

## DOCKETED

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Appendix 5.3D  
Cultural Resources Resumes



# Elizabeth D Calvit

## *Senior Architectural Historian*

### Education

M.A., American Studies/Historic Preservation, The George Washington University, September 1994

B.I.D., Interior Design, FIDER accredited, Louisiana State University, 1991

B.S., General Studies (Psychology and Art History), Louisiana State University, 1981

### Distinguishing Qualifications

- For over 22 years, a qualified historian, an architectural historian, and a historic preservationist under the Secretary of the Interior's Historic Preservation Professional Qualification Standards, as defined in 36 Code of Federal Regulations (CFR) 61
- Experienced in cultural resource investigations in compliance with the National Environmental Policy Act (NEPA), the National Historic Preservation Act (NHPA), and a variety of other federal cultural resource regulations
- Specializes in cultural resources of the U.S. Department of Defense (DoD), particularly Cold War-era resources
- Published 12 peer reviewed articles and presentations focused on cultural resources

### Relevant Experience

Ms. Calvit is a cultural resource specialist with more than 22 years of experience. She has participated in the technical aspects of CH2M projects and managed a number of environmental projects, using her expertise in cultural resources. She has been extensively involved in the management of and participation in cultural resource investigations in compliance with the National Environmental Policy Act (NEPA), the National Historic Preservation Act (NHPA), and a variety of other federal cultural resource regulations.

### Representative Project Experience

#### **Architectural Historian. Historic American Landscape Survey (HALS), Ft. Hunter, Liggett, CA, 2012.**

Provided senior technical consulting for preparation of a modified HALS for Mission San Antonia de Padua, located on Fort Hunter Liggett, CA. HALS focused on overall landscape and vistas of the site in relationship to Fort Hunter Liggett. Report included historic context, description of site including landscape elements, and other sections based on typical outline of Historic American Buildings Survey/ Historic American Engineering Record/HALS reports. Unlike other HALS reports, this report focused on viewshed and overall landscape of the site and its surroundings. Information was used to prepare an EA for construction of facilities on post.

#### **Architectural Historian and Project Manager, Site Summit Nike Missile Site Retention Plan, Anchorage, Alaska, 2009 to 2010.**

Project manager for the preparation of a historic buildings preservation and maintenance plan for Site Summit, one of 6 Nike sites built in Alaska, but the only one that retains its historic integrity. Project work included survey of the site, evaluation of existing conditions, and preparation of materials maintenance and preservation guidelines. The plan will be used by on-site maintenance staff. The plan assisted Ft. Wainwright cultural resources staff comply with an existing Programmatic Agreement.

#### **Architectural Historian, Historic Resources Surveys, Fort Wainwright and Fort Richardson, AK.**

Served as architectural historian for the survey of 35 structures at Fort Wainwright and 35 structures at Fort Richardson over 50 years old to determine eligibility to the National Register of Historic Places.

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Deliverable was a revised database with survey results entered for Fort Wainwright and creation of a new database for Fort Richardson.

**Architectural Historian, Teledyne-Ryan Aerospace Facility, San Diego, CA. 2009-2010.** Task lead and senior technical reviewer for the documentation of the historic Ryan Aerospace factory prior to demolition. Project work included survey and recordation of 200 buildings according to HABS guidelines, preparation of a salvage report, and creation of a website and brochures documenting the historic site, its history, buildings, and aircraft constructed at the site.

**Architectural Historian, Buildings and Structures Rehabilitation/Demolition, Travis AFB, CA.** Task Manager and senior reviewer for the preparation of over 20 DPR forms and documentation needed for Travis ABF to fulfill Section 106 compliance for the demolition and/or rehabilitation of buildings and structures on base.

**Cultural Resources Task Lead and Senior Technical Reviewer: Aviation EIS, Fort Wainwright, Alaska; December 2006 to 2009.** Served as cultural resources subject matter expert for the Aviation EIS for Ft. Wainwright. The project included evaluating the current National Historic Landmark District and Cold War resources. The base will be changing and altering its facilities with base realignment. The project evaluated the potential impacts to the NHL with the demolition of two birch wood hangars. Served as the primary author for the cultural resources technical report and the cultural resources sections of the EIS.

**Architectural Historian, Cold War Context Statement, Fort Wainwright Fort Wainwright, Alaska; December 2006 to August 2007.** Project work included site visits and consultation with the Alaska State Historic Preservation Office to prepare a Cold War context statement which would be used to evaluate structures for eligibility to the Cold War historic district. In addition, a survey of over 200 structures was conducted, and the newly developed context statement was used to determine eligibility to the Cold War historic district. Results of the survey were also used to populate a new database for cultural resources at Fort Wainwright.

