



Klohn Crippen Berger



Engineering, Geoscience and Environmental Services



Down to Earth.

Up to the Challenge.

INTEGRATED TEAMS & TECHNOLOGIES

Klohn Crippen Berger (KCB) offers a full range of services to clients in a variety of sectors.

MINING & ENERGY

TRANSPORTATION & INFRASTRUCTURE

HYDROPOWER



FLOOD CONTROL DYKE
ALBERTA, CANADA

KCB integrates the application of engineering and geoscience with environment, community and safety-by-design principles. This approach drives our reputation as a leading-edge provider of professional services.



ENGINEERING

Civil | Electrical | Geotechnical | Mechanical | Structural | Water Resources



GEOSCIENCE

Hydrogeology | Geochemistry | Geology | Slope Stability and Geohazards | Seismic Hazard Assessment



ENVIRONMENTAL

Environmental Assessment & Permitting | Environmental Management & Compliance | Reclamation, Closure & Decommissioning | Site Assessment & Remediation | Social Studies & Community Engagement



SUSTAINABLE RESOURCE DEVELOPMENT FROM CONCEPT TO CLOSURE

ENVIRONMENTAL.....●
GEOSCIENCES.....●
INFRASTRUCTURE.....●
OIL & GAS.....●
OIL SANDS.....●
TAILINGS.....●

HIDDEN VALLEY MINE
PAPUA NEW GUINEA

MINING & ENERGY

KCB integrates engineering, geoscience and environmental sciences to study, design, build and close projects in the mining and energy sectors.

MINING



We have worked on more than three hundred mining projects worldwide with a focus on mine waste, and mine water, management and environmental stewardship. KCB has a long history in tailings storage facility design, with experience on hundreds of dams, some up to 300 m high.

OIL & GAS



We provide geotechnical, water resources and environmental services for pipelines and other linear infrastructure, including permitting, environmental assessments, remediation design and reclamation services. Our services incorporate the management, protection and responsible use of natural resources throughout the facility life cycle of exploration, design, construction, operation and reclamation.

OIL SANDS



We are a market leader in providing cost-effective services to oil sands projects. KCB has extensive experience in design, engineering, construction and management of oil sands projects. Our services include tailings dam design, groundwater management and protection, and electrical/mechanical design for pipelines and other infrastructure.

TRANSPORTATION & INFRASTRUCTURE



BRIDGES & ROADS

KCB has undertaken road and bridge projects throughout Canada and internationally and has received many awards for our bridge and highway design innovations and rehabilitation works.



HEAVY RAIL & RAPID TRANSIT

Our innovative solutions meet the unique needs of our railway and industry clients while minimizing service disruptions and doing our part to foster rail safety.



MUNICIPAL

We offer a complete suite of engineering, environmental, and stakeholder engagement services for municipal projects.



PORTS & HARBOURS

For over 70 years, KCB has been active in the planning, design and construction of a wide variety of ports, harbours, and marine terminals.



