

Superintendent: Bob Hathcock  
Operations Supervisor: Terry McDaniel

### **2018 RESIDENTIAL WATER TAP PROCEDURES**

1. Tap fee's must be paid at least 24 hours in advance of tap scheduling. Fee's for a ¾" meter is \$1,521 per unit. Fee's for a 1" meter is \$1,626, per unit. The contractor or developer must also provide the physical address and lot number of the tap location when registering with the District office.
2. The tap fee includes the right to connect to the District system and a security deposit. The District will perform the tap and provide the main line saddle, corporation stop and water meter. Saddles exceeding 10" diameter must be furnished by the contractor.
3. **The contractor or developer must furnish and install the following:**

**18" x 30" PVC meter pit with cast iron ring and radio-read lid, (Single Meter Pits)  
¾" or 1" brass Ford or Mueller brand setter with single check (backflow)  
¾" or 1" K Copper to extend from the setter to 1' past the main line**

Meter pits shall be set 3.5' to 4' from the main, but no meter pit shall be set further than 10' from the curb or edge of the roadway. In any event all meter pits must be set within the utility easement.

Meter setters must be a minimum of 15" below the ground level, but no more than 25". All piping must be installed to a minimum depth of 42".

The contractor/developer must leave at least 1' of service line piping past the main to connect the service line to the main without undue efforts and/or splices to the service line. If insufficient amount of piping is found at the time of connection/inspection, or materials are not installed as indicated, the tap will be denied and connection will need to be rescheduled. **A second return trip to find unsatisfactory installation will result in a \$25.00 service charge for re-scheduling of connection.**

**All water and/or sewer connections must be inspected by District Staff and Staff must verify that all installation procedures and regulations have been implemented in order to receive water and/or sewer services.**

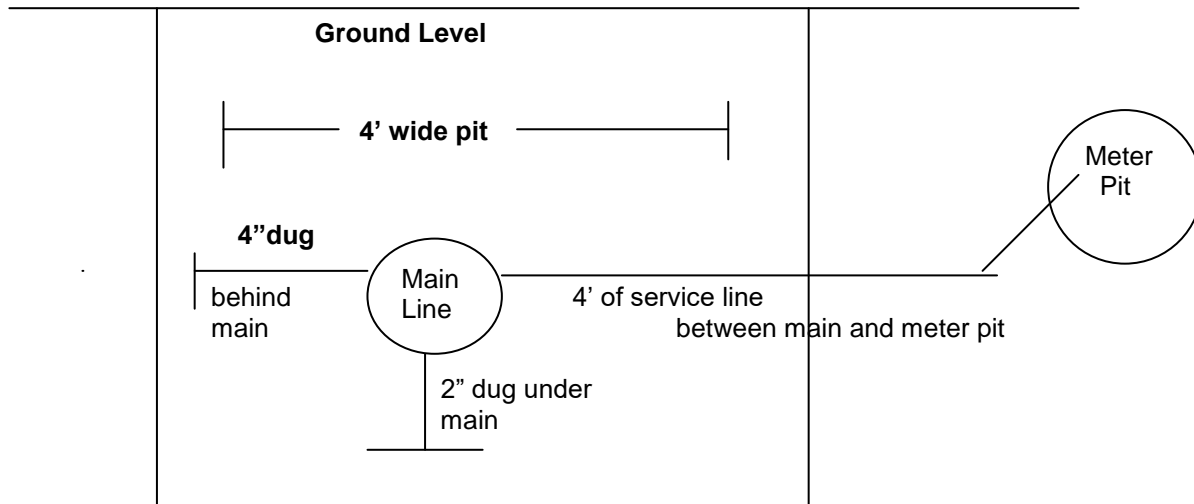
4. **PER LEGISLATIVE CHANGES – MEMBER UTILITIES – 319.033:**

*Effective January 1, 2016, Sewer and water system owners **MUST** install or ensure that tracer wire AND an access point is installed within the public right-of-way for any newly installed or fully replaced facilities. A full description of the new rule is listed on page 6 of the District's Rules & Regulations and is available upon request.*

## P.W.S.D. #1 Residential Water Tap Procedures, Cont'd.

5. The Contractor/developer is responsible for exposing the main line to allow District personnel to tap the main and connect the piping. The exposure opening must be at least a 4' wide pit.

