

## STEVEN QUARTERMAN

Senior Associate Ecologist



Since 1999, Steven has provided natural resources management, documentation, and permitting services in support of a variety of projects. He routinely provides permit support services related to critical areas, shorelines, sensitive species, and zoning code requirements. His experience includes wetland/waterway delineation, assessment of wetland functions and values, wetland/riparian restoration, sensitive species evaluations, and local/state/federal permitting and documentation support services. Steven has prepared a number of Joint Aquatic Resources Permit Applications (JARPA), State Environmental Policy Act (SEPA) checklists, Categorical Exclusion and Environmental Assessment forms for compliance with the National Environmental Policy Act (NEPA), and Biological Assessments.

### PROJECT EXPERIENCE

**City of Pacific, West Valley Highway – County Line Road to 8th Street East; Pacific, WA.** Project manager for a critical area assessment in support of repairs and upgrades for portions of the West Valley Highway East from County Line Road to the City limits at 8th Street East in Pierce County, Washington. Services included wetland/waterway delineations and assistance with culvert assessment for determination of fish passability.

**City of Olympia, Public Works Maintenance Facility; Olympia, WA.** Steven provided wetland reconnaissance in support of a rebuild/remodel of the Olympia Public Works and Maintenance Facility. The scope of services included review of existing conditions and likely site development requirements for site alternatives. Steven reviewed the site for wetlands, and other critical areas on and adjacent to the property in accordance with City, state, and federal standards. Landau prepared an environmental strategy document that summarized wetland/buffer conditions and evaluation of mitigation strategies for potential impacts from each alternative.

**City of Edmonds, City Park Spray and Play Wetland/Waterways Investigation and Mitigation; Edmonds, WA.** Project manager providing technical lead for wetland delineation, an ordinary high water mark delineation and development of a buffer mitigation plan for the City of Edmonds City Park Spray and Play improvements. The City is modifying the existing City Park to provide a spray and play area.

**Kitsap County, Manchester Sewer Facilities Upgrade; Manchester, WA.** Task lead for environmental permitting services. Efforts include wetland/waterway delineation; preparation of Biological Assessment, Joint Aquatic Resources Permit Application (JARPA), and Shoreline permit; and agency coordination. Kitsap County is proposing system rehabilitations to the existing sewer system located along the Puget Sound shoreline in the unincorporated village of Manchester. The proposed project consists of two main activities: beach line rehabilitation and pump station rehabilitation.

**Confidential Utility, Site Assessment; Near Arlington Airport, WA.** Project scientist providing natural resources and environmental permit evaluation support in the prior-to-purchase feasibility assessment for a site near Arlington Airport. The property under consideration is a 21-acre former industrial property. The scope of services included review of existing conditions and likely site development requirements. Steven reviewed the site for wildlife, wetlands, and other critical areas on and adjacent to the property in accordance with city, state, and federal standards. Landau prepared an environmental strategy document that summarized known and potential environmental conditions and addressed the related environmental risks and permitting associated with property ownership and development.

**Expertise** Stream, habitat, and biological assessment, Wetland/waterway services, Air and noise impacts assessment, Resource agency coordination, NEPA/SEPA documentation, Environmental permitting, Project management **Education** Masters of Environmental Management, Duke University, 1999 | BA, Biology, Albion College, 1997 **Certification** WSDOT-Qualified Senior Biological Assessment Author, WSDOT-Qualified Lead Analyst for Noise Studies