



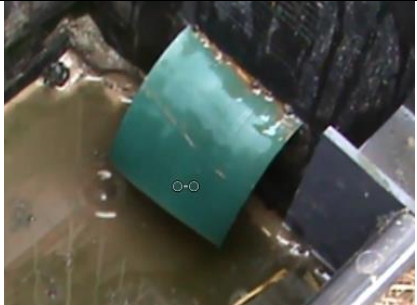


## CASE STUDY

### Restricted Depth Rules Out Ag Pipe: Concrete Slab

<b>Location</b>	Bayside Drive, Lauderdale, Tasmania	
<b>Problem</b>	Water lying against the slab. It is feared that water will seep down between the foundation and the slab.	
<b>Diagnosis</b>	<p>Water flows down the bank and pools against the slab because it cannot get away –</p> <ul style="list-style-type: none"> <li>The sump pit is too high to take surface drainage</li> <li>The exit pipe from the sump is too high to allow water that might flow through an Ag Pipe to enter the pit.</li> </ul>	
<b>Treatment</b>	<ul style="list-style-type: none"> <li>Lay 10 metres of 10cm wide Capiphon belt along the foundation and adjacent to the slab.</li> <li>Ensure 2% slope with thin layer of coarse sand.</li> <li>Cut slot into side of the pit, and insert belt.</li> </ul>  <ul style="list-style-type: none"> <li>Cover with more sand. Restore surface with chosen material.</li> </ul>	 
<b>Capiphon Advantage</b>	<ul style="list-style-type: none"> <li>No excavation.</li> <li>The alternative would be to dig a trench at least 10cm deep, lay Ag pipe (with sock) on a bed of gravel/aggregate, and cover with geotextile before covering with final material.</li> <li>Lower the exit pipe from sump pit to accommodate extra depth of Ag Pipe.</li> <li>This would not be possible without digging under the adjacent gabion wall and lowering the trench/pipe across the existing garden.</li> </ul>	
<b>Results</b>	<ul style="list-style-type: none"> <li>Total time taken: less than 30 minutes.</li> <li>10 metres of Capiphon belt.</li> </ul>	 <p style="text-align: center;">Water dripping from Capiphon belt.</p>