

TITLE 18**WATER AND SEWERS¹****CHAPTER**

1. WATERWORKS AND SEWAGE SYSTEMS.
2. WATER AND SEWER SERVICE.
3. GENERAL WASTEWATER REGULATIONS.
4. INDUSTRIAL/COMMERCIAL WASTEWATER REGULATIONS.
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CHAPTER 1**WATERWORKS AND SEWAGE SYSTEMS****SECTION**

- 18-101. Ownership and operation of a waterworks and sewage systems.
18-102. Supervision and control.

18-101. Ownership and operation of a waterworks and sewage systems. Pursuant to the general laws of the State of Tennessee, the City of McEwen shall operate a waterworks system and a sewage collection and treatment system. (1970 Code, § 13-101)

18-102. Supervision and control. In lieu of the election or appointment of a board of commissioners or other board of oversight, the supervision and control of the construction and operation of the works shall be formed by and shall be under the authority of the board of mayor and aldermen of the City of McEwen who shall have all of the powers, duties and responsibilities imposed upon any such board of commissioners or of oversight under state law. The mayor shall be the chief executive officer of such systems. (1970 Code, § 13-102)

¹Municipal code references

Building, utility and housing codes: title 12.

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CHAPTER 2

WATER AND SEWER SERVICE

SECTION

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18-201. Application and scope. The chapter is a part of all contracts for receiving water and sewer service from the municipality and shall apply whether the service is based upon contract, agreement, signed application, or otherwise. (1970 Code, § 13-201)

18-202. Application and contract for service. Each prospective customer desiring water or sewer service will be required to sign a standard form contract before service is supplied. If, for any reason, a customer, after signing a contract for water or sewer service, does not take the service by reason of not occupying the premises or otherwise, he shall reimburse the municipality

for the expense incurred by reason of its endeavor to furnish such service.

The receipt of a prospective customer's application for service, regardless of whether or not accompanied by a deposit, shall not obligate the municipality to render the service applied for. If the service applied for cannot be supplied in accordance with this chapter, and general practice, the liability of the municipality to the applicant for such service shall be limited to the return of any deposit made by such applicant. (1970 Code, § 13-202)

18-203. Service charges for temporary service. Customers requiring temporary service shall pay all costs for connection and disconnection incidental to the supplying and removing of service in addition to the regular charge for water used. (1970 Code, § 13-203)

18-204. Water connections and meter settings. (1) All service lines for water will be laid by the municipality from the water main to the property line and meters set at the expense of the applicant for service. The location of such lines and meters will be determined by the municipality.

(2) Before a service line connection will be laid and a meter set inside or outside the city limits where a service line and meter are not already installed, the applicant for service shall pay to city in advance a fee of one thousand five hundred dollars (\$1,500.00) for the connection. This fee shall be used to defray the cost of laying the new service line and installing the appurtenant meter and equipment, but upon installation all of which remains the sole property of the city.

(3) When a service line is completed, the municipality shall be responsible for the maintenance and upkeep of such service line from the main to and including the meter and meter box, and such portion of the service line shall belong to the municipality. The remaining portion of the service line beyond the meter box shall belong to and be the responsibility of the customer. (1970 Code, § 13-204, as amended by Ord. #189, Oct. 1997, Ord. #204, May 2000, Ord. #253, Dec. 2008, and Ord. #260, Oct. 2010)

18-205. Sewer connections. Unless otherwise prohibited by law or regulations or by any moratorium imposed on the city for extending a new connection, any person, association, firm, corporation or other entity desiring to connect with the existing public sewer system where such public sewer abuts with and is adjacent to the applicant's property shall first apply to the municipality and fill out the application form required by the city from time to time. Each such application shall be accompanied by a non-refundable connection fee in the amount of one thousand five hundred dollars (\$1,500.00) payable to the city to defray the cost incurred by the city in making such connection. All connections made pursuant to this section shall be made by municipal employees or by a contractor employed by the city and shall be extended from the public sewer main to the applicant's private property line.

This section shall have no application to mains that are being extended pursuant to § 18-206 of this code and all connections to mains being extended pursuant to § 18-206 shall be made in accordance with § 18-206. (1970 Code, § 13-205, as replaced by Ord. #292, April 2016)

18-206. Main extensions. (1) Any person, firm, or corporation within the municipality desiring to have water and/or sewerage service made available to a particular area or subdivision and to be served by the water and/or sewerage system of the municipality shall:

(a) At own expense prepare detailed plans and specifications of the distribution system in conformance with the regulations of the municipality.

(b) Secure the approval of the plans and specifications in writing from the city engineer.

(c) Secure bids from competent and reliable contractors for the furnishing of materials, labor, and services necessary for the construction of the distribution system.

(d) At own expense, construct the distribution system in accordance with the specifications in a good workmanlike manner and furnish all materials, labor, and services therefor.

(e) Furnish to the municipality evidence that all bills and charges for labor and materials and other services used in the construction have been paid.

(f) Furnish to the municipality a written statement from the city engineer that the installation conforms to all specifications and that he has approved it.

(g) Transfer and convey, by a written instrument, the distribution system, when completed, to the municipality free from all liens of every kind.

(2) If the entire cost of construction and installation of such system is approved by the city engineer, and if it is conveyed and transferred to the municipality free from all liens and encumbrances, and if the applicant keeps and performs his agreements and undertakings as set forth above, then

(a) The municipality will permit the system to be connected onto its distribution system and will furnish water and/or sewerage service to each customer within the area or subdivision after the installation of a municipally owned water meter for each service.²

(b) The municipality will charge for water and/or sewerage service at the rates currently being charged other customers in similar locations. (1970 Code, § 13-206)

²See § 18-204 of this code.

18-207. Meters. At least one water meter shall be required for each dwelling, building, garage apartment, mobile home, etc., regardless of its use, and the person designated as being responsible for payment of the charges, both water and sewerage, shall be responsible to the municipality for all water consumed and also for the sewerage charges.

Meters and meter settings must be accessible at all times and not covered with rubbish or material of any kind. No one other than an authorized agent of the municipality shall be permitted to repair, adjust, remove, or replace any meter or any part thereof.

The consumer shall be responsible for damage to meters and/or meter settings where such damage is caused by a change in grade of the lot or by carelessness or negligence of the consumer or his agent or employee or any member of his family, such consumer will be billed for the actual cost of repair or replacement and such bill shall be paid within ten (10) days from the date of the mailing thereof. If such bill is not paid within ten (10) days the city may resort to the collection procedures provided in § 18-212. (1970 Code, § 13-207)

18-208. Meter tests. The municipality will, at its own expense, make routine tests of meters when it considers such tests desirable.

In testing meters, the water passing through a meter will be weighed or measured at various rates of discharge and under varying pressures. To be considered accurate, the meter registration shall check with the weighed or measured amounts of water within the percentage shown in the following table:

<u>Meter Size</u>	<u>Percentage</u>
5/8", 3/4", 1", 2"	2%
3"	3%
4"	4%
6"	5%

The municipality will also make tests or inspections of its meters at the request of the customer. However, if a test required by a customer shows a meter to be accurate within the limits stated above, the customer shall pay a meter testing charge in the amount stated in the following table:

<u>Meter Size</u>	<u>Test Charge</u>
5/8", 3/4", 1"	\$2.00
1-1/2", 2"	5.00
3"	8.00
4"	12.00
6" and over	20.00

If such test shows a meter not to be accurate within such limits, the cost of such meter test shall be borne by the municipality. (1970 Code, § 13-208)

18-209. Relocation of meters. If any meter is relocated on application of and to suit the convenience of the consumer or where relocation of the meter is required because of change in grade of lot, each relocation and setting shall be made by the municipality at the expense of the consumer. The bill rendered to the consumer for the expense thereof shall be paid within ten (10) days from the date of mailing such bill and if not paid within said ten (10) days the municipality may collect the bill as provided in § 18-212. (1970 Code, § 13-209)

18-210. Service deposits. (1) In addition to payment of all water and sewer connection fees if required to be paid by a consumer for premises where no existing service connections exist, a consumer of water and sewer services from the city shall deposit with the city in cash as security for payment of service to be rendered as follows:

(a) By an owner of the fee simple title to the premises, by a holder of an estate for life thereto, or by a beneficiary in possession of the premises under a trust arrangement thereon, the amount of fifty dollars (\$50.00).

