

Mitchell Island, Richmond, British Columbia

Brownfield Development



SOLID STABLE SOLUTIONS



- The Mitchell Island steel mill is one of the largest sites in western Canada to be successfully remediated to current remedial standards.
- 1.5 million tonnes of heavily contaminated material were excavated, sampled and subjected to rigorous separation, isolation and disposal technologies.
- Aspects of this remediation, including project planning, project management and site remedial services were managed by BIRCO Environmental.
- **This property has been sold and successfully developed for commercial warehousing.**



Property Size: 115 Acres, 46.5 hectares

Historical Use: Steel mill for the manufacturing of rebar and other products.

Contaminants: Significant deposits of cadmium, lead, copper, zinc, arsenic, chromium and nickel. Other contaminants included hydrocarbon contaminated soil and sludge's, PAH's, and PCB'S.

Special Considerations:

The site was located on the environmentally sensitive Fraser River inlet between the cities Vancouver and Richmond, BC. Numerous structures, equipment, and buildings existing on the site needed to be decommissioned and demolished prior to undertaking soil remedial work.

Remediation Criteria: Clear title, cleaned to B.C. Numerical Standards for commercial land use.