



David Every, PhD

Wetlands Specialist and Terrestrial Ecologist

Overview

Dr. Every has over 31 years of experience as an environmental consultant on wetland and terrestrial ecological issues throughout the United States including Alaska. He has managed several large and complex EISs. He has conducted or supervised baseline studies, habitat and resource inventories including threatened and endangered species studies, ESA consultation, impact assessments, mitigation studies, reclamation planning, and permitting assistance for vegetation, wetlands, fish and wildlife habitat, and wildlife. He has extensive experience developing and negotiating mitigation plans. Projects have included thermal and wind power plants, hydroelectric facilities, irrigation projects, transmission lines, pipelines, highways, port developments, mines, oil production, resource management projects (such as timber lands), and urban developments.

Project Specific Experience

Condit Dam Removal SEPA Review, Washington. Project manager for a review of the FERC EIS to determine adequacy for SEPA for the Washington Department of Ecology. Reviewed and provided comment on the Draft Supplemental EIS. Reviewed the Final Supplemental EIS and provided recommendations to Ecology for a SEPA Supplement.

Condit Dam Removal SEPA Supplemental EIS, Washington.

Project manager for preparation of SEPA Supplemental EIS for the Washington Department of Ecology.

Buckhorn Mine Project SEPA Review, Washington. Participated in a review of an EIS to determine adequacy for SEPA for the Washington Department of Ecology. Reviewed and provided comment on the Draft and Final EISs and provided recommendations to Ecology for a SEPA Supplement.

Muckleshoot Indian Tribe, Washington: Project manager and principal consultant for resolving a wetland fill violation and acquiring Corps of Engineers permits for a 20,000-seat amphitheater. Required wetland delineation, mitigation planning and design of restoration and compensatory mitigation wetlands, agency coordination, and help redesigning the facility. The project evolved to require an EIS and formal consultation under the Endangered Species Act for listed fish species in the White River, also managed by Dr. Every. Major issues included traffic and noise.

WSDOT I-5 Widening Toutle Park Road. Task leader for biological investigations, including wetland delineations, habitat studies, and impact assessments for approximately 40 mile corridor.

Areas of Expertise

Wetlands Evaluations
Project Management
Terrestrial Ecology
Environmental Impact Assessment
Wildlife Habitat Evaluation
Mitigation Planning
Botany
Threatened & Endangered Species

Years of Experience

With URS: 20 Years
With Other Firms: 13 Years

Education

PhD, Botany, University of Washington, 1977
MS, Botany, University of Utah, 1969
BS, Zoology, University of Utah, 1967



David Every, PhD

WSDOT SR 161 Widening. Task leader for biological investigations, including wetland delineations, impact assessments, and wetland mitigation planning.

Sumas Energy 2 Generation Facility, Washington. Review and oversight of biological investigations and permits. Negotiated wetland mitigation issues with the State Department of Ecology.

BP Cherry Point Refinery Cogeneration Project, Washington. Project manager for wetland mitigation for a proposed cogeneration plant and transmission line connection. More than eighty acres of mitigation wetland enhancement has been designed and planned, and 4.5 acres have been implemented to date.

Plymouth Energy Project, Washington. Senior review and oversight of biological investigations and permits for a combustion turbine power plant in the south central part of the state.

Goldendale Energy Project, Washington. Review and oversight of biological investigations and permits for a combustion turbine power plant and associated gas pipeline and electrical transmission line. Participated in a conditional use permit hearing by presenting information on wetlands and biological impacts.

Washington Public Power Supply System, Washington. Task leader for biological investigations and Corps of Engineers permits and mitigation for the Satsop Power Project, a proposed gas-fired combustion turbine electricity generating facility with associated natural gas pipeline. Investigations included wetlands, wildlife, fish, and threatened, endangered, and sensitive species. Ongoing work included finding sites and completing a mitigation plan.

Chehalis Power, Washington. Task leader for biological investigations and Corps of Engineers permits and mitigation for the Chehalis Generation Facility, a proposed gas-fired combustion turbine electricity generating facility with associated natural gas and water pipelines. Investigations included wetlands, wildlife, fish, and threatened, endangered, and sensitive species.

Bureau of Reclamation, Washington. Project manager for developing a Resource Management Plan (RMP) and an environmental assessment for Banks Lake and an RMP and an Environmental Impact Statement for Potholes Reservoir. Primary issues involve conflicts between managing for the natural resources (e.g., fish and wildlife and their habitats) versus managing for the recreational value associated with them. The projects involve coordination between the various agencies managing the resources associated with the reservoirs, including the Washington Department of Parks and Recreation and Washington Department of Fish and Wildlife.



