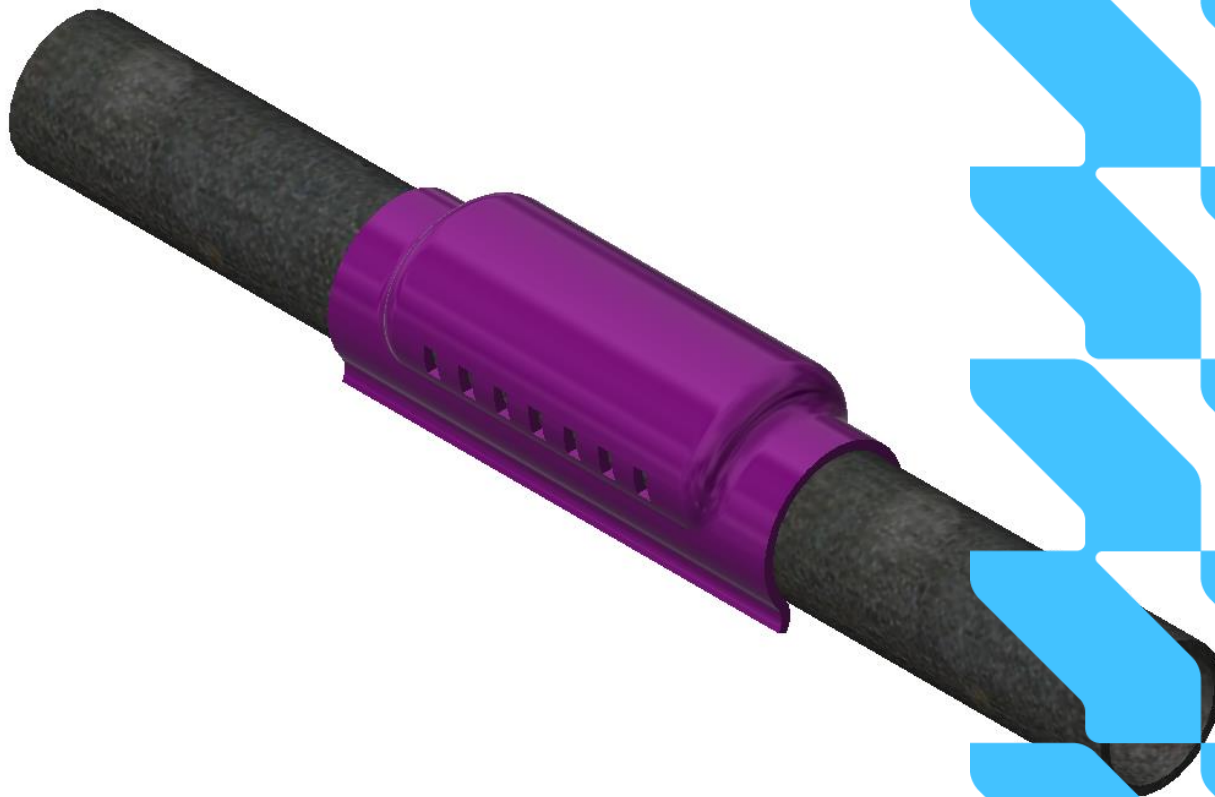


SQUIRT GUARDS



Waterflow Specifications

SQUIRT GUARDS

NaturalFlow Wastewater Treatment Systems frequently use Low Pressure Drip Irrigation (LPED) dripline. This dripline requires squirt guards to prevent spraying in the disposal area.

Traditional squirt guards are cut from 65mm drain coil. These are cut into 300mm long 'squirt guards' which are threaded over the pipe and pinned over the holes in the LPED system. In subsurface situations, either 600mm long or full length drain coil sections have been used; this prevents the holes clogging with soil and is intended to spread the distribution. Threading sections onto the dripline is time consuming, and full-length sub surface drain coil has caused unequal distribution resulting in ponding and breakout.

The new generation of squirt guard is now available. The Natural Flow squirt guards are a smart clip-on system, allowing the lines to be pinned, drilled and then squirt guard fitted; in that order. We have found this process to be faster and more efficient than the traditional way. This new method also allows the installer to ensure all holes are drilled on the top of the line, which improves the distribution across the field.

