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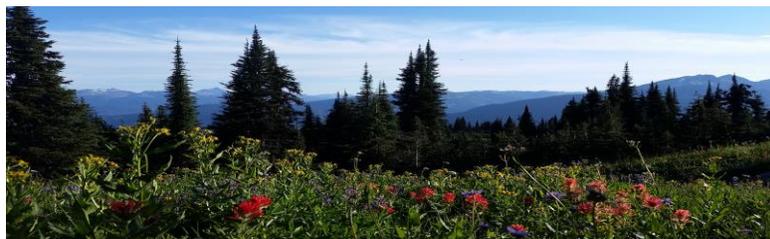
EXPLORE.



ENGAGE.



DELIVER.

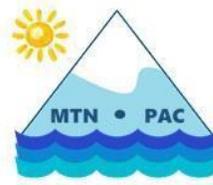


CORPORATE PROFILE

Resource Sectors and Professional Services

Mountain Pacific Environmental Consultants Ltd.
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MOUNTAIN PACIFIC ENVIRONMENTAL CONSULTANTS LTD. CORPORATE PROFILE

TRUST AND KNOWLEDGE.

MOUNTAIN PACIFIC ENVIRONMENTAL CONSULTANTS Ltd. (MOUNTAIN PACIFIC) delivers comprehensive management and technical expertise, including work on several of North America's largest resource projects. Current and previous clients include Public Works and Government Services Canada, Environment Canada, Department of Fisheries and Oceans Canada, BC Hydro, BC Ministry of Transportation, NWT Department of Transportation, First Nation governments, municipal authorities, Shell Canada, Petro Canada, Selkirk Power Authority, and private industry. Our successful experience working with provincial, territorial, state, and international Canadian and US federal government agencies is both extensive and proven.



Our team is equipped to meet regulatory requirements and aims to exceed accepted protocol in meeting all project objectives. Our team's use of leading investigation standards, data capture technologies, and statistical analysis ensures comprehensive and reliable result assessment. MOUNTAIN PACIFIC provide services for, but not limited to, management planning, consultation, project advisory and education works. Further, our team can also provide program development, implementation and third party review for program design.

Project deliverables include communication summaries, report outlines, reporting, management plans, updated budget reports, monitoring reports, data libraries and map products in both digital and presentation formats. Project objectives follow accepted regulatory requirements and guidance documents. MOUNTAIN PACIFIC further commits to meet all Project deliverable deadlines as per contract arrangements. We are a Work Safe BC Company with proud operational compliance in small and remote communities.

Our broad network of experienced professionals are capable of delivering on a number of services. The following is an overview of our company's areas of specialization:

- Environmental Impact Assessment
- Resource Management
- Land Use Planning and GIS
- Environmental Management and Monitoring
- Asset Management
- Strategic Planning and Implementation
- Policy and Economic Development
- Public Consultation

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BETTER TEAMS. BETTER SOLUTIONS.



WORKING TO MAKE A DIFFERENCE

ENVIRONMENTAL ASSESSMENT

Balanced solutions that provide integrated and long-term sustainable results are key to effective Environmental Assessment. MOUNTAIN PACIFIC's extensive experience delivers comprehensive results across a variety of sectors, complexities, and environments. Our work has included complicated resource development projects, large scale transportation projects, community planning efforts and private development. From design phase and permitting to closure and monitoring, MOUNTAIN PACIFIC staff have lead numerous multi-disciplinary Environmental Assessment efforts for both industry and government clients. Our Environmental Assessment scope of work includes regulatory review, project scoping, permitting and compliance, baseline investigations, effects analysis, cumulative effects assessments, impact mitigation, and mitigation monitoring.

Advising Environmental Assessment decision-making frequently requires recommendations as to environmental Best Management Practices. These practices are measures, or combination of measures, implemented to reduce the impact of a development on the environment. MOUNTAIN PACIFIC boasts environmental professionals with qualifications and experience in botany, wildlife, fisheries, hydrology, soils, erosion and sediment controls, water quality, air quality, site remediation, and socio-economic impacts. We develop and review resource solutions for mining, hydro power, forestry, transportation, oil and gas, municipal works, and industrial/commercial infrastructure.



RESOURCE MANAGEMENT and PLANNING

Resource Management and Planning embodies a wide breadth of services to ensure project delivery satisfies both environmental protection and client interests. The management of aquatic and terrestrial resources requires input and coordination from a variety of disciplines. Our approach utilizes skilled professionals from a number environmental services to develop competent and cohesive deliverables.

Team coordination with scientists, engineers, planners, urban design professionals, and First Nation governments allows us to tailor our efforts to specific client needs. Resource Management and Planning provides a disciplined and efficient approach to environmental protection strategies. Aspects of this sector includes integrated resource management, fisheries and wildlife management, restoration and reclamation, watershed management, contaminated site assessments, official community planning, and park and recreation planning.

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LAND USE PLANNING and GEOGRAPHIC INFORMATION SYSTEMS

MOUNTAIN PACIFIC's team brings a wealth of land use planning experience to the table. Our staff have undertaken official community planning, resource development, conservation planning, renewable resource provisioning and recreation planning at various scales. Coordinating effective planning with environmental requirements ensures good practice and fiscal responsibility. Consultation, policy planning, and recommendations have been provided to land use decision makers for a variety of planning strategies. Our GIS platforms allow a broad array of spatial analysis and mapping to best serve client needs.

