

MidCoast Council Sewage Treatment UV Upgrades

Lansdowne, Coopernook,
Manning Point & Stroud, NSW, Australia

FILTEC

Making Water Safer

Project Snapshot

-  **Client:** MidCoast Council
-  **Project Type:** Brownfield Upgrade (Multi-Site)
-  **Technology:** Wedeco LBX UV, Electrical & Control Integration
-  **Source Water:** Wastewater
-  **Completion:** 2025

Project Outcomes

- ✓ Replacement of ageing UV systems
- ✓ Improved wastewater disinfection reliability
- ✓ Integrated mechanical and electrical delivery
- ✓ Brownfield installation within live operating plants
- ✓ Commissioning and Proof of Performance testing

Multi-Site UV Retrofit and Integration Delivery

MidCoast Council required upgrades to ageing UV disinfection systems across four sewage treatment plants at Lansdowne, Coopernook, Manning Point and Stroud to improve reliability and maintain compliance.

FILTEC delivered design, supply and installation of Wedeco LBX UV systems, including removal of existing equipment, stainless steel pipework modifications, electrical integration and PLC connectivity via Ethernet/IP.

Works were completed across live, brownfield sites within confined plant buildings, requiring staged cutovers and careful coordination to maintain operations. Commissioning included functional testing, system integration verification and Proof of Performance testing.

Operator training was provided to support effective operation of the upgraded UV systems across all sites. FILTEC continues to provide ongoing service and maintenance, including lamp replacement, and quartz sleeve cleaning, ensuring consistent long-term performance.

