

Calgary, Alberta



SOLID STABLE SOLUTIONS



- Previously the location of a steel mill, this was one of the largest sites in Calgary to be successfully remediated to current remedial standards.
- BIRCO was responsible for all aspects of this remediation including project planning, project management and site remedial services.
- By project completion, in excess of 700,000 tonnes of material was excavated, sampled, and subjected to various separation/ isolation and disposal technologies.



Property Size: 41 Acres, 16.5 hectares

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

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

Challenges: Situated directly adjacent to several residential communities and commercial operations, this project demanded significant stakeholder consultation. The numerous structures, equipment and buildings that existed on site needed to be decommissioned and demolished prior to undertaking soil remedial work.

Remediation Criteria: Clear title, cleaned to Alberta Tier One Numerical Soil Standards for commercial land use.