

## COLLIER PARK WATER TANK CONCRETE REPAIRS

### LOCATION

Swan View, WA

### CLIENT

Shire of Mundaring

### PROJECT MANAGER

Nathan Tan

### DESCRIPTION

In late 2019, BUSS completed concrete repair works to three concrete water tanks in the Shire of Mundaring – Sawyers Valley, Salisbury Park and Darlington Oval. In January 2020, following on from the successful completion of the previous works, the Shire retained BUSS' services once again to complete concrete repair works to the water tank located at Collier Park in Swan View. This water tank was leaking due to multiple cracks and spalling of the concrete.

The Shire arranged for the tank to be drained and BUSS' team mobilised to site to complete the repairs once the tank had been emptied. The repairs were completed using a specialised system of repair mortars and products that comprised of impregnating crystalline technology which works to impede the passage of water and therefore prolong the serviceable life of the structure.

### POINTS OF INTEREST

- BUSS completed concrete repair works to four of the Shire's water tanks;
- Works included repairs to multiple areas of the tank; and
- Works were completed on schedule and to budget.



*Image 1: Water tank at Collier Park*



*Image 2: Concrete spalling at base of tank*



*Image 3: Defective concrete*