(b) By any other applicant including, but not limited to, a tenant, lessee, renter or other permissive user of the premises, the amount of two hundred dollars (\$200.00).

(c) When the city determines that usage at the premises for domestic, industrial or commercial purposes will require or result in substantial use of a larger quantity of water than used by an average residential consumer, the city may require a larger security deposit which may be in cash, by acceptable payment surety bond or by irrevocable pledge of a bank certificate of deposit.

(2) Deposits shall be applied in payment of current monthly bills and such deposit shall in no wise affect the municipality's rights arising from non-payment of bills as provided in this chapter.

(3) The municipality will refund the deposit upon written notice to discontinue and upon receipt of payment in full for water metered and for use of the sewerage system to such consumer. No interest shall be payable by the city on any deposit made pursuant hereto. (1970 Code, § 13-210, as amended by Ord. #178, Dec. 1995, and Ord. #260, Oct. 2010)

18-211. Schedule of rates and charges for water and sewer services. (1) The rates and charges per month for the use of the water and sewer services rendered by the water works and sewer systems of the city shall be in accordance with the following rates and charges:

(a) For water service rendered to premises inside the corporate limits:

(i) To a single family dwelling or residential duplex for domestic household use and to churches:

For the first 1,500 gallons or fraction thereof \$18.77
 For the next 1,000 gallons or fraction thereof \$ 4.96
 For each additional 1,000 gallons or fraction thereof \$ 5.12

(ii) To commercial premises, schools, apartment houses, and governmental facilities:

For the first 1,500 gallons or fraction thereof \$26.34
 For the next 1,000 gallons or fraction thereof \$ 5.83
 For each additional 1,000 gallons or fraction thereof \$ 6.01

(iii) To industrial premises:

For the first 1,500 gallons or fraction thereof \$32.17
 For the next 1,000 gallons or fraction thereof \$ 5.83
 For each additional 1,000 gallons or fraction thereof \$ 6.01

(b) For water service rendered to premises outside the corporate limits:

(i) To a single family dwelling or residential duplex for domestic household use and to churches:

For the first 1,500 gallons or fraction thereof \$26.66
 For the next 1,000 gallons or fraction thereof \$ 7.45
 For each additional 1,000 gallons or fraction thereof \$ 7.67

(ii) To commercial premises, schools, apartment houses, and governmental facilities:

For the first 1,500 gallons or fraction thereof \$26.34
 For the next 1,000 gallons or fraction thereof \$ 5.83
 For each additional 1,000 gallons or fraction thereof \$ 6.01

(iii) To industrial premises:

For the first 1,500 gallons or fraction thereof \$32.17
 For the next 1,000 gallons or fraction thereof \$ 5.83
 For each additional 1,000 gallons or fraction thereof \$ 6.01

(c) For sewer service rendered to premises inside or outside the corporate limits for the classifications of customers as provided in subsections (1)(a) and (1)(b) the rate charged for sewer service shall be calculated at one hundred forty-five percent (145%) of the amount charged to the user for water service rendered to the premises.

(d) Charges rendered to a user of municipal water and sewer services are deemed to be the net amount due therefor if paid in full on or before the fifteenth (15th) day of the month following the month in which the services are rendered. If not so promptly paid a gross amount due for such services shall be one hundred fifteen percent (115%) of the net amount due.

An amount equal to one hundred percent (100%) of the charges for water used by the consumer during the billing period.

The charges rendered to a consumer in accordance with the foregoing rates shall be considered the net amount due to the city for the services rendered provided they are paid on or before the 15th day of the

month following the month in which the services are rendered. If not paid on or before the 15th day of the month following the month in which the services are rendered then the amount of the charges for the services shall be due in a gross amount which shall be equal to the amount due based on the foregoing rates plus ten percent (10%) thereof.

An amount equal to one hundred and fifteen percent (115%) of the charges for water used by the consumer during the billing period.

The charges rendered to a consumer in accordance with the foregoing rates shall be considered the net amount due to the city of the services rendered provided they are paid on or before the 15th day of the month following the month in which the services are rendered. If not paid on or before the 15th day of the month following the month in which the services are rendered then the amount of the charges for the services shall be due in a gross amount which shall be equal to the amount due based on the foregoing rates plus ten percent (10%) thereof.

(2) The owner, tenant, or occupant of each lot or parcel of land which abuts upon a street, public way or other land containing a sanitary sewer, the elevation of which lot will permit a connection with such sanitary sewer and upon which lot or parcel of building or buildings are situated for residential, commercial or other use are hereby required to pay the sewer charge from and after the effective date of this chapter. (1970 Code, § 13-211, as amended by Ord. #260, Oct. 2010, Ord. #265, June 2011, Ord. #273, June 2012, Ord. #284, July 2015, and Ord. #295, June 2016 *Ch5_6-9-20*)

18-212. Meter reading, billing, and enforcement. (1) Meters will be read and the consumer billed jointly for the water and sewerage each month. All bills shall be payable at the city hall.

(2) The municipality's meter reading agent or other properly authorized employee shall have access at all reasonable hours to the premises supplied with water, for the purpose of reading, inspecting, repairing or removing meters.

(3) Charges for water and sewer services shall be billed jointly and shall be payable at the same time. The municipality will not accept payment of the water charge unless the sewer charge, if any, is paid at the same time. Such refusal to make payment of either charge shall be deemed failure on the part of the user to pay both charges. If charges for water or sewer services are not paid in full on or before the twenty-fifth (25th) day of the month following the month in which the services were rendered all water and/or sewer services shall be discontinued to the premises until all delinquent charges have been paid in full together with all applicable re-connection fees and deposit requirements.

(4) If a check delivered to the city for payment of water or sewer services or in payment of any other required fee or deposit is returned by the bank on which drawn unpaid for any reason the consumer of the services or obligor for the fee or deposit shall pay to the city the amount thereof and in

addition shall pay a returned check charge of thirty dollars (\$30.00) within five (5) days of notice of such return as a condition for continuation of service.

(5) If a customer requests a meter to be re-read to verify billing charges the customer shall pay a fee in advance of twenty dollars (\$20.00). If the re-reading results there was an error in the billing that was made then such fee shall be credited to the customers billing account.

(6) Customers having rental property who request that water service be turned off and turned on for cleaning and maintenance of the property there shall be a charge paid in advance of ten dollars (\$10.00) for each action requested.

(7) If a customer requests that water service be turned on or turned off outside of regular business hours of the city or on Saturdays, Sundays, and municipal holidays there shall be paid a fee of forty dollars (\$40.00) for each action in addition to the fee otherwise required to be paid for such service pursuant to this title. (1970 Code, § 13-212, as amended by Ord. #260, Oct. 2010, Ord. #273, June 2012, and Ord. #290, Dec. 2015)

18-213. Termination of service by the consumer. The consumer or property owner shall notify the municipality of the time the served property becomes vacant. Otherwise, the consumer or property owner shall be responsible for any damage to the property of the municipality and for all water metered and for use of the sewerage system to such property up until receipt of such vacancy notice.

The municipality will presume service is being rendered from the time water is turned on at the request of the consumer until the consumer or property owner gives it written notice to discontinue the service and charges will be made accordingly. (1970 Code, § 13-213)

18-214. Discontinuance or refusal of service. If service has been discontinued for non-payment of bills or for any violations of this chapter, service to such consumer will not be resumed by the municipality until the unpaid bill or bills have been paid in full and/or the violation of any of the provisions of this chapter has ceased or been eliminated. (1970 Code, § 13-214)

18-215. Re-connection charge. Water shall not be turned into any water line for any purpose by anyone except an authorized employee of the municipality. (1970 Code, § 13-215, as amended by Ord. #171, June 1995, and replaced by Ord. #290, Dec. 2015)

18-216. Municipality not compelled to construct lines. The provisions of this chapter shall in no way be construed as requiring the municipality to construct water mains and sewer mains on streets, alleys, or on private property where such mains are not already laid. (1970 Code, § 13-216)

18-217. Inspections. The municipality shall have the right, but shall not be obligated, to inspect any installation or plumbing system before water or sewer service is furnished or at any later time. The municipality reserves the right to refuse service or to discontinue service to any premises not meeting standards fixed by municipal ordinances regulating building and plumbing, or not in accordance with any special contract, these rules and regulations, or other requirements of the municipality.

