CASE STUDY

PROJECT Facilities Management for Coal Mine
PRODUCT Water and wastewater operation
INDUSTRY Mining
LOCATION Queensland

BACKGROUND

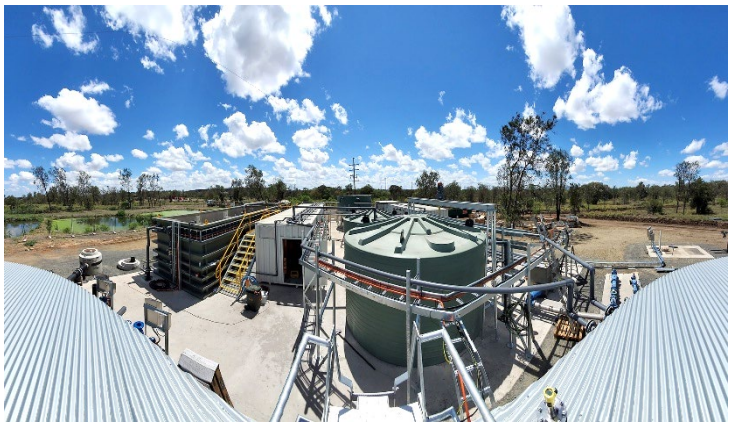
A coal mining client required dependable water and wastewater services across its Queensland mining operation. The scope included operating the wastewater treatment plant and potable water systems, coordinating mine-wide potable water delivery, and completing routine water quality testing and sampling. These essential services needed to remain operational every day of the year, to support safe mine operations, regulatory compliance and continuity in a remote, safety-critical environment.

SOLUTION

MAK Water provided continuous on-site facilities management coverage, with operators present 365 days a year to operate and maintain the assets. Our team facilitated the water treatment plant supplying potable water and completed planned testing and sampling to verify water quality and maintain required records.

MAK WATER KEY SOLUTIONS

- Integrated the operation and maintenance of wastewater treatment and water treatment assets.
- Daily on-site operator presence for service continuity, rapid response and coordination with mine operations.
- Completed planned water quality testing, sampling, monitoring and record keeping.
- Preventive and corrective maintenance focused on plant reliability, asset condition and uninterrupted service.
- Aligned operations with Queensland requirements, Australian standards and site procedures.



Water and wastewater treatment supporting mining operations

RESULTS AND BENEFITS

- **Reliable operations.** Delivered dependable potable water and wastewater services.
- **Reduced operational risk.** Continuous site coverage, monitoring and timely response.
- **Compliance support.** Controlled water treatment processes, documented testing and sampling, and consistent operational records.
- **Operational efficiency.** Combining treatment plant operation, potable water delivery, field sampling and maintenance.
- **Workforce health and site continuity.** Safe, dependable water services helped protect personnel and maintain mining operations.
- **Long-term service partnership.** Provided the client with an operational partner focused on safe delivery, sustainability and reliable asset performance.



MAK Water facilities management