ENVIRONMENTAL MANAGEMENT and MONITORING



MOUNTAIN PACIFIC have ensured environmental safeguards are included in both public and private sector works. Environmental Management options have included spill contingency planning, slope stability and sustainable hillside development, ecosystem management, shoreline management, riparian area regulations and floodplain management. Environmental Management objectives may be specific to regulatory requirements, safety protocols, and species or habitat conservation. Our monitoring programs provide due diligence while maintaining regulatory compliance with all governing agencies.

SENIOR PROJECT MANAGEMENT

Successful project delivery requires a comprehensive understanding of project objectives, exacting technical competence, planning and execution foresight, thorough knowledge of governing regulatory standards and detailed management of budgets and timelines. Imperative to senior management proficiencies is ensuring adequate training, identified capacity and unforgiving safety for all project staff

STRATEGIC PLANNING and IMPLEMENTATION

Our team does not like to see good plans and projects collect dust on the shelf. MOUNTAIN PACIFIC utilizes a strategic planning process, connecting dots and implementing sound initiatives. Our most recent project examples include undertaking the review of large industrial developments including Spectra Energy's T-South Pipeline, Lafarge Canada's Kamloops Project, New Gold's New Afton Project, and Teck Resources' Highland Valley Copper Project. Following implementation our team employs review and feedback systems to measure performance and further improve project efficacy.

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POLICY and ECONOMIC DEVELOPMENT

MOUNTAIN PACIFIC have contributed to environmental policy amendments in Western Canada, Northern Canada, US mid-Atlantic and the South Pacific. Policy research has included land use management, Protected Area Strategies, wildlife conservation strategies, greenhouse gas reduction, energy management, affordable housing, downtown revitalization, waterfront enhancement and economic development. Economic development is an important component of ensuring community sustainability through job creation, fiscal stability and wealth management.

ABORIGINAL COMMUNITY and PUBLIC CONSULTATION

Citizens today expect to have input on major decisions on developments affecting their communities. Working jointly with stakeholders toward a common goals and compromise is both efficient and cost-effective. Our staff are well experienced in both Aboriginal Community and Public Consultation. We have presented before numerous panel hearings and workshops addressing project review, consultation meetings, development applications, policy initiatives or information requests. Our scope of consultation efforts have included aboriginal engagement, land use management, community planning, and process orientation.



COMMUNITY SUSTAINABILITY

Our team have engaged in a multitude of projects targeting sustainability objectives. Such objectives enhance current planning metrics while facilitating the success of future targets. MOUNTAIN PACIFIC is currently examining renewable energy options on First Nation lands. Sustainability initiatives have also included development policies, ecosystem health, management plans and Green House Gas reduction strategies.

ASSET MANAGEMENT

MOUNTAIN PACIFIC have assessed both capital and costing for significant private and public interest. Inventory, financial evaluation, forecasting capital works, and cost assessment is a proud measure of our team's success. Project sectors including government, hydro development, oil and gas, and resort development have employed MOUNTAIN PACIFIC for accounting and monitoring asset upgrades. Accurate and inclusive assessment of client assets provides confidence and structure to management goals. Achieving cost-effective planning through detailed asset management is key to both sound practice and investment.

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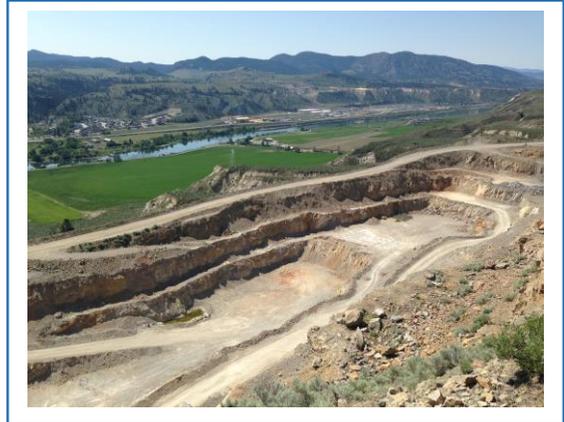
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BROAD UNDERSTANDING. SECTOR SPECIFIC.

Mining

MOUNTAIN PACIFIC staff have worked on some of Western and Northern Canada's largest and highest profile mining operations. Professional commitments have involved a variety of tasks including regulatory approval, impact assessment, project site coordination, sampling program study design, baseline data capture, impact mitigation strategies, and Aboriginal Community consultation.

Our team's mining clients have included De Beers Canada, Rio Tinto, Teck Resources, Newmont Mining Corporation, Fortune Minerals, and Public Works and Government Services Canada.



Energy and Power

Western Canada is abundant with oil and gas, hydroelectric, and renewable energy resources. These assets have long been, and continue to be, the economic drivers of Western Canada. MOUNTAIN PACIFIC has completed a varied and diverse array of project work related to all three sectors. Project work has included impact assessments in Makenzie River Valley, wildlife habitat enhancement plans in Fort McMurray, seismic guideline development for the NWT, hydroelectric development and impact mitigation in BC, geothermal feasibility and design in the Okanagan, and wildlife mitigation strategies for northwestern BC wind farms. Our staff provides the depth of experience and professional measure to guide clients from project approval to closure.

