

Public Water Supply District No. 3 Wastewater Ordinances

I. PURPOSE

Sec. 1. An ordinance regulating the requirements of the use of public sewers, the installation and connection of building sewers, and prohibited waters and wastes into the public sewers. The ordinance is designed to notify current and future customers of the rules and regulations Public Water Supply District No. 3 has set in place for the public sewer system.

Sec. 2. Public Water Supply District No. 3 has worked continuously to improve the wastewater treatment process. Improper discharge of water or wastes into the public sewage system may cause damage to residential properties, sewage treatment equipment, and/or the efficiency of wastewater at the Waste Water Treatment Plant. The following rules and regulations shall be followed in order to operate at maximum efficiency, help prevent future damages, and comply with requirements set forth by the Missouri Department of Natural Resources (MoDNR) and the Environmental Protection Agency (EPA).

II. DEFINITIONS

Unless the context specifically indicates otherwise, the meaning of terms used in this ordinance shall be as follows:

Sec. 1. **APPLICANT** - Any individual, firm, partnership, corporation or other agency owning land within the PWSD No. 3 service area applying for a sewer service.

Sec. 2. **BUILDING DRAIN** - That part of the lowest horizontal piping of a drainage system which receives the discharge from soil, waste, and other drainage pipes inside the walls of the building and conveys it to the building sewer, beginning five (5) feet (1.5 meters) outside the inner face of the building wall.

Sec. 3. **BUILDING SEWER** - The extension from the building drain to the public sewer or other place of disposal. Also known as service line.

Sec. 4. **DISTRICT** - Public Water Supply District No. 3 of Johnson County.

Sec. 5. **EASEMENT** - An acquired legal right for the specific use of land owned by others.

Sec. 6. **GARBAGE** - Solid wastes from the domestic and commercial preparation, cooking, and dispensing of food, and from the handling, storage, and sale of produce.

Sec. 7. **HAULER** - Septic waste truck/trailer or RV containing wastes with the intent to discharge into public sewers.

- Sec. 8. *INDUSTRIAL WASTES* - The liquid wastes from industrial manufacturing processes, trade, or business as distinct from sanitary sewage.
- Sec. 9. *INFILTRATION* - Water entering the sewage system (including building drains and pipes) from the ground through such means as defective pipes, pipe joints, connections, and manhole walls.
- Sec. 10. *INFLOW* - Water other than wastewater that enters a sewer system from sources such as gutters, sump pumps, drains from springs, manhole covers, and other forms of surface runoff.
- Sec. 11. *INFILTRATION / INFLOW (I&I)* - The total quantity of water from both infiltration and inflow.
- Sec. 12. *INSPECTOR* - The person or persons duly authorized by the Public Water Supply District No. 3 Board of Directors or General Manager to inspect and approve the installation of building sewers and their connection to the public sewer system.
- Sec. 13. *PERSON* - Any individual, firm, company, association, society, corporation, or group.
- Sec. 14. *pH* - The logarithm of the reciprocal of the weight of hydrogen ions in grams per liter of solution.
- Sec. 15. *PROPERLY SHREDDED GARBAGE* - The wastes from the preparation, cooking, and dispensing of foods that have been shredded to such a degree that all particles will be carried freely under the flow conditions normally prevailing in public sewers, with no particle greater than one-half (½) inch (1.27 centimeters) in any dimension.
- Sec. 16. *PUBLIC SEWER* - A sewer in which all owners of abutting properties have equal rights, and which is controlled by public authority.
- Sec. 17. *SANITARY SEWER* - A sewer which carries sewage and to which storm, surface, and ground waters are not intentionally admitted.
- Sec. 18. *SEWAGE* - A combination of the water-carried wastes from residents, business buildings, institutions, and industrial establishments, together with such ground, surface, and storm waters as may be present.
- Sec. 19. *SEWAGE WORKS* - All facilities for collecting, pumping, treating, and disposing of sewage.
- Sec. 20. *SEWER* - A pipe or conduit for carrying sewage.
- Sec. 21. *SHALL* - Is mandatory; *MAY*: Is permissive.
- Sec. 22. *SLUG* - Any discharge of water, sewage, or industrial waste which in concentration of any given constituent or in quantity of flow exceeds for any period of duration longer than fifteen (15) minutes more than five (5) times the average twenty-four (24) hour concentration or flows during normal operation.

Sec. 23. *SUSPENDED SOLIDS* - Solids that either float on the surface of, or are in suspension in water, sewage, or other liquids, and which are removable by laboratory filtering.

