

Jeff Reams, Project Manager, CEO of Turnstone Environmental Consultants

Summary

Jeff Reams, CEO and Co-founder of Turnstone, has over 20 years experience as an environmental professional in the western United States. His experience includes project management on a wide variety of complex, multi-year projects involving ecosystem and forestry practice management approaches to ensure regulatory compliance and environmental permitting, including state and federal Endangered Species Acts, a wide variety of aquatic and terrestrial ecological survey and inventory projects, habitat delineation, assessment and mitigation projects, wetland delineation and mitigation, biological assessments and evaluations, serving as liaison with regulatory agencies, and compiling and writing final reports.

Jeff currently works with numerous private, public and tribal land resource organizations developing and managing long-term spotted owl programs. Jeff has worked directly with government agencies including United States Forest Service (USFS), Bureau of Land Management (BLM), Department of Natural Resources (DNR) and Oregon Department of Forestry (ODF), helped the Grand Ronde and Siletz tribal leaders with their threatened and endangered species programs and maintains working relationships with many private land managers including Forest Capital Partners, Pacific Forest Trust, Miami Corporation and Weyerhaeuser. Jeff has coordinated as many as 30 wildlife biologists on a single project and has combined efforts managing as many as 60 wildlife biologists on 15 different projects simultaneously. He works with the Pacific Seabird Group as part of the Marbled Murrelet Technical Committee (PSG) and is an active member and past board member of the Oregon Chapter of The Wildlife Society. He is very familiar with numerous threatened, endangered and sensitive (TES) species survey protocols. He works regularly within the framework of the United States Fish and Wildlife Service (USFWS) Threatened and Endangered program with a very good understanding of their regulatory policies. Jeff received his bachelor degree from Oregon State University in 1990.

Relevant Project Experience:

Project Manager, Northern Spotted Owl Surveys, Bureau of Land Management. Turnstone was contracted to perform northern spotted owl surveys for the BLM in the Cascades Resource Area, Salem District. All owl responses were documented, including northern spotted owls, great horned owls, and barred owls. (2010)

Project Manager, Cascade Crossing Northern Spotted Owl and Great Gray Owl Habitat Delineation and Surveys, for Tetra Tech. Turnstone is conducting surveys for northern spotted owls on a specific power line right-of-way in the Oregon Cascade Range for the 2010 season. Turnstone delineated suitable habitat and continues to conduct surveys to complete the season to protocol. Much of the area has not been surveyed in recent years. Surveys are conducted on challenging terrain with the impact on surveys efforts being compounded by late snow in the high elevations. Turnstone worked closely with USFW following all procedural guidelines and regulatory policies. (2010)

Project Manager, Special Status Species Surveys and Habitat Delineation, Whistling Ridge Wind Project, for CH2M Hill, PPM Energy and SDS Lumber Turnstone delineated suitable habitat and surveyed for several special status species: northern spotted owls, northern goshawks and Washington Ground Squirrels for the proposed White Salmon Wind Project. Owl data was collected and recorded using all current up to date survey methodology following strict protocol requirements of the Washington Department of Fish and Wildlife and U.S. Fish and Wildlife Service. Data was summarized into a final report. (2003-2004, 2008-ongoing)

Project Manager, Northern Spotted Owl Survey Management Plan, for Weyerhaeuser Corp. Turnstone worked with Weyerhaeuser to develop and implement a northern spotted owl survey management plan for select tree farms. Owl data was then collected and recorded on owl densities, home ranges and habitat relationships. Data was summarized into a final report, detailing sites surveyed and responses recorded. (2001-ongoing)

Project Manager, Northern Spotted Owl Survey, for Eugene Water and Electric Board. Turnstone worked with EWEB to develop and implement a northern spotted owl survey management plan for two electrical construction projects. Owl data was collected and recorded on owl densities, home ranges and habitat types used. Data was summarized into a final report, detailing sites surveyed and responses recorded. (2009)

Project Manager, Northern Spotted Owl Surveys, for Pacific Forest Trust Turnstone worked with PFT to develop and implement a northern spotted owl survey management plan for property holdings in the coast range. Owl data was collected and recorded on owl densities, home ranges and habitat used. Data was summarized into a final report, detailing sites surveyed and responses recorded. (2008-ongoing)

