



Ecological Services

To proceed with confidence that your project will meet expectations and regulatory requirements, Native Plant Solutions (NPS) can support your company by providing pre- and post-project completion ecological information, field data collection, data interpretation and data analysis. NPS brings you peace of mind in knowing you took a scientifically defensible approach to development.

Our services

Ecological surveys, monitoring and research — Ecological investigations can be designed to inventory biota in an area, identify regions of high biodiversity and assess habitat types. They can be structured to collect data on sensitive species or capture more rigorous data on habitat variables that support ecosystem functions in an area. Ecological surveys provide base-line data prior to landscape and development projects. They help direct activities to minimize adverse environmental effects and ensure proper steps are taken to preserve, mitigate or recreate habitats. They can also monitor a suite of habitat variables and fauna once development has occurred. **NPS ecological services include:**

- ✓ Water and soil sampling, testing and interpretation of results
- ✓ Water and land mapping and inventory
- ✓ Habitat assessments including vegetation and rare species inventories
- ✓ Wildlife surveys, inventories and identification
- ✓ Research project design and sampling strategies
- ✓ Data interpretation, statistical analysis and report writing
- ✓ State of knowledge reports and literature reviews
- ✓ Geo-spatial mapping and analysis
- ✓ Best management practices recommendations and strategies

Quality assurance and environmental audits — NPS can provide third-party verification and site inspections for clients to support reporting and regulatory requirements.

Geographic Information Systems (GIS) products — NPS has extensive experience in digitizing, classifying, analyzing and managing wetland and upland geo-spatial land products. We understand the importance of GIS products in project planning and delivery.

Why choose Native Plant Solutions?

NPS staff have experience in Canadian ecological landscapes across the country. Whether it is terrestrial or aquatic zones in the Arctic, our boreal forests, prairies or on the coast, NPS has designed and conducted research studies, constructed and managed wetlands and planted native grass uplands in every region of the country.

Our network of contacts in the scientific and technical community allows us to bring the most effective skill set and knowledge base to your project. Through partnerships and collaboration, we present the best information so you can act with confidence.



To learn more about NPS, our projects and expertise, visit nativeplantsolutions.ca