Sec. 24. *WASTEWATER* – Used water from any combination of domestic, industrial, commercial or agricultural activities, surface runoff or stormwater, and any sewer inflow or sewer infiltration.

Sec. 25. *WASTEWATER TREATMENT PLANT* - Any arrangement of devices and structures used for treating sewage. Also known as Sewage Treatment Plant.

Sec. 26. *WATERCOURSE* - A channel in which a flow of water occurs, either continuously or intermittently.

III. SAMPLING AND TESTING PROCEDURES

All measurements, tests, and analyses of the characteristics of waters and wastes to which reference is made in this ordinance shall be determined in accordance with the latest edition of Standard Methods for the Examination of Water and Wastewater, published by the American Public Health Association. Sampling methods, locations, times, durations and frequencies are to be determined on an individual basis subject to approval by the PWSD No. 3 General Manager or other duly authorized employees of the District.

IV. PROHIBITED DISPOSAL OF WATER/ WASTE

It shall be unlawful for any person, establishment or corporation to discharge to the sewer system any pollutant except in compliance with Federal standards promulgated pursuant to the Clean Water Act, and any more stringent state and local standards.

Prohibited Water. No person shall make connection of roof downspouts, foundation drains, areaway 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.

No water from any roof, surface, ground, sump pump, footing tile, swimming pool or other natural precipitation shall be discharged into the sanitary sewer system. Dwellings and other buildings and structures which require, because of the infiltration of water into basements, crawl spaces and the like, a sump pump system to discharge excess water, shall have a permanently installed discharge line which shall not, at any time, discharge water into the sanitary sewer system. A permanent installation shall be one which provides for year-around discharge capability to the outside of the dwelling, building, or structure.

Any person having a roof, surface, ground, sump pump, footing tile or swimming pool now connected and/or discharging into the sanitary sewer system shall be required to disconnect and/or remove the violation. Any disconnects or openings in the sanitary sewer shall be closed or repaired in an effective manner as approved by the PWSD No. 3 General Manager or other duly authorized employees of the District bearing proper credentials and identification.

Prohibited Waste. It shall be unlawful for any property owner or occupant to dispose of anything other than domestic sewage into public sewers. No person shall discharge any of the following described waters or wastes to any public sewers:

1. Waters or wastes containing substances which are not amenable to treatment or reduction by the sewage treatment processes employed, or are amenable to treatment only to such degree that the sewage treatment plant effluent cannot meet the requirements of other agencies having jurisdiction over discharge to the receiving waters.
2. Any gasoline, fuel oil, benzene, naphtha, or other flammable or explosive liquid, solid, or gas.
3. Any waters or wastes containing toxic or poisonous solids, liquids, or gases in sufficient quantity, either singularly or by interaction with other wastes to injure or interfere with any sewage treatment process, constitute a hazard to humans or animals, create a public nuisance, or create any hazard in the receiving waters of the sewage treatment plant, including but not limited to cyanides in excess of (0.5) mg/l as CN in the wastes as discharged to the public sewer.
4. Any waters or waste having a pH lower than 5.5 or having any other corrosive property capable of causing damage or hazard to structures, equipment, and personnel of the sewage works.
5. Any waters or waste having a pH higher than 9.5.
6. Substances in such quantities which could cause obstruction to the flow of sewers which include but are not limited to, ashes, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, grease, unground garbage, etc., either whole or ground by garbage grinders.
7. Unusual volume of flow or concentration of wastes constituting slugs, as defined previously.
8. Any liquid or vapor having a temperature higher than one hundred fifty degrees Fahrenheit (65C).
9. Waters or wastes containing substances which are not amenable to treatment or reduction by the sewage treatment processes employed, or are amenable to treatment only to such degree that the sewage treatment plant effluent cannot meet the requirements of other agencies having jurisdiction over discharge to the receiving waters.

V. CONTROL BY THE GENERAL MANAGER

The PWSD No. 3 General Manager shall have control and general supervision of all public sewers and service connects within the district, and shall be responsible for administering the provisions of this ordinance to the end that a proper and efficient public sewer is maintained.

With reasonable frequency, the PWSD No. 3 General Manager or representative shall make inspections of buildings within the district and shall compile a list of all properties connected to the sewer system in violation of the provisions of this article. Property owners found to be in violation will be sent a written notice to correct such violation(s). If such violation(s) are not corrected within thirty (30) days following the mailing of such notice by certified or registered

mail, the district shall have the right to make, or have made, such alterations as may be deemed necessary by the Board of Directors to meet the requirements of this article, and all costs thereof shall be recoverable from the property owner.