Forestry and Agriculture

Forestry remains Western Canada's largest and proudest renewable resource sectors. Agriculture and food production are as important to Canada's economy as they are to this nation's cultural fabric. These two sectors remains a hallmark of the successful interaction of industry and environmental protection.

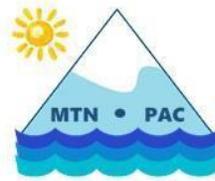


MOUNTAIN PACIFIC staff have assisted forest companies with silviculture surveys, site prescriptions, cutblock layout, inventory assessment, mapping, biophysical impacts, resource road access mitigation and compensation planning. Integrating industry demands with environmental protection requires a multi-disciplinary approach.

Agricultural studies conducted by MOUNTAIN PACIFIC have included water quality investigations, soil erosion control, invasive species control and water quality monitoring.

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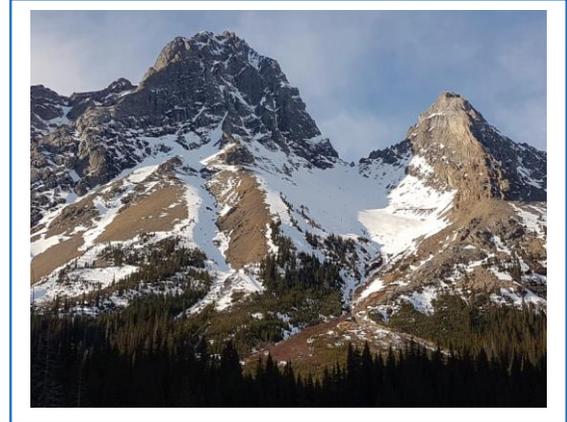


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Park Planning

Park planning often entails balancing ecological integrity with recreational opportunity. Managing planning objectives with expectations requires a comprehensive understanding of natural systems, existing opportunities and site-specific constraints.

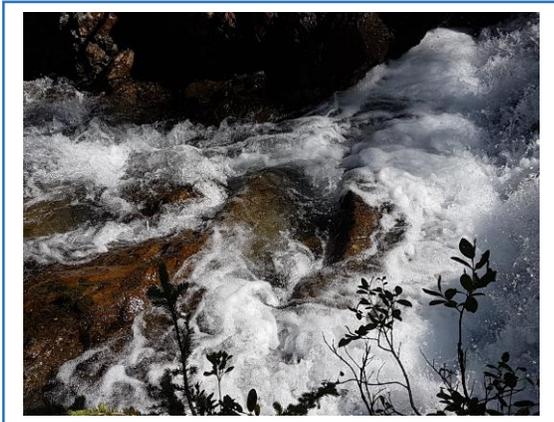
Our team has developed a wide variety of park plans including species assessment and site rehabilitation for national park strategies, municipal park design and planning, multi-user conflict resolution and residential park enhancement.



Transportation

An integral part of Canada's economic and social structure, transportation projects have the potential to impact contiguous terrestrial habitat, surface waters, groundwater, riparian corridors and ecological function. As with other linear feature development works, assessing and mitigating transportation impacts requires an integrated approach between scientists, planners, and transportation engineers.

MOUNTAIN PACIFIC has conducted numerous highway, forest service roads and transportation infrastructure projects throughout Western Canada. These experiences have provided us the knowledge to both understand and address the environmental, project management, and regulatory challenges such projects demand.



Water Resource Management

Impacts to local freshwater systems represent among the most important challenges to BC and Western Canada's environment. Securing healthy and sustainable water resources is vital to both ecological and human health. Ensuring the long-term viability of these systems requires the consolidation and integration of varied disciplines including hydrology, biology, geology, environmental engineering, contaminated site assessment, and laboratory testing.

At MOUNTAIN PACIFIC, our unique approach of inter-disciplinary operations provides us the effective working group and balance to pursue this critical issue. Our team have conducted baseline characterizations, groundwater supply and development, well maintenance and management, wastewater disposal, mine site testing, construction site sampling, agricultural contaminate sampling and sewage lagoon sampling. Our experience has included project work in BC, Alberta, Yukon, Northwest Territories, Nunavut, Saskatchewan, Manitoba, and Ontario.

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Urban Design

Population growth coupled with increasing both urbanization and densification imposes heightened pressures on land and water resources. Evaluating environmental interests while resolving development conflicts requires a team unified in both vision and function.



In delivering such results, MOUNTAIN PACIFIC staff work together with our network of Urban Design and Planning engineers to produce quality results that provide land managers with exacting tools for sound development decisions. Further, our team is well familiar with the regulatory processes and jurisdictional specifics governing land development in Western Canada to best insure efficient review and approval.

Industrial and Commercial Development

The environmental challenges facing industrial and commercial development requires a thorough and comprehensive understanding of the regulatory framework governing these issues. These challenges include ecological constraints, applicable permitting, expected time lines for approval, project scheduling, and species-specific work windows. Our MOUNTAIN PACIFIC team specializes in delivering cost-efficient and functional solutions to challenges unique to both environment and specific project works.

At MOUNTAIN PACIFIC, our dynamic approach of incorporating multi-disciplinary inquiry with a thorough understanding of regulatory framework heightens our client's end product results. This balance respects both environmental protection with good business acumen.

