

**1. SUBJECT: ABANDONMENT OR REUSE OF EXISTING PRIVATE DRAIN CONNECTIONS****2. DEFINITION**

A “private drain connection” (PDC) is a privately owned gravity pipe carrying storm and/or sanitary flows from private property to the municipal sewer mains and includes the following: the tee or tap into the municipal sewer, the entire pipe from the municipal sewer to 3 feet (1.0 meter) inside the building, the cleanout tee fitting, the riser, and the cap / cover of sampling manhole with frame and cover.

**3. DRAWINGS**

AS-313 – Private Drain Details (Single)

AS-566 – Wye Connections to Combined Sewers

**4. BEST PRACTICE**

A developer or property owner shall use existing PDC’s where possible and abandon any PDC’s that may become redundant following the development. All backfill and restoration shall be to City Standards.

**Reuse of Existing PDC’s:**

- a) Reuse of an existing PDC to service a property may be permitted where said PDC has been video inspected, at the developer’s entire cost, and approved by the City Engineer (or designate) to ensure its suitability for reuse.
- b) Reuse of an existing PDC shall be at the risk of the developer.
- c) Re-lining or other trenchless methods of repair may be considered for existing PDC’s at the discretion of the City Engineer. The developer will be required to provide a video inspection & report for review by the City Engineer to determine the appropriateness of the proposed trenchless method.

**Abandonment of Existing PDC’s for New Developments / Demolitions:**

Any existing PDC which becomes redundant following the requirement of a pdc replacement, property severance, merging of properties, development or demolition of a property, shall be abandoned as follows:

- a) *PVC material only* – PDC shall be exposed and capped at the property line for potential future use
- b) *Material other than PVC* – Provide video inspection & report of the associated connection(s) for review and determination of appropriate abandonment method:
  - i. PDC to be disconnected from the main. Main to be repaired as approved by the City Engineer and connection to be filled with grout to the property line.
    1. If the mainline pipe diameter is 15” (375mm) or less, the tee should be removed and the main repaired.
    2. If the mainline pipe diameter is greater than 15” (375mm), the PDC shall be capped or plugged at the first joint after the tee without removal of said tee.
  - ii. If the PDC is determined to be fit for reline by the City Engineer, it shall be exposed, relined and capped at the property line for potential future use.

Sewer Information

Permits will be required from the Engineering Department (for work in the right-of-way) and from the Building Department (for work on private property). Property owners can request a sewer information sheet from the Right-of-Way Division, which will provide any records related to their private drain connections and the available municipal sewers fronting their property.

Variance from Best Practice

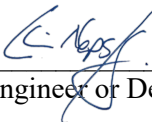
Any variance of this Best Practice will be at the discretion of the City Engineer based on unique circumstances.

**5. RELATED BEST PRACTICES**

N/A

**6. RELATED CITY STANDARDS**

- S-1 – Sewers
- S-3 – Earth Excavation (Grading) and Structural Removal
- S-4 – Granular Base & Aggregates
- S-5 – Concrete Curbs and Gutter Systems
- S-6 – Concrete Sidewalk and Driveway Approaches
- S-7 – Concrete Pavement and Concrete Base
- S-9 – Concrete
- S-10 – Construction Specification for Hot Mix Asphalt
- S-14 – Sodding
- S-15 – Seeding
- S-24 – Unshrinkable Backfill
- S-29 – Utility Cuts Restoration
- S-32 – CCTV Sewer Inspection
- S-34 – Topsoil
- S-35 – Replacement of Private Drain Connections
- S-36 – Preservation of Trees



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City Engineer or Designate

September 9/2022

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Date