



## Sports Field Irrigation System for Primary School

**Customer:** Seaforth State School

**Location:** Seaforth, QLD

**Case Study ID:** [CS-42](#)

**Date:** October 2013

### Overview

Dowdens Pumping and Water Treatment were engaged by Seaforth State School to design and build a customised Sports Field Irrigation System for use on the school's main sports oval.

### The Problem

The main challenge was designing and installing the system in conjunction with the existing, dated water supply facilities. All fabrication, aside from the tank, was undertaken in house by Dowdens Pumping & Water Treatment with all of the customer's contract stipulations being met successfully.

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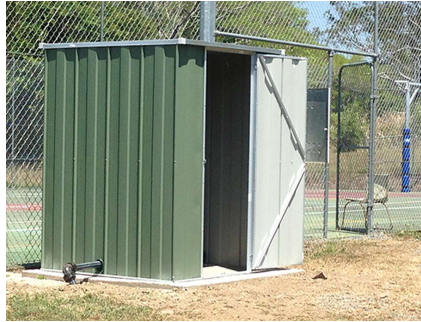
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## Our Solution

The final design was based on the need for the field to have a travelling irrigator to water the 158m x 93m plot. Seaforth State School requested that the pump have a power supply attached. All Trenching & Backfilling was included in the installation price.

## Key Components

- OCMIS Hard Hose Irrigator
- 25,000L poly water tank
- GRUNDFOS 1.5kW 415V 3 phase multi stage booster pump
- 415V Control Panel
- Seven Hydrant assemblies along mainline to allow for connection of 'travelling irrigator'



## Brands used in this project



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