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SELECTED MOUNTAIN PACIFIC TEAM PROJECT EXPERIENCE

Mining

Rio Tinto Diavik Mine	Shell Muskeg River Mine
DeBeers Gaucho Kue Mine	Albian Sands Energy Jackpine Mine
Newmont Hope Bay Project	Newmont Mining Corporation Con Mine
Tahera Diamond Corporation Jericho Mine	Cardero Resources Carbon Creek Project
Fortune Minerals Nico Project	AANDC Hidden Lake Mine Remediation
Western Copper Casino Project	PWGSC Blanchet Mine Remediation
KGHM International Ajax Mine Project	PWGSC Outpost Mine Remediation
Lafarge Kamloops Mine	PWGSC Waldron Mine Remediation
New Gold New Afton Mine	PWGSC Wilson Mine Remediation

Oil and Gas

Spectra Energy EA (First Nation Review)	AANDC NWT Seismic Guidelines
Shell Jackpine Water Bird Protection	Kodiak Seismic Wildlife Protection Plan
Albian Sands Muskeg River Compensation Plan	Imperial Oil Resources Kearl Oil Sands EA
Spectra Energy Pipeline EA (First Nation Review)	Envolve Energy Services Permitting
Petro Canada Lease 14 Env. Assessment	

Transportation

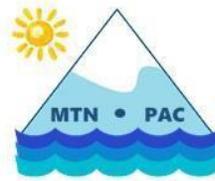
British Columbia Timber Sales (various)	Akokli Bridge Replacement EA
HWY 1 Trans Canada – Neskonlith FN Review	Pedro Ck. Fish Habitat Assessment
BC MOT HWY 97 Stone Ck. EA	McCormack Rd. Bridge Fish Habitat Assessment
PWGSC Deh Cho Bridge Project	BC MOT HWY 31 Fish Habitat Compensation Plan
BC MOT Gwillim Ck. Habitat Compensation	BC MOT Floodworks Construction Monitoring
Slocan River Geomorphic Assessment	Kuskonook Ck. Environmental Management Plan
BC MOT Zwicky Bridge Stream Restoration Project	Lardeau River Fish Habitat Compensation Plan

Forestry

BC MOT Hadow Ck. Compensation Project	St. Leon Road Drainage Assessment & Prescriptions
Sk'atsin Resources Forestry Program	Slocan Forest Products Forest Habitat Assessment
BCTS Mission Creek FSR Construction	Interfor Forest Management Plan
Tolko Industries Forest Management Plan	BC MOT Whiskey FSR Hadow Ck. Compensation
BCTS Koochin FSR Bridge Inspection	Okanagan Shuswap Timber Sales Management Plan
BC MOF Silviculture Trail Site Occupancy	Price Waterhouse Coopers Harvest Model
BC MOF Invermere Site Disturbance Assessments	Atco Lumber Water Resources Inventory Report

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Renewables and Conservation

Gardner Independent Power Project
Selkirk Hydroelectric Development Project
Axor Glacier/Howser Hydroelectric Project
District of Summerland Giant's Head Park Master Plan

Alterra Power Dokie Hazlar Wind Project
Axor Wind Energy BC Feasibility Project
City of Yellowknife Ecological Resource Inventory
City of Enderby Belvedere Park Master Plan

Planning

City of Osoyoos Gyro Park Pier
City of Penticton SS Sicamous Master Plan
Compass Developments Old Town Bay Marina EA
Willow Shores Resort Marina Expansion

City of Enderby Belvedere Park Master Plan
City of Yellowknife Ecological Resource Inventory
Tk'emlúps te Secwépemc Lands, Leasing & Tax
Village of Kaslo Waterfront and Parks Strategy

First Nation Resource Development Strategy

Envolve Energy Services
Selkirk Power Hydroelectric Development Project
Tk'emlúps te Secwépemc Env. Management Plan
Tk'emlúps te Secwépemc Lands, Leasing & Tax
Coldwater Solutions
Secwépemc EA of TransCanada HWY 1 Upgrades

Sk'atsin Resources Forestry Program
Stk'emlupsemc te Secwepemc Ajax Review
Digga Resources Deh Cho Bridge Project
PWGSC NWT GSL Abandoned Mine Project
Neskonlith First Nation Forestry Program
South Thompson Fish Habitat Restoration

SOUND EXPERIENCE. PROVEN SUCCESS.

At MOUNTAIN PACIFIC, our wealth of experience provides confidence to successful project delivery. Our commitment to clients, environment and community has proven key to team success. Early recognition of concerns provides proactive response and competency in achieving expected goals.



MOUNTAIN PACIFIC provides project experience across a variety of disciplines. We work with interdisciplinary teams to deliver the highest quality product possible. Our broad professional network offers exacting expertise specific to project requirements.

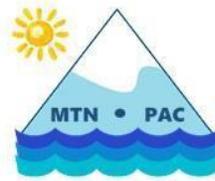
Science is a pursuit with heightened understanding as reward. Our team strives for improved knowledge of natural systems through directed inquiry and analysis. At MOUNTAIN PACIFIC, our team delivers technically sound and effectively communicated assessment of both primary and reviewed data.