The same method can be used in subsurface situations, with no requirement for drain coil. The catchment in the squirt guard, coupled with larger discharge holes, makes this an effective way of infiltrating the soil with effluent. Removing the drain coil has reduced tracking along the LPED trenches, reducing the likelihood of break out and ponding.

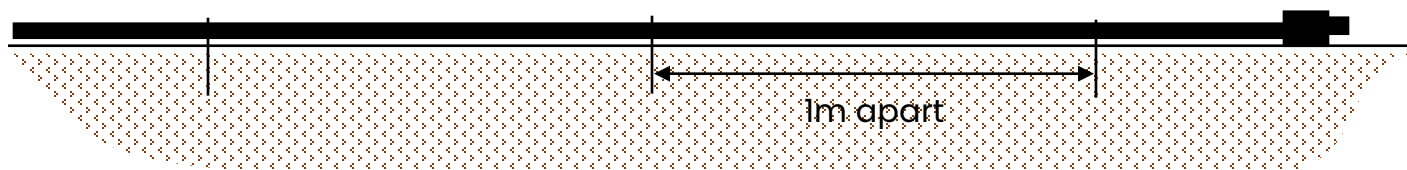


Waterflow Specifications

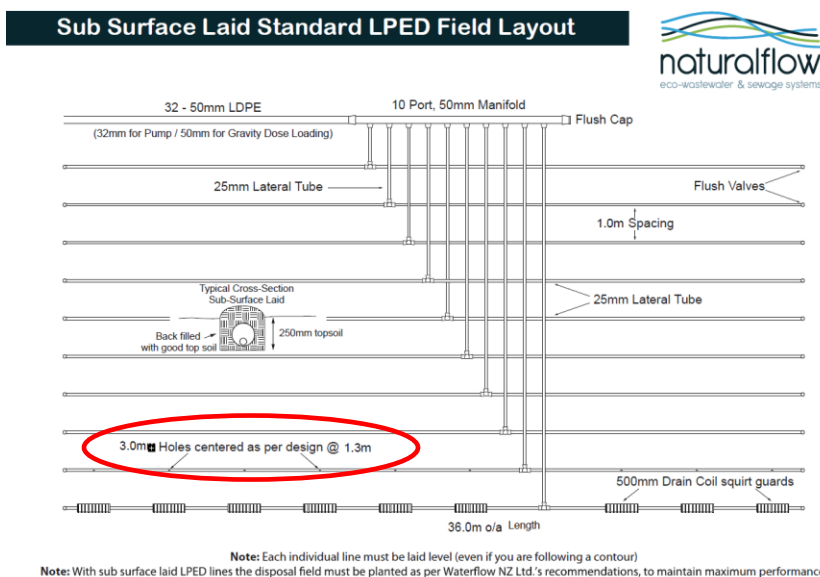
SQUIRT GUARDS

Installation of Squirt Guards

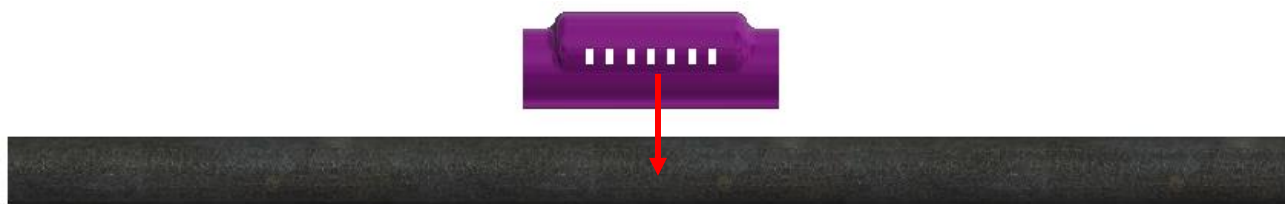
1. Lay LPED lines and pin to the surface with weed mat pins.