**Senior Technical Consultant and Historical Resources Task Manager. Mosaic Fertilizer and CF Industries Phosphate Mine 3rd Party Area-wide Environmental Impact Statement, USACE, Jacksonville District, March 2011-Present.** Served as Task Manager for researching background information on phosphate mining and historic resources in central Florida. Previous studies were reviewed to define existing conditions and determine potential impacts of expanding phosphate mining in Florida with the expansion of existing mines and permitting additional mines. Serve as primary author for preparation of Existing Conditions and Impacts Analysis for mining expansion over the next 50 years.

**Senior Technical Consultant, St Elizabeth's Environmental Assessment, District Department of Transportation, Jan. 2011- June 2012.** Served as Senior Technical Consultant and reviewer for the preparation of a NEPA document to analyze the feasibility of various roadways and transportation network in St. Elizabeth's East Campus. The project evaluated existing historic structures to determine if the planned master plan for the reuse of the site would maintain the historic integrity of the hospital site. The impacts of increased traffic and new transportation corridors and how this would affect the historic neighborhoods of Anacostia was also studied.

**Senior Technical Consultant. Ft. Douglas, UT and Ft. Missoula, MT Cemetery Management Plans. US Army Reserve 88th Regional Support. 2010-2011.** Served as Sr. Technical Consultant for the preparation of Cemetery Headstone Conditions Assessment and Maintenance Plan for the Fort Missoula National Historic District Post Cemetery, Missoula, Montana and at Fort Douglas Post Cemetery, Salt Lake City, Utah. The assessments determined existing conditions for over 1000 headstones at Ft. Douglas and over 300 at Ft. Missoula. With the information gathered for the assessments, a management plan was

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prepared to provide post lawn maintenance staff and contractors with appropriate methods to maintain and protect the historic resources of the cemeteries.

**Cultural Resources Task Lead and Senior Technical Reviewer: Fort Wainwright and Fort Richardson Cultural Resources Surveys, Alaska; April 2008 to December 2008.** Served as technical lead for the survey of 35 structures at Fort Wainwright and 35 structures at Fort Richardson over 50 years old to determine eligibility to the National Register of Historic Places. Deliverable was a revised database with survey results entered for Fort Wainwright and creation of a new database for Fort Richardson.

**Historic Resources Technical Consultant and Project Manager. Federal Emergency Management Agency (FEMA) Support, Hurricane Katrina, New Orleans, LA.** Provided project management and cultural resources support to FEMA during Hurricane Katrina and Rita recovery efforts. Negotiated contract and scope of work for onsite staff, prepared reports, and invoices as required, and managed onsite staff. In the first year of the contract, served as Louisiana State Historic Preservation Officer (SHPO) Liaison to FEMA, representing SHPO to FEMA to facilitate and expedite Section 106 process. In second year, position was renamed onsite Special Considerations Liaison for Public Assistance/Historic Preservation FEMA office in New Orleans. Positions were created by FEMA to accommodate enormous scale of FEMA-funded efforts after Hurricanes Katrina and Rita.

**Historic Resources Technical Consultant. Programmatic Environmental Assessments, NASA, Various NASA Facilities, Nationwide.** Responsible for technical review of the draft and final cultural resources section for Programmatic Environmental Assessment of multiple NASA centers across the country. Task work included reviewing draft and final text of the affected environment and the environmental consequences of closing of the Space Shuttle Program.

**Cultural Resources Task Lead and Senior Technical Reviewer: Elmendorf AFB, Alaska; April 2008 to December 2008.** Project included preparation of HABS/HAER documentation for structures planned for demolition; preparation of a Historic Building Preservation Plan. HABS/HAER documentation included researching the history of the structures, compiling historic and current architectural drawings, and photographing the structures. The documentation and Historic Building Preservation Plan were approved by the base and the Alaska State Historic Preservation Office.

**Project Manager and Task Lead, Historic Building Maintenance Plan and Programmatic Agreement, Scott Air Force Base (AFB), Illinois; October 2005 to December 2006.** Project manager and lead for two tasks at Scott AFB. This project will develop a plan to guide base staff on the maintenance of the numerous historic resources on the base. The Programmatic Agreement will help the base coordinate with the State Historic Preservation Office regarding the base's goals to meet its mission and help preserve its historic resources.

**Task Lead, Santa Susana Field Laboratory (SSFL), California; September 2005 to December 2005.** Task lead to review and evaluate the structures at the SSFL to determine the potential historically significant buildings. The laboratory is part of the United States' space program, and as such, there are many structures that could be important to the nation's history. This project will assist the SSFL in its planning process and in determining how it will need to treat its historic resources.

**Task Manager; Historic American Building Survey; Fairchild AFB, Washington; November 2004 to March 2005.** Task lead and principal author and photographer to document a historic hangar at Fairchild AFB. The project, to document the hangar before planned construction for rehabilitation of the roof, was agreed to in a Memorandum of Agreement. The project will follow Washington State Historic Preservation Office requirements for Level II documentation. Also served as the historic preservation specialist during the design and construction of the new roof system, per the Memorandum of Agreement. The documentation of the hangar was required before demolition of the existing roof and

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installation of a new roof. The documentation was approved by the State Historic Preservation Office with little comment, and the project was completed on time and within budget.