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Key Team Personnel



Brian Arquilla M.Sc. RPBio is a Principal Consultant with Mountain Pacific Environmental Consultants. He has completed twenty years of terrestrial and aquatic studies throughout North America, the Caribbean and Oceania. Brian has conducted ecological investigations for a wide range of organizations including private industry, Aboriginal communities, Canadian Wildlife Service, US Fish and Wildlife Service, Fisheries and Oceans Canada, and Ducks Unlimited Canada. Further work opportunities have included Canadian and American academic institutions as well as municipal, provincial, and state agencies in both Canada and the United States.

Brian's project experience includes environmental practice lead for multi-disciplinary environmental assessments, species protection planning, wildlife habitat enhancement, habitat compensation programs, mining resource projects, oil and gas operation, transportation infrastructure works, hydroelectric development mitigation, project review for Aboriginal governments, Protected Areas Strategies, federal conservation initiatives, and wildlife abatement planning. Brian's work has also encompassed renewable resource economic assessments, oil and gas development planning, municipal ecological resource inventories, policy development planning, and project review for federal Contaminant and Remediation Directorates.

Eric Miller RPF RPBio is a Principal Consultant with Mountain Pacific Environmental Consultants. Eric specializes in forest and plant ecology, forest engineering, fisheries and aquatic assessments. Project expertise includes aquatic habitat restoration efforts, forestry program development and festive habitat protection. Eric maintains extensive experience in business leadership/ownership, corporate governance, project development, project management and business development. Executive management and investment equity further comprise Eric's business experience.



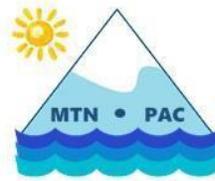
Prior to Mountain Pacific, Eric and his team established a \$187 million small hydro project. This and other projects have provided Eric with considerable understanding of the environmental regulations and the permitting process for small and large project development. An Aboriginal professional (BC Metis Nation), Eric has worked with multiple BC First Nation groups including in the areas of consultation and accommodation.

As a project researcher, Eric directed fisheries research program for Selkirk Power Company on three small *better teams. better solutions.*

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hydro projects including fish population studies, DNA analysis, fish inventory and distribution studies, fish habitat assessments, overwinter habitat use by trout, overwinter benthic invertebrate drift and community composition, in-stream flow analysis.



Cori Bender Ph.D Candidate Anthropology M.A. is a doctoral candidate at the University of South Florida and is interested in a political ecology understanding of environmental impacts. Cori's focus is on how the local U.S. Virgin Islands community perceives disaster risks related to water, energy and wastewater.

Cori earned her anthropology Bachelor of Arts degree with honours from the University of Calgary in Canada and her anthropology Master's degree from the University of Alaska Fairbanks. Her Master's degree fieldwork was concerned with Inuit political identity and transnational processes, and

involved ethnographic research conducted in Anchorage, AK. In addition to these projects, Cori was the primary investigator for an ethnographic project with the Calgary Homeless Foundation that explored how housing insecure people earned an income throughout their day in order to inform public policy related to panhandling in the city.

QUALITY ASSURANCE AND QULITY CONTROL

In ensuring quality assurance and control our entire Project team is comprised of recognized and experienced professionals boasting considerable experience. MOUNTAIN PACIFIC further commits to meet all Project deliverables deadlines as per contract arrangements.

MOUNTAIN PACIFIC carries \$2,000,000 in Errors and Omissions Insurance and \$1,000,000 in Commercial General Liability Insurance through Encon and Hub International Insurance Brokers, and is registered with WorkSafe BC.



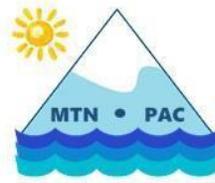
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Health and Safety

MOUNTAIN PACIFIC is committed to the health and safety of its employees, sub-consultants, clients and the public. In addition to complying with all applicable legislation, our corporate Health and Safety Policy requires all employees to be responsible for health and safety on the job. Our Health and Safety policy outlines specific health and safety requirements and provides documented Safe Work Practices for most tasks we undertake. Prior to the start of the Project a meeting of all project team members will be held to review relevant Safe Work Practices (SWPs) and Safe Work Procedures. Daily tailgate safety meetings will be held prior to commencing all field tasks. .

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MOUNTAIN PACIFIC PROJECT EXPERIENCE

MOUNTAIN PACIFIC specialises in environmental assessment, environmental management planning, asset management, and Aboriginal community services. We take pride in providing consulting services to both public and private sector clients. By providing a client-focused team atmosphere, MOUNTAIN PACIFIC has continued to expand its services and working relationships.

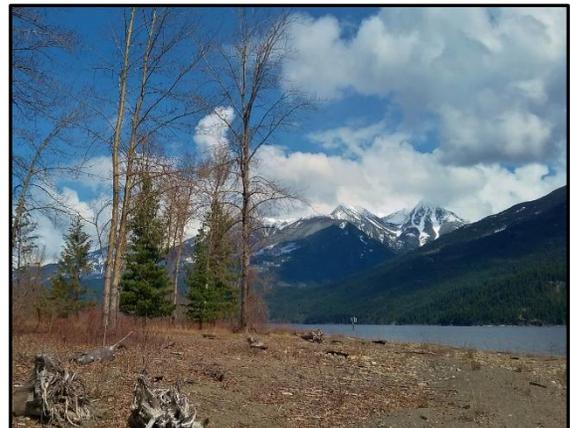
MOUNTAIN PACIFIC staff have gained the respect of clients and regulatory agencies through transparent and defensible science. Our team continues to establish quality procedures to ensure successful communication between all stakeholder groups and ensure that our client's overall project objectives are met. We strive for balance in all our objectives without compromise to either scientific integrity or social license.

