

Bill Kidder has 18 years of experience leading ecological projects associated with infrastructure, heavy industry, energy production, utility transmission, and commercial projects. Bill's expertise includes ecological studies, project feasibility/siting, environmental impact statements (EISs) and environmental assessments (Eas), and habitat restoration/mitigation for species and habitats regulated by federal, state, and local jurisdictions. He has successfully permitted projects through the U.S. Clean Water Act Section 404 process and the Endangered Species Act (ESA) Section 7 consultation. He has led cross-functional National/State Environmental Policy Act (NEPA/SEPA) EIS technical discipline reports, authored EIS chapters, and EA discipline submittals. Bill collaborates with clients and project teams to design projects that avoid or minimize environmental impacts and develops mitigation in cases of unavoidable impacts. His work often combines his extensive knowledge as an applied ecologist with his experience using in-situ monitoring technologies, GPS mapping, and GIS to develop numerical and visual representations of shifts in environmental conditions. Bill also has experience with the Resource Conservation and Recovery Act (RCRA), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), and Washington Model Toxics Control Act (MTCA) environmental due diligence, remedial investigations, hazardous waste cleanup actions, and long-term performance monitoring.

Representative Projects

Port of Kalama Gravel Barge Unloading and Sorting Facility, Northwest Aggregates, Kalama, WA. *Project Ecologist III.* Preparing environmental documents to be submitted as a port terminal permit application to complete in-water construction on the Columbia River.

Lacamas Shores Water Quality Sampling, Plauche & Carr, Camas, WA. *Project Ecologist III.* Completed pre- and post-storm event stormwater sampling to assess variations in contaminant loading passing through a bioinfiltration wetland. Recent outflow sampling measured greater than allowable quantities of pollutants exiting the wetland into downstream waters. The current sampling is attempting to determine whether the outflow pollutant loading is originating from upstream stormwater runoff or from pollutant accumulations within the wetland.

HUD Development at 14802 5th Avenue NE, AEI Consultants, Shoreline, WA. *Project Ecologist III.* Bill prepared no-effect letters for the U.S. Fish and Wildlife Service (USFWS) and National Marine Fisheries Service (NMFS) to support regulatory requirements associated with the ESA. The project would demolish 6 single-family residences on 6 tax parcels and then construct a 7-story, 158-unit multi-family housing development. The no-effect letters evaluated potential project impacts on ESA-listed wildlife (USFWS purview) and fish (NMFS purview), as well as their designated critical habitat.

Goodnoe Hills Wind Power Project Avian Mortality Monitoring Studies,



EDUCATION

B.S., Wildlife Ecology, University of Maine, 2004
B.S., Forest Management, University of Maine, 1999
Wetland Science and Management Certificate, University of Washington, 2003

EXPERTISE

Terrestrial and Wetland Ecology
Wetland & Ordinary High Water Mark Delineations
Habitat Restoration/Mitigation Planning, Design, Monitoring
Mapping, Remote Sensing, Photogrammetry, GIS Analysis
Endangered Species Act Compliance
NEPA/SEPA Documentation
Environmental Permitting / Agency Coordination
Ecological Field Studies
Forestry & Wildlife Resources
In-Situ Monitoring Data Collection
Large Field Effort Planning, Deployment
Data Management, Data Mining, SQL Database ETL
Environmental Due Diligence / Phase I, II, III

CERTIFICATIONS

Project Manager Certification, URS Corporation, 2011



PacifiCorp Energy, Goldendale, WA. Project Manager. Managed a 1-year bird and bat mortality survey to determine annual avian mortality rates at PacifiCorp's Goodnoe Hills wind facility. Developed innovative methods for surveying turbine plots that ensured precision and replicability of survey methodology. Conducted Technical Advisory Committee meetings consisting of landowners and agency staff to review survey results. Prepared project reports and agency submittals.

Index-Galena Road Flood Damage Repair Project – Fish Exclusion, Snohomish County Public Works, Index, WA. Project Ecologist III. A half-mile stretch of Index-Galena Road was severely damaged in several places during a 2006 flood event of the North Fork Skykomish River. In this project to repair the last damaged segment, Bill participated in fish exclusion activities using beach seines, block nets, and electrofishing gear to capture and remove fish.

Critical Areas Delineation, Permitting, and Mitigation, Lincoln and Jennifer Boyington, Stanwood, WA. Project Manager. Led a critical areas survey, mitigation design, and environmental permitting to construct a single-family residence and workshop on a 20-acre property in Snohomish County. Work included a due diligence reconnaissance to determine the presence or absence of wetlands, streams, and fish and wildlife habitat conservation areas; a full delineation of the 7 wetlands observed on-site; and preparation of permit package environmental documents to for client to submit for project permitting.

Lonesome Cove Critical Areas Study and No Net Loss Report. Project Ecologist III. Landowner proposed to redevelop a rural resort property within San Juan County Shoreline Master Program jurisdiction. Prepared a No Net Loss Report qualitatively analyzing the proposed project's impacts to the site's ecological functions and value after project completion compared to existing conditions. Conducted wetland delineation of freshwater palustrine wetlands and contributed to the project's wetland delineation report.

220-Acre Wetland and Habitat Restoration, BP Cherry Point Refinery, Blaine, WA. Designed and constructed 2,100+ acre wetland and habitat restoration projects to compensate for wetland impacts incurred by refinery expansion. Directed geologists, biologists, surveyors, and GIS staff on 3-year study investigating soils, hydrologic patterns, and mapping surface and subsurface hydrologic pathways. Prepared specifications for the engineers to design a topographic layout based on the hydrology studies. The design spec would sufficiently distribute upstream channelized stormwater runoff throughout each restoration site with sufficient depth and duration to restore historic, and create new, wetland and seasonal aquatic habitats. Designed a habitat planting spec and layout to minimize disturbance to heron colony site use. Acquired U.S. Army Corps of Engineers Clean Water Act Section 404 Individual Permit. Supported construction actions. Planted 160,000 seedlings. Prepared the 10-year performance monitoring and maintenance program. Both projects successfully completed 10-year performance period.

Mitigation Area Wildlife Habitat Management, BP Cherry Point Refinery, Whatcom County, WA. Implemented landscape-scale mitigation project to accommodate current and future refinery expansion. Surveyed the activities and site use by small mammals, amphibians, and large avifauna at the proposed construction and mitigation areas. Assessed the project's impacts to wildlife and provided guidance on avoiding and minimizing wildlife impacts. Prepared Great Blue Heron Habitat Management Plan. Contributed to the Compensatory Wetland Mitigation Plan and JARPA for Section 404 individual permit.

Sinclair Inlet Human Health Fish and Shellfish Consumption Studies, U.S. Navy NAVFAC NW, Bremerton and Keyport, WA. Project Scientist. Completed nearshore and subtidal marine tissue and contaminated sediments field studies to assess human health hazards and fish and shellfish consumption limits around the U.S. Navy NBK complex. Completed RCRA Phase II investigations to locate and quantify soil and groundwater contaminant loading. Investigations and negotiations continue.

Bradwood Landing Liquid Natural Gas Terminal FERC Application, Bradwood Landing LLC, Astoria, OR. Prepared permit application for FERC licensing of a liquid natural gas marine terminal on the lower Columbia River. Assisted with preparing the terrestrial and aquatic species discussions of the environmental impact statements and biological assessments.