



Environmental Services

MWH's team of local professionals provide oil and gas and mining clients throughout Canada multidisciplinary, biophysical and regulatory expertise to assist with project planning, timely approvals and engineered solutions that are sustainable over the long term.

MWH offers clients cost-effective and timely solutions to their environmental needs and issues. We achieve this with a team of project managers and technical experts that are distributed across our western Canadian offices in Calgary, Saskatoon, Lloydminster, Estevan, Vancouver and the Northwest Territories. We focus on efficiently navigating the regulatory approval process and provide innovative, sustainable engineering, environmental and technical services on some of the most challenging oil and gas and mining projects in the world.

MWH specializes in facilitating regulatory and stakeholder engagement in the **environmental assessment** of new developments and bringing **complex projects to successful completion**.

MWH scientists and engineers deliver high quality outcomes to industry by providing environmental planning, biophysical assessment, regulatory guidance, mitigation planning, permitting services, health and safety compliance, natural resource management, and asset management. We take innovative approaches for oil and gas and mining projects to environmental compliance across Canada. In addition, MWH provides reclamation, remediation and spill response services from strategically located offices. We have experience in all federal, provincial, territorial and local regulatory regimes and approach all of our projects with a philosophy that promotes environmental, social, cultural, and corporate responsibility. Communication, transparency and stakeholder participation have consistently proven to be the best approach to complex project solutions.

MWH leverages **local field experience** in environmentally sensitive areas and our multidisciplinary team to assist in planning and providing project specific mitigations that enable clients to improve their project design and obtain **timely regulatory approval**.

Clients rely on MWH for quality and defensible biophysical assessments across all disciplines from botany, wildlife and species at risk to hydrology and fisheries. We provide a full suite of inventory, assessment, permitting and monitoring services in terrestrial and aquatic habitats across Canada. We meet demanding schedules for clients to obtain regulatory approval and ensure ongoing compliance with federal, provincial, territorial and local regulations. During the planning and assessment of a project we partner with clients to provide information that supports their decision making and the mitigation of potential project impacts.

MWH is **vigilant in our safety** programs and our clients recognize it is an important way we help minimize their risk.

At MWH, safety is a primary concern from project initiation through completion. MWH maintains memberships in ISNetwork, ComplyWorks, and PICS, which act as global resources for connecting clients with safe and reliable contractors. MWH has held a Certificate of Recognition (COR) since 2003.



MWH is a strategic consulting, technical engineering, environmental, program management, and construction services firm focusing on water and natural resources. Offering a full range of services and award-winning solutions beginning in the initial planning and permitting phases through design and construction, we partner with our clients in multiple industries to implement projects and programs that focus on water, natural resources, energy, and infrastructure.

Environmental Services

- Environmental Assessments
- Regulatory Application, Approval and Permitting
- Environmental Protection Planning
- Project Management
- Baseline Environmental Study
- Species at Risk Survey and Mitigation Planning
- Terrestrial and Aquatic Habitat Inventory and Assessments
- Land Use and Natural Resource Management
- Environmental Monitoring
- Stakeholder Consultation
- Social, Cultural and Heritage Resource Evaluation
- Project Mitigation Planning
- Water Resource Management
- Reclamation, Remediation, and Ecological Restoration
- Wetland Delineation, Management and Mitigation
- Ecological Toxicology and Risk Assessments
- Hydrology Studies
- Hydrogeological Investigations
- Site and Route Planning

Primary Service Lines

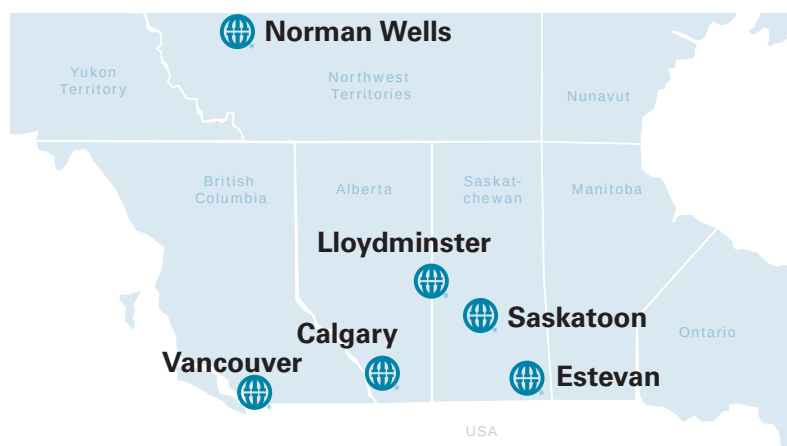
- Wildlife Surveys
- Breeding Bird Surveys
- Vegetation Inventory
- Rare Plant Surveys
- Species at Risk Surveys
- Species at Risk Mitigation Plans
- Habitat Suitability and Land Classification Mapping
- Geographic Information Systems (GIS)
- Environmental Protection Planning
- Groundwater Well Installation and Monitoring
- Groundwater Modelling
- Geochemistry
- Geotechnical Assessments
- Regulatory Consultation, Community Relations, and Stakeholder Engagement
- Human Health and Ecological Risk Assessments
- Waste Management
- Environmental Auditing
- Property Transfer Audits
- Water Well Testing
- Gas migration Testing
- Emergency Spill Response
- Reclamation
- Remediation
- Regulatory Compliance Monitoring
- Soil and Sediment Assessments
- Climate Change Impact Studies
- Heritage Resource Impact Assessments
- Weed Management
- Air Quality Modelling
- Hydrology Assessments
- Hydraulic Modelling
- Bathymetric Surveys
- Hydrometric and Climate Monitoring
- Surface Water Quality Assessment

Our Experience

- Environmental Impact Statements (EIS)
- Oil and Gas Project Proposals (OGP) for SAGD Development and Saskatchewan Crown Lands
- Conservation and Reclamation (C&R) Plans
- Environmental Protection Plans (EPP)
- Pre-Disturbance Assessment (PDA)
- Environmental Project Screenings
- National Energy Board (NEB) Applications
- Alberta Environmental Field Reports (EFR)
- Saskatchewan Private Land Checklists (PLC)
- Environmental Assessment (EA) on First Nations Lands
- Environmental Effects Evaluation (EEE) on Agriculture and Agri-Food Canada Lands
- Restoration Plans for Saskatchewan Ministry of Agriculture Lands
- Species at Risk Mitigation Plans
- Land Use Permit and Water Licence Applications in the Northwest Territories
- Cumulative Effects Assessment
- Caribou Protection Plans



MWH Office Locations



Contact Us

Calgary Office:
600 6th Ave. S.W., Suite 1010
Calgary, Alberta T2P 0S5
+1 403 543 5353

Saskatoon Office:
#104, 108 Research Drive
Saskatoon, Saskatchewan S7N 3R3
+1 306 373 1110



BUILDING A BETTER WORLD

www.mwhglobal.com

Facebook.com/mwhglobal | Twitter.com/mwhglobal | YouTube.com/mwhglobalinc

AUGUST 2014