -- New contributions to the public sewerage system may not be made without an industrial user first obtaining a Sewer Use Permit Section 101 (7) which may contain various conditions and prohibitions Section 109(1). Existing industrial users (those connected to the system prior to (Date) shall be required by the Engineer to obtain a Sewer Use Permit (Section 109(1)). If there has been an increase or change in an industrial user to the system, the discharger is required to reapply for a to cover those changes (Section 202(2)(c)) and the

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Engineer may change the conditions of any Sewer Use Permit as circumstances may require (Section 202(2)(e); 109(1); 201(8))

403.8(f)(1)(ii) -- In order to require compliance with applicable Pretreatment Standards, the Board must be able to require compliance with EPA's listed general prohibitions (403.5(a)), specific prohibitions (403.5(b)), and local limits developed to implement the general and specific standards (403.6). Section 102 & 109 of the regulations prohibits any discharge to a sewer which will result in a nuisance, or contamination or pollution of receiving waters. Section 109 prohibits conditions which violate any statute, rule, regulation, or ordinance of any public agency (including EPA). Section 109 prohibits those discharges prohibited by EPA regulations. These three sections empower the Board to enforce the general and specific prohibitions contained in 40 CFR 403.5(a) and (b). When local discharge limits are developed pursuant to 403.5(c) and (d), they may be imposed by the Engineer as a permit condition pursuant to Section 201(4,5); 202(2)(c) of the regulations. National categorical pretreatment standards may also be imposed as a permit condition per Section 204(1) of the regulations, which empowers the Engineer to regulate discharges regulated by EPA.

403.8(f)(1)(iii) -- The Board has control via a permit system authorized by Section 102 of the regulations (a permit application form appears in Appendix A of the Board's Pretreatment Program).

403.8(f)(1)(iii)(A) The Board permit is issued for a specified time period, not to exceed five (5) years. A permit may be issued for a period less than a year or may be stated to expire on a specific date by Section 202(2)(e) of the regulations.

403.8(f)(1)(iii)(B) -- The Board permit may not be transferred without, at minimum, prior notification to the POTW and provision of a copy of the existing control mechanism to the new owner or operator per Section 202(2)(f) of the regulations.

403.8(f)(1)(iii)(C) The Board permit will contain effluent limits, per Section 109 of the regulations, based on applicable general pretreatment standards in 40 CFR 403, categorical pretreatment standards, local limits, and State and local law.

403.8(f)(1)(iii)(D) -- The Board permit contains self-monitoring, sampling, reporting, notification, and recordkeeping requirements including an identification of the pollutants to be monitored, sampling location, sampling frequency, and sample type, based on the applicable general pretreatment standards in 40 CFR 403, categorical pretreatment standards, local limits, and State and local laws required by Section 202(2)(c)(i)(D) of the regulations.

403.8(f)(1)(iii)(E) -- The Board permit contains a statement of applicable civil and criminal penalties for violation of pretreatment standards and requirements, and any applicable compliance schedule per Section 202(2)(c)(i)(E) of the regulations.

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403.8(D)(1)(iv)(A) The Board's Engineer may, to remedy or avoid a violation of the regulations or sewer use permit, require a user to develop a compliance schedule for installation of control technology under Section 102 of the regulations. Additionally, the Engineer may require a compliance schedule as part of the required information under Section 102 as a condition of obtaining a Sewer Use Permit.

403.8(f)(1)(iv)(B) --The Board's Engineer may require a user to submit all notices and self-monitoring reports required by EPA regulations through authority granted in Section 202 (2)(c) and Section 204 of the regulations.

403.8(f)(1)(v) -- The Board's Engineer may carry out inspection, surveillance, and monitoring procedures and shall have the authority to enter the premises of any industrial user in which a discharge source or treatment system is located or in which records are required to be kept to assure compliance with pretreatment standards under authority granted in Section 203(1) and Section 202(2)(c) of the regulations.

403.8(f)(1)(vi)(A) -- The Board may seek remedies for noncompliance with pretreatment standards and requirements. As a matter of general law, the Board may seek injunctive relief for noncompliance since any such noncompliance might result in irreparable harm to the treatment plant, to the health and safety of plant workers, and to the environment; and since damages at law would not begin adequate remedy. Section 205(3) of the regulations provides that intentional violation of the ordinance is a misdemeanor which is punishable by a fine not to exceed \$10,000, imprisonment not to exceed 180 days, or both. Additionally, a civil liability is imposed by Section 205(8) of the regulations for intentional or negligent violation of the Board's requirements relating to (1) pretreatment of industrial waste which would otherwise be detrimental to the treatment works or its operation, and (2) the prevention of entry of such waste into the collection system or treatment works. The civil liability may equal a sum not to exceed \$10,000 per day per violation.