The main must be exposed as the diagram below indicates to allow proper installation of the saddle. Copper extending from the meter pit to the main must run at least 4' before the main with no bends in piping! Failure to expose the main as indicated will result in District denial of connection and rescheduling.



**\*\* Tracer Wire (#12 Copper Wire) to be placed from the Main Line to Meter Pit and from the Meter Pit to the Residence.\*\***

These procedures were designed to simplify tapping procedures for the contractor/developer and are not intended to replace or affect the validity of the Rules and Regulations of Public Water Supply District No. 1 of Franklin County as executed by the Board of Directors.

Copies of the Rules and Regulations are available upon request and at the District's Website: [www.krakowwater.com](http://www.krakowwater.com).

**PWSD # 1 of Franklin County, Missouri  
RULES AND REGULATIONS**

**ADDENDUM 1 - Effective August 26, 2015**

**LEAD BAN**

Be it ordained by the governing body of the Public Water Supply District # 1 of Franklin County, state of Missouri:

Section I. Lead Ban – General Policy

- A. Purpose. The purpose of this ordinance is:
- 1) To ban the use of lead materials in the public drinking water system and private plumbing connected to the public drinking water system; and
  - 2) To protect city residents from lead contamination in the city’s public drinking water system and their own private plumbing systems.
- B. Application. This rule shall apply to all premises served by the public drinking water system of the Public Water Supply District # 1 of Franklin County, Missouri.
- C. Policy. This rule will be reasonably interpreted by the water purveyor. It is the purveyor’s intent to ban the use of lead based material in the construction or modification of the District’s drinking water system or private plumbing connected to the District’s system. The cooperation of all consumers is required to implement the lead ban.

Section II. Definitions

- A. The following definitions shall apply in the interpretation and enforcement of this ordinance.
- 1) “Consumer” means the owner or person in control of any premises supplied by or in any manner connected to a public water system;
  - 2) “Lead base materials” means any material containing lead in excess of the quantities specified in Section II. A. 3;
  - 3) “Lead free” means:
    - A. In General.
      - 1) When used with respect to solder and flux, refers to solders and flux containing not more than 0.2 percent (0.2%) lead; and
      - 2) When used with respect to pipes and pipe fittings, refers to pipes and pipe fittings containing not more than 0.25 percent (0.25%) lead.
    - B. Calculation  
The weighted average lead content of a pipe, pipe fitting, plumbing fitting, or fixture shall be calculated by using the following formula: For each wetted component, the percentage of lead in the component shall be multiplied by the ratio of the wetted surface area of that component to the total wetted surface area of the entire product to arrive at the weighted percentage of lead of the component.

The weighted percentage of lead of each wetted component shall be added together, and the sum of these weighted percentages shall constitute the weighted average lead content of the product. The lead content of the material used to produce wetted components shall be used to determine compliance with paragraph (A)(2). For lead content of materials that are provided as a range, the maximum content of the range shall be used.

4) "Public drinking water system" means any publicly or privately owned water system supplying water to the general public which is satisfactory for drinking, culinary and domestic purposes and meets the requirements of the Missouri Department of Natural Resources; and

5) "Water purveyor" means the owner, operator, or individual in responsible charge of a public water system.

6) "Exemptions"

(A) pipes, pipe fittings, plumbing fittings, or fixtures, including backflow preventers, that are used exclusively for non-potable services such as manufacturing, industrial processing, irrigation, outdoor watering, or any other uses where the water is not anticipated to be used for human consumption; or

(B) toilets, bidets, urinals, fill valves, flush-o-meter valves, tub fillers, shower valves, service saddles, or water distribution main gate valves that are 2 inches in diameter or larger.

### Section III. Lead Banned from Drinking Water Plumbing

A. No water service connection shall be installed or maintained to any premises where lead base materials were used in new construction or modifications of the drinking water plumbing after January 1, 1989.

B. If a premises is found to be in violation of Section III. A., water service shall be discontinued until such time that the drinking water plumbing is lead free.