CASE STUDY
Flooded Vegetable Garden

Location: Northlakes High School, San Remo, Central Coast of NSW,

The Problem

Agriculture block on school...heavy pooling after rain in between the raised vegetable gardens...pooling lasted for weeks making the gardens untenable.

The Solution

Shallow trenches, 10cm deep and on a 2% slope, were dug between the raised beds. A thin layer of coarse sand was sprinkled into the trench before laying the belt directly into the trench. The lengths of belt were then inserted into a 90mm stormwater collector pipe which was, in turn, connected to the stormwater system.

Results

After installing Capiphon, the pooling drains away within 24 hrs with the ground being dry enough for the students to walk on within 48 hrs.

Capiphon Advantage

- Shallow excavation by hand.
- Used only a small amount of coarse sand underneath the belt, instead of large quantity of aggregate.
- No geotextile fabric required.
- Backfilling by hand.