Any failure to inspect or reject a customer's installation or plumbing system shall not render the municipality liable or responsible for any loss or damage which might have been avoided had such inspection or rejection been made. (1970 Code, § 13-217)

18-218. Customer's responsibility for system's property. Except as herein elsewhere expressly provided, all meters, service connections, and other equipment furnished by or for the municipality shall be and remain the property of the municipality. Each customer shall provide space for and exercise proper care to protect the property of the municipality on his premises. In the event of loss or damage to such property arising from the neglect of a customer to properly care for same, the cost of necessary repairs or replacements shall be paid by the customer. (1970 Code, § 13-218)

18-219. Customer's responsibility for violations. Where the municipality furnishes water or sewer service to a customer, such customer shall be responsible for all violations of these rules and regulations which occur on the premises so served. Personal participation by the customer in any such violations shall not be necessary to impose such personal responsibility on him. (1970 Code, § 13-219)

18-220. Supply and resale of water. All water shall be supplied within the municipality exclusively by the municipality, and no customer shall, directly or indirectly, sell, sublet, assign, or otherwise dispose of the water or any part thereof except with written permission from the municipality. (1970 Code, § 13-220)

18-221. Unauthorized use of or interference with water supply. No person shall turn on or turn off any of the municipality's stop cocks, valves, hydrants, spigots, or fire plugs without permission or authority from the municipality. (1970 Code, § 13-221)

18-222. Limited use of unmetered private fire line. Where a private fire line is not metered, no water shall be used from such line or from any fire hydrant thereon, except to fight fire or except when being inspected in the presence of an authorized agent of the municipality.

All private fire hydrants shall be sealed by the municipality, and shall be

inspected at regular intervals to see that they are in proper condition and that no water is being used therefrom in violation of these rules and regulations. When the seal is broken on account of fire, or for any other reason, the customer taking such service shall immediately give the municipality a written notice of such occurrence. (1970 Code, § 13-222)

18-223. Damages to property due to water pressure. The municipality shall not be liable to any customer for damages caused to his plumbing or property by high pressure, low pressure, or fluctuations in pressure in the municipality's water or sewer mains. (1970 Code, § 13-223)

18-224. Liability for cutoff failures. The municipality's liability shall be limited to the forfeiture of the right to charge a customer for water that is not used but is received from a service line under any of the following circumstances:

(1) After receipt of at least ten (10) days' written notice to cut off water service, the municipality has failed to cut off such service.

(2) The municipality has attempted to cut off a service but such service has not been completely cut off.

(3) The municipality has completely cut off a service but subsequently the cutoff develops a leak or is turned on again so that water enters the customer's pipes from the municipality's main.

Except to the extent stated above, the municipality shall not be liable for any loss or damage resulting from cutoff failures. If a customer wishes to avoid possible damage for cutoff failures, the customer shall rely exclusively on privately owned cutoffs and not on the municipality's cutoff. Also, the customer (and not the municipality) shall be responsible for seeing that his plumbing is properly drained and is kept properly drained, after his water service has been cut off. (1970 Code, § 13-224)

18-225. Restricted use of water. In times of emergencies or in times of water shortage, the municipality reserves the right to restrict the purposes for which water may be used by a customer and the amount of water which a customer may use. (1970 Code, § 13-226)

18-226. Interruption of service. The municipality will endeavor to furnish continuous water service, but does not guarantee to the customer any fixed pressure or continuous service. The municipality shall not be liable for any damages for any interruption of service whatsoever.

In connection with the operation, maintenance, repair, and extension of the municipal water system, the water supply may be shut off without notice when necessary or desirable, and each customer must be prepared for such emergencies. The municipality shall not be liable for any damages from such interruption of service or for damages from the resumption of service without

notice after any such interruption. (1970 Code, § 13-225)

18-227. Limited abatement of sewer use charge - swimming pools.

(1) Residential patrons of the municipal waterworks also receiving municipal sewer service will be allowed not more than once in any calendar year to fill an on-premises residential swimming pool and receive a commensurate abatement of charges for sewer use to those premises as hereinafter set forth.

(2) To obtain this special dispensation the residential swimming pool shall have:

(a) An operationally capable and functioning commercial filtering system;

(b) Be free of an impermissible cross-connection as defined in chapter 4 of title 18 of the McEwen Municipal Code; and

(c) Be free of an unrepaired leak at the time of filling.

(3) To obtain a dispensation the patron shall:

(a) File a written request therefor with the recorder paying a non-refundable inspection fee of twenty-five dollars (\$25.00);

(b) Not commence a filling operation until:

(i) A municipal employee of the water and wastewater treatment department has been on the premises and inspected the facilities to determine that no cross-connection exists and that the swimming pool is then empty and after which has filed a report with the recorder that the swimming pool is empty and that no possible cross-connection exists; and

(ii) The recorder has issued to the patron in writing a notice to proceed.

(4) After receiving the notice to proceed the swimming pool must be filled within an immediate period thereafter not to exceed forty-eight (48) hours. When so completed the patron will notify the recorder that the filling has been completed. The recorder will then cause a reinspection to be performed by the water and wastewater treatment department to verify the timely completion of the refilling.

(5) Upon such satisfactory completion the recorder is authorized to thereafter abate from the patron's sewer use charges a dollar amount of sewer use charges equivalent to the water consumption used to fill the swimming pool. Such consumption amount will be based on the actual volume capacity of the swimming pool or the volume capacity calculated based on the patron's average volume of water usage for the previous three (3) billing cycles.

(6) If during this filling process there is an accidental run over of water all water used will be charged to the patron without an abatement of charges.

(7) A leak occurring in the swimming pool once it has been filled due to an rupture of the vessel causing a sudden loss of the water volume may in the discretion of the city be grounds to waive the onetime seasonal limitation on the abatement of charges credit, but no refilling will be approved until the rupture

has been satisfactorily corrected. A slow leakage or natural evaporation resulting in loss of water volume in the swimming pool will not qualify for participation by the patron in this abatement of charges program.

(8) The water and wastewater department will maintain a current list of all above and below ground swimming pools and will make periodic on-site inspections to assure compliance with all cross-connection regulations. (as added by Ord. #288, Oct. 2015)

18-228. Limited abatement of sewer use charges - water pipe leaks. A consumer/patron of the municipal wastewater system will be granted relief from metered monthly charges by abatement of some or all of monthly sewer use charges incurred by the consumer/patron subject to the following terms and criteria:

(1) The consumer/patron must promptly submit a request in writing to the city recorder for such relief setting forth the details and reason therefor. The request must be supported by a detailed written statement by the person or firm making repairs reciting the nature and location of the leaking or ruptured pipe; the date and details of the repairs conducted; certifying that the water consumed as a result of the leak or rupture did not enter the municipal wastewater system; and that repairs were completed and the cost therefor paid.

(2) On submission of such request with the required documentation the Recorder will analyze the previous three (3) months of usage to the premises where the leak or ruptured pipe occurred. The previous three (3) months of usage will be averaged.

(3) With approval and concurrence of the mayor the city recorder is authorized to abate so much of the monthly sewer use charge for that billing month to an amount equal to lesser of that sewer use charge for that month or the average of the sewer use charges at the premises for the previous three (3) months of usage.

(4) Such abatement will be granted for only one (1) month in any calendar year.

(5) A consumer/patron aggrieved by a denial of the requested abatement may at the meeting of the board of mayor and aldermen next occurring next after such denial present the request for review by the board of the propriety of the denial. Relief from a denial will be granted only by a vote of not less than four (4) aldermen.

