ENERGY Alberta

Notice of Activity
Baseline Environmental Studies

Peace River Nuclear Power Project

20 - 30km North of Peace River
April - August 2026
Issued: April 2026

Energy Alberta is conducting a series of environmental field studies to support planning for the proposed Peace River Nuclear Power Project.

The data and traditional knowledge we collect now will help us plan a responsible and sustainable project that meets regulatory requirements, protects the natural environment and reflects the priorities of nearby communities and Indigenous Nations and Communities.

Types of Environmental Studies

Throughout the spring and summer, you may observe field crews working in the area surrounding the proposed Project locations. These teams will be collecting data related to:

- Potential water intake locations
- Surface water conditions
- Groundwater conditions
- Local wildlife including Species at Risk
- Fish and fish habitat
- Air quality
- Terrain and soil surveys
- Vegetation, riparian and wetlands surveys
- Archaeology and historical resources

What you may Notice

Fieldwork may involve the use of boats, survey equipment, drones or passive monitoring devices (e.g., acoustic recorders). Activities will be conducted by trained crews, accompanied by Indigenous representatives, and will follow best practices to minimize any disruption to the land, waterways and nearby communities. All required land access will be received from the respective landowners prior to field studies.

Why It Matters

These studies are a vital step in understanding the local landscape - from environment and water to wildlife and communities. This work will help us identify potential impacts, guide mitigation measures and inform long-term monitoring plans.

Indigenous Knowledge

We are working closely with Indigenous Nations and Communities to support Indigenous-led studies, incorporate traditional land use knowledge and include Indigenous Monitors in fieldwork. These activities form part of the actions Energy Alberta is undertaking to ensure Indigenous rights, values and interests are recognized and respected at every stage of planning.

Contact Us

Learn more about the Peace River Nuclear Power Project and sign up for updates at **EnergyAberta.com**.
For more information, please contact: **Info@EnergyAlberta.com**

Le présent message contient des renseignements importants. Si vous avez besoin d'une traduction, veuillez communiquer avec **Info@EnergyAlberta.com**

Schedule of Activities

Approx. Date Range	Type of Field Studies
May – August	**Aquatics** **Surface water monitoring** will include collection of water level, water temperature, and discharge measurements at selected watercourses for the areas of the Peace River adjacent to the proposed Project. **Aquatics surveys** of the Peace River for the areas of the river adjacent to the proposed Project. Includes water quality, fish and fish habitat, and hydroacoustic survey.
April – September	**Terrestrial/Wildlife/Archaeology** **Wildlife Surveys** to retrieve and relocate wildlife monitoring devices and conduct wildlife foot surveys for Species at Risk habitats. **Historic Resources Survey** to identify historic structures within the local study area for the Project.
June - August	**Soils and Vegetation** **Terrain and Soil Surveys** to collect soil samples in the local study area that will be analyzed in a laboratory. **Vegetation / Soils Program** will include sample collection for vegetation and soils in the local study area that will be analyzed in a laboratory.
June - August	**Vegetation, Riparian and Wetlands** **Ecological Land Classification and Rare Plant Surveys** including plant Species at Risk, wetland delineation and classification within the local study area for the Project. **Wetland Survey** to obtain wetland and watercourse information to be used to classify wetlands within the local study area for the Project.
June – July	**Atmospheric and Visual** **Air Quality and Meteorological Monitoring Station Deployment & Monitoring** involves the deployment of an air quality monitoring station to collect local air quality and meteorological data. Followed by monthly field visits. **Photographic Survey** includes panoramic site photography of proposed site.

*Dates are subject to change and commencement of work is subject to necessary regulatory approvals and permits