

South Gippsland DAFF Renewal Upgrades

Victoria, Australia

FILTEC

Making Water Safer

Project Snapshot



Client: South Gippsland Water



Capacity: 4 MLD (Devon North),
20 MLD (Lance Creek)



Technology: DAFF, Polymer Batching,
PLC/SCADA Integrations



Source Water: Surface Water



Completion: 2025

Project Outcomes

- ✓ Stainless-steel DAFF saturator replacement (Devon North)
- ✓ 316 stainless steel air dispersion manifolds (Lance Creek)
- ✓ Polymer batching system renewal
- ✓ PLC and control system upgrades
- ✓ Improved flotation stability and asset life

Two-Site Asset Renewal and Process Improvement

FILTEC was engaged as principal contractor to deliver coordinated dissolved air flotation (DAFF) upgrades at the Devon North and Lance Creek water treatment plants.

At Devon North, the existing saturator vessel had reached end of life due to corrosion. FILTEC supplied and installed a new stainless-steel vessel, reinstated instrumentation, completed electrical reconnections and hydrotesting, and supported plant restart and commissioning.

At Lance Creek, works included fabrication and installation of three new air dispersion manifolds within confined spaces, compressed air system modifications, and full replacement of the polymer batching system with integrated PLC controls.

Staged shutdown planning, testing and commissioning ensured safe reinstatement of operations while strengthening long-term treatment reliability across both facilities.

