

Fox Metro Water Reclamation District
Sanitary Sewer Installation Rules and Regulations

The Fox Metro Water Reclamation District has first jurisdiction in the tributary metropolitan sewer area, and all discharges to the sanitary system will be controlled and monitored by the Fox Metro Water Reclamation District.

Bonding

1. To perform sanitary sewer service installation or repairs you must provide a \$25,000.00 license & permit bond to the Fox Metro Water Reclamation District. On this bond, your company must be listed as “obligee”, and as performing work such as: “excavating” or “sewer and water construction” etc. As the bonded contractor you are required to install or repair according to Fox Metro W.R.D. specifications (also refer to Standard Specifications for Water and Sewer Main Construction in Illinois and Illinois Plumbing Code). Questions relating to any Fox Metro specification, rule or regulation; or those regarding a specific project, should be directed to Fox Metro’s engineering department. All sanitary sewer and domestic water service (excluding Oswego and Yorkville) new construction work, including repairs, must be inspected by Fox Metro W.R.D.

Illegal discharges

2. Failure to comply with District Ordinances may result in penalties not to exceed \$2,000.00 for each violation. These fines may double with each occurrence by the same company, individual or contractor. The following represent the most common violations that are subject to fines as required by the sewer use ordinance of the District:
 - a. Mainline sewer construction without 48 hour notice
 - b. Construction of sanitary or water service or repair without inspection and/or license and permit bond.
 - c. Unsecured system (no plug per approved plans)
 - d. Construction using unapproved plans
 - e. Ground water, aggregates or mud release into the public sewer system.

PLEASE PAY PARTICULAR ATTENTION TO THIS ITEM. UNDER NO CIRCUMSTANCES WILL FOX METRO ALLOW ANY AGGREGATES, MUD, CLAY OR GROUND WATER TO ENTER THE SANITARY SEWER SYSTEM. FAILURE TO COMPLY WILL RESULT IN MAXIMUM FINES, AS WELL AS POSSIBLE CLEANING AND TREATMENT COSTS. REPEAT OFFENDERS MAY BECOME SUBJECT TO HAVING THEIR BOND REVOKED AND DENIED FUTURE WORK IN FOX METRO’S SERVICE AREA. CALL THE ENGINEERING DEPARTMENT AT (630) 301-6882 WITH QUESTIONS.

3. All new sanitary construction must be securely plugged per the approved plans. This plug must be maintained to prevent unnecessary flow or discharge into the existing sanitary system. This plug may only be removed after all construction drainage has been properly removed and complete air and vacuum test results have been received and approved by the Engineering Department.
4. No ground water, run off, or surface water is allowed to enter any sanitary sewer system before, during or after any sanitary sewer service or mainline construction installation or repair. In addition, draining or pumping ground or surface water into any sanitary sewer system is strictly prohibited.
5. No aggregate, dirt, clay, debris, or foreign material is allowed to enter any sanitary sewer system. Any individual, contractor or company causing said material to enter an existing sanitary sewer system shall clean and remove this debris from the system at their expense, and under the supervision of the municipality. Furthermore, should it be determined that this material caused a system surcharge or backup resulting in property loss or damage, this same responsible party, individual or company shall make proper restitution, restoration, clean up and disinfection as may be required for proper health and safety.
6. During construction, you are required to extend a 3-foot “riser” pipe with plug above the floor elevation to prevent inflow or drainage. Four inch schedule 40 P.V.C. is recommended through or under the foundation wall, footing or floor. No glued joints or fittings outside the wall.
7. Footing tile, sump pumps, under floor drains, down spouts, yard drains or any other connections for draining ground water, run off, or surface water directly or indirectly into sanitary sewers are expressly prohibited and subject to fines and treatment costs.

Inspections

8. You must schedule an inspection before digging. This allows us to check permit status and inform you of any special requirements before you dig. Inspections must be scheduled at least 24 hours before the work is performed. Please call 630-301-6811 during the hours of 8:00 a.m. – 4:30 p.m.
9. To avoid added fees, a one hour notification is required if you are running late or wish to cancel an inspection. Inspections scheduled on the same day (if available) will be charged a \$50 fee. Water and sewer service inspections for single-family homes will be required to be done at the same time. A \$50 fee will be charged for return inspections (not including multi-family), failed inspections, failure to cancel, or incomplete at appointed time. Holiday and weekend inspections are available at the discretion of our Plumbing Inspector, and are subject to the current fee of \$100.00, which is due prior to the inspection. Please call 630-301-6811 during the hours of 8:00 a.m. – 4:30 p.m. After hours emergency repairs, call 630-892-4378, then follow the prompts.
10. Fox Metro W.R.D. performs all water service inspections for the City of Aurora and Villages of Montgomery, Sugar Grove and North Aurora and shall consist of the following:
 - a. All domestic water connections shall be a minimum of 1 inch in diameter and shall be Type K copper. All domestic water connections larger than 2 inches in diameter may require D.I.P., as well as an inspection by a Professional Engineer representing the municipality in which the service is being constructed.

- b. Each water service shall be in its own trench with 10' (minimum) of horizontal separation from the sanitary service or main, and be at a minimum depth of 5 feet. Where this is not possible, refer to Fox Metro's sewer and water separation detail and the Illinois Plumbing Code.
- c. Water shut-offs shall be placed outside of driveways, curbs, sidewalks, or any surfaced area.
- d. Fire lines, usually made of D.I.P., shall not be inspected by Fox Metro W.R.D.

Construction

- 11. All commercial plans, which are submitted to the local municipality for their review, shall also be submitted to Fox Metro for review. Once our review has been completed, a "yellow card" will be required by the local municipality in order to release the building permit.
- 12. All construction, including bedding stone, fittings, pipe, chimney & manhole seals and testing must meet Fox Metro Water Reclamation District, Standard Specifications for Water and Sewer Main Construction in Illinois or Illinois Plumbing code for services, which ever is more stringent.
- 13. If any public water or sewer mainline is damaged or broken during excavation, you must notify the owner immediately. Any broken or damaged municipal utility will require repair approval and inspection by that municipality. In addition, a repair permit and inspection by Fox Metro W.R.D. shall be required for any damaged water or sanitary service.
- 14. All sanitary sewer main construction must have an ILEPA permit and plan approval letter on file at Fox Metro Water Reclamation District prior to commencing of any construction. Please call our office to verify this.
- 15. An approved set of plans must be on site during construction.
- 16. Any change from approved plans, specifications, or additions must be requested and become subject to approval on a case-by-case basis.
- 17. Where a new home is constructed on any lot where the sanitary service is made of rigid materials such as vitrified clay, cast iron, or ductile iron, said service will be required to be removed to the public main or lined.
- 18. The use of ductile or cast iron pipe is not allowed for the use of gravity sewers in the Fox Metro Water Reclamation District and will not be allowed on approved construction plans. If D.I.P. or C.I.P. is proposed on your plans marked as "FOR CONSTRUCTION", please contact Fox Metro's engineering department at (630) 301-6882. All D.I.P. or C.I.P. which is installed shall be removed and replaced with P.V.C. SDR 21 ASTM D-2241 or DR 18 C-900 or C-905 depending on depth.
- 19. No glued joints shall be allowed outside the foundation wall.
- 20. The local municipal owner must be contacted to check the sewer main before any individual or company rods a building sewer service line. This only applies in "back up" situations to insure the main sewer is not surcharged.