

BUILDING CONSTRUCTION INDUSTRY



Milestone Environmental Contracting Inc. is a privately owned Canadian contracting and project management company with extensive environmental remediation and geotechnical contracting experience. Milestone develops and implements practical and cost-effective solutions for the remediation of environmentally impacted sites.

No matter the scope or complexity of the project, Milestone's team of technical experts collaborate with you to develop and implement solutions using innovative and proven technologies to meet the demands of your project. Engage with the Milestone team at the outset of your project's design stage to leverage our vast network of experts and to get the full value of our experience.

As a people-focused company, Milestone provides social and economic benefits to the Indigenous communities that extend beyond the boundaries of a given project. We share an unwavering long-term commitment to Indigenous inclusion and endeavor to support individuals so they can achieve their full potential and positively impact the broader Indigenous community and environmental industry. Milestone's mission is to be the "cooperative contractor" that leads the environmental industry in fully utilizing our experience, knowledge, team building, and relationship skills to provide solutions for reducing or removing our client's environmental liabilities.

WHATEVER THE CHALLENGE, MILESTONE HAS A SOLUTION:

- Soil-washing; in-situ remediation using electrical resistive heating (ERH) and chemical oxidation
- Excavation, transportation, and disposal (hazardous and non-hazardous waste streams)
- Installation of passive reactive barrier (PRB) groundwater treatment walls
- Thin-layer sediment capping; excavation shoring, foundation underpinning
- Groundwater cut-off walls (soil-bentonite, clay, cement)
- Decommissioning and reclamation of industrial facilities
- Abatement (hazardous materials, asbestos, lead paint)
- Bioremediation of hydrocarbon impacted soils
- Environmental dredging and disposal
- Sub-slab depressurization systems (SSDS)
- Soil vapour extraction (SVE)
- Soil and groundwater remediation
- Soil stabilization and solidification
- Habitat restoration
- Lagoon and pond remediation
- Water treatment

ZIBI PHASE 3 ENVIRONMENTAL REMEDIATION AND CONSTRUCTION, GATINEAU, QC & OTTAWA, ON



PROJECTS INCLUDE:

- Excavation and management of more than 100,000 m³ of contaminated soil and buried debris.
- Detailed segregation, screening, transport, and disposal of 50,000 MT of non-hazardous contaminated soil.
- Hazardous material abatement and demolition of former industrial facility.
- Site planning and coordination between civil roadbuilding, demolition, and remediation work packages.
- Installation and reporting of environmental controls and site security measures.
- Controlled breaking, removal and disposal of hydrocarbon impacted bedrock.



KEY HIGHLIGHTS

- Import, placement, and compaction of demolition granular backfill in dedicated areas.
- Monitoring, tracking, and implementing dust control measures.
- Shoring as required inside and adjacent to building foundations during excavations.
- Supply and operation of a screening plant to separate rock for reuse from impacted materials.
- Provided and installed engineered shoring structures for the remediation of impacted materials within an enclosed historical commercial building with the intent of preserving the integrity of the historic building and associated structural features while ensuring the safety of workers.
- Initial topographic survey.
- Stakeholder consultation and management.
- Site control in the heart of Lonsdale Quay.
- Water Treatment for up to 250 gpm of metals and hydrocarbon contaminated ground water.
- Excavation and segregation of various levels of contamination based on the slice diagram approach.
- Treatment and stabilization of 600 tonnes of soils contaminated with leachable lead.
- Transport and Disposal of 50,000 tonnes of waste level metals and hydrocarbons.
- Removal of historical creosote piles, concrete foundations, and metal debris.



FORMER SHIPYARDS REMEDIATION NORTH VANCOUVER, BC

Milestone
ENVIRONMENTAL CONTRACTING INC.

SERVICES

- Soil and Groundwater Remediation
- Excavation and Disposal
- Soil Stabilization
- Water Treatment



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SYDENHAM PEARL BROWNFIELD SITE BRANTFORD, ONTARIO



SERVICES

- Soil and Groundwater Remediation
- Excavation and Disposal
- In-situ Remediation Technologies
- Water Treatment
- Brownfield Redevelopment



KEY HIGHLIGHTS

- Soil mixing strategy employed at the site was designed to ensure adequate distribution of the ZVI within the soils to minimize odours and off-site adverse impacts.
- Soil mixing equipment delivery system with an integrated GPS system ensuring the reagent was delivered in the correct quantity in the correct location.
- Due to restrictions at the property line, a 2-metre narrow corridor was completed through a ZVI injection program consisting of 20 temporary injection points spaced approximately 1.8 m apart.
- To ensure there were no off-site adverse impacts, an air-quality monitoring program was implemented consisting of VOC monitoring, particulate matter monitoring, noise monitoring and a meteorological station.



Brownie Award Winner!

Brownie Award Winner in 2016 in the REMEDIATE category

WYECROFT ROAD & DORVAL DRIVE REMEDIATION OAKVILLE, ONTARIO



SERVICES

- Soil and Groundwater Remediation
- Excavation and Disposal
- Shoring



KEY HIGHLIGHTS

Wynecroft Road

- Design and installation of a pile and lagging shoring system to facilitate excavation of the impacted soil.
- Excavation and off-site disposal of 9,540 metric tonnes of non-hazardous contaminated soil to a licensed facility.
- Supply, placement, grading and compaction of over 8,060 metric tonnes of imported select subgrade backfill material.

Dorval Drive

- Design and installation of a concrete underpinning system to protect a high voltage buried concrete encased hydro duct.
- Design and installation of a caisson wall shoring system to facilitate the excavation of impacted soils.



- Excavation and off-site disposal of 2,695 metric tonnes of non-hazardous contaminated soil to a licensed facility.
- Supply, placement, grading and compaction of over 2,200 metric tonnes of imported select subgrade backfill material

**CONTACT US TODAY TO SEE HOW
WE CAN SUPPORT YOUR PROJECT.**

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