

Guidelines for Supply of Stormpond Water for Irrigation Use

In response to the supply challenges in our current climate, Water Resources is implementing a temporary relaxation of the requirements as set out in Section 1.1.4 of the Stormwater Irrigation Guidelines. This temporary relaxation is meant to maintain a level of compliance to the Canadian National Standards while also supporting the build-out of City infrastructure.

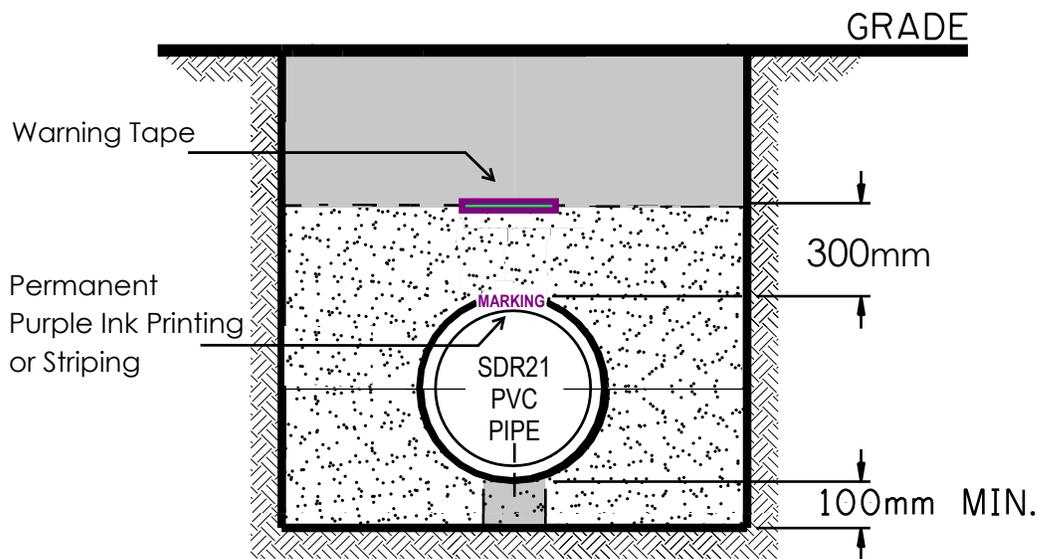
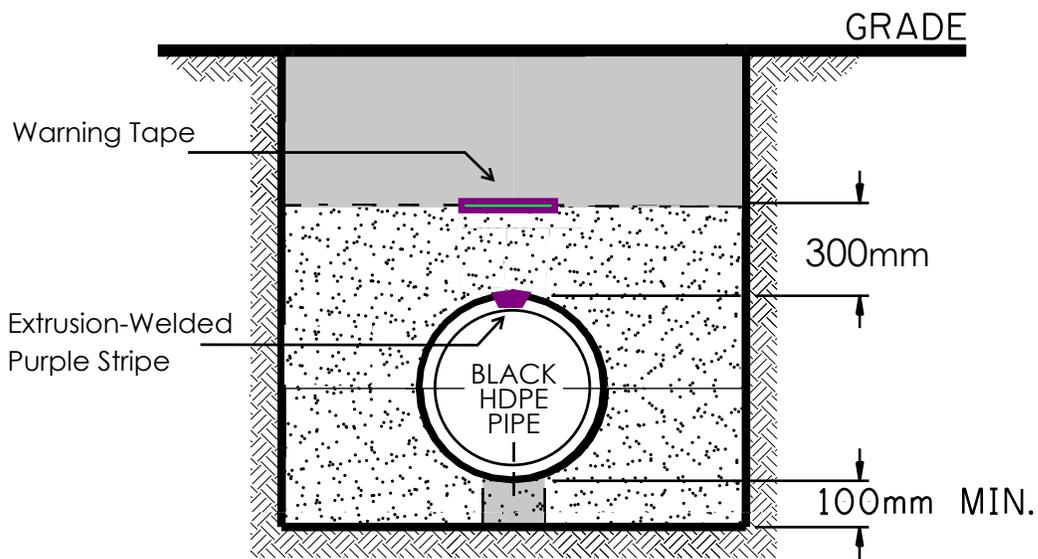
The existing requirement for irrigation piping and fittings is to be purple body PVC Series Pipe SDR21, or HDPE 4710 resin pipe with four extruded purple stripes. If procurement of the as-specified pipe is demonstrated to be impractical or cost prohibitive, Water Resources will allow a substitution. The substituted installations are to be identified with one continuous run of warning tape installed about 300mm above the pipe with one of the following:

- **PVC Series Pipe SDR21** marked with one continuous, purple-coloured stripe print, **or** be white and have a print stream of “WARNING: NON-POTABLE WATER - DO NOT DRINK” printed at intervals of not more than 1.5m apart.
- **HDPE Pipe 4710 resin** marked with one continuous, purple-coloured stripe extrusion welded onto the pipe top. The stripe shall be of sufficient width for easy recognition.

All markings shall be permanent, distinct, and easily recognizable. The warning tape shall have a detectable metal foil layer on a purple background.

Refer to next page for illustrations of the above.

The proposed timing for implementation of the temporary relaxation is immediate, and will be revisited one calendar year from date of issuance. For more information, please contact Chadi Darwish, Indemnification & Engineering Technologist – Standards and Agreements at chadi.darwish@calgary.ca or May Cayanan at may.cayanan@calgary.ca



NOTES:

- * Warning Tape shall display the marking: "WARNING: NON-POTABLE WATER - DO NOT DRINK" OR "CAUTION: NON-POTABLE WATER LINE BELOW" in bold black or metallic letters over a purple background. Refer to Section 402.01.07 for approved vendors.
- * All purple markings shall be permanent, distinct and easily recognizable.
- * Both Warning Tape and Markings must be present to comply with the Specifications.

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No.	Date	Revision	App'd

Date

Scale
N.T.S.

Approved by



for The City of Calgary

SEWER CONSTRUCTION

**IRRIGATION PIPE
INSTALLATION AMENDMENT**

Sheet
File Number