1. Drill holes in dripline as per design specification. Holes drilled through the top of the line only.



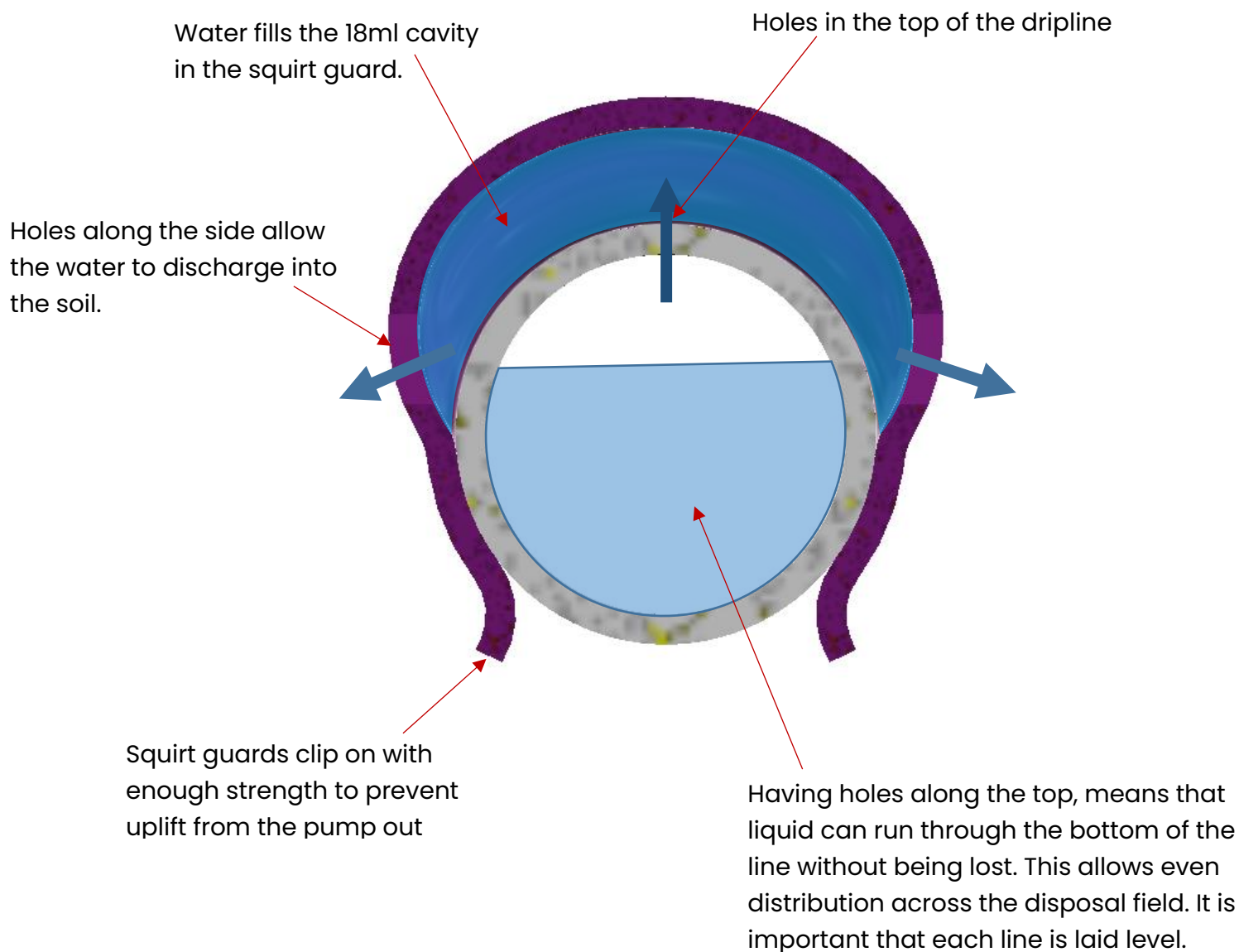
2. Clip on Squirt Guards over each hole drilled in the dripline.



Waterflow Specifications

SQUIRT GUARDS

Squirt Guard Cross Section





WaterFlow

Bringing Clarity to Wastewater

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