**Project Manager and Task Lead; Integrated Cultural Resources Management Plan; Luke AFB, Arizona; November 2003 to March 2004.** Project manager and task lead for updating Luke AFB's current Integrated Cultural Resources Management Plan. Project work entailed researching current issues, identifying resources and determining eligibility for listing on the National Register, updating standard operating procedures (SOPs), and developing new ones if necessary.

**Project Manager; Integrated Cultural Resource Management Plan; U.S. Air Force Academy, Colorado Springs, Colorado; October 2002 to July 2003.** Project manager for the development of an Integrated Cultural Resource Management Plan for the Academy. The Plan, based on the approved U.S. Air Force format, focused on integrating the ongoing management of the facility and its significant cultural resources with the unique mission of the Academy. The project included developing a comprehensive, user-friendly document to be used by Academy personnel. The document was designed so that it could be updated as needed in a hard copy format, and would be posted electronically for users on-base.

**Project Technical Lead; Environmental Studies Manual; Iowa Department of Transportation (DOT); February 2002 to August 2003.** Author for the "Cultural Resources" chapter of the *Environmental Studies Manual* for the Iowa DOT. Project work consisted of meeting with the Iowa DOT cultural resource staff to determine requirements for the chapter and reviewing numerous other manuals to create a new document. The new manual would have multiple audiences, including new employees, existing DOT staff, and DOT consultants.

# Gloriella Cardenas, MA, RPA

## *Cultural Resources Specialist*

### Education

M.A., Anthropology, California State University, Fullerton, 2005

B.A., Anthropology, California State University, Los Angeles, 1999

### Professional Registrations

Register of Professional Archaeologists (2005, No. 15777)

Riverside County Cultural Register (2007, No. 158)

### Distinguishing Qualifications

- 14 years of experience conducting archaeological investigations, with particular expertise in the American Southwest
- Meets Secretary of Interior Professional Qualification Standards (36CFR61)
- California BLM Cultural Use Permit (CA-10-31)
- Approved Cultural Resources Specialist (CRS) with the California Energy Commission

### Relevant Experience

Ms. Cardenas has over 14 years of experience in archaeology and cultural resources management, including investigations in support of compliance with Section 106 of the National Historic Preservation Act, National Environmental Policy Act, and California Environmental Quality Act. Ms. Cardenas' has conducted projects throughout the American Southwest which have involved renewable energies (solar and wind), gas and electric, private developers and military installations in consultation with regulatory agencies such as BLM, California Energy Commission, US Army Corps of Engineers, Native American Tribes, California Office of Historic Preservation, and the US Department of Defence. Ms. Cardenas meets the Secretary of the Interior's Standards for Qualifications for Archaeologists for Principal Investigator.

### Project Experience

**Abengoa Solar Inc., Mojave Solar Project.** Cultural Resources Specialist responsible for implementing and maintaining a dynamic monitoring program during construction, in support of the Cultural Resources Monitoring and Mitigation Plan, the California Energy Commission's Conditions of Certification, CUL-1 through CUL-7, and the State Historic Preservation Office's stipulations regarding a Determination of No Adverse Effects.

**Union Pacific Railroad Bridge Replacements Projects.** Cultural Resources Specialist responsible for literature search, Native American Heritage Commission and tribal consultation for various bridge projects throughout California that have included the following: ME 305.6 Valley Subdivision, Butte Hamlin Slough Bridge, SBAR 291.33 Narlon Bridge, Riverside Industrial Lead Relocation, Bridge 248.93 Valley Subdivision, Bridge 256.10 Valley Subdivision, and Beverly Hills Land Corporation.

**Federal Emergency Management Agency (FEMA) Hazard Mitigation Grant Program for Flood Control Projects in Fortuna in Humboldt County and Woodside in San Diego County.** Cultural Resources Lead responsible for providing technical assistance and support to FEMA for project reviews for



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Environmental and Historic Preservation compliance with federal regulations for two Hazard Mitigation Grant Program projects submitted by the State of California.

**Federal Emergency Management Agency Hazard Mitigation Grant Program East Bay Hills Wildfire Environmental Impact Statement.** Conducted a historic properties assessment of 2,059 acres for the federally financed program projects in the East Bay Hills, Alameda and Contra Costa Counties, California. The investigation was in support of Section 106 of the National Historic Preservation Act and the National Environmental Policy Act. Role was of field director and preparation of report.

**Colorado Army National Guard Craig National Guard Training Site.** Conducted a Class I and III study in compliance with Section 106 of the National Historic Preservation Act for the Remedial Investigation work. Investigations were conducted under the Colorado State BLM Cultural Resource Use Permit No. C-75484 from the BLM Little Snake Field Office. Preparation of technical report.