(6) A denial by the city recorder of an abatement will not relieve the customer/patron from payment in full of the billing statement as stated and for which relief is requested. If after appearance and presentation of the grievance to the board an abatement is granted the amount of the abatement will be refunded. Failure of the customer/consumer to appear and present the request to the board will be deemed a waiver of the consideration of the request and the action of the city recorder will not be further considered by the board except on

adoption of a motion to reconsider agreed by not less than five (5) aldermen. (as added by Ord. #297, March 2017 *Ch5_6-9-20*)

CHAPTER 3

GENERAL WASTEWATER REGULATIONS

SECTION

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18-301. Purpose and policy. This chapter sets forth uniform requirements for users of the City of McEwen, Tennessee, wastewater treatment system and enables the city 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 city 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 City of McEwen 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 city who are, by

implied contract or written agreement with the city, dischargers of applicable wastewater to the wastewater treatment facility. Chapter 4 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 4 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. (1970 Code, § 8-201, as replaced by Ord. #237, Nov. 2005, and Ord. #263, May 2011)

18-302. Administrative. Except as otherwise provided herein, the mayor shall serve as local administrative officer of the city and shall administer, implement, and enforce the provisions of this chapter. The board of mayor and aldermen shall serve as the local hearing authority. (1970 Code, § 8-202, as replaced by Ord. #237, Nov. 2005, and Ord. #263, May 2011)

18-303. 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 Pollution Control.

(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 (1) 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 paragraphs (a)-(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 city.

(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 § 18-309 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 twenty (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 as found in 40 CFR chapter I, subchapter N, parts 405-471.

(9) "City." The Board of Mayor and Aldermen, City of McEwen, Tennessee.

(10) "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.

(11) "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 city's NPDES permit for its wastewater treatment works where sewer works have been designed and used to reduce or remove such pollutants.

(12) "Composite sample." A sample composed of two (2) or more discrete samples. The aggregate sample will reflect the average water quality covering the compositing or sample period.

(13) "Control authority." The term "control authority" shall refer to the

"approval authority," defined herein above; or the local hearing authority if the city has an approved pretreatment program under the provisions of 40 CFR 403.11.

(14) "Cooling water." The water discharge from any use such as air conditioning, cooling, or refrigeration, or to which the only pollutant added is heat.

(15) "Customer." Any individual, partnership, corporation, association, or group who receives sewer service from the city under either an express or implied contract requiring payment to the city for such service.

(16) "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 highest value tested during a twenty-four (24) hour calendar day.

(17) "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.

(18) "Direct discharge." The discharge of treated or untreated wastewater directly to the waters of the State of Tennessee.

(19) "Domestic wastewater." Wastewater that is generated by a single family, apartment or other 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.

(20) "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.

(21) "Garbage." Solid wastes generated from any domestic, commercial or industrial source.

(22) "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 twenty-four (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.

(23) "Grease interceptor." An interceptor whose rated flow is fifty (50) gallons per minute (50 g.p.m.) or less and is generally located inside the building.

(24) "Grease trap." An interceptor whose rated flow is fifty (50) gallons per minute (50 g.p.m.) or more and is located outside the building.

(25) "Holding tank waste." Any waste from holding tanks such as vessels, chemical toilets, campers, trailers, septic tanks, and vacuum-pump tank trucks.

(26) "Incompatible pollutant." Any pollutant which is not a "compatible pollutant" as defined in this section.

(27) "Indirect discharge." The introduction of pollutants into the WWF from any non-domestic source.

(28) "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).

(29) "Industrial wastes." Any liquid, solid, or gaseous substance, or combination thereof, or form of energy including heat, resulting from any process of industry, manufacture, trade, food processing or preparation, or business or from the development of any natural resource.

(30) "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.

(31) "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.

(32) "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.

(33) "Local administrative officer." The chief administrative officer of the local hearing authority.

(34) "Local hearing authority." The board of mayor and aldermen or such person or persons appointed by the board to administer and enforce the provisions of this chapter and conduct hearings pursuant to § 18-405.

(35) "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.

(36) "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.

(37) "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 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

(38) "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.

(39) "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.

(40) "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.

(41) "pH." The logarithm (base 10) of the reciprocal of the concentration of hydrogen ions expressed in grams per liter of solution.

(42) "Pollution." The man-made or man-induced alteration of the chemical, physical, biological, and radiological integrity of water.

(43) "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).

(44) "Pretreatment or treatment." The reduction of the amount of pollutants, the elimination of pollutants, or the alteration of the nature of pollutant properties in wastewater to a less harmful state prior to or in lieu of discharging or otherwise introducing such pollutants into a POTW. The reduction or alteration can be obtained by physical, chemical, biological processes, or process changes or other means, except through dilution as prohibited by 40 CFR section 403.6(d).

(45) "Pretreatment coordinator." The person designated by the local administrative officer or his authorized representative to supervise the operation of the pretreatment program.

(46) "Pretreatment requirements." Any substantive or procedural requirement related to pretreatment other than a national pretreatment standard imposed on an industrial user.

(47) "Pretreatment standards or standards." A prohibited discharge standard, categorical pretreatment standard and local limit.

(48) "Publicly Owned Treatment Works (POTW)." A treatment works as defined by section 212 of the Act, (33 U.S.C. § 1292) which is owned in this instance by the municipality (as defined by section 502(4) of the Act). This definition includes any devices and systems used in the storage, treatment, recycling and reclamation of municipal sewage or industrial wastes of a liquid nature. It also includes sewers, pipes and other conveyances only if they convey wastewater to a POTW treatment plant. The term also means the municipality as defined in section 502(4) of the Act, which has jurisdiction over the indirect discharges to and the discharges from such a treatment works. See WWF, Wastewater Facility, found in definition number 63, below.

(49) "Shall" is mandatory; "May" is permissive.

(50) "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 twenty-five thousand (25,000) gallons per day or more of process wastewater to the WWF (excluding sanitary, non-contact cooling and boiler blowdown wastewater); contributes a process wastestream which makes up five percent (5%) or more of the average dry weather hydraulic or organic capacity of the POTW treatment plant; or is designated as such by the control authority as defined in 40 CFR 403.12(a) 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 (in accordance with 40 CFR 403.8(f)(6)).

(51) "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 (66%) or more of all of the measurements taken for each parameter taken during a six (6) 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 (33%) or more of all of the measurements for each pollutant parameter taken during a six (6) 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 exercise of its emergency authority under § 18-405(1)(b)(i)(D), emergency order, to halt or prevent such a discharge.

(e) Failure to meet, within ninety (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 forty-five (45) days after their due date, required reports such as baseline monitoring reports, ninety (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 fifty (50) minutes or exceed limits by more than 0.5 s.u. more than eight (8) times in four (4) hours.

(52) "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.

(53) "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.

(54) "State." The State of Tennessee.

(55) "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 superintendent.

(56) "Storm water." Any flow occurring during or following any form of natural precipitation and resulting therefrom.

(57) "Superintendent." The local administrative officer or person designated by him to supervise the operation of the publicly owned treatment works and who is charged with certain duties and responsibilities by this chapter, or his duly authorized representative.

(58) "Surcharge." An additional fee assessed to a user who discharges compatible pollutants at concentrations above the established surcharge limits. Surcharge limits are the level at which the permit holder will be billed higher rates to offset the cost of treating wastewater which exceeds the surcharge limits. Exceeding a surcharge limit but not a monthly average or daily maximum limit will not result in enforcement action.

(59) "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.

(60) "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.

(61) "Twenty-four (24) hour flow proportional composite sample." A sample consisting of several sample portions collected during a twenty-four (24) hour period in which the portions of a sample are proportioned to the flow and combined to form a representative sample.

(62) "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 levies a sewer charge on the basis of such availability, Tennessee Code Annotated, § 68-221-201.

(63) "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.

(64) "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. WWF was formally known as a POTW, or Publicly Owned Treatment Works.

(65) "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.

(66) "0400-40-14." Chapter 0400-40-14 of the Rules and Regulations of the State of Tennessee, Pretreatment Requirements. (1970 Code, § 8-203, as replaced by Ord. #237, Nov. 2005, and Ord. #263, May 2011, and amended by Ord. #296, Oct. 2016 *Ch5_6-9-20*)

18-304. Proper waste disposal required. (1) It shall be unlawful for any person to place, deposit, or permit to be deposited in any unsanitary manner on public or private property within the service area of the city, any human or animal excrement, garbage, or other objectionable waste.

