

Denise C. Stark, Vice President Oxbow Earthworks Inc.

EDUCATION

Associate of Applied Science, Drafting Technology; College of Southern Idaho, Twin Falls, ID

Four years at Whitworth College in Spokane, WA, pursuing B.S. in Biology and B.A. in Literature

SUMMARY OF QUALIFICATIONS

Ms. Stark has managed transportation projects for the past 27 years. Her experience includes National Environmental Policy Act (NEPA) documentation for the Idaho Transportation Department (ITD) and Local Highway Technical Assistance Council (LHTAC). She is a qualified wetland delineator with experience using the USACE 1987 Corps of Engineers Wetlands Delineation Manual which is the current Federal delineation manual used in the Clean Water Act (CWA) Section 404 regulatory program for the identification and delineation of wetlands. Ms. Stark also uses the current regional supplements to the USACE Wetland Delineation Manual for the Arid West Region, the Western Mountains, Valleys, and Coast Region, and the Great Plains Region. Completed projects include delineations in Idaho for ITD Districts 4, 5, and 6; California for the United States Bureau of Reclamation (USBOR) Trinity River Restoration Program (TRRP); North Dakota for the North Dakota Department of Transportation and the Grand Forks Air Force Base; Utah for the United States Bureau of Land Management (BLM); and Wyoming for Grand Teton National Park. Ms. Stark has completed training and field work in Idaho for the USFS Caribou-Targhee National Forest to complete Multiple Indicator Monitoring using BLM protocol for stream channels and streamside vegetation assessments.

Ms. Stark is a versatile environmental planner, skilled in project coordination and administration. She was responsible for coordination and integration of requirements for NEPA analysis between the ITD and cooperating agencies (U.S. Environmental Protection Agency, USACE, U.S. Fish and Wildlife Service, and the USFS).

Ms. Stark also has experience in contract administration with the ITD, where she was responsible for defining scope of work, time frames for job completion, resources, and budget for consultant contracts. She has 15 years of transportation design experience ensuring design and contract packages met Federal Highway Administration (FHWA) and ITD standards and environmental commitments.

Ms. Stark was responsible for construction coordination with ITD inspectors to ensure that work carried out by the contractors was performed in accordance with drawings, specifications, and accepted environmental standards and practices. She monitored construction and reclamation activities approved in the Record of Decision to ensure compliance with environmental plans and stipulations.

RELEVANT EXPERIENCE

Scientist IV, North Wind Resource Consulting, LLC, Idaho Falls, ID

Ms. Stark responded to Hurricanes Katrina, Rita, Gustav, and Ike in Louisiana as part of the U.S. Environmental Protection Agency (EPA) Superfund Technical Assessment and Response Team (START).

Duties included soil and water sampling and documentation for the Louisiana Department of Environmental Quality, documenting and monitoring Household Hazardous Waste collections, bulking, and disposal using Personal Digital Assistant (PDA) and MultiRAE Plus air monitors, and documenting wetland impacts in marshes during commercial hazardous waste retrieval.

Ms. Stark has completed invasive species (weed) surveys and reports for the U.S. Air Force Center for Engineering and the Environment on bases across the United States including California, Colorado, Florida, Montana, and Wyoming.

Ms. Stark performed multiple cultural resource surveys including projects for the BLM Wildland Urban Interface at Wilson Lake near Salmon, Idaho, the BLM Fire Management Unit at Eighteen Mile Creek near Gilmore, Idaho, and the USFWS for the Camas National Wildlife Reserve in Idaho.

Ms. Stark has also performed wetland delineations and Section 404 permitting for State, County, and City projects and private property owners. She has completed emergency permitting processes for hurricane damage repair in Florida coordinating with the USACE and the Florida Department of Environmental Protection. Ms. Stark has also completed “after the fact” delineations in Idaho and Wyoming when wetlands were impacted without a permit.

