

APPENDIX 3.2A

Russell Huddleston Resume

Russell T. Huddleston

Wetland Ecologist/Botanist

Education

M.S., Ecology, University of California at Davis

B.S., Biology, Southern Oregon University

Professional Registrations

Certified Professional Wetland Scientist

Endangered Species Act Section 10 Scientific Take Permit for Threatened and Endangered Vernal Pool Crustaceans (Permit TE-054230-0)

California Department of Fish and Game Scientific Collectors Permit for Threatened and Endangered Vernal Pool Crustaceans (Permit 5934)

California Department of Fish and Game Scientific Collectors Permit for Threatened and Endangered Plants (Permit 05073)

Oregon Department of Agriculture Permit to Collect State-Listed Plant Species

Relevant Experience

Fort Ord Operable Unit 01, Monterey, California. Conducted surveys for two federally listed plant species, Monterey Spineflower (*Chorizanthe pungens* var. *pungens*) and sand gilia (*Gilia tenuiflora* ssp. *arenaria*). Project involved identification and mapping of all populations of these species in an approximately 590-acre site. Plant populations were identified and mapped using global positioning system (GPS) technology.

Roseville Energy Center, California. Rare plant surveys and wetland delineation of the approximately 70-acre study area were conducted to determine if special-status plant species occur onsite. These rare plant surveys were floristic in nature and followed California Department of Fish and Game rare plant survey guidelines.

Napa River Flood Protection Project, Napa, California. Vegetation monitoring and habitat mapping for the 835-acre south wetlands opportunity area. Establishment of permanent transects and vegetation monitoring plots, general habitat mapping and data analysis were conducted to assess the conditions of the restored wetland/floodplain area along the Napa River.

California State Route 79, Riverside, California. Protocol level presence/absence surveys were conducted for federally listed vernal pool crustaceans near the townships of Hemet and San Jacinto as part of the State Route 79 realignment project.

Pipeline/Transmission Line Alternatives Study, Calpine Teayawa Energy Center, California. Provided habitat mapping along several proposed pipeline and transmission line alternatives in the Coachella Valley. Habitat types included Sonoran Desert creosote scrub, alkali scrub, desert riparian areas, palm oases, and tamarisk woodlands.

California Oregon Border Power Plant, Bonanza, Oregon. Habitat mapping and evaluation, rare plant surveys and wetland delineations were conducted as part of the Site Certificate Application through the Oregon Office of Energy. Natural habitats included sagebrush steppe, juniper woodland, ponderosa pine forest and seasonal wetlands. Vegetation within each habitat was characterized and the habitat was evaluated based on Oregon Department of Fish and Wildlife's Habitat Classification System.

Sierra Army Depot, U.S. Army Corps of Engineers, Sacramento, California. An assessment of jurisdictional waters of the U.S. (including wetlands) was conducted on approximately 110-acre site of the Sacramento Army Depot in southern Sacramento County, California. This assessment includes lands to be transferred to the City of Sacramento as part of the Base realignment and Closure Act.

State Route 153 Roadway Improvement Project, Federal Highway Administration, Beaver, Utah. An assessment of jurisdictional waters of the U.S. (including wetlands) was conducted for approximately 766 acres along Utah State Highway 153. Wetland delineation was conducted along 11.5 miles of roadway.

In-Delta Storage Project. California Department of Water Resources, Sacramento and Contra Costa Counties. Assisted DWR botanists with rare, threatened and endangered plant surveys in the Sacramento-San-Joaquin Delta. Habitat types included inter-tidal areas, annual grassland, riparian areas and agricultural lands.

Pipeline Transmission Line Alternatives Study, Calpine East Altamont Energy Center, California. Provided habitat mapping and evaluation of suitability for special-status plant and wildlife species along several proposed pipeline alternatives in the San Joaquin Valley. Natural habitat types included annual grassland, alkali meadow, and seasonal wetlands.

Sacramento Municipal Utility District's Cosumnes Power Plant, California. Conducted rare plant surveys for the proposed energy facility site, laydown area and 26-mile natural gas supply pipeline. Habitat types included annual grassland, seasonal wetlands, vernal pools, and riparian areas.

Proposed Sewer Alignment, Vallejo Flood and Sanitation District, California. Conducted preconstruction plant surveys for special status plant species along a proposed sewer pipeline alignment. Habitat types included inter-tidal marsh, annual grasslands, wet meadows, riparian areas, and wetlands.

Pacific Gas and Electric Line 401 Capacity Loops Project. Conducted biological resource surveys including rare, threatened and endangered plant species. Habitat types included mixed conifer forest, sagebrush steppe, seasonal wetlands and riparian areas.

Kesterson Reservoir, California, U.S. Bureau of Reclamation. Vegetation monitoring as part of long-term monitoring program at Kesterson Reservoir. Projected included estimates of vegetative cover at fixed plot locations in the former retention pond areas and data analysis of long term trends in changes of the plant community. Habitat types included annual grassland and alkali scrub.