VI. TAMPERING WITH SEWAGE WORKS PROHIBITED

No unauthorized person shall maliciously or willfully break, damage, deface, destroy or tamper with any equipment or structure which is part of the sewage works. Any person found vandalizing Public Water Supply District No. 3 property shall be subject to immediate arrest and prosecution.

VII. SEPTIC WASTE DUMPING

Septic Waste Dumping Agreement. No unauthorized person(s) shall discharge septic waste into public sewers until a septic waste dumping agreement is filled out and approved. Septic waste dumping fees are as published.

Policies and Procedures.

1. The hauler must call the PWSD No. 3 office during normal business hours 8:30a.m.-4:00p.m. Monday through Friday to set up a date and time of discharging septage. An employee must accompany the hauler at all times. The hauler must provide the following information:
 - a. Time
 - b. Date
 - c. Hauler name and contact information
 - d. Volume
2. The day of discharge, the hauler is responsible for providing the office with a copy of their vehicle insurance and driver's license. The hauler also needs to sign the "Septic Waste Dumping Agreement" form. PWSD No. 3 office can keep a copy on file until expiration.
3. Dumping fees are as published.
4. Only the discharge of domestic sewage is permitted. No grease traps or industry waste shall be discharged at any time.
5. Tanks used for hauling wastewater shall be used for domestic wastewater only and shall not contain any materials or residue that may be considered harmful to the integrity of the wastewater system. Samples shall be taken periodically to ensure there are no contaminated wastes being dumped. If a hauler refuses to allow a PWSD No. 3 employee to draw a sample, further access will be denied.
6. PWSD No. 3 reserves the unconditional right to accept or reject any load as it deems necessary to protect its employees and treatment facility.
7. PWSD No. 3 will revoke discharging privileges immediately if anyone is found abusing the use of this site.

8. Any hauler found on PWSD No. 3 property without notifying the office will be subject to:
 - a. A warning letter,
 - b. A \$500 fine,
 - c. Or will be barred from PWSD No. 3 property.

VIII. SEWER TAP REQUIREMENTS

Sec. 1. The owner of all houses, buildings, or properties used for human occupancy, employment, recreation, or other purposes, situated within the district and abutting on any street, alley, or right-of-way in which there is now located or may in the future be located a public sanitary sewer of the District, is hereby required at his/her expense to install suitable toilet facilities herein, and to connect such facilities directly with the public sewer in accordance with the provisions of this ordinance, within ninety (90) days after date of official notice to do so.

Sec. 2. *Wastewater User Agreement.* No unauthorized person(s) shall uncover, make any connections with or opening into, use, alter, or disturb any public sewer or appurtenance thereof without first completing Wastewater User Agreement and paying a sewer tap fee. The Wastewater User Agreement must be submitted at least thirty (30) days before installation.

The applicant listed on the Wastewater User Agreement shall notify PWSD No. 3 at least seven (7) business days before the sewer tap is ready for inspection and connection to the public sewer. The connection shall be made under the supervision of the General Manager or his representative.

No person shall make a service connection unless professionally licensed to perform such work, and no Wastewater User Agreement shall be granted to any person without such professionally licensed person.

Sewer Tap Fee. The applicant is responsible for paying a one-time sewer tap fee at current published rate.

Owner's Responsibility for Costs. The applicant will be responsible for all costs and expenses required for the installation and connection of the building sewer from the dwelling to the public sewer main. The owner shall compensate the district from any loss or damage that may directly or indirectly occur due to the installation of the building sewer.

Policies and Procedures. In accordance with PWSD No. 3 policy/procedure number 2006/009:

Customers establishing new sewer service must meet the installation requirements and subsequent district inspection. The customer must meet the following requirements when tapping into the sewer main.

1. All openings cut into the sewer main are to be hole-sawed to the proper diameter as the pipe size being installed.

2. Cuts should be made at a ten or two o'clock position depending on which side the lateral enters.
3. Install a rubber saddle tee and band to the sewer main.
4. Encapsulate the sewer main pipe and saddle tee in concrete to prevent sags and root intrusion.
5. Public Water Supply District No. 3 will do a visual inspection prior to backfill.

Sec. 3. Separate Connections Required. A separate and independent building sewer shall be provided for every building, except that where one (1) 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 in the front building may be extended to the rear building. PWSD No. 3 assumes no responsibility for damage caused by or resulting from any single building sewer which serves additional buildings. Each dwelling shall have a separate sewer connection to the building sewer and separate tap fee.