**Fort Irwin Directorate of Public Works – Fort Irwin Wastewater Treatment Plant Percolation Pond Project.** Conducted a cultural resources assessment to address potential impacts to historic properties for the Fort Irwin Percolation Pond No. 4 Environmental Assessment, in support of Section 106 of the National Historic Preservation Act.

**AES-Southland System Repowering Applications for Certification.** Cultural Lead for three projects, Huntington Beach Generating Station, Redondo Beach Generating Station and Alamitos Generating Station. Lead was responsible for archaeological assessment, pedestrian survey, and report of findings in support of CEQA, PRC Chapter 2.6, Section 21083.2 and 21084.1, and the California Code of Regulations (CCR) Title 14, Chapter 3, Article 5, Section 15064.5, and author for cultural reports for the Application for Certification with the California Energy Commission.

**National Aeronautics and Space Administration (NASA), Santa Susana Field Laboratory, Areas I and II, Ventura County, California.** Cultural Lead responsible for survey, evaluations, the cultural section of the Environmental Impact Statement in support of NEPA, and the technical report.

**Federal Emergency Management Agency for the City of Moreno Valley, San Timoteo Foothill Neighborhood Flood Protection Project.** Cultural Lead of an archaeological investigation and consultation in support of Section 106.

**Cal Energy Black Rock 5 and 6 Geothermal Project, Imperial County, California.** Cultural Resources Lead responsible for archaeological assessment, pedestrian survey, cultural documents and report of findings in support of CEQA, PRC Chapter 2.6, Section 21083.2 and 21084.1, and the California Code of Regulations (CCR) Title 14, Chapter 3, Article 5, Section 15064.5, and the Application for Certification with the California Energy Commission.

**Los Angeles World Airports, Los Angeles International Airport, California.** Cultural Resources Lead responsible for the monitoring activities and personnel for the modernization activities of Taxilane S and Bradley West projects. Author of technical report.

**First Wind, LLC, Painted Hills IV Project, Riverside County, California.** Field Director responsible for a cultural resources survey of 400 acres in support of CEQA and the County of Riverside's General Plan, for a proposed wind turbine facility on private land. Responsibilities included being permitted with the County of Riverside, leading the intense pedestrian survey, data management and authoring the technical report.

**Solar Reserve, LLC, Rice Solar Energy Project, Riverside County, California.** Cultural Resources Specialist and primary author for the Cultural Resources Monitoring and Mitigation Plan.

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**TerraGen Power, LLC, Alta Infill II Wind Energy Project, Kern County, California.** Field Director responsible for a Class III cultural resources survey of 810 acres for a proposed wind turbine facility and testing and evaluation of a prehistoric lithic site. Responsibilities included producing a cultural survey report and testing report.

**TerraGen Power, LLC, Morgan Hills Wind Energy Project, Kern County, California.** Field Director responsible for a Class III cultural resources survey of 1,200 acres. This cultural resources inventory was conducted in compliance with the California Environmental Quality Act (CEQA) as part of an application to Kern County for a Conditional Use permit to construct and operate the Morgan Hills project.

**Contra Costa County Generating Station, LLC, Oakley Generating Station Project, Contra Costa County, California.** Cultural Resources Specialist, Alternate and co-authored the Cultural Resources Monitoring and Mitigation Plan submitted to the California Energy Commission.

**TerraGen Power, LLC, Loma Verde Solar Energy Park, Riverside County, California.** Field Director responsible for a Class III cultural resources survey of 1,000 acres for a proposed PV solar energy generation field. Property was comprised of both private and public lands, the latter is administered by the BLM.

**NextEra Energy Resources, LLC, North Sky River Wind Project, Kern County, California.** Cultural Resources Specialist involved in a Class III cultural resources survey on public lands administered by the BLM under Use Permit No. CA-10-31. Responsibilities for this project included, analysis of previous studies, systematic pedestrian survey, documentation of new discoveries, data management, and contributions to the technical report.

**Mariposa Energy Project, Alameda County, California.** Ms. Cardenas was the Cultural Resources Specialist, Alternate and co-authored the Cultural Resources Monitoring and Mitigation Plan submitted to the California Energy Commission.

**New River Siphon Project for the All American Canal, Calexico, California.** Conducted a cultural resources archival literature search for historic and archaeological resources with the CHRIS center. Work entailed an analysis of findings, evaluation of a bridge for the NRHP listing and a “critical issues” report.

**Turlock Irrigation District, Almond 2 Power Plant, Stanislaus County, California.** Cultural Resources Specialist, Alternate and co-authored the Cultural Resources Monitoring and Mitigation Plan submitted to the California Energy Commission.

**Ivanpah Solar Generating Station, San Bernardino County, CA.** Ms. Cardenas participated in additional field studies of several locations around the Ivanpah SEGS project area, including pedestrian survey and site recordation in September 2008 and was the Alternate Cultural Resources Specialist and co-author for the Cultural Resources Monitoring and Mitigation Plan submitted to the California Energy Commission and BLM in November 2010.

