

INTEGRATED APPLICATIONS

Project Applications and Environmental Impact Assessments

Over the past 30 years, Matrix staff have been recognized as leading Environmental Impact Assessment (EIA) practitioners in western Canada, with approximately 50% of our business coming from this practice area and having directed many projects.

Matrix has the expertise to provide overall project management, regulatory and technical direction for project application, baseline data collection, impact assessment, mitigation planning and overall documentation. One of our strengths is the integration of engineering and environmental expertise, to support the clear communication of key project requirements to both the client and assessment teams.

The assessment team includes over 50 experienced Matrix personnel who are highly qualified in the following disciplines:

- Project Application
 - Overview, including project schedule
 - Application for Approval
 - Project Description
 - Environmental Management and Controls
 - Conservation and Reclamation Plan
- EIA
 - Hydrogeology, including water supply,
 - Hydrology,
 - Water quality,
 - Fish and fish habitat,
 - Soils and terrain,
 - Vegetation,
 - Wildlife,
 - Biodiversity,
 - Land and resource use, and
 - Social impact assessment.

In addition, Matrix maintains strategic partnerships with other consulting firms with whom we have worked on other EIA projects, who specialize in air quality, noise, health, traditional use and traditional knowledge, historical resources, and economics.

At Matrix we believe that the regulatory approvals process is the first step to successful environmental risk management over the lifetime of the project. Our approach to EIA management is to ensure the EIA supports the client's goal of achieving reasonable approval conditions.



Our Experience

Recent Matrix corporate Integrated Application experience includes project management and key technical work on the following projects:

- Shell Canada Carmon Creek Thermal Project;
- Shell Canada (formerly BlackRock Ventures) Orion EOR Project;
- Nexen Long Lake South SAGD;
- StatoilHydro Canada Kai Kos Dehseh SAGD (including the Leismer Demonstration Application);
- StatoilHydro Canada Upgrader Project;
- Andora Sawn Lake SAGD Project;
- Petrobank Whitesands In Situ (Amendment Application and ongoing environmental support); and
- Husky Energy Tucker Thermal Project.

In addition, for MEG Energy Corp., Matrix has acted as MEG's owner's representative and was responsible for the overall coordination and management of the Christina Lake Regional Project Pilot and Commercial Projects.

Presently, Matrix is working as the lead consultant on a number of Integrated Applications in the Regional Municipality of Wood Buffalo, Municipal District (MD) of Bonnyville, MD of Opportunity, Northern Sunrise County, and Parkland County, Alberta.