(2) It shall be unlawful to discharge to any waters of the state within the service area of the city any sewage or other polluted waters, except where suitable treatment has been provided in accordance with provisions of this chapter or city or state regulations.

(3) Except as herein provided, it shall be unlawful to construct or maintain any privy, privy vault, cesspool, or other facility intended or used for the disposal of sewage.

(4) Except as provided in (6) below, the owner of all houses, buildings, or properties used for human occupancy, employment, recreation, or other purposes situated within the service area in which there is now located or may in the future be located a public sanitary sewer, is hereby required at his expense to install suitable toilet facilities therein, and to connect such facilities

directly with the proper private or public sewer in accordance with the provisions of this chapter. Where public sewer is available property owners shall within sixty (60) days after date of official notice to do so, connect to the public sewer. Service is considered "available" when a public sewer main is located in an easement, right-of-way, road or public access way which abuts the property.

(5) Discharging into the sanitary sewer without permission of the city is strictly prohibited and is deemed "theft of service."

(6) Where a public sanitary sewer is not available under the provisions of (4) above, the building sewer shall be connected to a private sewage disposal system complying with the provisions of § 18-305 of this chapter.

(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) Users have a duty to comply with the provisions of this chapter in order for the city to fulfill the stated policy and purpose. Significant industrial users must comply with the provisions of this chapter and applicable state and federal rules according to the nature of the industrial discharge. (1970 Code, § 8-204, as replaced by Ord. #237, Nov. 2005, and Ord. #263, May 2011)

18-305. Private domestic wastewater disposal. (1) Availability.

(a) Where a public sanitary sewer is not available under the provisions of § 18-304(4), the building sewer shall be connected, until the public sewer is available, 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 at all times, at no expense to the city. When it becomes necessary to clean septic tanks, the sludge may be disposed of only according to applicable federal and state regulations.

(c) Where a public sewer becomes available, the building sewer shall be connected to said sewer within sixty (60) days after date of official notice from the city to do so.

(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 which 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 city and the county health department. (1970 Code, § 8-205, as replaced by Ord. #237, Nov. 2005, and Ord. #263, May 2011)

18-306. Connection to public sewers. (1) Application for service.

(a) There shall be two (2) classifications of service;

(i) Residential and

(ii) 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 city. Applicants for service to commercial and industrial establishments shall be required to furnish information about all waste producing activities, wastewater characteristics and constituents. The application shall be supplemented by any plans, specifications or other information considered pertinent in the judgment of the superintendent. Details regarding commercial and industrial permits include but are not limited to those required by this chapter. Service connection fees for establishing new sewer service are paid to the city. Industrial user discharge permit fees may also apply. The receipt by the city of a prospective customer's application for connection shall not obligate the city to render the connection. If the service applied for cannot be supplied in accordance with this chapter and the city'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 city to the applicant for such service.

(b) Users shall notify the city 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 city 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 this chapter shall be completely and

permanently disconnected within sixty (60) days of the effective day of this chapter. The owners of any building sewer having such connections, leaks or defects shall bear all of 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 city shall make all connections to the public sewer upon the property owner first submitting a connection application to the city.

The connection application shall be supplemented by any plans, specifications or other information considered pertinent in the judgment of the superintendent. A service connection fee shall be paid to the city 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 city 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 city from any loss or damage that may directly or indirectly be occasioned by the installation of the building sewer.

(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 is subdivided and buildings use a common building sewer are now located on separate properties, the building sewers must be separated within sixty (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 superintendent to meet all requirements of this chapter. All others may be sealed to the specifications of the superintendent.

(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").

(iii) Building sewers shall be laid on the following grades: Four inch (4") sewers - one-eighth inch (1/8") per foot.

Larger building sewers shall be laid on a grade that will

produce a velocity when flowing full of at least two feet (2') 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 feet (5') 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 forty-five degrees (45°). Additional cleanouts shall be placed not more than seventy-five feet (75') apart in horizontal building sewers of six inch (6") nominal diameter and not more than one hundred feet (100') 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 "Y" (wye) and 1/8 bend shall be used for the cleanout base. Cleanouts shall not be smaller than four inches (4"). 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 city 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 flexible neoprene adapters with stainless steel bands of a type approved by the superintendent. 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 § 18-307 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 city 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 superintendent 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 city.

(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 superintendent or his authorized representative.

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

(4) Maintenance of building sewers. (a) Each individual property owner shall be entirely responsible for the construction, maintenance, repair or replacement of the building sewer as deemed necessary by the superintendent to meet specifications of the city. 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 superintendent up to and including discontinuation of water and sewer service.

(b) The city 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.

(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 city. In the absence of policies and procedures the expansion or extension of the public sewer must be approved in writing by the superintendent or manager of the wastewater collection system. All plans and construction must follow the latest edition of Tennessee Design Criteria for S e w e r a g e W o r k s , l o c a t e d a t <http://www.state.tn.us/environment/wpc/publications/>.

Contractors must provide the superintendent 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 (1) 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 superintendent or manager. The superintendent or manager must give written approval to the contractor to acknowledge transfer of ownership to the city. Failure to construct or repair lines to acceptable standards could result in denial or discontinuation of sewer service. (1970 Code, § 8-206, as replaced by Ord. #237, Nov. 2005, and Ord. #263, May 2011)

18-307. 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 city.

(1) **Equipment requirements.** (a) Septic tanks shall be of water tight construction and must be approved by the city.

(b) Pumps must be approved by the city and shall be maintained by the city.

(2) **Installation requirements.** Location of tanks, pumps, and effluent lines shall be subject to the approval of the city. Installation shall follow design criteria for STEP and GP systems as provided by the superintendent.

(3) **Costs.** STEP and GP equipment for new construction shall be purchased and installed at the developer's, homeowner's, or business owner's expense according to the specification of the city and connection will be made to the city sewer only after inspection and approval of the city.

(4) **Ownership and easements.** Homeowners or developers shall provide the city with ownership of the equipment and an easement for access to perform necessary maintenance or repair. Access by the city to the STEP and GP system must be guaranteed to operate, maintain, repair, restore service, and remove sludge. Access manholes, ports, and electrical disconnects must not be locked, obstructed or blocked by landscaping or construction.

(5) **Use of STEP and GP systems.** (a) Home or business owners shall follow the STEP and GP users guide provided by the superintendent.

(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.

(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.

(6) Tank cleaning. Solids removal from the septic tank shall be the responsibility of the city. However, pumping required more frequently than once every five (5) years shall be billed to the homeowner.

(7) Additional charges. The city shall be responsible for maintenance of the STEP and GP equipment. Repeat service calls for similar problems shall be billed to the homeowner or business at a rate of no more than the actual cost of the service call including but not limited to transportation, labor, materials, excavation, subcontractors, engineering fees, cleanup expenses, and other expenses related to the service call. In addition if the city receives regulatory fines related to equipment failure and sewage overflows all such fines will be passed on to the user. (1970 Code, § 8-207, as replaced by Ord. #237, Nov. 2005, and Ord. #263, May 2011)

18-308. Regulation of holding tank waste disposal or trucked in waste. (1) No person, firm, association or corporation shall haul in or truck in to the WWF any type of domestic, commercial or industrial waste unless such person, firm, association, or corporation obtains a written approval from the city 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 superintendent when the conditions of this chapter have been met and providing the superintendent 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 an annual service charge to the city to be set as specified in § 18-407 of this title. Any such permit granted shall be for a specified period of time, and shall continue in full force and effect from the time issued until the expiration date, unless sooner revoked, and shall be nontransferable. The number of the permit granted hereunder shall be plainly painted in three inch (3") permanent letters on each side of each motor vehicle used in the conduct of the business permitted hereunder.

(3) Designated disposal locations. The superintendent 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 superintendent 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 superintendent. 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 City of McEwen.

