



MORRISON HERSHFIELD

People • Culture • Capabilities

Your First Call For
ENVIRONMENTAL SOLUTIONS
That Make a Difference



“The Project Manager at Morrison Hershfield worked collaboratively with our staff throughout the project to ensure that the project was completed to the satisfaction of the City and that the project was technically defensible. Communication always remained open and work was conducted at a high standard.”

-Municipal Client for Environmental Project

Why choose Morrison Hershfield?

OUR CLIENTS BENEFIT from a well-organized nimble team with local presence backed by over 1000 staff in 22 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 recurring clients. We are proud to maintain an “excellent” rating in our customer satisfaction program. Ultimately, our role is to listen to you, help you solve problems and guide your organization.
- ▶ **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.
- ▶ **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.
- ▶ **DEPTH** - Our energy specialists cover all aspects of a power project, from planning through to design and construction oversight. We are backed up by a multi-disciplinary team of engineers, planners, environmental compliance specialists and project partners.
- ▶ **COLLABORATIVE** - Our team knows that every project, large and small, has its own issues and challenges. We work with you to find the best solution tailored to your unique project needs.

Make us your first call.



CUSTOMER SOLUTION
PROVIDERS



PROBLEM
SOLVERS



PARTNERS WITH
OUR CLIENTS

PROJECT TYPES

- Commercial Sites
- Landfills
- Power Plants
- Renewable Energy
- Roads & Highways
- Telecom & Critical Facilities
- Transfer Stations
- Transit
- Transmission Infrastructure
- Utilities
- Water & Wastewater

SERVICES

- Climate Change Mitigation & Adaptation
- Community Energy Planning
- Due Diligence & Site Assessment
- Environmental Assessments
- Environmental Site Assessments
- Feasibility Studies
- Hydrogeology
- Permitting, Approvals and Compliance
- Solid Waste Management

MULTI-DISCIPLINARY ENGINEERING

- Building Envelope Consulting
- Civil & Land Development
- Electrical & Mechanical Engineering
- Structural Engineering
- Transportation Studies & Design



BIOLOGICAL SERVICES STANDING OFFER FOR DEFENCE CONSTRUCTION CANADA

Winnipeg, MB



2-YEAR
STANDING OFFER

8
ASSIGNMENTS
COMPLETED

**BIOLOGICAL
STUDIES**

**VEGETATION,
BIRDS, MAMMALS,
INSECTS,
REPTILES &
AMPHIBIANS**

Defence Construction Canada established a Standing Offer with Morrison Hershfield to provide professional services specific to the Department of National Defence (DND) at CFB Shilo and 17 Wing in Winnipeg. Morrison Hershfield completed eight biological resource service assignments within two years that required collecting data on the composition, distribution, relative abundance and habitat of wildlife, insects and vegetation species at DND properties. The assignments completed included bat surveys and data analysis, vegetation change detection studies, ungulate aerial surveys, plant, bird mammal and reptile species inventory, avian surveys, and reptile abundance studies.

JAMES BAY ACCESS ROAD

Northern Ontario



FEASIBILITY
STUDY

525 KM
ALL-SEASON
ROAD

7
FIRST NATION
COMMUNITIES
CONNECTED

PUBLIC &
FIRST NATIONS
CONSULTATION

The Mushkegowuk Council represents seven First Nations in Ontario. Their goal was to determine the feasibility for a new 525 km all-season road between Highway 11 and several remote First Nation communities. The project included integration of traditional knowledge, environmental studies, route selection, and extensive community engagement. Morrison Hershfield's engagement activities have included presentations to Chief and Council, community meetings, focus groups with elders and youth and social media campaigns.

ATLIN HYDROELECTRIC PROJECT

Atlin, BC

FEASIBILITY
STUDY

2.1 MW
HYDROPOWER
PLANT EXPANSION

100%
FIRST NATION
COMMUNITY-
OWNED PROJECT

PERMITS AND
FEDERAL
FUNDING
OBTAINED

In 2009 the Taku River Tlingit First Nation developed a small 2MW hydropower plant to generate renewable power for their off-grid community of Atlin, BC. The development of this hydropower plant has resulted in significant community development, own-source revenue and community pride for the First Nation. Morrison Hershfield helped them explore the potential of significantly expanding the hydropower development of the creek to supply the neighbouring Yukon with renewable power. Morrison Hershfield provided environmental and engineering services to complete the feasibility study and permitting of the project. Expansion of the 100% community-owned project will allow Taku River Tlingit to provide jobs, training, and other investments for the benefit of its citizens.

UNITED BOULEVARD WASTE AND RECYCLING CENTRE

Coquitlam, BC



**DESIGN,
CONSTRUCTION
AND QA**

**FLAGSHIP
TRANSFER
STATION**

**600
TONNES OF WASTE
PER DAY**

**ON TOP OF OLD
COQUITLAM
LANDFILL**

Metro Vancouver's new flagship transfer station offers both residential recycling and garbage drop-off for self-haul customers and large vehicle commercial and municipal garbage transfer. Morrison Hershfield has led a team of engineers to deliver this important project and has provided the programming, design and construction administration for the unique transfer station project, constructed on top of an existing landfill. Unique considerations include landfill gas management, conforming with landfill closure requirements and differential settlement.

SURREY RECYCLING & WASTE DROP-OFF FACILITY

Surrey, BC



**PROGRAMMING
& PRELIMINARY
DESIGN**

**4.3
ACRES**

**363
OPERATIONAL
DAYS PER YEAR**

**INCREASES
RECYCLING AND
REDUCES WASTE**

The implementation of a self-haul, small vehicle recycling and waste drop-off facility in Surrey is a longstanding commitment that Metro Vancouver has made to help achieve their diversion goals. Morrison Hershfield is currently providing programming, conceptual design and preliminary design for the new facility, which will include a new recycling and extended producer responsibility program depot, a transfer station building with paid recycling and garbage drop-off for self-haul customers, an office building, three scales, scale houses and canopy, recycling canopies, and a refuelling station for operational vehicles. Our team provided construction administration and is working on a sustainability assessment of the overall project using the Envsion standard.



AMHERST ISLAND AND WOLFE ISLAND FERRY DOCKS

Kingston, ON

ELECTRIFICATION
RETROFITS

REDUCE GHG
EMISSIONS BY
446M KG
OF CO₂

FIRST
ELECTRIFIED
FERRIES IN
NORTH AMERICA

AMHERST ISLAND
DESIGN-BUILD
WOLFE ISLAND DESIGN
& CONSTRUCTION
SUPPORT

Morrison Hershfield facilitated the integration of the electric ferry designs and the reconstructed docking facilities for what could be the first electrified ferries in North America. The new configurations will increase accessibility to and from the islands. It is anticipated these projects will reduce Ontario's GHG emissions by 446 million kg of CO₂ during the ferries' 60-year lifespans.

FOUNDED on technical excellence and ethics.

OUR RICH HISTORY of diverse projects provide 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 in 2021 with involvement in 23 of the 100 biggest public sector infrastructure projects under development in the Country.



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 both 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.



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