

1. SUBJECT SANITARY SAMPLING MANHOLE**2. DEFINITIONS**

A sampling manhole is a manhole installed on a sanitary private drain connection or downstream of an oil/grit separator, trap, or other water quality measure. The manhole is used by the Corporation to sample the quality of the discharge to the municipal sewer system.

A sanitary private drain connection (PDC) is a pipe which connects the internal plumbing (sanitary flows) of a site to the municipal sanitary sewer.

3. DRAWINGS

Sanitary Sampling Manhole (Sketch Attached)

AS-313 – Private Drain Details (Single)

AS-314A – Pre-cast maintenance hole – 1200mm diameter

4. BEST PRACTICE

A sanitary sampling manhole may be installed at the sanitary PDC at the property line for any non-residential site to the satisfaction of the City Engineer.

The sampling manhole shall be a 1200mm (48”) diameter pre-cast concrete manhole in accordance with city of Windsor Standard Drawing AS-314A.

Where the invert of the sanitary PDC is 1.5m (5ft) or less below finished grade, a 600mm (24”) manhole or station may be permitted in the place of the standard manhole.

Where the City Engineer determines that underground utilities and building location would prevent the installation of a sampling manhole, a standard 150mm (6”) cleanout may be permitted with the permission of the Manager of Environmental Quality.

Where there is a terminal municipal sanitary manhole adjacent to a property, and there is evidence of the sanitary private drain connection from the subject lands being connected to the said terminal manhole, the same terminal manhole may satisfy the requirements for a sampling manhole.

5. RELATED BEST PRACTICES

Connections to Combined Sewers – Non-Residential – BP1.1.1

6. RELATED CITY SPECIFICATIONS

S-1 – Sewers

S-2 – Manholes, Catchbasins, and Adjustments

Mario Sonego
City Engineer or Designate

June 12, 2012
Date

Attachment - Sketch

Sanitary Sampling Manhole

