

DOCKETED

Docket Number:	24-OPT-02
Project Title:	Compass Battery Energy Storage
TN #:	255577-6
Document Title:	Appendix 4-3A_Resumes of Applicant's Archaeologists
Description:	N/A
Filer:	Erin Phillips
Organization:	Dudek
Submitter Role:	Applicant Consultant
Submission Date:	4/8/2024 3:57:30 PM
Docketed Date:	4/8/2024

Appendix 4.3A

Resumes of Applicant's Archeologists

Adam Giacinto

ARCHAEOLOGIST

Adam Giacinto is an archaeologist with more than 19 years' experience preparing cultural resource studies and environmental documents, and managing archaeological survey, evaluation, and data recovery-level investigations. His research interests include prehistoric hunter-gatherer cultures and contemporary conceptions of heritage as represented within the regulations. He has gained practical experience in archaeological and ethnographic field methods while conducting research in the Southwest US, Mexico, and Eastern Europe. He brings experience implementing an managing all scales of projects and is experienced in compliance requirements for local, state, and federal regulatory contexts. He specializes in sensitivity modeling and cultural resources compliance projects, managing monitoring for large-scale transportation and energy projects.

Selected Project Experience

Tribal Cultural Resources (TCR) Studies, City of Los Angeles Planning Area (2015-Present). Mr Giacinto has acted as principal investigator on more than 35 TCR studies throughout the City of Los Angeles planning area. The goal of these investigations is to review the archaeological, historical, academic, and ethnographic record for potential TCR information, then ground contemporary AB 52 consultation information in this context while providing recommendations related to reasonable approaches for management

Archaeological/ Zanja Madre Studies, City of Los Angeles Planning Area (2017-Present). Mr Giacinto has acted as principal investigator on more than 15 archaeological studies within the Los Angeles Down Town area focused on assessing the potential presence of the “Zanja Madre”, a water conveyance system that was developed as a system of ditches in the early 1800s and continued into use through the early 1900s. These projects include reviewing South Central Coastal Information Center (SCCIC) records search information, Native American Heritage Commission (NAHC) Sacred Lands File (SLF) information, a review of in-house Dudek data and references, Sanborn Fire Maps, historical topographic and aerial information and, at times, the application of ground penetrating radar (GPR). GPR has been used on 6 projects to date with the intent of identifying buried portions of the Zanja Madre. The most pertinent of these include the following projects

- 6th and Alameda Project, Private Developer, Downtown Los Angeles, California (2017-2019)
- South Park Towers, Private Developer, Downtown Los Angeles, California (2017-2019)
- Palmetto Project, Private Developer, Downtown Los Angeles, California (2017-2019)
- Buena Vista Project, China Town, Los Angeles, California (2019-ongoing)
- Santa Ana Watershed Project Authority Reach 5 Project, Riverside County, California. As principal investigator, Mr. Giacinto managed provided recommendations to SAWP for a monitoring approach that would satisfy both State Water Board and Pechanga tribe interests. Project included archaeological



Education

San Diego State University
MA, Anthropology, 2011
Santa Rosa Junior College
AA, Anthropology, 2004
Sonoma State University
BA, Anthropology/
Linguistics, 2006

Professional Affiliations

Register of Professional Archaeologists
Society for California Archaeology American Anthropological Association Institute of Archaeomythology
American Anthropological Association

monitoring of areas along Temescal Canyon Road and met compliance under CEQA and Section 106 of the NHPA.

Santa Margarita Hidden Ridge Project, Orange County, California. As principal investigator, Mr. Giacinto managed the survey, SCCIC archival searches, tribal correspondence, and reported management recommendations for a cultural resources inventory. The proposed intersection two NRHP-listed resources and a NRHP-listed archaeological district. Mr. Giacinto developed and managed testing efforts to appropriately define significant deposits and prepared a monitoring plan. Considerations included compliance under CEQA and Section 106 of the NHPA, and project was successfully permitted.

Orange Coast College Initial Study (IS), Coast Community College District, Orange, California. As principal archaeological investigator, Mr. Giacinto coordinated records search, NAHC and Native American consultation, archaeological survey, preparation of a technical report, and provided management and compliance recommendations relating to cultural resources on three Orange County College campuses.

