

KUBOTA 500m³ STP

Brisbane West International Airport & Business Park



Transport and Industrial Infrastructure

- Australia's largest privately owned international airport and 230 industrial and business lots
- Overall project value of \$200 million
- Sewage treatment plant delivered in 100m³ stages
- Delivered on time and on budget

Key Challenges

- **Customisation** – Designed for staged delivery without compromised performance
- **Hydraulic Flows** – Highly variable flows based on seasonal fluctuations
- **Influent Strength** – High concentrations of contaminants in industrial business park wastewater
- **Cost Effectiveness** – Solution to provide whole-of-life cost benefits
- **Continuity** – Major transport infrastructure requiring uninterrupted operation

The Solution

- Kubota K-HC-R Advanced Treatment Plant
- High quality, disinfected effluent (Class A)
- Reliable and durable biological treatment process
- Cost effective operation
- Remote monitoring to ensure continuous service