**Southern California Edison (SCE), Tehachapi Renewable Transmission Project (TRTP) – Segments 4-11.** Compliance Monitoring. Environmental Scientist involved in photo documentation of transmission line to support post construction restoration. The TRTP includes construction of new and upgrade of 173 miles of transmission lines, construction of one new substation, major upgrade of one existing substation and upgrade of other ancillary facilities.

**Southern California Edison (SCE), Devers Palo Verde No. 2 Transmission Line Project.** Environmental Scientist involved in environmental compliance support and development in mitigation plans in support of CPUC requirement. Ms. Cardenas’s role on this project involved authoring plans to address CPUC

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traffic, construction specifications, and cultural resources in response to regulatory requirements, as well as contributions in research for biological restoration, Storm Water Pollution Prevention Plans, construction scheduling and agencies' responsibilities.

**Phase II Cultural Resources Evaluation of 30 Sites at Edwards, Air Force Base, California.** FY09 and FY10 2009-L. Ms Cardenas was Principal Archaeologist and Director of Field and Laboratory, responsible for research design and evaluation of 30 sites consisting of historic refuse deposits, homesteads, and prehistoric camp and lithic deposits, in the Western Mojave Desert. Other project duties included setting up the laboratory facilities, creating project specific documentation forms, the implementation of procedures and training of 6 technicians in lab as well as field methods, site updates (DPR forms) for 30 sites, and report writing. The project was conducted in support of Section 106 and 110 of the National Historic Preservation Act of 1966, as amended, and Air Force Instruction 32-7065, Cultural Resource Management. JT3/CH2M HILL conducted the evaluation under Letter of Technical Direction 1B0220000-0001, Environmental Management Support, as part of contract F042650-01-C-7218, under the command of the Base Historic Preservation Office.

**2009-K-PLT42 Phase II Cultural Resources Evaluation of Site EAFB-3897, Air Force Plant 42, Los Angeles County, California.** FY09. Project and Field Director for the test excavation and evaluation of a Gypsum Period temporary camp site. Responsibilities included, but were not limited to, coordination with Air Force Plant 42 security personnel, training of field technicians, creation and implementation of procedures for project design and methods, and writing the final report of findings. The project was conducted in support of Section 106 and 110 of the National Historic Preservation Act of 1966, as amended, and Air Force Instruction 32-7065, Cultural Resource Management. JT3/CH2M HILL conducted the evaluation under Letter of Technical Direction 1B0220000-0001, Environmental Management Support, as part of contract F042650-01-C-7218.

**Archaeological Inventory FY09 2009-D, Edwards AFB, California.** Archaeologist involved in Phase I investigation of 2500 Acres on EAFB, in support of the continued base-wide inventory. Work was conducted in accordance with the Integrated Cultural Resources Management Plan, under the command of the Base Historic Preservation Office.

**2009-C Protection of Historic Properties, Edwards AFB, California.** Archaeologist involved in support of site preservation to assist the Air Force in complying with the provisions of the National Historic Preservation Act, as amended; the Archaeological Resource Protection Act; Native American Graves Protection and Repatriation Act; American Indian Religious Freedom Act; and Air Force Instruction 32-7065, Cultural Resource Management. Work was conducted for the Site Preservation Program for Fiscal Year 2009, as specified in Letter of Technical Direction 1B022000-0001-R2, Environmental Management Support, as part of Contract F42650-01-C-7218.

**Iberdrola Renewables Biological and Cultural Assessment Support Project.** Ms. Cardenas was responsible for conducting cultural inventories, fatal flaw reports, and field reconnaissance studies. Ten sites were evaluated for solar power plants for possible acquisitions in California, Nevada, Arizona and New Mexico. Five study areas of this overall project are located in Arizona; two are in Maricopa County, two are in La Paz County, and one project is located partially in La Paz and Yuma Counties. Project acreages range from 5,800 acres to 35,000 acres. Three of these study areas are located in California; two areas are in San Bernardino County and one is located in Imperial County. Project acreages range from 13,000 to 29,000. Three of these study areas are located in Nevada; two are in Nye County and one is located in Clark County. Project acreages range from 7,500 to 12,000. The remaining study area is located in Hidalgo County, New Mexico. Total acreage of this project is 25,000.