While maintaining a focused presence in Western Canada, project efforts have included Northern Canada, the Atlantic Coast, the Caribbean and Oceania. The following is a selection of environmental education, awareness, and consultation project experience on behalf of our team:

Village of Kaslo: Waterfront and Parks Planning Strategy

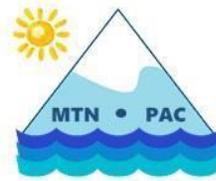
MOUNTAIN PACIFIC is developing a Parks Planning and Waterfront Strategy for the Village of Kaslo, BC. The Project attributes include Park and Waterfront Planning, Maintenance Standards and Operating Guidelines, Habitat Management and Invasive Species Control, Community Outreach, Ecological Management Planning, Mapping and GIS, and Community Consultation.

Client Reference:
Mr. Neil Smith
Chief Administrative Officer
Village of Kaslo
Kaslo, BC
Phone: 250.550.9768
Email: cao@kaslo.ca



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Stk'emlupsemc te Secwepemc Nation: Review of KGHM's Ajax Mine Project Environmental Assessment Application

On behalf of Stk'emlupsemc te Secwepemc Nation, MOUNTAIN PACIFIC conducted a review of KGHM's Ajax Mine Project Environmental Assessment Application near Kamloops BC. Component sections reviewed included fish and fish habitat, rare and sensitive communities, rare plants, grasslands, terrestrial invertebrates, reptiles, amphibians, migratory birds, non-migratory gamebirds, raptors, mammals, and environmental management systems.

Client Reference:
Ms. Sunny LeBourdais
KGHM Ajax Project Coordinator
Stk'emlupsemc te Secwepemc Nation
Savona, BC
Phone: 250.320.0712
Email: sunny@stkemlupsemc.ca



Bergevin Electrical Contracting: Gardner Creek Hydro Project

MOUNTAIN PACIFIC is providing Senior Management services for the development of the Gardner Creek Small Hydro Project. Duties includes project oversight of feasibility studies, permitting, engineering, construction and operation. Field services include hydrology, baseline habitat assessment and benthic investigations.

Client Reference:
Mr. George Bergevin
Chief Executive Officer
Bergevin Electrical Contracting
Nakusp, BC
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Traditional Environmental Assessment of TransCanada Highway 1 Upgrades

MOUNTAIN PACIFIC worked with five Secwépemc bands to complete a Traditional Environmental Assessment in preparation of BC Ministry of Transportation and Infrastructure upgrades to the TransCanada HWY 1. Biophysical works included ecological community assessment, winter track count surveys, avian point count surveys, wildlife habitat assessments and effects analysis. Empowering Secwépemc stakeholders with the ability to conduct technical assessment within their own territory is a powerful approach to improving the British Columbia Environmental Assessment process

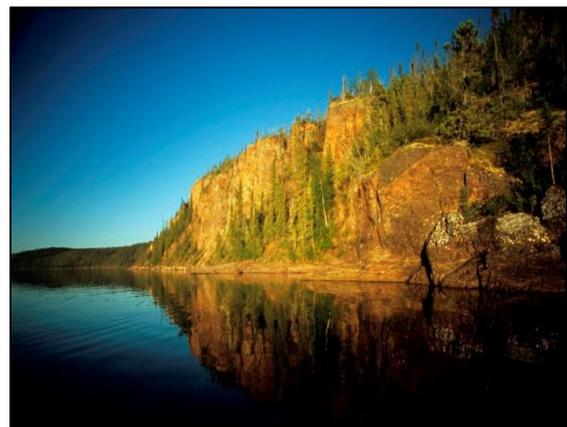
Client Reference:
Mr. Shane Vincenzi
Manager
Sk'atsin Resources LLP
Chase, BC
Phone: 250.679.3296
Email: shanevincenzi@skatsin.com



Public Works and Government Services Canada: Great Slave Lake Abandoned Mine Remediation Project

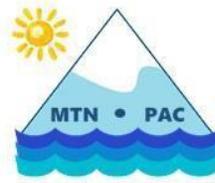
On behalf of Public Works Government Services Canada, MOUNTAIN PACIFIC led a number of disciplines toward the remediation of four mine sites in the Eastern Arm of Great Slave Lake; NWT. Project work included developing erosion and sediment control plans, waste management plans, wildlife management, and health and safety plans in keeping with regulatory and project commitments.

Client Reference:
Mr. Rob Lauman
President
Efficient Environmental Ltd.
Vernon, BC
Phone: 250.550.9768
Email: rob@efficientenv.com



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Tk'emlúps te Secwépemc: Environmental Management and Land Use Plan

Together with Indigenous and Northern Affairs Canada, MOUNTAIN PACIFIC developed a comprehensive Environmental Management Program for Tk'emlúps te Secwépemc's industrial, commercial, and residential lands. The Program supports Secwepemc cultural tradition as Stewards of the Land while addressing sustainability planning, protection options, communication strategies, and strategic partnerships. A wide variety of stakeholders include lease holders, regulatory agencies, and both public and private interests.

