



Cityworks Data Driven Decisions

July 19, 2023

Agenda

- Asset Management Overview
- Current Status
- Data Collection
- Data Analysis
- Future Cityworks Goals
- Cityworks Admins and Supporting Staff
- Cityworks Demonstration

Asset Management Overview



- Asset – item, thing, or entity that has potential or actual value to an organization
- Optimizes cost and risk, allowing timely and fact-based decisions
- Asset management is a journey – not a destination
 - It is a business approach, a way of thinking. A full transformation of organizational alignment and culture.
 - The benefits are significant, but the implementation requires sustained commitment over the long-term.



Current Status



- Deployment in February of 2023
 - Deployment supported by Woolpert with full in person and remote training and technical support
 - Deployed for Water, Wastewater, WTRF, WTP, HMR and Nonpot
- Assets being tracked through Cityworks
 - 200,000+ horizontal assets fully migrated to Cityworks
 - 5,000 vertical assets and growing
- Cityworks engagement remains high since deployment
 - Processing an average of 175 work orders per month
 - Receiving an average of 25 service requests per month
 - Inspecting an average of 100 assets per month

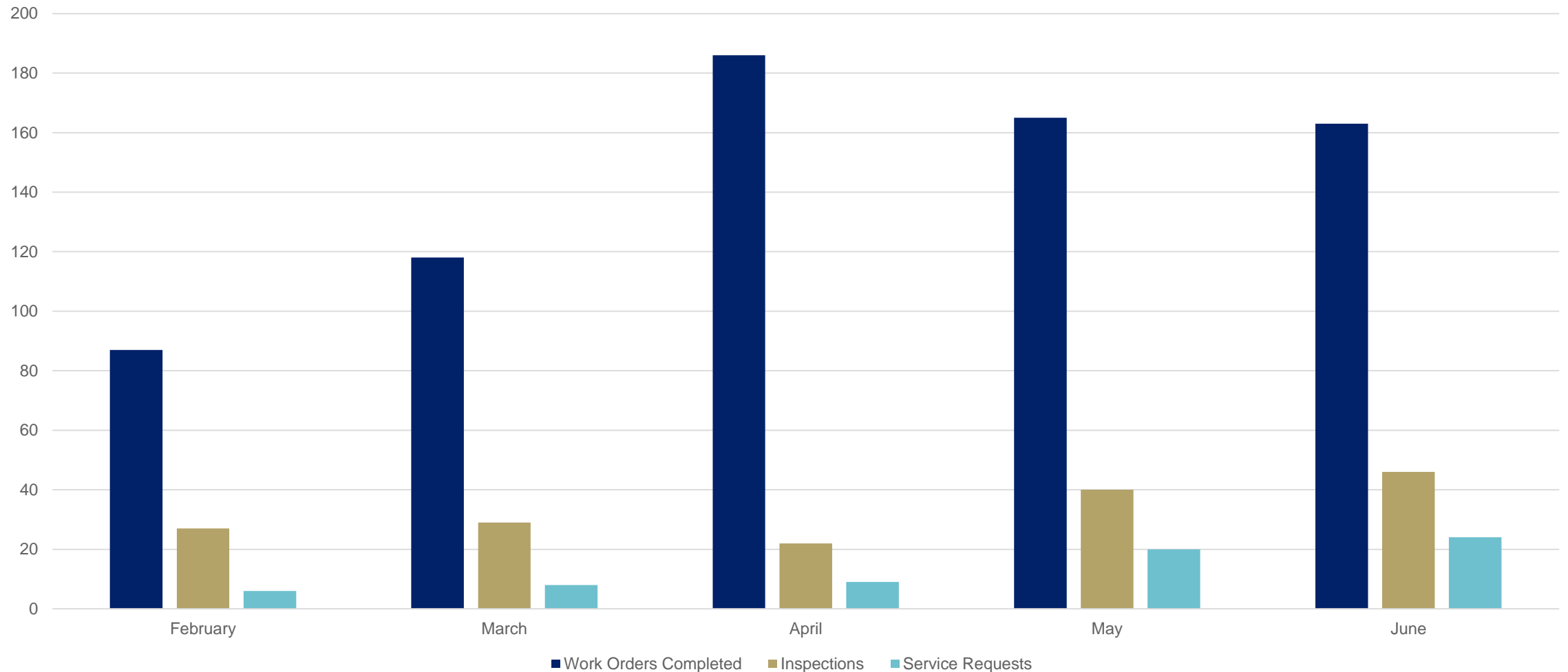


Data Collection



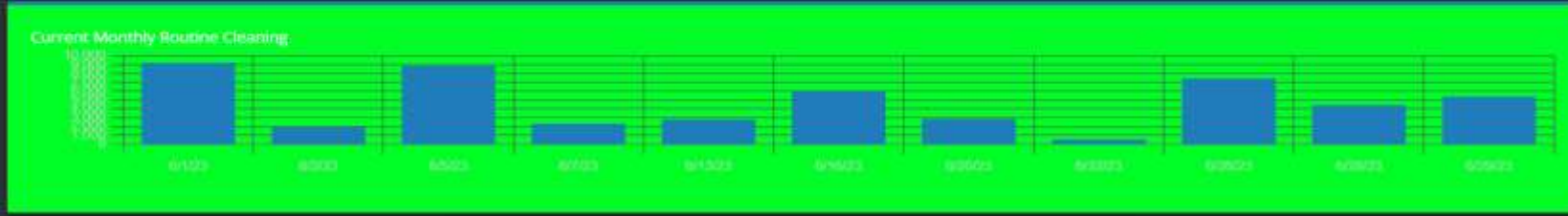
- Data collection is handled through Work Orders, Service Requests and Inspections
- Cityworks functions can be performed by any employee in the field through tablets or other cellular devices
- Data collected through Cityworks is instantly available to office workers for processing and analysis

Cityworks Current Work Order Metrics





Data Analysis



- Supervisors can use Dashboards within Cityworks to track work orders and progress dynamically
- Reporting functions can be used to create a static report for cost and time efficiency analysis
- Cityworks and GIS data combined can be used for asset risk analysis and lifecycle management
- Our goal for data analysis is to reduce reactive maintenance within the operating budget by 15% by the end of 2024



Future Cityworks Goals



- Improve Cityworks integration with other software
- Reach strategic engagement goals
- Increase development of GIS automation and machine learning
- Expand Cityworks usage through the City



Cityworks Admin Staff

- Distribution & Transmission
 - Mark Umland
 - Tia Miller
- Wastewater Collections
 - Tony Braun
 - Cody Pryke
- WTRF
 - Tyler Eldridge
- Bellvue WTP
 - Austin McKillip
 - Andrew Kabot
- Boyd WTP
 - Alex Freehling
- High Mountain Reservoirs
 - Cole Gustafson



Cityworks Demonstration

Thank you