# Natalie Lawson, MA, RPA

## Cultural Resources Specialist

### Education

California State University, Fullerton, California, M.A., Anthropology

Arizona State University, Tempe, Arizona, B.S., Chemistry, minor in Anthropology

### Professional Registrations

Registered Professional Archaeologist (RPA)

### Distinguishing Qualifications

- Meets Secretary of Interior Professional Qualification Standards (36CFR61)
- Experienced in cultural resource management and Section 106 of the National Historic Preservation Act consultation
- Experienced in the National Environmental Policy Act (NEPA) and California Environmental Quality ACT analyses (CEQA)

### Representative Project Experience

**Pipeline Safety Enhancement Plan, Southern California Gas, Orange, Los Angeles, San Diego, Kern, Ventura, Santa Barbara, San Luis Obispo, Kings, San Bernardino, Riverside, and Fresno Counties - 2013 to Present.** Principal Investigator. Ms. Lawson is the principal investigator for cultural resources support for this project and has completed literature reviews, archaeological surveys, Native American consultation, and test excavations at different locations throughout California. Ms. Lawson has also conducted Native American consultation on behalf of SoCalGas, and prepared testing plans, monitoring plans, Native American consultation plans, survey reports, testing reports, and monitoring reports in support of this work.

**East Bay Hills, Alameda and Contra Costa Counties, California. Field crew, October thru November 2012.** Ms. Lawson assisted with the archaeological survey for FEMA work within the East Bay Hills.

**Walnut Creek Energy Project. Los Angeles County, CA. Cultural Resources Specialist, June 2011 thru January 2013.** Ms. Lawson was the designated Cultural Resources Specialist for the WCEP project. Ms. Lawson was the primary author on the WCEP CRMMP. Ms. Lawson oversaw monitoring activities at the construction site and prepared monthly reports for all monitoring activities and completed the final Cultural Resources Report.

**Francisco Boulevard, Marin County, California. Principal Investigator. November thru December 2013.** Ms. Lawson was the principal investigator for the Francisco Boulevard project in Caltrans ROW in Marin County. Ms. Lawson assisted in the preparation and final review of the technical reports for this project.

**I-680 Improvements, Contra Costa County, California. Principal Investigator, November and December in 2013.** Ms. Lawson was the principal investigator for the I-680 Improvement project in Caltrans ROW in Contra Costa County. Ms. Lawson prepared the technical reports for this project.

**Santa Susana Field Laboratory, Los Angeles and Ventura Counties, California. Researcher, Ethnographer. May to December in 2013, starting again in September 2015 (ongoing).** Ms. Lawson conducted archival research and telephone interviews to start the identification process for a potential Traditional Cultural Property within the NASA owned portion of the field laboratory. Ms. Lawson also

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wrote the initial report identifying a potential TCP. In the next phase of work, Ms. Lawson is part of the team preparing an ethnography for the SSFL.

**Proposition 50. Principal Investigator, March, April, May, June, and September 2015.** Ms. Lawson was the Principal Investigator for cultural studies conducted related to the drilling of several new wells within the ACID, FWD, RD108, Sutter Mutual Water Company, Pelger Mutual Water District, and Meridian Farms Water Company in Northern California. Studies were completed in Colusa, Sutter, Shasta, and Yolo Counties. Ms. Lawson conducted pedestrian surveys and prepared a total of five technical reports. Ms. Lawson also recorded several resources and evaluated impacts for each resource related to these projects.

**Southern California Edison Canyon Power Plant, Cultural Resources Monitor, 1 month.** Ms. Lawson was the Primary Monitor of construction activities for the construction of the Southern California Edison Canyon Power Plant in Orange County, California.

**Hidden Hills Ranch Solar Generation Station, Inyo County, California and Clark and Nye Counties, Nevada, June to October 2011.** Field Director. Ms. Lawson assisted with the archaeological evaluation of a solar farm project in Inyo County and the associated 100 mile long transmission line corridor within Clark and Nye Counties, Nevada. Ms. Lawson conducted the literature search for the transmission line corridor and assisted with the preparation of the research design for the pedestrian survey. Ms. Lawson also participated in the pedestrian survey for both the solar project and the transmission line corridor. She assisted with site recordation in both California and Nevada on CA Department of Parks and Recreation and IMACS forms. Ms. Lawson was an author on the final reports and conducted additional archival research for the CEC Data Adequacy Phase.

**ISEGS-Roads Mitigation, San Bernardino County, California: Field Director. Work was done in December 2012 and January 2013.** Ms. Lawson conducted the archaeological evaluation of several roads on BLM land in San Bernardino County. Ms. Lawson conducted the pedestrian survey, directed site recordation, and led in the preparation of the technical report and site evaluation. Ms. Lawson was the primary author on the final reports. .

**Darrah Road Bridge Widening, Mariposa County, CA. Principal Investigator, October 2008 and February 2009.** Ms. Lawson prepared the final Historical Property Survey Report (HPSR, Caltrans) for the widening of the Darrah Road Bridge as well as updating appropriate site records, conducting the Native American consultation, and updating the literature search.

**Chiquita Canyon Landfill, Bowers Cave, Los Angeles County, California. Field Director, November and December of 2012, and January 2013.** Ms. Lawson conducted the literature search and prepared the testing plan for the evaluation phase of the well-known archaeological site, Bower's Cave. Ms. Lawson also directed the evaluation phase field studies. Additional research, Native American consultation, artifact analysis, and preparation of the final technical report are ongoing.