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Sahtu Land and Water Board: Renewable Resource Assessment of the Shúhtagot'ine Néné Area of Interest

On behalf of Golder Associates Ltd., Mr. Arquilla developed an economic assessment of fish and wildlife resources within the Shúhtagot'ine Néné Area of Interest. The assessment examined subsistence harvest, recreational fishing and hunting, big game outfitting, trapping, and commercial harvesting. Emerging results were integrated and supported Sahtu Land and Water Board policies and land use decision making.

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Involve Energy Corporation: Water Disposal Facility Asset Management

Together with Involve Energy Services Corp., Mr. Miller conducted asset management and project conceptualization for a water disposal site south of Grande Prairie, AB. Working directly with the CEO and COO, Eric was further responsible for project feasibility, permitting, and approvals.

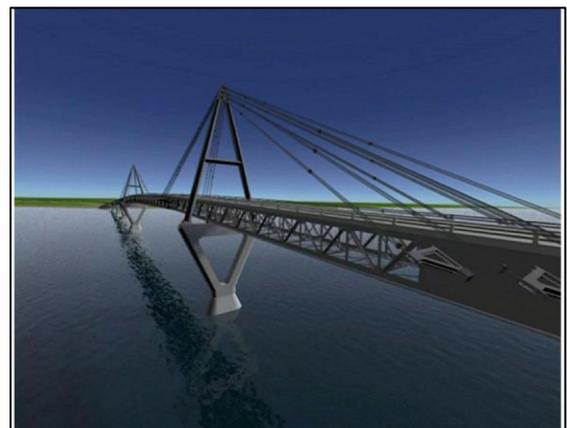
Client Reference:
Mr. Dennis Warren
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British Columbia Timber Sales and Department of Fisheries and Oceans Canada: Shuttleworth Creek Fish Habitat Restoration Project

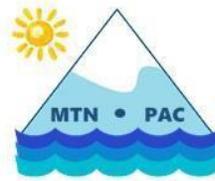
On behalf of British Columbia Timber Sales and Fisheries and Oceans Canada's Recreation Recreational Conservation Partnership Program, Mountain Pacific is restoring fish access to six kilometres of upstream habitat in the Okanagan Valley's Shuttleworth Creek. The design and installation of an arch culvert under Kilmer Road replaces current barriers to the downstream resident rainbow trout fishery in both Allenby Lake and Shuttleworth Creek. Project works benefit both local fish populations and resource use through restored fish passage and enhanced recreational fisheries opportunity.

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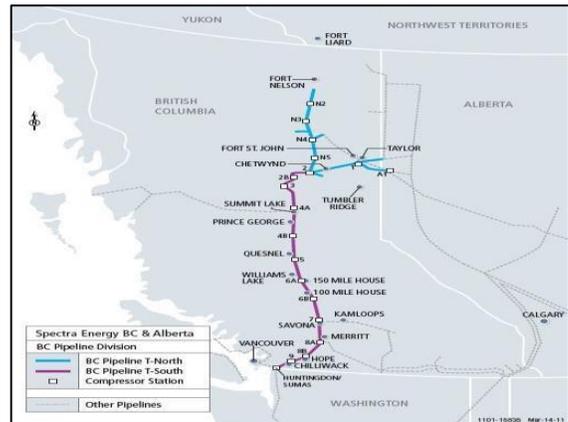


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Tk'emlúps te Secwépemc: Review of Spectra Energy's Transmission South Pipeline Environmental Management Plan

The T-South Pipeline transfers LNG from Fort Nelson in northeast British Columbia south to the Canada/United States border at Huntingdon/Sumas. The T-South linear corridor transverses lands where Tk'emlúps te Secwépemc assert aboriginal rights and title. MOUNTAIN PACIFIC provided third party review of potential impacts from proposed management activities in Secwépemnloo, British Columbia

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City of Yellowknife: Ecological Resource Inventory

On behalf of Golder Associates, Mr. Arquilla was retained for the assessment and delivery of a City of Yellowknife's Ecological Resource Inventory. The Project assessed and implemented conservation, environmental management, and development options for municipal planning and zoning. The Project remains the City's base document for planning decision making on ecologically sensitive lands.

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Photo credit: City of Yellowknife



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Selkirk Power Corporation: Hydro Project Asset Management

As Co-founder and Director of Selkirk Power Corp., Mr. Miller worked with an executive team raising equity, acquiring energy purchase agreements, managing assets, corporate planning and tracking, permitting, and establishing long-term partnerships with First Nations. Eric was also responsible for working with engineering teams in completing the preliminary design for three small hydro projects that had an estimated capital cost of \$187 million.

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Vanuatu Department of Lands Management: National Environmental Assessment Strategy

On behalf of the Vanuatu Department of Lands Management, MOUNTAIN PACIFIC provided strategic advice and recommendations on a National Environmental Assessment Strategy. The guidance document was structured on current British Columbia Environmental Assessment Office and Canadian Environmental Assessment Agency regulations. The objective of the project is to assist the developing country of Vanuatu with the protection of environmentally sensitive resources while balancing tourism potential.

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Axor Experts-Conseils Inc.: Glacier/Howser Hydroelectric Development Project

Mr. Miller led the environmental impact assessment for the hydroelectric developments for the Glacier and Howser creek aquatic resources. Project works included Instream Flow Fish Assessments of Glacier Creek and the Fish Inventory and Habitat Assessment of Glacier Creek / Howser Creek.

