



CONDITION BASED MONITORING SYSTEM IMPROVES OPERATIONAL EFFICIENCY AT A MUNICIPAL WATER TREATMENT PLANT

THE CHALLENGE:

A rural Alberta municipal water treatment plant has experienced an increased load on its rotating assets. The municipality, being proactive, was looking for a cost effective solution to aide them in predicting and preventing the unplanned failure of its equipment. They wanted to upgrade from a preventative maintenance program to a predictive regime based on vibration based condition monitoring.

THE SOLUTION:

Westpower integrated cost-effective Condition Based Maintenance (CBM) solution, backed by AVT Reliability's Machine Sentry platform. Our reliability solution for this customer, will provide a web based platform offering key performance indicators, insight into schedule compliance, asset health, and bad actor management.

EXPECTED RESULTS:

Improved equipment availability which means reducing operational expenditures, increased uptime, and improved service quality.



Leverage Westpower's network of Engineering & service expertise in rotating equipment developed over the past 25 years.

SERVICES INCLUDED IN WESTPOWER'S CONDITION MONITORING PROGRAM:

- Training for on-site staff & database set-up
- Hardware & software licenses
- Custom purpose-built for customer requirements
- Ongoing, remote diagnostic analysis & engineering support

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