(5) Trucked in waste. This part includes waste from trucks, railcars, barges, etc., or temporally pumped waste, all of which are prohibited without a permit issued by the superintendent. This approval may require testing, flow monitoring and record keeping. (1970 Code, § 8-208, as replaced by Ord. #237, Nov. 2005, and Ord. #263, May 2011)

18-309. 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 or not the user is subject to national categorical pretreatment standards or any other national, state, or local pretreatment standards or requirements. Violations of these general and specific prohibitions or the provisions of this section or other pretreatment standard may result in the issuance of an industrial pretreatment permit, surcharges, discontinuance of water and/or sewer service and other fines and provisions of § 18-310 or § 18-405. 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, or may be, 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, wastestreams with a closed cup flash point of less than one thousand four hundred Fahrenheit (1,400 F) or six hundred Celsius (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 other flammable substances.

(b) Any wastewater having a pH less than 5.5 or higher than 9.5 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 forty degrees Celsius (40° C one hundred four degrees Fahrenheit (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 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 superintendent 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 stormwater, surface water, groundwater, roof runoff, subsurface drainage, uncontaminated cooling water, or unpolluted industrial process waters to any sanitary sewer. Stormwater 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 superintendent and the Tennessee Department of Environment and Conservation. Industrial cooling water or unpolluted process waters may be discharged on approval of the superintendent and the Tennessee Department of Environment and Conservation, 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 4 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.

(3) Restrictions on wastewater strength. No person or user shall discharge wastewater which exceeds the set of standards provided in Table A - Plant Protection Criteria, unless specifically allowed by their discharge permit according to chapter 4 of this title. Dilution of any wastewater discharge for the purpose of satisfying these requirements shall be considered in violation of this chapter.

Table A Plant Protection Criteria

Parameter	Maximum Concentration (mg/l)
Arsenic	0.100
Benzene	0.01875
Cadmium	0.00873
Carbon Tetrachloride	1.500
Chloroform	0.22368
Chromium III	0.250
Chromium IV	0.01528
Copper	0.14262
Cyanide	0.01368
Ethybenzene	0.040
Lead	0.1205
Mercury	0.00021
Methylene chloride	0.09615
Naphthalene	0.0125
Nickel	0.23965
Total Phenol	0.11364
Silver	0.02941
Tetrachloroethylene	0.13889
Toluene	0.375
Total Phthalate	0.16974
Trichlorethlene	0.100
1,1,1-Trichloroethane	0.250
1,2 Transdichloroethylene	0.00075
Zinc	0.290

(4) 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 superintendent, 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 superintendent, 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 superintendent 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 superintendent 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 superintendent the user continues to impact the collection system and treatment plant, additional pretreatment may be required, including a requirement to meet numeric limits and have surcharges 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 superintendent 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 one half inch (1/2") 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 engineering standards or applicable city 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 city 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 city. Nothing in this subsection shall be construed to prohibit or restrict any other remedy the city has under this chapter, or state or federal law. The city 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 city is prohibited.

(g) The superintendent may use industrial wastewater discharge permits under § 18-402 to regulate the discharge of fat, oil and grease. (as added by Ord. #237, Nov. 2005, replaced by Ord. #263, May 2011, and amended by Ord. #296, Oct. 2016 *Ch5_2-9-20*)

18-310. Enforcement and abatement. Violators of these wastewater regulations may be cited to city court, general sessions court, chancery court, or other court of competent jurisdiction face fines, have sewer service terminated or the city 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 4. Repeated or continuous violation of this ordinance 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 superintendent that a violation has or is occurring, the user shall immediately take steps to stop or correct the violation.

The city may take any or all the following remedies:

(1) Cite the user to city or general sessions court, where each day of violation shall constitute a separate offense.

(2) In an emergency situation where the superintendent 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 superintendent 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, including if applicable legal costs, 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. (as added by Ord. #237, Nov. 2005, and replaced by Ord. #263, May 2011)

18-311. – 18-359. [Deleted]. (as added by Ord. #237, Nov. 2006, and deleted by Ord. #263, May 2011)

CHAPTER 4

INDUSTRIAL/COMMERCIAL WASTEWATER REGULATIONS

SECTION

- 18-401. Industrial pretreatment.
- 18-402. Discharge permits.
- 18-403. Industrial user additional requirements.
- 18-404. Reporting requirements.
- 18-405. Enforcement response plan.
- 18-406. Enforcement response guide table.
- 18-407. Fees and billing.
- 18-408. Validity.

18-401. Industrial pretreatment. In order to comply with Federal Industrial Pretreatment Rules 40 CFR 403 and Tennessee Pretreatment Rules 1200-4-14 and to fulfill the purpose and policy of this title the following regulations are adopted.

(1) User discharge restrictions. All system users must follow the General and Specific discharge regulations specified in § 18-309 of this title.

(2) Users wishing to discharge pollutants at higher concentrations than Table A Plant Protection Criteria of § 18-309, 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 § 18-405.

(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 be in effect or take effect after the passage of this chapter.

Table B -- Local Limits

Pollutant	Monthly Maximum (mg/l)	Average* Concentration
Arsenic	0.615	
Benzene	0.124	
Cadmium	0.0439	
Carbon Tetrachloride	10.12	
Chloroform	1.494	
Chromium III	1.6275	
Chromium IV	0.07314	
Copper	0.902685	
Cyanide	0.067	
Ethylbenzene	0.267	
Lead	0.7983	
Mercury	0.0008175	
Methylene chloride	0.634	
Napthalene	0.069	
Nickel	1.5576	
Phenol	0.46707	
Silver	0.1685	
Tetrachloroethylene	0.934	
Toluene	2.516	
Total Phthalate	1.047	
Trichloroethylene	0.672	
1,1,1-Trichloroethane	1.684	
1,2 Transdichloroethylene	0.048	
Zinc	1.7055	

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

Table C--Surcharge and Maximum Limits

<u>Parameter</u>	<u>Surcharge Limit</u>	<u>Maximum Concentration</u>
Ammonia	15 mg/L	35 mg/L
Oil and Grease	50 mg/L	150 mg/L
BOD	300 mg/L	700 mg/L
Suspended Solids	300 mg/L	700 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, the pretreatment coordinator shall initiate technical studies to determine the cause of the influent violation and shall recommend to the city 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 superintendent 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 and/or the United States Environmental Protection Agency.

(9) Combined wastestream formula. When wastewater subject to categorical pretreatment standards is mixed with wastewater not regulated by the same standard, the permitting authority may impose an alternate limit

using the combined wastestream formula. (as added by Ord. #263, May 2011, and amended by Ord. #296, Oct. 2016 *Ch5_6-9-20*)

18-402. 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 superintendent 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 city sewer or changes in the industrial process or wastewater treatment process shall not be made until the application is received and approved by the superintendent, the building sewer is installed in accordance with § 18-306 of this title and an inspection has been performed by the superintendent or his representative.

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

(2) Industrial wastewater discharge permits. (a) General requirements. All industrial users proposing to connect to or to 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 one hundred eighty (180) 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 superintendent 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 city 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 § 18-309 and § 18-401 discharge variations -- daily, monthly, seasonal and thirty (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 city under the provisions of this chapter.

(iv) If additional pretreatment and/or operations and maintenance will be required to meet 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 city will evaluate the data furnished by the user and may require additional information. After evaluation and acceptance of the data furnished, the city may issue a wastewater discharge permit subject to terms and conditions provided herein.

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

(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 the WWF to be necessary;

(G) Requirement to notify the WWF immediately if changes in the users 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 city, and affording city access thereto;

(F) Requirements for notification of the city sixty

(60) 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 city 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 sixty (60) 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 one hundred eighty (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 prior written approval of the local administrative officer. 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 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 city'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. (as added by Ord. #263, May 2011)

18-403. 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 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 edition of 40 CFR 136 and appropriate EPA guidance. Multiple grab samples collected during a twenty-four (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 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 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 includes adequate process control as well as adequate testing and monitoring quality assurance.

(5) Inspection and sampling. The city 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 city 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 city, 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 city will utilize qualified city 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 arrangements with their security guards so that upon presentation of suitable identification, personnel from the city, 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 city shall observe all safety rules applicable to the premises established by the company and the company shall be held harmless for injury or death to the city employees and the city shall indemnify the company against loss or damage to its property by city employees and against liability claims and demands for personal injury or property damage asserted against the company and growing out of the monitoring and sampling operation, except as such may be caused by negligence or failure of the company to maintain safe conditions.

