

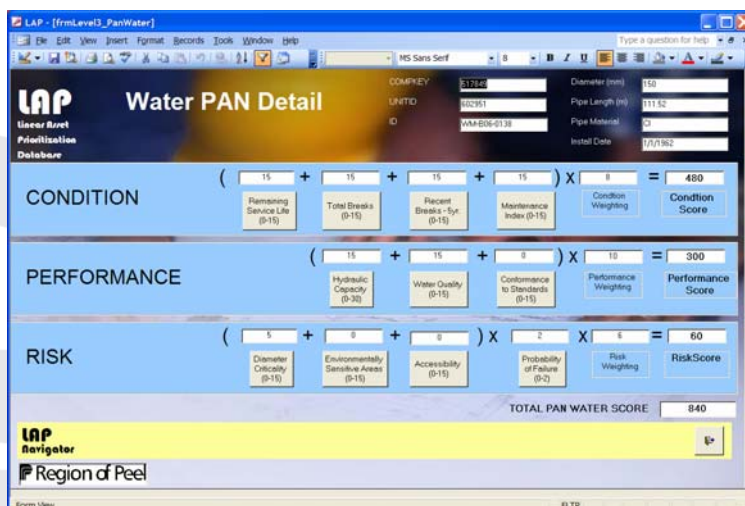
Asset Management Strategy

Earth Tech assisted the region in its proactive planning for enormous capital expenses required for infrastructure renewal and replacement over the next 50 years. Like many municipalities, current asset management practices within the region must evolve to generate the specific information necessary to make sound and sustainable development decisions. Similarly, software solutions must be implemented to appropriately automate the region's specific asset management process.

Earth Tech assessed and documented asset management tools and practices already in place. The study objective was to develop a plan to allow the region to better understand asset management program gaps, its objectives from both financial and operational perspectives, and also identify what current asset management tools and practices can be leveraged in a complete asset management program.

Long-term objectives included:

- Ensuring infrastructure is optimized through its effective life cycle through clear definitions of how assets will be managed
- Ensuring funds are spent efficiently and adequate financial reserves are accumulated to support rehabilitation and replacement needs of infrastructure, now and in the future
- Ensuring asset management practices result in effective management of infrastructure and appropriately leverage existing technology, tools, and data used by the region, such as GIS, Hansen, and IPFS



PROJECT DETAILS

CLIENT: Regional Municipality of Peel
 LOCATION: Brampton, Ontario, Canada

REFERENCE INFORMATION

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PROBLEM

Seeking improved methods to manage all water and wastewater infrastructure and ensure effective decision-making in relation to these assets

CHALLENGES

Ensuring infrastructure is optimized through its effective lifecycle, funds are spend efficiently, adequate financial reserves are being accumulated, and leveraging the Region's existing corporate technologies, tools and data.

SOLUTION

Multi-phased approach to asset management implementation leverages completed work and maximizes returns on investments in a short time period.

BENEFITS

Ensure infrastructure is optimized through effective life cycle, ensure funds are spent efficiently on infrastructure needs

COMPLETION DATE

06/25/2005