



Diamondback Ecological Consulting

Environmental & Biological Consulting Services

STATEMENT OF QUALIFICATION

PWCR: 2000024089

DVBE: 2048319

FIRM PROFILE

Diamondback Ecological Consulting (Diamondback) is a certified Disabled Veteran Business Enterprise (DVBE) and Microbusiness headquartered in the San Francisco Bay area, and provides Ecological consulting services to support transportation, infrastructure, water, and energy projects in the San Francisco Bay area Central Valley and throughout California. Diamondback functions as a reliable subconsultant to engineering and environmental firms, providing technical biological expertise, regulatory compliance support, and field permit compliance services.

Led by a Senior Ecologist, Diamondback integrates into project teams, supporting environmental documentation and construction-phase compliance. Environmental documents are developed to meet agency standards and withstand regulatory review.

TEAMING VALUE

- Regulatory-ready deliverables aligned with CEQA/NEPA requirements
- Permitted biologist authorized for federally listed species work
- Construction compliance and monitoring
- Ability to lead and manage biological field crews
- Responsive scheduling and rapid field mobilization
- Direct coordination with senior-level staff

CORE TECHNICAL SERVICES

- Biological Resource Assessments (BRA) and Biological Assessments (BA)
- CEQA and NEPA biological technical sections
- Protocol-level special-status species surveys
- Construction monitoring and compliance reporting
- Jurisdictional delineations (waters and wetlands)
- Nesting bird surveys and avian compliance
- Bat acoustic monitoring and roost assessments
- Mitigation monitoring and reporting
- Agency coordination and permit support

PERMITS & REGULATORY AUTHORIZATIONS

CDFW Scientific Collecting Permit

- MOU California tiger salamander
- Dusky Footed Woodrat
- California spotted owl
- Western pond turtle

Federal 10(a)(1)(A) Recovery Permit

- California tiger salamander
- California red-legged frog

USFWS-approved biological monitors for:

- California red-legged frog
- California tiger salamander
- San Francisco gartersnake
- Foothill yellow-legged frog
- Saltmarsh harvest mouse
- Swainson's hawk
- Giant gartersnake
- Western burrowing owl

KEY PERSONNEL

Christian Knowlton – CEO / Principal

Mr. Knowlton has 15 years of experience supporting complex environmental projects throughout California. He has served as a designated biologist, and Project Manager on major infrastructure projects, including California High-Speed Rail and solar development projects among other. Christian has also been a biologist for restoration projects and mitigation projects throughout California

He is approved by USFWS as a biological monitor for multiple federally listed species and holds both state and federal permits for handling and recovery for both California tiger salamander and California red-legged frog. His expertise includes protocol surveys, environmental compliance monitoring, and preparation of CEQA/NEPA documentation.

SELECT PROJECT EXPERIENCE

California High-Speed Rail (CP1D) – Madera, CA

Supported compliance for California tiger salamander and Swainson's hawk. Coordinated with construction teams and implemented avoidance and minimization measures under active construction conditions. Oversaw reporting and scheduling.

Los Vaqueros Watershed – Contra Costa County, CA

Conducted protocol-level surveys for California red-legged frog and California tiger salamander. Performed habitat assessments, construction monitoring, and species relocation.

Moffett Federal Airfield – Mountain View, CA

Managed long-term burrowing owl monitoring program, including survey coordination, mapping, and reporting. Conducted additional special-status species surveys.

Aramis Solar Project – Alameda County, CA

Managed biological compliance for a utility-scale solar project. Supervised field crews and ensured adherence to permit conditions and mitigation requirements.

Aldercroft Heights Rd Bridge Replacement Biological Assessment – Alameda County, CA

Prepared a biological assessment for a bridge replacement project in Los Gatos CA. Species involved included California red-legged frog, nesting birds and Santa Cruz black salamander.

Interstate 280/Winchester Blvd Interchange Improvement Project – San Jose, CA

Prepared the Wildlife sections for the Caltrans Interstate 280/Winchester Blvd Interchange Improvement Project NESMI. Potential species included San Francisco dusky footed woodrat, roosting bats, and western burrowing owl.

REGULATORY EXPERIENCE

- California Environmental Quality Act (CEQA)
- National Environmental Policy Act (NEPA)
- Federal Endangered Species Act
- California Endangered Species Act (CESA)
- Clean Water Act (Sections 401/404)
- Fish and Game Code (Section 1600 et seq.)

CERTIFICATIONS & CLASSIFICATIONS

- Disabled Veteran Business Enterprise (DVBE)
- Small Business Enterprise (SBE)
- Micro Business Enterprise (MBE)