

APPENDIX 5.3D

## Resume of Cultural Resources Staff

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## Clint Helton, M.A., RPA

## Cultural Resources Specialist

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### CH2M HILL

**Location:** Southern California Office

**Years Experience:** 10+

### Registrations/Certifications:

Registered Professional Archaeologist (No. 11280)

### Education:

MA, Anthropology, Brigham Young University, UT

BA, Language and Literature, University of Utah, UT

### DISTINGUISHING QUALIFICATIONS

- *Strong background in environmental impact evaluations, with particular expertise in conducting cultural resources studies in CA, CO, ID, NV, UT, WY*
- *Over 10 years of environmental management experience in the western U.S.*
- *Meets Secretary of Interior Professional Qualification Standards (36CFR61)*
- *Highly experienced managing cultural resources studies for large linear utility projects to meet federal requirements of National Environmental Policy Act (NEPA), National Historic Preservation Act (NHPA), Federal Energy Regulatory Commission (FERC), and state requirements of California Environmental Quality Act (CEQA)*

### Summary of Relevant Work Experience:

Mr. Helton has more than ten years of environmental management experience in the western United States. He has a strong background in environmental impact evaluations, having directed technical studies; negotiated with lead agencies, responsible agencies and clients; and has written, edited, and produced a substantial number of environmental review and technical documents. His knowledge of regulatory compliance and cultural and paleontological resources enables him to manage National Environmental Policy Act (NEPA) and National Historic Preservation Act (NHPA) compliance activities and document preparation. Mr. Helton is a particularly skilled practitioner of federal regulations governing treatment of cultural resources, especially Section 106 of NHPA (36CFR800) and the Native American Graves Protection and Repatriation Act (NAGPRA) (43CFR10). Mr. Helton has Significant expertise conducting consultation with State and Federal agencies, as well as facilitating formal government-to-government consultation with Native American groups and tribes throughout the western U.S. Additionally, Mr. Helton is experienced with the challenges of preparing environmental documentation for large linear utility projects, including large interstate pipelines, and is familiar with the process and guidelines of the Federal Energy Regulatory Commission (FERC) among others. Mr. Helton has authored numerous environmental technical reports, cultural resources management plans, cultural resources studies, Programmatic Agreements, Memorandums of Understanding (MOU), and contributed to many CEQA and NEPA documents for a variety of private and public sector clients.

### Select Project Experience:

**Task Manager, Lompoc Wind Energy Project, Santa Barbara County, CA (2006-Present).** Task Lead, quality control manager, and overall management of cultural resources studies for this 1,000 acre plus alternative energy development project near the City of Lompoc, California. Provide regulatory guidance, regional technical expertise in cultural resources and coordination with Santa Barbara County. Performed inventory for cultural resources and conducted Native American Consultation.

**Task Manager, State Route 79 Realignment Project, Riverside County, CA (2005-Present).** Task Lead, quality control manager, and overall management of cultural and paleontological resources studies for this 19-mile highway realignment project in Riverside County, California. Provide regulatory guidance, regional technical expertise in cultural resources and coordination of subconsultants. The inventory comprises over 7,100 acres in the vicinity of the cities of Hemet and San Jacinto. Frequent consultation and coordination with Riverside County Transportation Commission (RCTC) and Caltrans.

**Task Manager, State Route 79 Widening Project, Riverside County, CA (2005-Present).** Task Lead, quality control manager, and overall management of cultural resources studies for this highway widening project in Riverside County, California. Provide regulatory guidance, regional technical expertise in cultural resources and coordination of subconsultants. Frequent consultation and coordination with Riverside County Transportation Department (RCTD) and Caltrans.

**Technical Specialist, Clinton Keith Road Extension Project, Riverside County, CA (2006).** Performed cultural resources survey and report preparation for this road widening and realignment project. Project was generally located between I-215 and SR 79 in the City of Murrieta and in Riverside County.

**Deputy Project Manager, Port of Long Beach, Cultural Resources Management Plan and Architectural Survey and Evaluation, Long Beach, Los Angeles County, CA. (2005-2007).** Preparing a major Port-wide long-range management plan for cultural resources including prehistoric and historic cultural resources properties and historic architectural resources located within the operating boundaries of the Port of Long Beach.

**Task Manager, Southern California Water Company (SCWC) Water Wells Project, Archaeological Surveys; Riverside and San Bernardino County, CA (2006).** Conducted cultural resources surveys and prepared CEQA documentation for the development of four water wells in San Bernardino County, California.