Pure Water Plan Constraints Study and PEIR, City of San Diego, California. As principal investigator and field director, Mr. Giacinto managed preparation of a constraints study for the Pure Water Project. Work involved a records search of over 100 mile linear miles of San Diego. Site record information from more than 1,236 cultural resources was processed, coded, and integrated within a geospatial sensitivity model to identify archaeological and built environment constraints throughout the proposed alignment. Maps were then generated using generalized grid units to provide a visual model of relative archaeological resource sensitivity while maintaining the appropriate level of confidentiality for public dissemination to assist in planning.

California High Speed Rail, Fresno-Bakersfield, California. As principal investigator, oversees, implements, and reports upon cultural inventory, evaluation, data recovery and compliance efforts under Section 106 of the NHPA, Federal Rail Authority, CEQA, and local Guidelines for Fresno to Bakersfield section. Oversight of Native American monitors, built environment specialists and archaeologists, management of cultural monitoring implementation and site treatment, client reporting, meetings and report preparation. Implementation of mitigation included exploratory archaeological investigations at multiple NAHC-eligible resources.

Operations and Maintenance On-Call, Department of Water Resources (2019-ongoing). As primary Dudek archaeological and tribal resources consultant, Mr Giacinto manages cultural resources projects for DWR. These include the Cultural Resources Inventory for the B.F. Sisk Dam Safety of Dams Modification Project, Delta Dams Raise Project (three reservoirs), MP 230 Project, and Upper Feather River Projects (three dam locations) and preparation of a Programmatic Agreement for Cultural resources for DWR. Mr Giacinto is familiar with the DWR Tribal Engagement and AB 52 processes.

McCoy Solar Energy Project and Blythe Solar Power Project, Blythe, California (2014-ongoing). As principal investigator, Mr. Giacinto supervised, implemented, and reported upon compliance efforts for construction of more than 4000 acres of solar work under Section 106 of the NHPA, BLM Guidelines, CEQA, California Energy Commission, and County of Riverside Guidelines. Mr. Giacinto was the lead multiple formal trainings with monitors and council members from the Colorado River Indian Tribes regarding federal and state regulations relating to human remains, County and BLM guiding documents, identification of cultural material, and the multiple understandings of "cultural resources". History (NIAH), Mexicali, Mexico.

Roshanne S. Bakhtiary, M.A.

ARCHAEOLOGIST

Roshanne Bakhtiary (*she/her/hers*) is an Archaeologist with 12 years' professional experience in cultural resources management, archaeological research, and regulatory compliance in California and the Great Basin. She also has extensive knowledge in hunter-gatherer archaeology, Mission Period archaeology, and California prehistory and ethnography. Previously, Roshanne has held positions as an archaeologist, osteologist, cultural training lead, project manager, and PI for various projects throughout California. In these roles, she has co-authored technical reports, led fieldwork operations, produced GIS-based analyses, facilitated Native American coordination and outreach, conducted records searches, participated in NEPA and CEQA compliance projects, and evaluated archaeological resources for the NRHP under NHPA Section 106 (Section 106).

Relevant Previous Experience

Professional

Southern California Edison On-Call Program, Southern California Edison, Los Angeles, CA.

Roshanne served as a cultural lead for SCE's Non-MSUP Public Lands infrastructure replacement projects throughout Southern California including on lands administered by the BLM, CDPR, BIA, BOR, DWR, USACE, CDFW and NPS. She was responsible for completing archaeological desktop reviews, coordinating with public agencies, applying for permits, conducting site surveys, documenting newly recorded cultural materials, and authoring Section 106-compliant technical reports. (2022-2023)

Concepcion Covered Conductor Project, Southern California Edison, Santa Barbara County, CA.

Roshanne served as the cultural lead for the planning phase of a 30+ mile covered conductor project in coastal Santa Barbara County. She led a team of archaeologists and GIS analysts as they prepared archaeological desktop reviews and developed an archaeological sensitivity model to inform planners on best management practices for a proposed multi-year, multi-million-dollar infrastructure improvement project. (2022-2023)

Angeles National Forest P-19-003387 Phases I and II, Southern California Edison, Palmdale, CA.

Roshanne was a PI for a Phase II Section 106 prehistoric site evaluation effort in Angeles National Forest. She worked closely with the client and agency to develop an evaluation effort that was compliant with USDA's Region 5 Programmatic Agreement. She also led a crew on a Phase I site identification effort for this same project. (2023)

Los Padres National Forest P-42-00877 Phases I and II, Southern California Edison, Santa Barbara, CA.