403.8(f)(1)(vi)(B)--The Board's Engineer may, under Section 206(2) of the regulations, temporarily suspend a Sewer Use Permit or impose temporary restrictions on discharges where continued discharges would jeopardize the ability of the treatment system to meet water quality standards, threaten damage to the sewage system, or cause a nuisance or an unsafe condition to occur. Usually, a 48-hour period must pass before a suspension of restriction is effective. The waiting period may be dispensed with in emergency situations relating to public health and safety or a significant impairment of the treatment process. Section 206(2) of the regulations requires compliance with restrictions or cessation of discharges at the effective time of such action.

403.8(f)(1)(vii) -- Confidentiality requirements are provided for in Section 202(3) of the regulations, "Confidentiality of Information".

As stated above, the Board will implement the requirements of its pretreatment program and apply pretreatment standards to individual industrial users through use of a sewer use permit system, and by direct enforcement of its sewer use ordinance. A description of the exact procedures to be used in implementing the pretreatment program is provided in the Program [Type here]

Procedures portion of the Board's Pretreatment Program.

The Board intends to ensure compliance with pretreatment standards and requirements through an inspection and sampling program authorized under Section 203(5) of the regulations, which would allow for the determination of noncompliance with discharge limitations and requirements independent of information supplied by the industrial user. The inspection and sampling program is described in the Program Procedures portion of this submission.

Those violating permit conditions may be ordered to "Cease and Desist" (Section 205(1)(iv)(b)(i)(B) of the regulations and are subject to having service terminated (and their permit revoked (Section 205(1)(iv)(b)(i)(B)). The Board is prepared to take court action where necessary to enforce compliance with its ordinance, permits, or orders.

Very truly yours,

Betty Lou Taylor

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UPDATE ACTIVITY NO.7

A. Determination of Monitoring Frequency

The operations and activities that occur at the industrial user will determine the frequency and type of inspections conducted at the facility.

B. Monitoring Facilities

Permittee shall install a suitable control manhole together with such necessary meters and other appurtenances to facilitate observation, sampling, and measurement of wastes. Such manhole, when required by the local Administrative Officer, shall be accessibly and safely located, and shall be constructed in accordance with plans approved by the local Administrative Officer.

Monitoring facilities that are required to be installed shall be constructed and maintained at the permittee's expense. The purpose of the facility is to enable inspection, sampling, and flow measurements of wastewater produced by the permittee. If sampling or metering equipment is also required by the Local Administrative Officer, it shall be provided and installed at the permittee's expense.

C. Monitoring Results

Self-monitoring discharge reports must be signed and certified by a principal corporate executive of at least the level of vice-president, a general partner or proprietor, or a principal municipal executive officer or ranking elected official, or his duly authorized representative.

D. Sample Handling & Preservation

All handling and preservation of collected samples and laboratory analysis of samples shall be performed in accordance with 40 CFR Part 136 and amendments thereto unless specified otherwise in the monitoring conditions of this permit.

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REPORTING REQUIREMENTS

A. Monitoring Reports

Monitoring results obtained shall be summarized and reported on a Monitoring Report form to Hartsville Water & Sewer monthly. These reports are due on or before the 15th day of the first month following the sampling month. The months are as follows:

<u>Test Date</u>	<u>Due Date</u>
January-March	April 15 th
April-June	July 15 th
July-September	October 15 th
October-December	January 15 th

The report shall indicate the nature and concentration of all pollutants in the effluent for which sampling and analysis were performed. It shall also include information showing the measured average daily flow in gallons per day to the POTW from regulated process streams.

If the permittee monitors any pollutants more frequently than required by this permit, using test procedures prescribed in 40 CFR Part 136 or amendments thereto, or otherwise approved by EPA or as specified in this permit, the results of such monitoring shall be included in any calculations of actual daily maximum or monthly average pollutant discharge and shall be reported in the monthly report submitted to Hartsville Water & Sewer.

B. Automatic Re-sampling

If sampling performed by the permittee indicates that a violation of this permit has occurred, the permittee must:

1. contact the Hartsville Water & Sewer WWTP at 615-374-3484 of the violation within 24 hours; and
2. repeat the sampling and pollutant analysis, and submit in writing the results of the repeat analysis within 30 days of the first violation.