TUNNELS

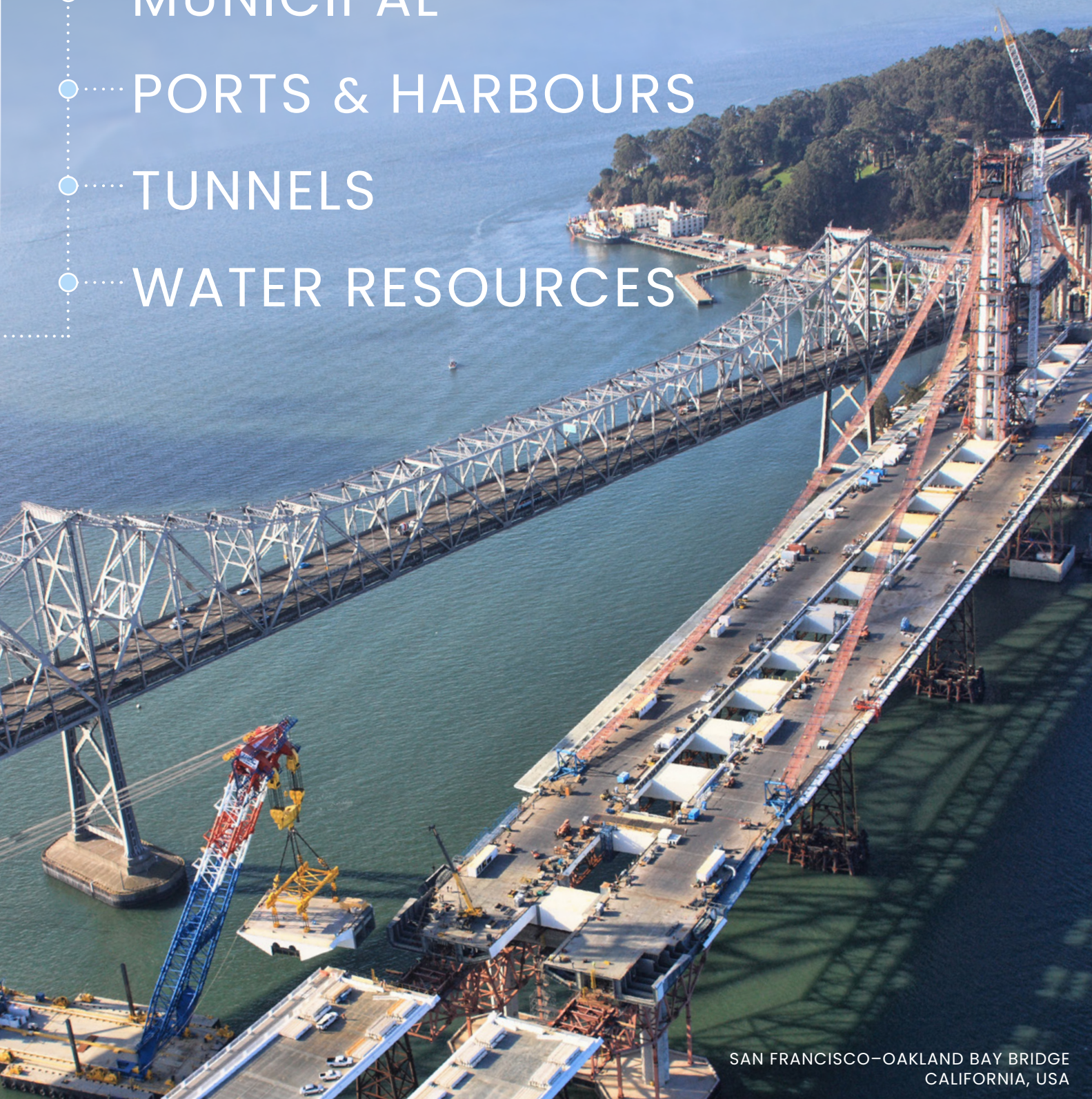
Our tunnel design experience includes railway, hydropower, water supply, mining, highways and transit tunnels.



WATER RESOURCES

KCB delivers a complete range of engineering services that enable us to take projects from conception through to operation.

- BRIDGES & ROADS
- HEAVY RAIL & RAPID TRANSIT
- MUNICIPAL
- PORTS & HARBOURS
- TUNNELS
- WATER RESOURCES



SAN FRANCISCO-OAKLAND BAY BRIDGE
CALIFORNIA, USA



HYDROPOWER ENGINEERING & ENVIRONMENT FOR OVER 70 YEARS

SMALL TO LARGE SCALE HYDROPOWER

KCB has a long history of working on hydropower projects across the globe. Our team includes some of the most respected and experienced professionals, with Design-Build experience on complicated and challenging projects.

