



MORRISON HERSHFIELD

*People • Culture • Capabilities*

# WATER & WASTEWATER Engineering Solutions





*Morrison Hershfield worked collaboratively with City staff throughout the project to ensure that it was completed to our satisfaction and technically defensible. Communication always remained open and work was conducted to a high standard.*  
*-Municipal Client, Water Collection*

# Why choose Morrison Hershfield?

**OUR CLIENTS BENEFIT** from a well-organized nimble team with local presence backed by over 1000 staff in 24 offices across North America and beyond; ensuring your project is delivered according to your vision, schedule and requirements.

- ▶ **CLIENT-FOCUSED** - Over 90% of our business comes from repeat clients. Our goal is to provide an unmatched client experience, and we are proud to maintain an “excellent” client satisfaction rating. As your trusted partner, we are available whenever and wherever you need us.
- ▶ **INVESTED** - Our employee-owned business culture allows us to attract and retain the best talent who are invested in the success of our clients’ projects.
- ▶ **FAST-PACED** - Regulatory permitting requirements are an increasing challenge to our clients. Our intimate knowledge of regulatory processes and multitude of contacts will help move you through the process and obtain required approvals as quickly as possible.
- ▶ **SOLUTION ORIENTED** - We understand unique projects can require an iterative process. Our model-focused BIM design allows us to revise designs quickly and at minimal cost.
- ▶ **RESPONSIVE** - With over 1000 employees across North America, we have the resources to help you anytime, anywhere.
- ▶ **KNOWLEDGEABLE**- Our team strives to develop a sound understanding of the technical aspects of every problem to develop appropriate solutions. Key to developing these solutions is gaining an understanding of your unique needs and objectives.
- ▶ **INNOVATIVE** - Our award-winning solutions are provided by subject matter experts who work on some of the biggest and most complex projects in Canada, the U.S. and internationally.
- ▶ **ONE-STOP-SHOP** - Take advantage of our integrated multidisciplinary team approach by bundling services early on to save time and money and add value to your projects.
- ▶ **ONE SIZE FITS ALL** - Our water resources team knows that every community, large and small, has its own issues and challenges. We help communities find the right solutions to their unique challenges and do not let predefined solutions drive our work.

Make us your first call.



CLIENT SOLUTION PROVIDERS



PROBLEM SOLVERS



PARTNERS WITH OUR CLIENTS



## PROJECT TYPES

- Stormwater
- Wastewater
- Water

## SERVICES

- Asset Management
- Drainage Studies
- Environmental Assessment
- Flood Hazard Analysis
- Hydraulic Modeling
- Hydropower
- Operations Support
- Pumping Stations
- Sewage Collection Systems
- Storm Water Management
- Treatment Facilities
- Water Distribution Systems

## ENGINEERING

- Building Envelope
- Civil & Land Development
- Code & Life Safety
- Electrical
- Environmental
- Fire Protection
- Mechanical
- Structural
- Transportation





# **CENTREVILLE & SHAW'S CREEK ROAD CULVERT REPLACEMENTS**

Caledon, ON



**CONTRACT  
ADMINISTRATION**

**COMPLETED  
2018**

**\$170K  
ENGINEERING  
FEES**

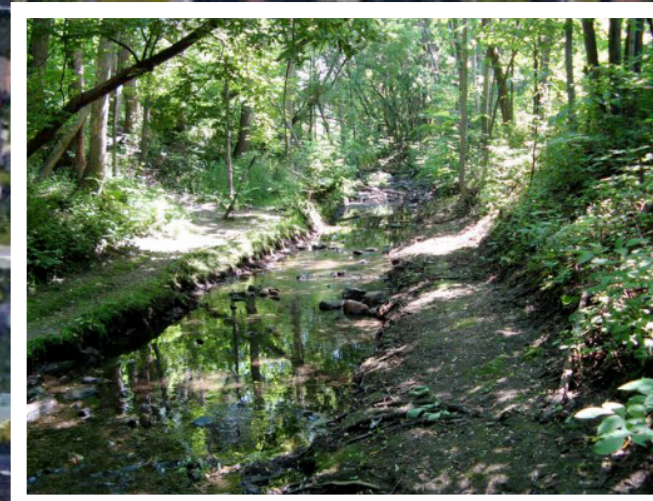
**2 CULVERTS  
2 LOCATIONS**

Morrison Hershfield provided contract administration and inspection services for the Centreville and Shaw's Creek Road culvert replacement project. The team handled complex matters on the project while working with town staff, the public and agencies. Project management ensured that the Town's budget and milestones were being met and stakeholders were informed throughout the process while quality control and conformance requirements were applied to meet the owner's needs.