Ms. Stark performed turbidity monitoring for the ITD Firth Bridge demolition to fulfill the terms of the Biological Opinion (BO) and Incidental Take Statement (ITS) that she started while employed by ITD.

District Environmental Planner, Idaho Transportation Department, Pocatello, ID

Ms. Stark was responsible for conducting environmental resource reconnaissance of existing natural and structural features in a transportation corridor. She coordinated collection and analysis of archaeological, wildlife, recreational, land use, water, noise, hazardous waste, air quality, and socio-economic impact data concerning proposed transportation facilities. She identified environmentally sensitive areas in project development to prevent costly delays, and coordinated with related agencies to identify, categorize, and mitigate environmental concerns. Ms. Stark has completed Section 4(f) evaluation, Determination of Adverse Effect, and Memorandum of Agreement for the Bear River Massacre Site near Preston, Idaho. This included Tribal correspondence with the Shoshone-Bannock Tribe at Fort Hall, Idaho and the Northwest Band of the Shoshone Nation in Brigham City, Utah. While working for ITD, Ms. Stark also completed Endangered Species Act (ESA) Formal Consultation with the USFWS and FHWA for the Utah valvata snail (*Valvata utahensis*) in the Snake River near Firth, Idaho. She worked closely with USFWS to expedite the BO and the ITS for the bridge demolition project that was already underway. Ms. Stark also performed turbidity monitoring for the Firth Bridge demolition to fulfill the terms of the BO and ITS while employed with North Wind. She received Special Recognition from the USFWS for her contribution to formal consultation for *Valvata utahensis*.

Transportation Technician Senior, Idaho Transportation Department, Shoshone, ID

Ms. Stark used highway plans and specifications, maps, and aerial photographs for highway engineering activities. She designed transportation projects, inspected construction activities, and performed location and construction surveys. Ms. Stark coordinated project activities with utility companies, property owners, contractors, consulting engineers, municipalities, law enforcement agencies, and other

regulatory agencies. She computed, checked, and verified quantities, materials, and costs to complete Plans, Specifications, and Estimate packages for bidding purposes on Federal Aid construction projects.

WORK HISTORY

2008 – Current Oxbow Earthworks Inc., Blackfoot, ID, *Vice President and Environmental Planner*

2004 – 2015 North Wind Resource Consulting, LLC, Idaho Falls, ID, *Scientist IV*

1999 – 2004 Idaho Transportation Department, Pocatello, ID, *District Environmental Planner*

1988 – 1999 Idaho Transportation Department, Shoshone, ID, *Transportation Technician, Sr.*

TRAINING

- BLM Multiple Indicator Monitoring (MIM) of Stream Channels and Streamside Vegetation
- Conserving Endangered Species on Non-Federal Lands — USFWS
- River Channels: Form and Process — Luna Leopold, Teton Science School
- USACE Basic Wetland Delineation with Field Practicum — Wetland Training Institute
- Wetland Delineation with Emphasis on Soils and Hydrology — Wetland Training Institute
- Basic Hydric Soils Training — USACE
- Stormwater Design to Protect Watersheds — Idaho Department of Environmental Quality
- Riparian Zone Ecology, Restoration, and Management Workshop — Franklin Soil and Water Conservation District
- Fish Passage Structure Class — Federal Highway Administration National Highway Institute (FHWA NHI)
- Public Involvement in NEPA and Transportation Decision Making — FHWA NHI
- Community Impact Assessment — FHWA NHI
- Section 4(f) Training — FHWA NHI
- Water Pollution Control Manager
- Qualified ITD Inspector in Environmental Inspection
- National Pollutant Discharge Elimination System (NPDES) / Storm Water
- Wetlands/404 Permitting
- Cultural Resources/Archaeological Clearance
- 40 Hour Hazardous Waste Operations and Emergency Response (HAZWOPER) Certification
- HAZWOPER Supervisor Certification
- 8-Hour HAZWOPER Refresher
- Civil, Structural, Architectural, Mechanical Drafting and Computer-Aided Drafting and Design