

## **Ecological Services include:**

- Conduct site assessments and habitat analyses, research into existing permits to support land use planning, design and management;
- Assist in identifying land use potential as well as opportunities to integrate significant natural habitat and features into site plans;
- Perform wetland delineations and functional assessments, e.g. following Unified Mitigation Assessment Methodology (UMAM);
- Coordinate with client and project team to prepare, or assist with preparation of, local, state, and federal environmental permit applications; coordinate with local, state, and federal wetland regulatory agencies to finalize wetland jurisdictional determinations;
- Conduct listed species habitat assessments and surveys;
- Coordinate listed species permitting and preparation/implementation of required management plans;
- Conduct baseline and long-term monitoring of wetlands for consumptive use permits.
- Coordinate and oversee implementation of native plant installation plans for mitigation and restoration areas. Coordinate with habitat management and/or vegetation maintenance providers to ensure that cover of desirable/planted species and undesirable invasive exotic species meet permit success criteria.
- Prepare/coordinate mitigation and monitoring plans; conduct temporary and long-term monitoring of wetland mitigation areas and listed species based on permit requirements.
- Provide field botany, wildlife, and vegetative community assessments, mapping, qualitative and quantitative surveys in order to provide support to land managers.
- Conduct invasive exotic plant occurrence assessment, inventory, and mapping.

**Design Services include:**

- Assist in identifying land use potential as well as opportunities to integrate significant natural habitat and features into site plans;
- Planting plans for mitigation and restoration;
- Residential and public space landscape design featuring native plant materials;
- Planning for visitor use in natural resource areas;
- Full array of architectural services including surveys of existing construction, programming, schematic design and design development, construction documents, and construction phase services for new facilities and renovations with emphasis on those projects that include ecological design features;
- Architect peer design review