David Every, PhD

Biological Investigations and Permitting, Olympic Pipe Line Company, Washington. Task leader for biological investigations and Corps of Engineers permits and mitigation for the Cross-Cascades Pipeline Project, a proposed 230-mile long refined petroleum product pipeline extending from an existing pipeline system in western Washington to terminals in eastern Washington. In charge of permits associated with wetlands and stream crossings, threatened, endangered, and sensitive species, and the biological assessment for Endangered Species Act consultation.

Permitting Studies, Northwest Natural Gas, Oregon. Project manager for permitting studies for a 40-mile pipeline. Studies included threatened and endangered species, wetlands, protected areas, cultural resources, and habitat studies. Permits included Oregon Energy Facility Siting Council certificate (incorporating all state permits) and Corps of Engineers permit.

Environmental Impact Statements, US Forest Service, Alaska Region. Managed the environmental impact statements (EISs), resource inventories, and initial timber harvest and transportation planning for the Tuxekan and Kosciusko Island timber sale projects. The issues include karst and cave protection, wildlife habitat, and socioeconomics. We used a new LIDAR (laser-based) technology for topography and orthophoto work.

Boeing Company, Western Washington. Conducted wetland delineations, impact assessment, mitigation planning, permitting, and monitoring for large industrial sites. Managed the design and monitoring of two created mitigation wetlands using stormwater as the water source. One project included restoring a stream for trout habitat and creating a segment of new stream to link with the wetland.

Stream and Wetland Studies, Cottrell Hydroelectric Project, Southern Washington. Conducted stream and wetland studies including delineation, functional value and impact assessment, mitigation planning and permitting. Permitting included an alternatives analysis under section 404 (b) (1) of the Clean Water Act and mitigation negotiations relative to the application for an individual permit from the Corps of Engineers.

Natural and Cultural Resource Inventories, Seattle Water Department, Washington. Managed URS' diverse team of professionals in developing natural and cultural resource inventories and a long-term management plan for the City of Seattle's 90,000-acre Cedar River Municipal Watershed. Focus of the inventories included timber, wildlife and fish habitat, hydrology, roads, and cultural resources. The central component of the integrated management system is a geographic information system (GIS) coupled with a computerized timber resource management information system. With the system, the City is able to manage on a landscape basis for various species and resources, including both old-growth dependent species and second-growth timber.



David Every, PhD

Bonneville Power Administration, Northeastern Washington.

Participated in scoping meetings and prepared vegetation, wetlands, agriculture, wildlife, and threatened and endangered species sections of the environmental assessment (EA) for the Boundary-Spokane/Colville Valley transmission project.

Animal and Plant Health Inspection Service, Animal Damage Control, USDA. Served as principal investigator for the Pacific and Northern Plains Regions to collect and analyze data and write sections of a Programmatic Environmental Impact Statement (EIS) of national scope. The EIS evaluated federal program alternatives to control animal damage to crops, livestock, structures, and to human health and safety. It focused on biological, economic, and sociocultural effects of controlling offending animals or populations by lethal and nonlethal methods. It included an ecological risk assessment of potential impacts of pesticides, especially on threatened or endangered species.

Hearings and Litigation Support, Various Locations. Provided expert testimony and written depositions for hearings on land use appeals concerning wetlands and wildlife habitat and on disputed wetland permitting projects.

Senior Terrestrial Ecologist, Envirosphere Company, Bellevue, Washington, 1983-1988. Responsibilities included project management, proposals, and conducting vegetation, wetlands, wildlife, and habitat studies, impact assessments, and mitigation planning.

Seattle City Light Study of Skagit Dam's Original Impacts, Northwestern Washington. Directed the habitat inventory of the 20,000 acre study area, including GIS-produced working maps and acreage calculations for 44 cover types. Used pre-impoundment Forest Service maps, photographs, and pre- and post-impoundment aerial photographs to generate cover type maps. Participated in HEP team meetings and directed an interagency field team in data collection. Contributed to the analysis and authored report sections as part of the FERC relicensing efforts for these hydroelectric facilities.

Seattle City Light Transmission Right-of-Way Inventory, Western Washington. Served as project manager and principal investigator for the initial inventory of vegetation, soils, land use, access, and other features along 250 miles of transmission line right-of-way. Established management units and set up a data base as the basis of an integrated vegetation management system to prevent tree growth from interfering with transmission lines without the use of pesticides.

Tacoma City Light Cowlitz Hydroelectric Project Wildlife Mitigation Studies, Southwestern Washington. Conducted the habitat inventory, based on pre- and post-impoundment aerial photographs, of the 21,000 acre project area including Mayfield and Riffe



David Every, PhD

reservoirs. Used GIS-produced working maps and acreage calculations of 15 cover types to design the field sampling plan for the HEP study. Participated in HEP team meetings, directed field data collection, supervised an interagency field team, participated in data analysis, and wrote report sections.