C. Notification of Changed Discharge

The permittee shall notify the Hartsville Water & Sewer WWTP in advance of any of the following changes in the User's wastewater discharge to the POTW:

1. substantial changes in any characteristics of the User's wastewater discharge including volume of flow
2. the amount or concentration of regulated (under categorical standards or local limits), or unregulated pollutants;

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3. the discharge of new pollutants not previously reported to the Hartsville Water & Sewer System.

D. Notification of Additional Change(s)

The permittee shall notify the Hartsville Water & Sewer of any change in the manufacturing and/or pretreatment process used by the permittee.

E. Accidental Discharge Report

The permittee shall notify Hartsville Water & Sewer immediately upon the occurrence of an accidental discharge of substances prohibited in this permit (Discharge Regulations) or any slug loads, spills or unanticipated bypasses that may enter the public sewer. The wastewater treatment plant can be notified of any accidental discharge or bypass by calling 615-374-3484. The notification shall include location of discharge, date, and time thereof, type of waste including concentration and volume, and corrective actions taken. The permittee's notification of accidental releases in accordance with this section does not relieve it of other reporting requirements that arise under local, State, or Federal laws.

Within 5 days following an accidental discharge or bypass, the permittee shall submit to the Hartsville Water & Sewer WWTP a detailed written report. The report shall specify:

1. description and cause of the upset, slug load, accidental discharge or bypass, the cause thereof, and the impact on the permittee's compliance status. The description should also include location of discharge, type, concentration, and volume of waste.
2. duration of noncompliance, including exact dates and times of noncompliance, and if the noncompliance is continuing, the time by which compliance is reasonably expected to occur.
3. all steps taken to reduce, eliminate, and/or prevent recurrence of such an upset, slug load, accidental discharge, bypass or other conditions of noncompliance.

All reports required by this permit shall be submitted to the Hartsville Water & Sewer at the following address:

Hartsville Water & Sewer
Wastewater Treatment Plant
20 Water Plant Lane
Hartsville, Tennessee 38464
Attention: Pretreatment Coordinator

F. Slug Control Plan

The permittee shall have a slug control plan outlining procedure necessary to prevent or minimize the potential for any accidental or slug discharge into the sewer system. It shall

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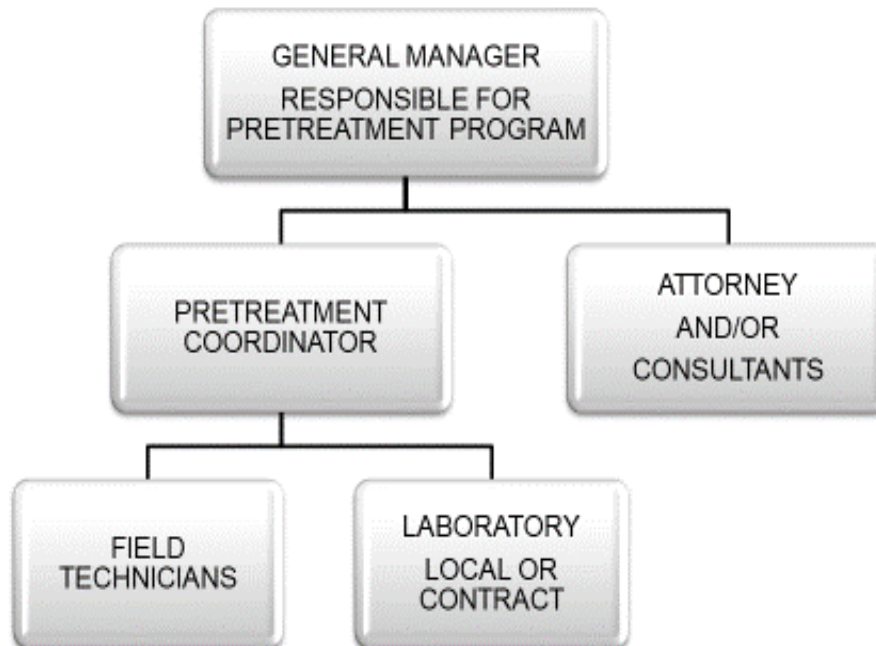
provide detailed plans of the facilities and operating procedures and be updated annually to include any changes of procedures and contact information.

G. Notification of Hazardous Waste Discharge

If the permittee commences to discharge hazardous waste, the Hartsville Water & Sewer, EPA Regional Water Management Division Director, and State hazardous waste authorities shall be notified in writing, of any discharge to the POTW of a substance which, if otherwise disposed of, would be a hazardous 1 waste under 40 CFR Part 261.

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HARTSVILLE PRETREATMENT PROGRAM ORGANIZATIONAL CHART



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