(7) New sources. New sources of discharges to the WWF shall have in full operation all pollution control equipment at start up of the industrial process and be in full compliance of effluent standards within ninety (90) days of start up 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. (as added by Ord. #263, May 2011)

18-404. 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 § 18-405.

(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 1200-4-14-.06(1)(d), whichever is later, existing categorical industrial users currently discharging to or scheduled to discharge to the WWF shall submit to the superintendent 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 superintendent 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 user name, 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.

(iv) Flow measurement. Information showing the measured average daily and maximum daily flow, in gallons per day, to the POTW from regulated process streams and other streams, as necessary, to allow use of the combined wastestream 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 superintendent, 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.

(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 superintendent or the applicable standards to determine compliance with the standard.

(E) The user shall take a minimum of one (1) 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 wastestream 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 superintendent 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 § 18-404(2) of this chapter.

(e) Signature and report certification. All baseline monitoring reports must be certified in accordance with § 18-404(14) of this chapter and signed by the duly authorized representative.

(2) Compliance schedule progress reports. The following conditions shall apply to the compliance schedule required by § 18-404(1)(d) of this chapter:

(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 superintendent no later than fourteen (14) days following each date in the schedule and the final date of compliance including, at 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 superintendent.

(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 superintendent a report containing the information described in § 18-404(1)(b)(iv) and (v) of this chapter. 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 superintendent 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 superintendent 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 this title.

(c) All wastewater samples must be representative of the user's discharge. Wastewater monitoring and flow measurement facilities shall be properly operated, 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 superintendent, 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 superintendent of any significant changes to the user's operations or system which might alter the nature, quality, or volume of its wastewater at least sixty (60) days before the change.

(a) The superintendent 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 § 18-401 of this chapter.

(b) The superintendent may issue an individual wastewater discharge permit under § 18-402 of this chapter or modify an existing wastewater discharge permit under s§ 18-402 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 noncustomary batch discharge, a slug discharge or slug load, that might cause potential problems for the POTW, the user shall immediately telephone and notify the superintendent 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 superintendent, 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 this title.

(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 superintendent 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 wastewater discharge permit shall provide appropriate reports to the superintendent as the superintendent may require to determine users status as non-permitted.

(8) Notice of violations/repeat sampling and reporting. Where a violation has occurred, another sample shall be conducted within thirty (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 superintendent 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 superintendent within thirty (30) days after becoming aware of the violation. Resampling by the industrial user is not required if the city performs sampling at the user's facility at least once a month, or if the city performs sampling at the user's facility between the time when the initial sampling was conducted and the time when the user or the city receives the results of this sampling, or if the city 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 POTW, the

EPA Regional Waste Management Division Director, and state hazardous waste authorities, in writing, of any discharge into the POTW 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 POTW, 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 wastestream discharged during that calendar month, and an estimation of the mass of constituents in the wastestream 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 § 18-404(5) of this chapter. The notification requirement in this section does not apply to pollutants already reported by users subject to categorical pretreatment standards under the self-monitoring requirements of §§ 18-404(1), 18-404(3), and 13-404(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 nonacute hazardous wastes in a calendar month, or of any quantity of acute hazardous wastes as specified in 40 CFR 261.30(d) and 261.33(e), requires a one (1) 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 superintendent, 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 this title, 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 superintendent 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 twenty-four (24) hour flow-proportional composite sampling techniques, unless time-proportional composite sampling or grab sampling is authorized by the superintendent. Where time-proportional composite sampling or grab sampling is authorized by the city, 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 twenty-four (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 city, as appropriate. In addition, grab samples may be required to show compliance with instantaneous limits.

(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 ninety (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 superintendent 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 this title shall retain, and make available for inspection and copying, all records of information obtained pursuant to any monitoring activities required by this title, 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 § 18-402. 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. This period shall be automatically extended for the duration of any litigation concerning the user or the city, or where the user has been specifically notified of a longer retention period by the superintendent.

(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. (as added by Ord. #263, May 2011)

18-405. 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 McEwen Wastewater 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 § 18-405(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 city 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 city 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. Compliance orders may also contain other requirements to address the noncompliance, including additional self-monitoring, and management practices designed to minimize the amount 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 city 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 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, under the authority of Tennessee Code Annotated, § 69-3-124:

(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 Humphreys 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 (b).

(viii) Any person to whom an emergency order is directed under § 18-405(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:

(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 also 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.

(iv) Assessments may be added to the user's next scheduled sewer 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 (\$10,000.00) per day for each day during which the act or omission continues or occurs.

(4) Assessment for noncompliance with program permits or orders. Under the authority of Tennessee Code Annotated, § 69-3-126.

(a) The local administrative officer may assess the liability of any polluter or violator for damages to the city 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. Under the authority of Tennessee Code Annotated, § 69-3-127, 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 § 18-402(2)(g) of this chapter, users are subject to termination of their wastewater discharge for violations of 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 inspection, monitoring or sampling.

(e) Violation of the pretreatment standards in the general discharge prohibitions in § 18-309 of chapter 3.

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

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 1200-4-14-.08(6)(b)8.

(i) Chronic violations of wastewater discharge limits, defined here as those in which sixty-six percent (66%) or more of all of the measurements taken for each parameter taken during a six (6) 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 (33%) or more of all of the measurements for each pollutant parameter taken during a six (6) 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 POTW 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 § 18-405(1)(b)(i)(D), emergency order, to halt or prevent such a discharge.

(v) Failure to meet, within ninety (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.

(vi) Failure to provide, within forty-five (45) days after

their due date, required reports such as baseline monitoring reports, ninety (90) day compliance reports, periodic self-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 fifty (50) minutes or exceed limits by more than 0.5 s.u. more than eight (8) times in four (4) hours.

Any significant non-compliance violations will be responded to according to the Enforcement Response Plan Guide Table (Appendix A).³

(9) Public notice of the significant violations. The superintendent 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 (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

³The Enforcement Response Plan Guide Table (Appendix A) referred to herein is available for review in the recorder's office.

(including endangering the health of POTW 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 superintendent'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;

(f) Failure to accurately report noncompliance; or

(g) Any other violation(s), which may include a violation of best management practices, which the superintendent determines will adversely affect the operation or implementation of the local pretreatment program.

(h) Continuously monitored pH violations that exceed limits for a time period greater than fifty (50) minutes or exceed limits by more than 0.5 s.u. more than eight (8) times in four (4) 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. (as added by Ord. #263, May 2011)

18-406. Enforcement response guide table. (1) Purpose. The purpose of this chapter is to provide for the consistent and equitable enforcement of the provisions of this title.

(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 this title. (as added by Ord. #263, May 2011)

18-407. Fees and billing. (1) Purpose. It is the purpose of this chapter to provide for the equitable recovery of costs from users of the city'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 city'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 city 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 § 18-402 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 city's sewer department at the time the application is filed.

(5) Sewer user charges.⁴ The board of mayor and aldermen 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 § 18-407 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 city 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. Violations 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

(as added by Ord. #263, May 2011)

18-408. Validity. This chapter and its provisions shall be valid for all service areas, regions, and sewage works under the jurisdiction of the city. (as added by Ord. #263, May 2011)

⁴Such rates are reflected in administrative ordinances or resolutions, which are of record in the office of the city recorder.

CHAPTER 5

CROSS CONNECTIONS, AUXILIARY INTAKES, ETC.⁵

SECTION

- 18-501. Definitions.
- 18-502. Standards.
- 18-503. Construction, operation, and supervision.
- 18-504. Statement required.
- 18-505. Inspections.
- 18-506. Correction of existing violations.
- 18-507. Use of protective devices.
- 18-508. Unpotable water to be labeled.
- 18-509. Violations.

18-501. Definitions. The following definitions and terms shall apply in the interpretation and enforcement of this chapter:

(1) "Public water supply." The waterworks system which furnishes water to the City of McEwen and certain surrounding area for general use and which supply is recognized as the public water supply by the Tennessee Department of Health.

