Smarter Water and Wastewater Asset Management with OCWA

Our systematic approach helps municipalities extend asset life, reduce risk, and plan with confidence

Managing municipal infrastructure has grown increasingly complex. Communities are balancing aging assets, evolving regulatory requirements, and rising expectations for accountability and sustainability – all while working within tight budgets.

At the same time, the tools and data available to support decision-making have advanced significantly.

Water and wastewater systems – unlike other infrastructure – are production facilities and require a more sophisticated strategy for sustainable asset management.

OCWA helps municipalities navigate this complex infrastructure with confidence. Our systematic approach effectively manages the full lifecycle of your assets, protecting them today while preparing for tomorrow's demands.

The foundation of OCWA's approach is our Work Management System (WMS), powered by performance-based data. This means the insights we provide are grounded in how your assets actually perform – not just their age – so you can make smarter, more cost-effective decisions about your community's infrastructure.

BENEFITS

✅ Systematic approach ensures regulatory compliance and empowers confident, data-informed decisions

✅ WMS automates workflows and connects maintenance, asset condition, and forecasting/planning tools in one platform

✅ Real-time performance data drives proactive maintenance that reduces failures and extends asset life

✅ Data analysis and insights help guide capital planning/investment and AMP development

✅ Clear, actionable reporting supports client communication, planning and decision-making

✅ Integrated operational and engineering expertise delivers practical, on-the-ground results

Our industry-leading approach leverages operator and organizational experiences and procedures with proven technology solutions.

Asset Inventory & Validation
We start by building a detailed, barcode-tagged registry of your water and wastewater assets.

Performance Monitoring
Using our WMS, we track real-time data and assign performance scores to each asset. This enables proactive maintenance and early detection of issues.

Scorecards & Report Cards
Our visual tools summarize asset health and forecast future needs – helping you prioritize investments and communicate performance to stakeholders.

Asset Management Plans (AMPs)
Local operations teams and OCWA technical specialists build comprehensive AMPs that integrate performance data, financial forecasts/plans, and regulatory requirements.

Capital Planning
We develop multi-year capital plans that align with operational priorities and funding strategies, feeding directly into AMPs and financial models.

Lifecycle Analysis & Strategic Planning
Our approach uses performance and maintenance data to plan timely replacements and upgrades, ensuring long-term sustainability.

Rate Studies
Our teams can support long-term financial sustainability through tailored rate and funding models.

ASSET PERFORMANCE SCORECARD – SAMPLE

Asset – Performance Forecasts
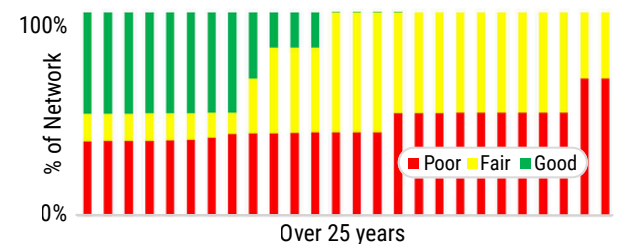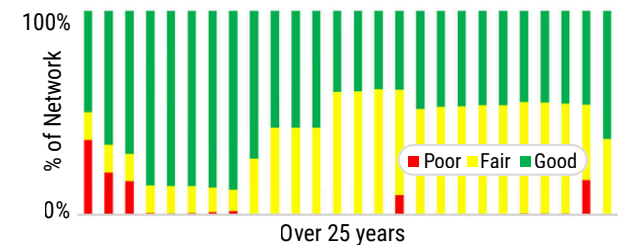
Figure 1: "Do nothing" Scenario

Figure 2: $195,070/year (Average spending in years 1 to 5), $90,372/year (Average spending in years 6 to 25)

Get in Touch

Contact your local Business Development Manager or email ocwa@ocwa.com to discuss your asset management needs and to schedule a demo of OCWA's Work Management System.

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