

EQUIPMENT FAILURE PREVENTED WITH FITMACHINE

CUSTOMER CASE STUDY – AUSTRALIAN WATER UTILITY

CASE STUDY SNAPSHOT

To reduce costs and improve their maintenance practices, this Australian water utility initiated a FitMachine pilot.

Implementing continuous condition monitoring across one of their primary sewerage treatment plants, our customer utilised FitMachine to monitor a range of blowers and pumps.

When over the course of 12 hours a blower motor demonstrated a rapid increase in overall vibration,

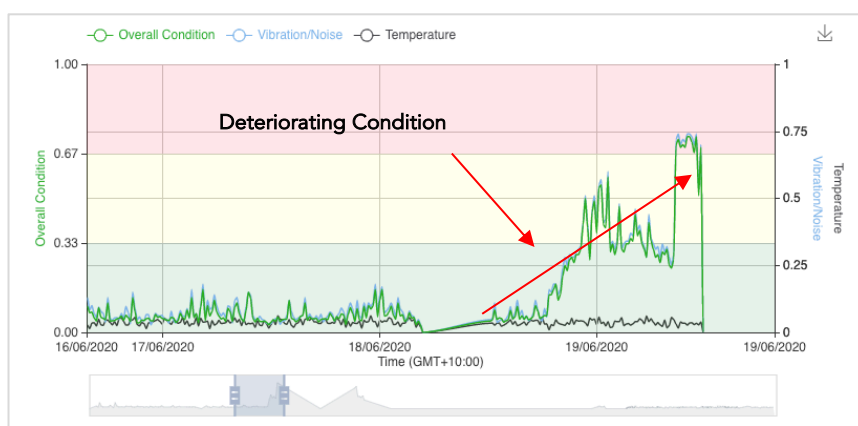
FitMachine alerted the maintenance team.

With the early warning, the maintenance teams could plan downtime to remove and send out the failing blower motor to rewinders for overhaul before any serious damage could occur.



"If we hadn't had the FitMachine the failure wouldn't have been picked up for another 4 to 5 weeks. Another month and we wouldn't have a second blower. This just shows that if FitMachine saves us millions in maintenance, then it's worth having."

MECHANICAL MAINTENANCE COORDINATOR
Brisbane Site



WANT TO KNOW MORE? CONTACT US AT sales@movus.com.au

ABOUT THE CUSTOMER

OPERATE ACROSS
14,383KM²

INDUSTRY



SERVICE OVER
1.5M
PEOPLE

\$5.8B
ASSET BASE


1,100+
EMPLOYEES

ESTABLISHED
IN
2010

A leading drinking water, recycled water and sewerage services provider, our customer is one of the largest water distributor-retailers in Australia. Named by BRW as one of the topmost innovative companies, this organisation is committed to enhancing the environment, our communities, water sustainability and exploring new and innovative ways of working.



OUTCOMES FOR THE CUSTOMER

- **IMPROVED MAINTENANCE PRACTICES**

With routine maintenance schedules, detection of equipment failure was predominantly undergone through site walk-arounds. With FitMachine however, continuous condition monitoring and degradation trendlines act as indicators for when equipment needs inspection.

- **INCREASED RELIABILITY**

The key value our customer has derived from FitMachine is the increased reliability and equipment visibility the solution has brought. For teams, confidence that their equipment is running smoothly and that potential issues can be promptly investigated is a significant outcome.

- **ASSET FAILURE PREVENTED**

Without FitMachine the asset would have run to fail. The critical shift in vibration would only have been detected by a passer-by; a difficult task when multiple blowers are running, and team members are wearing ear plugs for safety. Prevention of asset failure saved our customer a minimum of \$10 000 in equipment repair costs.

- **REDUCED MAINTENANCE COSTS**

A key reason for implementation was FitMachine's cost-saving ability and economical price. Accordingly, the customer finds value and worth in using the solution on equipment of all sizes as it can 'save millions in maintenance'.



WHY FITMACHINE®?

MOVUS FitMachine is a world-leading continuous condition monitoring solution.

Utilizing best-of-breed sensors, communications, artificial intelligence into a low-cost platform, FitMachine provides 24/7 digital oversight across a wide range of fixed rotating assets.

Fast Installation. No Tools Required. FitMachine can be deployed in minutes with condition data available within the hour.

No Need for IT. As a true end-to-end solution, the sensor, gateway, and cloud platform bring consumer-style simplicity into the most industrial environments.

Optimized Maintenance Operations. FitMachine allows customers to focus the attention of their maintenance team on proactive tasks rather than reacting to failures or following OEM preventive maintenance schedules.