DUE DILIGENCE FOR OWNERS, LENDERS & BUYERS

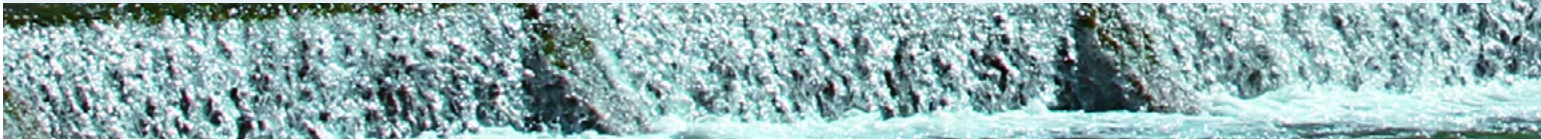
KCB provides due diligence services for independent power producers, lenders, owners and third party stakeholders. We work closely with owners in due diligence investigations to ensure that the content of the study carefully meets regulatory requirements.

DAM SAFETY SERVICES

Our team of professionals performs comprehensive inspections and reviews of the design, operation, maintenance, condition and performance of earthfill, rockfill, concrete and roller-compacted concrete (RCC) dams.

REHABILITATION & RETROFIT SERVICES

KCB has considerable experience in the rehabilitation of dams and powerhouses, including project management services, and planning, design and construction management services.





- DAM SAFETY
- DAMS & INTAKES
- GEOTECHNICAL DESIGN
- POWERHOUSES
- REHABILITATION & RETROFIT
- WATER CONVEYANCE SYSTEMS

ELKO DAM
BC, CANADA

WHERE WE WORK

PROJECT LOCATIONS

AMERICAS

Argentina
Brazil
Canada
Chile
Colombia
Costa Rica
Ecuador
French
Guiana
Guatemala
Panama
Peru
USA
Venezuela

ASIA

China
Indonesia
Kazakhstan
Mongolia
Pakistan
Philippines
South Korea
Sri Lanka
Thailand
Vietnam

EUROPE

Andorra
Finland
Netherlands
Romania
Spain
Sweden
Turkey
United Kingdom

AFRICA

Egypt
Kenya
Madagascar
Mauritania
Saudi Arabia
Uganda

AUSTRALASIA

Australia
Fiji
New
Caledonia
Papua New
Guinea

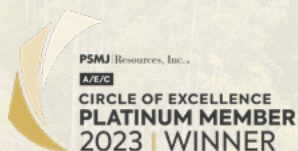
WE HAVE OFFICES IN STRATEGIC LOCATIONS ACROSS THE GLOBE



HOW WE WORK



Platinum member



ISO 9001
14001
45001

QUALITY
ISO 9001

ENVIRONMENT
ISO 14001

HEALTH & SAFETY
ISO 45001

KCB has a strong reputation for quality work and technical experience in a range of services. Our commitment to excellence is the driving force behind everything we do and, as a result, we are the recipient of multiple national and international awards for major projects and corporate governance. We are committed to sustainability in our business operations and professional services, and we publish our progress in an annual Sustainability Report on www.klohn.com. We strive to balance social, environmental and economic considerations to meet the needs of our clients, the community, our employees and other key stakeholders.

Our business is governed using an integrated management system consisting of quality, health and safety, and environment (QHSE) procedures. Our management system, which meets the requirements of the ISO 9001, 14001 and 45001 standards, steers our business conduct and the manner in which we undertake our projects. Our QHSE policy includes our goals of fostering quality services, promoting a safe and healthy culture, reducing our environmental impact and committing to sustainability.

In addition to the ISO standards, we are guided by the frameworks developed by the Global Reporting Initiative, the Institute for Sustainable Infrastructure, the International Council of Mining and Metals, and the Mining Association of Canada's Towards Sustainable Mining, among others.

To meet our clients' requirements for health, safety, and the environment we subscribe to several subcontractor management systems. We are an approved contractor on Avetta, ISNetworld, Contractor Qualification Network, ComplyWorks and BROWZ.

klohn.com



ALBERTA, CANADA