Old building sewers may be used in connection with new buildings only when they are found to meet all requirements of this ordinance on examination by the PWSD No. 3 General Manager or his representative.

Sec. 4. Construction Standards. The size, slope, alignment, materials of construction of the building sewer, and the methods to be used in excavating, placing of the pipe, jointing, testing and backfilling the trench, shall all conform to the requirements of EPA standards, MoDNR minimum design standards, and National Standards Plumbing Code (NSPC). Any deviation from the prescribed procedures and materials must be approved by the PWSD No. 3 General Manager before installation.

Sec. 5. Excavation Safety. 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 district.

Sec. 6. Building Sewer Elevation. Whenever practicable, the building sewer shall be brought to a building at an elevation below the basement floor. In buildings in which any building drain is too low to permit gravity flow to the public sewer, wastewater carried by such building drain shall be lifted by an approved means and discharged to a building sewer draining to the public sewer.

Placement of Pipes Restricted. It shall be unlawful for any person to place any pipe which carries, or is intended to carry sewage, in the same trench or ditch which carries, or is intended to carry potable water. In every case where water and sewer lines run parallel, the water line shall be at least ten (10) feet horizontally from and at a higher elevation than the sewer line.

Powers and Authority of Inspectors. The General Manager and other duly authorized employees of the District bearing proper credentials and identification shall be permitted to enter all private properties through which the District holds a duly negotiated easement for the purposes of, but not limited to, inspection, observation, measurement, sampling, repair, and maintenance of any portion of the sewage works lying within said easement. All entry and subsequent work, if any,

on said easement, shall be done in full accordance with the terms of the duly negotiated easement pertaining to the private property involved.

Notice for Inspections. The applicant for the building Wastewater User Agreement shall notify the Public Water Supply District No. 3 office when the building sewer is ready for inspection and connection to the public sewer. The connection shall be made under the supervision of the General Manager and other duly authorized employees of the district.

IX. EXTENSION OF PUBLIC SEWER MAINS

New sewer mains must to be designed by an engineer, approved by the District, and submitted to MoDNR for approval. All main extensions shall be discussed and approved by the Board of Directors. The engineer shall be responsible for all expenses related to the proper installation of the new main. The engineer shall follow EPA standards, MoDNR minimum design standards 10 CSR 20-8., and National Standard Plumbing Code (NSPC) when extending public sewer mains.

X. SEWER SERVICE CHARGES

The District's operational expenses, debt service charges and sewer coverage requirements shall be evaluated annually to establish sewer charges sufficient to produce revenues to meet these requirements of system operation and maintenance.

Bills. Said published rates for service shall be payable monthly. The user of the service shall be liable to pay for the service to such premises. Bills for sewer service will be included on the monthly water service bill and shall be sent out by the first day of the month. All sewer bills are due and payable five (5) days after being sent out. If a bill is not received by the 7th day of the month, the customer shall contact the office for the balance to set up payment.

Penalty Fees. A penalty fee shall be added to all bills not paid by the 15th day of the month. Fees will not be waived for any reason. Failure to pay for services two (2) consecutive months shall result in the applicant's water service temporarily suspended. The applicant shall be responsible for paying the past due amount plus any additional fees at the current published rate in order to have water services restored.

XI. PENALTIES

Any person found to be violating any provision of this ordinance, shall be served by the District with written notice stating the nature of the violation and providing a reasonable time limit for the satisfactory correction thereof. The offender shall, within the period of time stated in such notice, permanently cease all violations.

Any person who shall continue any violation beyond the time limit provided in the written notice shall be fined an amount not to exceed \$20 for each violation. Each month in which any such violation occurs shall be deemed as a separate offense.

Any person who shall continue any violation beyond sixty (60) days of the time limit provided in the written notice shall have the sewer user's agreement revoked and shall have their water service temporarily suspended until all violations are ceased.

Any person violating any of the provisions of this ordinance shall become liable to the District for any expenses, losses, or damages occasioned by the District by reason of such violation(s).

FINAL APPROVAL
BOARD OF DIRECTORS

By: _____
President

Date: _____

By: Alan Paris
Director

Date: Alan Paris 11-16-21

By: Mark Nypen
Director

Date: 11-16-21

By: Larry Wright
Vice-President

Date: 11-16-21

By: Tom Schell
Director

Date: 11/16/21

By: Amye Saldin
District Clerk

Date: 11/16/2021