Project Manager, Northern Spotted Owl Survey Management Plan for Forest Capital Partners Turnstone designed and implemented a northern spotted owl survey management plan. Data is summarized annually into a final report, detailing sites surveyed and responses recorded. Developed and managed GIS layers. (2005-ongoing)

Project Manager, Northern Spotted Owl Survey Management Plan, for Miami Corporation Turnstone continues an ongoing relationship with the Miami Corporation providing natural resource consultation to develop and implement a northern spotted owl survey management plan. Owl data is collected and recorded on owl densities, home ranges and habitat relationships. Data is summarized annually into a final report, detailing sites surveyed and responses recorded. (1999-ongoing)

Project Manager, Northern Spotted Owl and Marbled Murrelet Surveys, for USFS. Turnstone was contracted to perform northern spotted owl and marbled murrelet surveys as part of a recreation area improvement plan. Turnstone located survey areas and established remote survey stations. The surveys were conducted with strict adherence to the forest management protocol endorsed by U.S. Fish and Wildlife Service. (2004)

Project Manager, Northern Spotted Owl Surveys for CH2MHILL. Northern spotted owl protocol and surveys for CH2MHILL. Was responsible for coordinating and scheduling surveys to fit the northern spotted owl protocol, supervising all crews, inspecting data and performing surveys. Used stand data within the area of potential impact to delineate special status species habitats. Established survey parameters and ensured surveys were conducted with strict adherence to the forest management

protocol endorsed by U.S. Fish and Wildlife Service. Data was summarized into a final report, detailing sites surveyed and responses recorded. (2003-2004)

Project Manager, Great Gray Owl Surveys, for David Evans and Associates. Conducted great gray owl surveys at historical nest sites utilizing radio telemetry. Surveys were conducted with strict adherence to the forest management protocol endorsed by U.S. Fish and Wildlife Service. Monitored breeding great gray owl nests. Great gray owls were captured using a variety of methods such as pan traps, bal-chatri traps, noose poles, mist-nets, and other methods. Banded juvenile and adult great gray owls with USGS aluminum leg bands and fitted adult owls with radio telemetry backpack transmitters. Radio telemetry tracking of tagged adults. Analyzed great gray owls nest, forage and roost in response to current forest management activities. Data was summarized into a final report, detailing sites surveyed and responses recorded. Provided comments on site-specific management recommendations after quantifying habitat structure on a landscape level within the great gray owl home range. (2003-2004)

Project Manager, Statewide Northern Spotted Owl Surveys and Research, for ODF. Turnstone conducted the statewide northern spotted owl (*Strix occidentalis caurina*) survey effort in 8 forest districts on, near, or adjacent to lands managed by Oregon Department of Forestry (ODF). The Turnstone crew assessed suitable habitat, established calling stations and determined occupancy and reproductive status of the northern spotted owl. Turnstone cooperated with ODF and Oregon Department of Fish and Wildlife in the determination and establishment of owl activity centers on state lands. Turnstone followed a stringent USFS-endorsed protocol to obtain information on owl responses. The project results were reported in district activity center meetings using ARCVIEW layouts, which allow depiction of current data, historical information and geographically-referenced owl responses. Turnstone also utilized an incidental take permit, allowing Turnstone to band juvenile spotted owls as part of an on-going demographic study. Turnstone used a comprehensive in-house training program emphasizing quality control, safe work environments and defensive driving techniques, company and client expectations, GPS use and contractual compliance. (2000)

Project Manager, Northern Spotted Owl Survey, for Shapiro & Associates, Inc. Turnstone worked with Shapiro and Associates, Inc. to establish northern spotted owl calling stations and survey all historic activity centers, mitigation sites and previously unoccupied habitat within the project area. Site-specific information was gathered on owl responses and the locations of those responses. Turnstone also determined owl site occupancy and reproductive status. Data was then collected and recorded on owl densities, home ranges and habitat relationships. The surveys were conducted with strict adherence to the forest management protocol endorsed by U.S. Fish and Wildlife Service. (2000)

Education:

BS, Oregon State University, 1990.

Professional Memberships:

- Past Board Member (The Wildlife Society, Oregon Chapter)
- The Wildlife Society (Oregon and National Chapter)
- Marbled Murrelet Technical Committee (PSG)
- Pacific Seabird Group
- Society of Wetland Scientists