(2) "Cross connection." Any physical arrangement whereby the public water system is connected, directly or indirectly, with any other water supply system, whether sewer, drain, conduit, pool, storage reservoir, plumbing fixture, or other device which contains, or may contain, contaminated water, sewage, or other waste or liquid of unknown or unsafe quality which may be capable of imparting contamination to the public water system as a result of backflow. Bypass arrangements, jumper connections, removable sections, swivel or change-over devices through which, or because of which, backflow could occur are considered to be cross connections.

(3) "Auxiliary intake." Any piping connection or other device whereby water may be secured from a source other than that normally used.

(4) "Bypass." Any system of piping or other arrangement whereby the water may be diverted around any part or portion of a water purification plant.

(5) "Interconnection." Any system of piping or other arrangement whereby the public water system is connected directly with a sewer, drain, conduit, pool, storage reservoir, or other device which does or may contain sewage or other waste or liquid which would be capable of imparting

⁵Municipal code references

Plumbing code: title 12.

Water and sewer system administration: title 18.

Wastewater treatment: title 18.

contamination to the public water system.

(6) "Person." Any individual, corporation, company, association, partnership, state, municipality, utility district, water cooperative, or federal agency.

(7) "Superintendent." That person in charge of the operation of the City of McEwen Water System or the authorized representative of that person. (1970 Code, § 8-301, as renumbered by by Ord. #263, May 2011)

18-502. Standards. The City of McEwen Public Water System is to comply with Tennessee Code Annotated, §§ 68-221-701 through 68-221-720 as well as the Rules and Regulations for Public Water Systems, legally adopted in accordance with this code, which pertain to cross connections, auxiliary intakes, bypasses, and interconnections, and establish an effective ongoing program to control these undesirable water uses. (1970 Code, § 8-302, as renumbered by by Ord. #263, May 2011)

18-503. Construction, operation, and supervision. It shall be unlawful for any person to cause a cross connection to be made, or allow one to exist for any purpose whatsoever, unless the construction and operation of same have been approved by the Tennessee Department of Health, and the operation of such cross connection, auxiliary intake, bypass or interconnection is at all times under the direct supervision of the superintendent of the such as manager of the City of McEwen Public Water System. (1970 Code, § 8-303, as renumbered by by Ord. #263, May 2011)

18-504. Statement required. Any person whose premises are supplied with water from the public water supply and who also has on the same premises a separate source of water supply, or stores water in an uncovered or unsanitary storage reservoir from which the water stored therein is circulated through a piping system, shall file with the superintendent a statement of the non-existence of unapproved or unauthorized cross connections, auxiliary intakes, bypasses, or interconnections. Such statement shall also contain an agreement that no cross connection, auxiliary intake, bypass, or interconnection will be permitted upon the premises. (1970 Code, § 8-304, as renumbered by by Ord. #263, May 2011)

18-505. Inspections. The superintendent shall inspect all properties served by the public water supply where cross connections with the public water supply are deemed possible. The frequency of inspections and reinspection, based on potential health hazards involved, shall be established by the superintendent in accordance with guidelines acceptable to Tennessee Department of Health. The superintendent or authorized representative shall have the right to enter at any reasonable time any property served by a connection to the City of McEwen Public Water System for the purpose of

inspecting the piping system therein for cross-connections, auxiliary intakes, bypasses or interconnections. On request, the owner, lessee, or occupant or any property so served shall furnish any pertinent information regarding the piping system on such property. The refusal of such information or refusal of access, when requested, shall be deemed evidence of the presence of cross-connections. (1970 Code, § 8-305, as renumbered by by Ord. #263, May 2011)

18-506. Correction of existing violations. Any person who now has cross connections, auxiliary intakes, bypasses, or interconnections in violation of the provisions of this chapter shall be allowed a reasonable time within which to comply with the provisions of this chapter. After a thorough investigation of existing conditions and an appraisal of the time required to complete the work, the amount of time shall be designated by the superintendent.

The failure to correct conditions threatening the safety of the public water system as prohibited by this chapter and the Tennessee Code Annotated, § 68-221-711, within a reasonable time and within the time limits set by the City of McEwen Public Water System, shall be grounds for denial of water service. If proper protection has not been provided after a reasonable time, the superintendent shall give the customer legal notification that water service is to be discontinued, and physically separate the public water system from the customer's on-site piping system in such a manner that the two systems cannot again be connected by an unauthorized person. Where cross connections, interconnections, auxiliary intakes, or bypasses are found that constitute an extreme hazard of immediate concern of contaminating the public water system, the superintendent of the water system shall require that immediate corrective action be taken to eliminate the threat to the public water system. Immediate steps shall be taken to disconnect the public water system from the on-site piping system unless the imminent hazard(s) is corrected immediately. (1970 Code, § 8-306, as renumbered by by Ord. #263, May 2011)

18-507. Use of protective devices. Where the nature of use of the water supplied a premises by the water system is such that it is deemed:

- (1) Impractical to provide an effective air-gap separation;
- (2) That the owner and/or occupant of the premises cannot, or is not willing, to demonstrate to the superintendent or his designated representative, that the water use and protective features of the plumbing are such as to propose no threat to the safety or potability of the water supply;
- (3) That the nature and mode of operation within a premises are such that frequent alterations are made to the plumbing; or
- (4) There is a likelihood that protective measures may be subverted, altered, or disconnected, the superintendent shall require the use of an approved protective device on the service line serving the premises to assure that any contamination that may originate in the customer's premises is contained therein. The protective devices shall be a reduced pressure zone type backflow

preventer approved by the Tennessee Department of Health as to manufacture, model, and size. The method of installation of backflow protective devices shall be approved by the superintendent prior to installation and shall comply with the criteria set forth by the Tennessee Department of Health. The installation shall be at the expense of the owner or occupant of the premises.

Personnel of the City of McEwen Public Water System shall have the right to inspect and test the device on an annual basis or whenever deemed necessary by the superintendent.

Water service shall not be disrupted to test the device without the knowledge of the occupant of the premises.

Where the use of water is critical to the continuance of normal operations or protection of life, property, or equipment, duplicate units shall be provided to avoid the necessity of discontinuing water service to test or repair the protective device. Where it is found that only one unit has been installed and the continuance of service is critical, the superintendent shall notify, in writing, the occupant of the premises of plans to discontinue water service and arrange for a mutually acceptable time to test or repair the device. The water system shall require the occupant of the premises to make all repairs indicated promptly, to keep any protective device working properly. The expense of such repairs shall be borne by the owner or occupant of the premises. Repairs shall be made by qualified personnel acceptable to the superintendent. The failure to maintain backflow prevention devices in proper working order shall be grounds for discontinuing water service to a premises. Likewise, the removal, bypassing, or altering of the protective devices or the installation thereof so as to render the devices ineffective shall constitute grounds for discontinuance of water service. Water service to such premises shall not be restored until the customer has corrected or eliminated such conditions or defects to the satisfaction of the superintendent. (1970 Code, § 8-307, as renumbered by by Ord. #263, May 2011)

18-508. Unpotable water to be labeled. The potable water system made available to premises served by the public water system shall be protected from possible contamination as specified herein. Any water outlet which could be used for potable or domestic purposes and which is not supplied by the potable system must be labeled in a conspicuous manner as:

WATER UNSAFE

FOR DRINKING

Minimum acceptable sign shall have black letters at least one-inch high located on a red background. (1970 Code, § 8-308, as renumbered by by Ord. #263, May 2011)

18-509. Violations. The requirements contained herein shall apply to all premises served by the City of McEwen Water System whether located inside or outside the corporate limits and are hereby made a part of the conditions required to be met for the city to provide water services to any premises. Such action, being essential for the protection of the water distribution system against the entrance of contamination which may render the water unsafe healthwise, or otherwise undesirable, shall be enforced rigidly without regard to location of the premises, whether inside or outside the corporate limits.

Any person who neglects or refuses to comply with any of the provisions of this chapter shall be deemed guilty of a misdemeanor and, upon conviction therefor, shall be fined not less than ten dollars (\$10.00) nor more than fifty dollars (\$50.00), and each day of continued violation after conviction shall constitute a separate offense. (1970 Code, §§ 8-309 and 8-310, as renumbered by by Ord. #263, May 2011)