

Director's Guideline

Building Act 2016

On-Site Wastewater Rising Main (PE) Pipework Requirements

DG No 002 of 2018
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Purpose

To provide clarity on the pipework specification required for Polyethylene Pipework (PE) to be used in pumping primary treated effluent (black water).

Issue

In 2017 Tasmanian Wastewater designers sought clarification on the (PE) pipework specification required for pumping primary treated effluent (black water) to land application areas.

Requirements

AS/NZS 4130—2009 *Polyethylene (PE) pipes for pressure applications* and AS/NZS 4129—2008 *Fittings for polyethylene (PE) pipes for pressure applications* provides details on the correct characteristics of (PE) effluent pumping rising main pipework and fittings for pressure applications. Those requirements are; AS/NZS 4130 Clause 8.2.1.5 “*The colour of stripes or jackets for pipes for pressure sewer applications shall be cream. The colour shall be neither lighter than RAL 080 90 20, nor darker than RAL 075 80 20*”.

Note

It should be noted also that other materials such as UPVC – AS/NZS 1477—2017 *PVC pipes and fittings for pressure applications* are also suitable for pressure applications so the choice for a designer is not limited purely to PE pipes and fittings. The above does however address the issue at hand for which the colour denotes the characteristics and suitability of the PE pipework in such applications.

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