Client Reference:
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BC Ministry of Environment: Gwillim Creek Habitat Compensation Plan

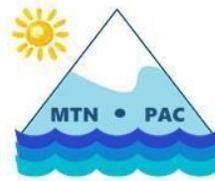
Mr. Miller led the BC Ministry of Environment's Gwillim Creek Habitat Compensation Project. The project comprised design planning and development of fish habitat and riparian restoration. Task components included rip rap installation, rootwad revetments, large woody debris anchoring, and live willow plantings. Enhanced fish habitat efforts protected from erosion control, reduced sedimentation, and heightened aquatic vegetation within the project study area.

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Wek'èezhii Renewable Resource Board: Wildlife Management Overview Report
Completed by Brian Arquilla

On behalf of Jacques Whitford , Mr. Arquilla provided the Board with Wek'èezhii wildlife concerns, relevant parties involved with the management of renewable resources, current issues of concern to stakeholders; and a preliminary assessment of priority for actions. The report updated and guided the Board in their establishment of a strategic process that outlining and develops their mandate. Further, this overview report provides conclusions as to the current state of knowledge within the Wek'èezhii' Renewable Resource Board framework, and offers recommendations for courses of action.

Client Reference:
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Shell Canada Energy Ltd.'s Albian Sands Energy: Jackpine Mine Avian Abatement Program

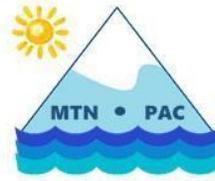
MOUNTAIN PACIFIC developed Shell Canada Energy Ltd.'s Avian Abatement Monitoring Plan to provide guidance to the Ft. McMurray Jackpine Mine Project. A key objective of the Monitoring Plan is the development of specific data collection protocol to be used in establishing comparative efficacy estimates between abatement methods. The Plan provided working tools for staff biologists. The project facilitated efficient, consistent and repeatable data capture among and between field seasons.

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The Nature Conservancy: Virginia Coast Reserve Management Program

Mr. Arquilla investigated and provide management strategies for the enhancement of coastal avian wildlife populations in the mid-Atlantic's Virginia Coast Reserve. The Project assessed wildlife ecology with respect to habitat availability and predator densities on a ten island archipelago. Resulting management applications were implemented to conserve and heighten local breeding populations.

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The City of Penticton: SS Sicamous Heritage Park Master Plan

Together with CTQ Consultants, MOUNTAIN PACIFIC conducted environmental reviews of planning practises for the City of Penticton SS Sicamous Heritage Park Master Plan. Tasks included sensitive ecosystem assessment, fish habitat protection, fish passage assessment, riparian compensation options, and bathymetric studies. The Working Group further examined the land use planning with respect to the local business district, trail network, municipal roads, and parking.

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British Columbia Timber Supply: Hadow Creek Compensation Plan

British Columbia Timber Supply constructed a foreshore road along a 200 m section of the Arrow Lake reservoir located on the northeast arm of Arrow Lake. The section of road is an extension of the Whiskey FSR which enables access to timber resources west of Hadow Creek. The Project compensation area totalled 2,760 m² and included 3,550 live wood cuttings and 8,580 sedges plantings.

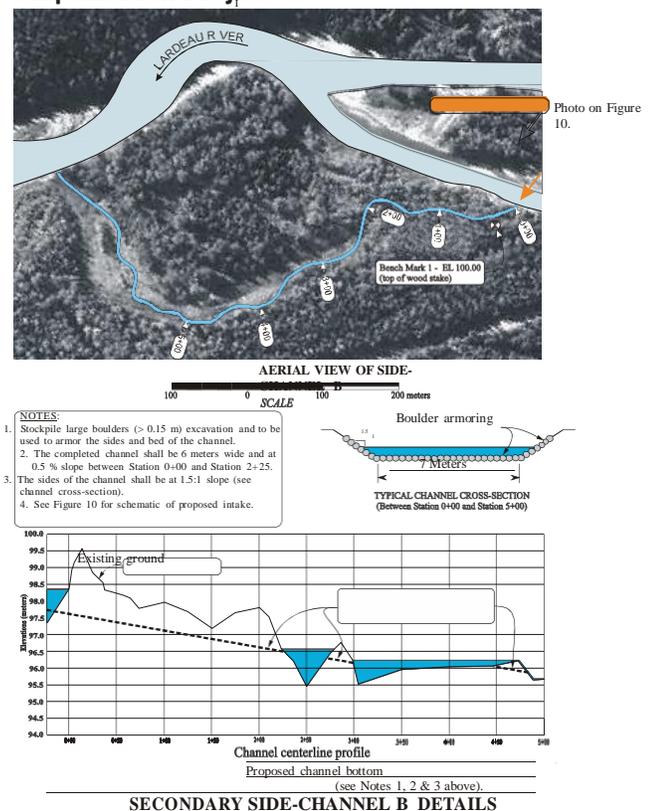
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BC Ministry of Transportation: Lardeau River & Kootenay Lake Compensation Project

Mr. Miller developed a habitat compensation plan on Behalf of the BC Ministry of Transportation meet Department Fisheries and Oceans compensation requirements resulting from remedial work along the Lardeau River. A total of 1995 m² of spawning habitat within side-channels of the Lardeau River was required as compensation for fish habitat loss.

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