



CITY OF COEUR D'ALENE

CITY HALL, 710 E. MULLAN
COEUR D'ALENE, IDAHO 83814-3958
(208)769-2281 FAX (208)769-2338

WASTEWATER DEPARTMENT

765 W. Hubbard Ave.
Coeur d'Alene, ID 83814

Policy #:	Title:	Effective Date:
716	SEWER SERVICE CONNECTIONS AND DISCONNECTIONS TO CITY PUBLIC SEWER MAINS	December 1, 2020

PURPOSE

The intent of this policy is to provide the design standards for installing sewer service lateral connections to the City of Coeur d'Alene Wastewater Department's public sewer mains and to establish the requirements for the disconnection and abandonment of service lateral connections to City public sewer mains.

REFERENCE

This policy will replace and supersede any prior policies, and will supplement the City of Coeur d'Alene's Standard Drawings, and the most currently adopted Idaho State Plumbing Code.

POLICY

I. APPLICABILITY

This policy is applicable to the design and construction of all existing and future sewer service **lateral connections** to the City of Coeur d'Alene public sewer mains that are, or are intended to be, owned, operated and maintained by the City of Coeur d'Alene and the Wastewater Department.

II. POLICY STATEMENT

The intent of this policy is to establish the requirements for the construction of all connections and disconnections of sewer service laterals (Privately Owned) to the City public sewer mains. These requirements will ensure the structural integrity of the piping connection, minimize the potential for root intrusion, and provide for the long-term operation and maintenance and functionality of the Wastewater Department's sewer mains and privately owned sewer service laterals. Refer to the Building Department and

the Idaho State Plumbing Code for all requirements that may apply to sewer service lateral work and privately owned sewer mains.

- A. Only one appropriately sized service lateral will be allowed to serve each legally recognized parcel (lot). **“One Lot...One Lateral”**. Installation of “extra” sewer service laterals for future use on any singular parcel is prohibited.
- B. Sewer service taps or lateral connections will only be allowed to be directly connected on City public sewer main(s) fifteen inches (15” or less) in diameter. Sewer service taps or lateral connections on City public sewer main(s) larger than 15” require approval from the Wastewater Department. This approval must be obtained prior to making the sewer connection.
- C. All sewer service connections that are installed as part of the construction of new City public sewer mains shall only use appropriately sized ‘in-line’ tees of the same type and materials of the sewer main.
- D. All sewer service taps or lateral connections on existing City public sewer mains shall be saddle-type sewer service connection with a circular hole drilled into the City public sewer main. Remove the coupon of the City public sewer main and submit as evidence of the “cored” hole in the City public sewer main during the Wastewater Department’s inspection of the sewer service connection. Provide forty-eight (48) hours’ notice to schedule Wastewater Department inspection. The sewer lateral piping upstream and beyond the connection will require the City of Coeur d’Alene Building Department’s inspection. Coordinate separate inspections with the Wastewater Department and Building Department.
 - 1. The acceptable sewer service saddle for all concrete or clay City public sewer main(s) is a style ‘CB’ sewer saddle, manufactured by ROMAC Industries or approved equal. Wastewater Department approval must be obtained prior to making the connection. See City of Coeur d’Alene Standard Drawings.
 - 2. For connecting to PVC and CIPP rehabilitated City public sewer main(s), the acceptable sewer saddle is an appropriately sized PVC PSM Saddle Tee manufactured by GPK Industries, Inc. or approved equivalent. The sewer service saddle shall be installed according to the manufacturer’s recommendations and care shall be taken to ensure that a water tight seal between the PVC pipe or CIPP Liner pipe and saddle is maintained. See City of Coeur d’Alene Standard Drawings.
- E. Sewer service taps and sewer laterals shall be located perpendicular (90 degrees) to the City public sewer main and shall extend perpendicular from the main to the property to be connected whenever possible. Sewer laterals traversing across an adjacent or another’s property will not be permitted as much as possible.

- F. All sewer service taps and lateral connections shall enter the City public sewer main as close to “10 o’clock or 2 o’clock” as possible, assuming the bottom of the pipe is “6 o’clock” and the top of the pipe is “12 o’clock”. Sewer service connections will not be allowed to be located below the ‘spring-line’ of the public sewer main piping without prior approval from the Wastewater Department.
- G. New sewer laterals or replaced sewer services will not be allowed on City public sewer mains ending with cleanouts, lamp holes, temporary tees or other equivalent terminus structures until said structures are replaced with a public sewer manhole conforming to the City of Coeur d’Alene Standard Drawings.
- H. All unused or damaged sewer service connections on the City public sewer main(s) shall be disconnected and the sewer lateral abandoned in the following procedures:
 - 1. The sewer service lateral (pipe) to be abandoned shall be severed as close to the City public sewer main connection as practical (within 12-16”) in order to install a plug or cap on the section of sewer service lateral still connected to the sewer main.
 - 2. The plug or cap to be installed shall provide a watertight seal and shall be designed and constructed to prevent groundwater, earth material and root intrusion from entering through the abandoned sewer service connection.
 - 3. Where existing conditions will not allow the use of a plug or cap, the proposed method of disconnection shall be reviewed and approved by the Wastewater Department on a case by case basis.
- I. All sewer service connections and disconnections shall require a Plumbing Permit from the City of Coeur d’Alene Building Department. Wastewater Department inspection is only required on the sewer service tap connection and disconnections. Provide forty-eight (48) hours’ notice to schedule Wastewater Department inspection.

RESPONSIBLE DEPARTMENT

The City of Coeur d’Alene Wastewater Department shall be charged with the implementation and enforcement of this adopted policy.