



Hatfield
CONSULTANTS

Environmental Specialist Since 1974

OIL AND GAS

INDUSTRY *Hatfield helps you apply solutions to preserve natural resources and the environment*

WE PROVIDE HIGH-QUALITY ENVIRONMENTAL AND NATURAL RESOURCE CONSULTING SERVICES THAT INCLUDE:

Baseline environmental inventories and monitoring studies

Environmental impact assessment (EIA)

Environmental effects monitoring (EEM)

Fish and fish habitat assessment

Climate and hydrology monitoring and assessment

Stream crossing assessments

Environmental audits

Remote sensing, GIS mapping services, and data management

Environmental mitigation, enhancement, and compensation

Construction monitoring

Consultation and communication with multiple stakeholders

WWW.HATFIELDGROUP.COM

Hatfield provides environmental and natural resource consulting services to clients in the oil and gas industry in Canada, South America, Southeast Asia, and China. We help our clients exceed regulatory requirements by applying the best management practices for environmental assessment and protection. Coordination, liaison and communication with multiple clients, consultants, local community groups, and Aboriginal peoples are key success factors in our projects.

FEATURED PROJECTS



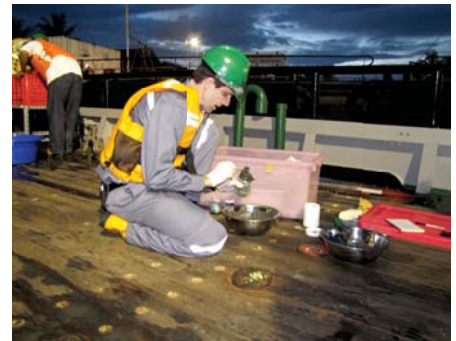
MONITORING AQUATIC ENVIRONMENTS IN THE OIL SANDS REGION

Hatfield has made a significant corporate commitment to environmental management within the oil sands region. Our team has carried out over 60 environmental projects for the oil sands industry in Alberta, including environmental impact assessments for proposed developments, environmental monitoring of aquatic environments, GIS and remote-sensing applications for development and reclamation activities, and environmental data management. We have implemented and managed the Regional Aquatics Monitoring Program (RAMP, www.ramp-alberta.org) since 2003.



ENVIRONMENTAL IMPACT ASSESSMENT OF A NATURAL GAS PIPELINE

Hatfield reviewed and evaluated the marine component of the environmental impact assessment (EIA) documentation submitted to the National Energy Board in support of the Georgia Strait Crossing Project, a proposed submarine natural gas pipeline crossing from Washington State to Vancouver Island. We provided the National Energy Board with time-sensitive information regarding potential environmental impacts and environmental management issues during the Joint Review Panel process and associated hearings. Hatfield also prepared the Marine Environment section of the Joint Review Panel Report.



ENVIRONMENTAL RISK ASSESSMENT AND ENVIRONMENTAL MONITORING SURVEY

Hatfield is conducting an environmental risk assessment (ERA) and Environmental Monitoring Survey for TOTAL E&P Indonesia in the Mahakam Delta, East Kalimantan, Indonesia. The project will investigate the fate and behaviour of produced water constituents from a central processing unit outlet to the Mahakam River, and to determine if the discharge of constituents is effecting the aquatic environment. The Environmental Monitoring Survey of the Mahakam Delta and offshore fields is designed to determine the effects from historical and current drilling discharge activities. The sampling encompasses water and sediment chemistry, benthos, and socio-economic data.

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WHY HATFIELD CONSULTANTS?

Established in 1974 and based in Vancouver, Canada, Hatfield Consultants has built a worldwide reputation in environmental services with over 1,600 projects in Canada, Asia, Africa, South America and Europe. With company offices in Canada, Indonesia, Laos and Botswana, as well as business partners in Chile and Thailand, we are well positioned to respond to your individual project needs and requirements – wherever you are.

We help you apply best environmental practices and contribute to a sustainable future.