# PINECREST CREEK CUMULATIVE IMPACTS STUDY

Ottawa, ON



CUMULATIVE  
IMPACT STUDY

COMPLETED  
2019

\$390K  
ENGINEERING FEES

IMPACTS  
ADDRESSED TO  
YEAR 2037

In response to existing environmental concerns, Morrison Hershfield was retained by the City to evaluate the cumulative impacts of development projects in the Pinecrest Creek watershed area. The assessment included the impacts from the stormwater management pond, LRT development, Baseline Road Bus Rapid Transit development, Highway 417 widening and planned development and redevelopment in the area. Impacts were addressed to the year 2037, allowing the Municipality to implement solutions to mitigate the environmental issues that were caused or anticipated to occur as a result of the developments.



# KALITI WASTEWATER TREATMENT PLANT

## Addis Ababa, Ethiopia

**AWARD WINNER**  
2019 Canadian Consulting  
Engineer Awards  
Tree for Life Special  
Achievement Award and  
Award of Excellence  
International Category

**80%**  
OF THE CITY'S  
POPULATION  
SERVED

**17.5KM**  
SEWER TRUNK LINES

**100,000 M<sup>3</sup>/D**  
FLOW RATE

**DETAIL  
DESIGN**

Morrison Hershfield provided detail design and construction supervision for the expansion of the water treatment plant and sewer lines in the Kaliti sewerage catchment. The engagement began with a review of the system master plan and included design solutions for the activated sludge wastewater treatment plant and rehabilitation of the existing sewer system. Financed by the International Development Association, the project will improve the health of the residents of Addis Ababa by improving sanitation services in the City.



# TORONTO WATER FACILITY PROGRAM

## Toronto, ON

**143**  
SITES

**800**  
STRUCTURES

**300**  
BUILDINGS

**BUILDING  
CONDITION  
ASSESSMENT**

Morrison Hershfield provided condition assessments of approximately 800 structures at 143 sites, including 40.5 hectare Ashbridges Bay Wastewater Treatment Plant. The structures include over 300 buildings, approximately 350 below-grade structures such as reservoirs, tanks, and chambers, and a wide variety of other structures.



FOUNDED on  
technical excellence  
and ethics.

OUR RICH HISTORY of  
diverse projects provides exposure  
to emerging trends in process and  
design technologies spanning different  
industry sectors, keeping us ahead  
of the curve. We regularly adapt and  
integrate these technologies into  
solutions for our clients. **Our passion  
to design and build our projects  
right the first time is recognized  
throughout the industry and in our  
communities.**



▲ Platinum Elite Status: A key player  
in ReNew Canada's list of Top 100  
Infrastructure Projects for Canada.



75+

Years in Business  
Serving Canada

1000+

Number of Full Time,  
In-house Employees

100%

Employee Ownership

90%

Annual Revenue from  
Repeat Clients

24

Offices Across  
North America and India

WE ARE A MARKET LEADING engineering  
firm delivering innovative, cost effective and technically  
sophisticated solutions for horizontal and vertical  
infrastructure. We are anchored by highly responsive  
technical experts, thought leaders and high performing  
employees across North America. Our highly focused  
approach to the clients and markets we serve ensures that  
we deliver the value our clients demand.

When our founders established this consulting practice  
in 1946, they set the highest standards of ethics,  
technical excellence and customer service. These  
high standards have become the hallmark of Morrison  
Hershfield. We continue to be guided by our values of  
integrity, accountability and mutual respect, and believe in  
continuous improvement, quality and teamwork.

Contact us to make your vision a reality.





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