**Alamitos Energy Center, Los Angeles County, CA.** Ms. Lawson assisted in the completion of the literature search and the archaeological survey for the AEC. She also prepared the cultural resources section of the AFC for the AEC and the responses for the Data Adequacy phase.

**Redondo Beach Energy Project, Los Angeles County, CA.** Ms. Lawson prepared the cultural resources section of the AFC for the RBEP. She was also the primary author on all Data Requests for cultural resources.

**Huntington Beach Energy Project, Orange County, CA.** Ms. Lawson prepared the cultural resources section of the AFC for the HBEP. She was also the primary author on all Data Requests for cultural resources.

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**Williams Expansion Pipeline, Washington State.** Crew chief. Ms. Lawson participated in the pedestrian survey of nearly 200 miles of pipeline survey in western Washington. Ms. Lawson acted as crew chief for this project.

**Contra Costa Generating Station.** Ms. Lawson conducted cultural studies for the preparation of the AFC license for the new construction of the Contra Costa Generation Station in Contra Costa County. Ms. Lawson conducted the literature search, Native American consultation, cultural pedestrian survey, and prepared the final technical memo and wrote the cultural section of the AFC application.

**National Ecological Observation Network (NEON), U.S., including AK and HI, Puerto Rico.** Researcher, report author. The NSF is building several observation towers throughout the greater U.S. and Puerto Rico to study climate change and threatened species. Ms. Lawson conducted literature searches and archival research for the following states: Alaska, Washington, Wyoming, California, Massachusetts, and Florida. Ms. Lawson also is an author for the cultural sections of the following states: VA, FL, GA, TN, AL, WI, MI, WA, CA, AK, KS, MA, NH.

**Lodi Energy Center Project, Lodi, CA. Field Director.** Ms. Lawson conducted cultural studies for the preparation of the AFC license for the expansion of the Lodi Energy Plant in Lodi, CA. Ms. Lawson conducted the literature search, Native American consultation, cultural pedestrian survey, and prepared the final technical memo and wrote the cultural section of the AFC application.

**Monte Vista Solar Project, PV 12, Edison Mission Energy. Field Director.** Ms. Lawson conducted cultural studies for the construction of a solar farm near Mojave, California. Ms. Lawson conducted the Native American consultation, directed the cultural pedestrian survey, and prepared the final technical memo and prepared site records.

**California Border Patrol-Indio Station, Indio, CA. Report Author.** Ms. Lawson conducted cultural studies for the expansion of the CA Border Patrol station in Indio, CA including the initial literature search, Native American consultation, Phase I pedestrian survey, and preparation of the final report.

**Fort Irwin Solar Project, CA.** Field director. Ms. Lawson conducted cultural studies for a proposed solar farm at Fort Irwin, CA including the Phase I pedestrian survey and preparation of the final report.

**Port Hueneme, California. Principal Investigator.** Ms. Lawson conducted cultural studies for at the Naval Construction Battalion Center at Port Hueneme in Ventura County, California. Ms. Lawson conducted the pedestrian survey and evaluation of several historic rail lines.

**Fort Irwin Expansion, Baker and Barstow, CA.** Ms. Lawson participated in fieldwork for this project for approximately 4 months. She served as an Archaeology Technician and performed Section 106 Phase I surveys of BLM land at Avawatz near Fort Irwin, CA. She also assisted in site recordation of several prehistoric and historical sites as well as limited Extended Phase I surveys, including surface collection. This survey of approximately 24, 000 acres was conducted to supplement previous surveys related to the expansion of the National Training Center at Fort Irwin.

**PG&E Humboldt WaveConnect Hydrokinetic Pilot Project FERC License Application. Principal investigator.** Ms. Lawson conducted cultural studies for the construction of a pilot wave farm near Eureka, California. Ms. Lawson conducted a search of the State Land Commission Shipwreck Database, completed the Native American consultation and the cultural pedestrian survey for the terrestrial facilities, and prepared the final cultural section for the FERC License Application. Additionally, Ms. Lawson prepared site records for the cultural section.



# Amy McCarthy Reid MA, RPA

## *Architectural Historian*

### Education

- M.A., Anthropology and Archaeology, San Francisco State University, 2010
- B.A., Art History, Anthropology and Archaeology minor, California State University, Hayward, 1999

### Certifications

- U.S. Secretary of the Interior's Historic Preservation Professional Qualification Standards for Architectural History and Archaeology
- Register of Professional Archaeologists

### Distinguishing Qualifications

- Over ten years experience conducting technical studies and impact assessments for compliance with federal laws including Sections 106 and 110 of the National Historic Preservation Act (NHPA), National Environmental Policy Act (NEPA) and state laws, such as the California Environmental Quality Act (CEQA), for clients in the public and private sectors.
- Historical buildings and structures survey and evaluation ranging from the residential to industrial, including lumber mills and hydroelectric facilities, as well as buildings and structures from the Cold War era.