Roshanne was a PI for a Phase II Section 106 prehistoric site evaluation effort in Angeles Los Padres National Forest. She worked closely with the client and agency to develop an evaluation effort that is compliant with USDA's Region 5 Programmatic Agreement. She also led a crew on a Phase I site identification effort for this same project. (2022-2023)

Education

University of California, Davis

- *PhD in Evolutionary Anthropology, In Progress*

- *MA in Evolutionary Anthropology, 2016*

California Polytechnic State University, San Luis Obispo

- *BS in Anthropology and Geography, 2013*

Certifications

First Aid, Adult and Infant CPR, Los Angeles, CA, 2022

Mill Creek Retaining Wall Improvements Project, Southern California Edison, Yucaipa, CA. Roshanne was the Cultural Project Manager responsible for coordinating and co-authoring the final Section 106-compliant cultural report for the Mill Creek Retaining Wall Improvements Project, FERC Project No. 1934. She maintained communication with project managers to confirm that cultural efforts adhered to the project budget and monitored quality and timeliness of project deliverables. She was also responsible for assisting the client in SHPO consultation. (2022)

Bureau of Land Management (BLM) Minister Road Right-of-Way Dedication and Multi-Use Recreational Trail Project, BLM, Lyon County, NV. Roshanne co-authored the final cultural report for a large-scale survey effort on BLM lands in Lyon County, Nevada. She maintained communication with Project Managers to confirm that cultural efforts adhered to the project budget and monitored quality and timeliness of project deliverables. She also assisted in the preparation of a Phase II NEPA Environmental Site Assessment. (2022)

Tahoe City Public Utility District's (TCPUD) West Shore Additional Storage Capacity Project, TCPUD, Tahoe City, CA. Roshanne co-authored the final cultural report for a utilities project near Lake Tahoe, CA. She maintained communication with project managers to confirm that cultural efforts adhered to the project budget and monitored quality and timeliness of project deliverables. (2022)

Campbell Creek Culvert Replacement Project, City of Napa, Napa, CA. Roshanne was responsible for co-authoring the final cultural report for a culvert replacement project in Napa, CA. She maintained communication with project managers to confirm that cultural efforts adhered to the project budget and monitored quality and timeliness of project deliverables. She assisted in the preparation of a CEQA analysis document and assisted the client in Tribal consultation. (2022)

Calaveras County Water District (CCWD) Hunter Reservoir Raw Water Pump Station Relocation Project, CCWD, Calaveras County, CA. Roshanne was responsible for co-authoring the final cultural report for a reservoir improvements project in Calaveras County, CA. She maintained communication with project managers to confirm that cultural efforts adhered to the project budget and monitored quality and timeliness of project deliverables. She supported the preparation of a Phase II NEPA Environmental Site Assessment and assisted the client in SHPO consultation. (2022)

University of California, Davis Archaeological Field School, Calaveras County, CA. Roshanne helped to manage the 2018 U.C. Davis Archaeological Field School that took place in the Western Sierra Foothills of California. She led pedestrian survey, archaeological testing operations, and field laboratory operations, and assisted in the digital recordation of a proto-historic Indian village with Emlid and total station technologies. (2018)

University of California, Davis Archaeological Field School, Santa Clara and Solano Counties, CA. Roshanne was the director and PI for the 2016 U.C. Davis Archaeological Field School that took place in the Diablo Range of San Jose and in Suisun Marsh of the North San Francisco Bay. She developed the research plan and project scope, negotiated budgets, communicated with Native American organizations, and organized fieldwork operations for a six-week university course with over 15 students in attendance. She led pedestrian surveys and archaeological testing operations, managed artifact analysis and curation, gave conference presentations, and authored technical reports for field and lab work operations and findings. (2016)

Tolbor Valley Archaeological Project, Mongolia. Roshanne participated in a large-scale survey and testing program in the Gobi Desert of Mongolia. She led survey and excavations crews and oversaw field laboratory operations for a series of test excavations of Neolithic-era archaeological sites throughout Ikh Nart Nature Reserve. (2015)

William Burns, RPA

ARCHAEOLOGY TASK LEADER

William Burns is an archaeologist with 20 years' experience in cultural resource management. Mr. Burns is highly knowledgeable about the California Environmental Quality Act, the National Environmental Policy Act, the Native American Graves Protection and Repatriation Act, and the National Historic Preservation Act, particularly the Section 106 process. He evaluates buildings and districts for archaeological sensitivity and possible inclusion on the National Register of Historic Places. Mr. Burns assesses project and building plans for archaeological sensitivity and reviews archaeological reports on the state government regulatory end of the process.

