

CASE STUDY

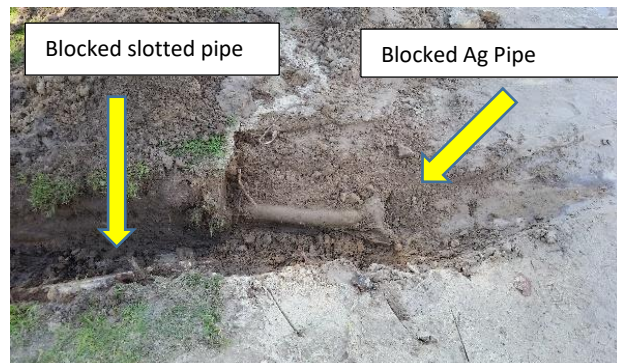
Golf Course Bunkers

Location: Leonay Golf Course, NSW

A number of bunkers on the course did not drain after rain. The bunker sand has a high clay content with a hard-pan underneath.

The problem is exacerbated by the minimal slope across the course. Several unsuccessful attempts using Ag Pipe and slotted pipe had been made over the years. In one case, there were three slotted pipes and an Ag Pipe in the same bunker.

Normally, even rainfall of less than 10mm would collect in the bunkers and remain there for several days.



Two bunkers, one on either side of the same green (Hole 6), were chosen for the trial. One was drained using Capiphon.; the other was left untouched. The drainage was observed during the day of rain and for several days later. The bunkers with Capiphon drained in a matter of hours while water remained in the untreated bunker for several days.

	SW bunker: NO Capiphon	NE bunker: WITH Capiphon
<p>9/6/2017 Recent rainfall of 25.2 mm has filled both bunkers with water</p>		
<p>14/6/2017 Five days later, approximately 80-90% of volume remains.</p>		

<p>15/6/2017 Capiphon Drainage was installed on the next day,</p>		
<p>1/8/2017 Rainfall of 9mm recorded Water accumulates in the bunker without drainage within hours of rainfall, but has drained from the bunker with Capiphon.</p>		
<p>4/8/2017 Rain finally stops. Water remains in the Bunker without Capiphon four days after rain but the bunker with Capiphon is completely dry.</p>		

[Installation proudly sponsored by Country Kit Homes, Emu Plains](#)

