A low-flow channel will move water during smaller storms and upstream irrigation runoff during dry weather.

A clean soil layer, as well as new landscaping, will cover underlying materials.

This design shows how an impermeable barrier, or liner, will prevent storm water from merging with ground water.

An impermeable barrier, or liner, will prevent storm water from filtering downward and keep groundwater from discharging into the open channel.

There will be at least 3 feet of clean material above the liner.