Mr. Burns possesses expertise about Pre-contact archaeological sites, paleocoastline reconstruction, and artifact identification and analysis. He applies this expertise to archaeological report writing and editing for Section 106 projects. He also serves on field crews and as a supervisor on archaeological projects, overseeing surveys, site examinations, data recoveries, and artifact database creation and maintenance. For precise site mapping, Mr. Burns uses GPS devices, primarily Trimble GEO XH, ArcGIS, and Maptitude.

Relevant Project Experience

Hunter Subdivision Project, St. Helena, California. Conducted records search, preformed pedestrian survey, extended Phase 1 testing, and prepared cultural resources report for residential subdivision project.

Palm Villas Senior Center, Saratoga, California. Performed cultural and paleontological survey, conducted records search, and prepared cultural resources report for senior care facility.

Press Democrat Project, Rohnert Park, California. Conducted records search for cultural resources report for commercial development.

Bellevue 7 Ranch Project, Ryder Homes of California, Inc., City of Santa Rosa, California. Conducted field survey and prepared cultural resources report for residential development.

Roblar Road Quarry, Sonoma County, California. Performed cultural and paleontological survey, performed extended Phase I testing, and prepared cultural resources report for quarry project.

California State University Maritime Academy Faculty Road Repairs, Vallejo, California. Conducted records search, preformed pedestrian survey, and prepared cultural resources report for university upgrades project.

California State University Maritime Academy Dining Center Patio Project, Vallejo, California. Conducted records search, preformed pedestrian survey, and prepared cultural resources report for university upgrades project.

Education

*University of York
MS, Coastal and Marine
Archaeology*

*University of
Massachusetts at
Amherst
BA, Anthropology
(Mathematics minor)*

Certifications

*Register of Professional
Archaeologists (RPA)*

*Divemaster (National
Association of Underwater
Instructors)*

*OSHA HAZWOPER
(40-hour)*

*Basic First Aid/BBP
(American Heart
Association)*

*Adult CPR/AED (American
Heart Association)*

California State University Maritime Academy Basin Dredging, Vallejo, California. Performed biological survey for basin dredging project.

Lakeville Highway Dock Project, Petaluma, California. Conducted records search and assisted in cultural resources report preparation for dock construction project.

San Mateo County Hazardous Fuel Reduction Program, Fire Safe San Mateo County, San Mateo, California. Performed cultural survey, conducted records search, and prepared cultural resources report for vegetation management project

San Carlos Fuel Management Project, San Carlos, California. Performed cultural survey, conducted records search, and prepared cultural resources report for vegetation management project.

Marin Country Club Stream Restoration Project, Novato, California. Conducted records search and prepared cultural resources report for stream restoration project.

Spectrum Charter, Highways 1 and 68, Monterey, California. Conducted records search and prepared cultural resources report for fiber optic installation project.

California High-Speed Rail Project, Construction Package 2-3, Fresno to Bakersfield, Dragados/Flatiron Joint Venture, Fresno, Kings, Counties of Tulare and Kern, California. Conducted field survey; organized and managed cultural, tribal, and paleontological monitors; and prepared cultural resources survey reports and monthly summaries.

Alameda County Water District Advanced Metering Infrastructure Project, Alameda County, California. Conducted records search and prepared cultural resources report and archaeological sensitivity model for water district infrastructure upgrade.

Advanced Meter Infrastructure Project, Santa Clara County, California. Performed cultural survey, conducted records search, and prepared cultural resources report for water district infrastructure upgrade.

San Geronimo Treatment Plant Emergency Generator Project, Woodacre, California. Performed cultural survey, conducted records search, and prepared cultural resources report for treatment plant improvements project.

Rohnert Park Water Tank Project, City of Rohnert Park, California. Conducted extended phase I field survey, prepared cultural resources report for water tank construction.

Las Gallinas Valley Sanitary District Secondary Treatment Upgrade Project, Las Gallinas Valley Sanitary District, Marin County, California. Conducted field survey and prepared the cultural resources report for water treatment plant improvements.