### Representative Project Experience

- Survey and research of historic resources for the East Bay Hills EIS under NEPA for FEMA Region IX in Oakland CA
- Review of Historic Property Survey Reports including I-680 HOV Direct Access Ramp Project in Contra Costa County CA for Caltrans
- Monitoring in Fort Irwin National Training Center near Barstow, CA
- Evaluation of historic buildings at Los Angeles Asphalt Plant
- Evaluation of historic buildings at San Mateo Wastewater Treatment Plant
- Survey and evaluation for Huntington Beach Energy Project License Amendment
- Survey and evaluation for Mission Rock Energy Center of Santa Paula, CA Application for Certification

### Previous Experience to CH2M

**Garcia and Associates (GANDA)** - Completed surveys and excavations for Phase I and II, historic archival research and site evaluations, construction monitoring, and food remains analysis for various projects in California.

**San Francisco State University** - Catalogs of materials, collection management, and student instruction for a variety of California projects, including the catalog of the Buchanan Reservoir for the Army Corps of Engineers and the NAGPRA inventory for Filoli Estates in San Mateo (CA-SMA-125).

Completed surveys and excavations for Phase I through III for various projects in California, including CA-ALA-343 in Fremont and monitoring construction of the renovations to an early 20th century cannery and late 18th century winery at Plant 51 in San Jose.

**URS Corporation** - UIFR Survey in Ely, Nevada for the Bureau of Land Management. Recorded several late 19th and early 20th century mining camps and homesteads in addition to prehistoric sites.



## Amy McCarthy Reid, MA, RPA

**Archaeological Resource Service** - Completed surveys and excavations for Phase I through III, monitored construction, and catalogued artifacts for various projects in California, including CA-MRN-17 and the COPIA Center for Wine and the Arts in Napa.

### Consulting Reports

Historic Property Evaluation on for 43393 Bryant Street in Fremont, CA. Prepared for: Mrs. Leslie Lewis. October 2012.

Letter Report Alder Avenue of Rosa Adobes Historic Buildings Evaluation. Prepared for: John J. Dutra of Terreno Ventures Group, LLC, Fremont, CA. July 2011

Preliminary Cultural Resources Investigation for the South Haiwee Reservoir Penstock Replacement Project, Inyo County, CA. Prepared for: MWH, Los Angeles. November 2009

Port Petrol Marine Terminal Facility site relocation, documentation, and condition assessment of an early 20th century oil shipping terminal in Santa Barbara County, CA. Prepared for: Vandenberg Air Force Base, Lompoc. May 2009

Ft. Bragg IARAP Archaeological Monitoring Report- Field Year 2008 for the Georgia-Pacific Corporation Wood Products Manufacturing Facility Closure Project Fort Bragg, Mendocino County, California. Prepared for: Arcadis, Petaluma. February 2009

Cultural Resources Inventory and Evaluation for the Kilarc-Cow Creek Hydroelectric Decommissioning Project, FERC No. 606, Shasta County, CA. Prepared for: CH2MHill and PG&E. May 2008

Extended Phase I Archaeological and Geoarchaeological Investigation for the Santa Clara Caltrain Station Platform Improvement and Pedestrian Grade Separation Project, Santa Clara, CA. Prepared for: Parsons Brinckerhoff, San Francisco. February 2008

Transitions Over Time: A Chronological Perspective of the Union Lumber Company Lumber Mill, Fort Bragg, Mendocino County, CA. Prepared for: Georgia-Pacific Corporation, Atlanta, Georgia. (An overview of mill building layout that correlates changes in structure within a larger economic, technological industrial context in booklet format for the general public.) July 2008

Site Condition Assessment Summaries for Cold War Facilities, including Space Launch Complex 5, Space Launch Complex 10, and 395 - "Charlie", an underground Titan II missile silo. Prepared for: Vandenberg Air Force Base, Santa Barbara County, CA. February 2008

Historical Resources Evaluation Report For The Pacific Gas And Electric Martin Substation H, Transformer Handling House/Shop And Store Room Building, Brisbane, San Mateo County, CA. Prepared for: PG&E. September 2007.

Historical Resources Evaluation Report for the Pacific Gas And Electric Lodi Former Manufactured Gas Plant General Shop And Store Room/Meter House Building Lodi, San Joaquin County, CA. Prepared for: PG&E. September 2007.

Heritage Reconnaissance Report, Los Padres National Forest, Big Sur Utility Pole Replacement Project, HRR NO. 0507-51:1029000R2007050700047. Prepared for: PG&E. August 2007

Site Condition Assessment Summaries for 16 Historic Buildings and Structures on VAFB in Santa Barbara County including Sudden Ranch Complex, USCG Lifeboat Station Facility, Marshallia Adobe, and Four Adobe Ruins. Prepared for: Vandenberg Air Force Base, Lompoc. June 2007.