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Technical Bulletin TB2101

Polypropylene Pipe for use within Stormwater Systems

The purpose of this technical bulletin is to provide guidance to designers and constructors relating to the use of polypropylene pipe within stormwater systems. The guidance provided below is intended to complement the existing City of Barrie Storm Drainage and Stormwater Management Policies and Design Guidelines and associated BSD. These changes reflect evolving industry practices.

Effective immediately the use of dual and triple walled, dual gasketed polypropylene pipe meeting OPSS-MUNI-1843 is approved for use in buried stormwater systems.

- Polypropylene pipe shall not be used in applications where ends are exposed.
- Materials conform to OPSS-MUNI-1843
- Fittings and connection shall be made with factory made tees or saddles in strict accordance to manufacturers' guidelines.
- Bedding to conform to OPSD 806.030 Height of Fill – Dual and Triple Walled Corrugated Polypropylene Gravity Sewer Pipe.
- Testing and inspection of all installed polypropylene pipe segments in accordance with section 6.0 of the City of Barrie Storm Drainage and Stormwater Management Policy and Design Guidelines

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