

# Port Moody, British Columbia

## Brownfield Development



SOLID STABLE SOLUTIONS



- Previously the location of a steel fabrication facility, the Port Moody property was successfully remediated to levels suitable for a high end residential community.
- BIRCO was responsible for all aspects of this remediation (project planning, project management and site remedial services), resulting in
- 50,000 tonnes of material being excavated, sampled, and subjected to various separation/isolation and disposal technologies.
- **Due to the desirable location and successful remediation, this property was sold and successfully developed into a high end residential community.**



**Property Size:** 25 acres, 10 hectares

**Historical Use:** Steel fabrication and zinc coating facility for tubular steel products.

**Contaminants:** Numerous metals including lead, copper, zinc, chromium and nickel. Other contaminants included hydrocarbon contaminated soil and sludge's, PAH's, and PCB'S.

**Special Considerations:** This challenging project site was located in close proximity to numerous fishery streams in the Burrard Inlet and adjacent to a thriving residential community. The Port Moody property needed to be remediated to the highest environmental standards for residential development while maintaining a zero impact strategy on the surrounding community. As part of the complete project scope, an existing 150,000 square foot building that contained multiple galvanizing pits needed to be decommissioned and demolished prior to undertaking soil remedial work.

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