**Task Manager, City of Vernon, Vernon Power Plant, CA (2005-2007).** Assisted with preparation of Application For Certification for California Energy Commission in support of this proposed 800 MW power generation facility in Los Angeles County, California. Responsible for preparation of cultural resources component of project, including field surveys, report preparation, and conducting Native American consultation.

**Deputy Project Manager, AES Pacific Inc., Highgrove Power Plant, CA (2005-2007).** Preparation of environmental analysis component of Application For Certification for California Energy Commission in support of this proposed natural gas fired 300 MW peaking power generation facility in Riverside County, California. Additionally responsible for preparation of cultural resources component of project, including field surveys, report preparation, and conducting Native American consultation.

**Task Manager, Edison Mission Energy, Walnut Creek Energy Park Power Plant, CA (2006).** Assisted with preparation of Application For Certification for California Energy Commission in support of this proposed 500 MW power generation facility in Los Angeles County, California. Responsible for preparation of cultural resources component of project, including field surveys, report preparation, and conducting Native American consultation.

**Task Manager, Edison Mission Energy, Sun Valley Energy Center Power Plant, CA (2006).** Assisted with preparation of Application For Certification for California Energy Commission in support

of this proposed 500 MW power generation facility in San Bernardino County, California. Responsible for preparation of cultural resources component of project, including field surveys, report preparation, and conducting Native American consultation.

**Project Manager; Sacramento Municipal Utility District (SMUD) Cosumnes Power Plant and Gas Pipeline Project, Environmental Compliance, Sacramento, CA (2003-2004).** Managed interdisciplinary team of over 20 environmental specialists including archaeologists, biologists, and paleontologists during construction of 26-mile gas pipeline and associated power generation plant. Contract value was over \$2.0 million.

**Project Principal/Quality Control Manager, Talega Residential Housing Development, Archaeological and Paleontological Compliance, Data Recovery, and Compliance Monitoring, San Clemente, CA (2002-2004).** Project principal for multidisciplinary team providing environmental compliance services for this 3,700-acre home development in San Clemente. Assisted with frequent agency consultation with U.S. Army Corps of Engineers (USACE).

**Army National Guard Cultural Resources Support Contracts, UT. (2002-2003).** Managed cultural resources services from Army National Guard for all 29 facilities within the State of Utah. Primary goal was to assist National Guard with bringing facilities into compliance with Section 106 of NHPA. Managed archaeological survey, testing, and data recovery projects. Assisted with Native American consultation. Authored an Integrated Cultural Resources Management Plan (ICRMP) to assist the Guard in complying with Department of Defense Instructions 4715.3 and Army Regulation 200-4.

**Project Manager; 700-mile Kern River Pipeline Expansion Project; WY, UT, NV, and CA (2002-2003).** Managed major cultural resources services contract with Williams Gas Pipeline, in support of the 700-mile Kern River Pipeline Expansion Project, traversing Utah, Nevada, Wyoming, and California. Mr. Helton was individually sought by Williams Gas Pipeline to provide regulatory guidance, regional technical expertise in cultural resources, project management support, as well as to provide leadership as the agency and subcontractor liaison for the project, given the size, complexity, multistate and multijurisdictional challenges and aggressive schedule of the project. Assisted from project initiation with facilitation of project Programmatic Agreement and led coordination meetings with stakeholder agencies and permitting authorities in California, Utah, Nevada, and Wyoming as well as FERC. Coordinated the activities of three subconsultants as well as the internal project team. Developed creative strategy to mitigate impacts to a large number of National Register eligible cultural sites. Contract value was over \$3.0 million.

**Project Manager, Sierra Pacific Power Company, Third-Party Environmental Compliance, 630-Mile Silver State East Fiber Optic Project, Salt Lake City, UT, to Reno, NV (2003-2004).** Managed multiphase contract to provide staff support to Bureau of Land Management (BLM) during preparation of POD and NEPA document, as well as well as third-party environmental compliance activities during construction of the 590-mile Silver State East Fiber Optic Project by Sierra Pacific Power Company. Led agency coordination, managed the project budget and staff, and assisted with resource data extraction from agency archives. Assisted with development of MOU, Project Charter, Programmatic Agreement, and public scoping process. During 14-month construction process, managed team of 25 cultural and biological resources environmental compliance monitors and acted as point of contact for BLM and Sierra Pacific Power Company.

**Project Principal /Quality Control Manager, Williams Pipeline, Rockies Expansion Pipeline Construction, WY, ID (2003).** Provided overall management of cultural resources and paleontological resources compliance monitoring services for the Rockies Expansion pipeline construction project.

**Project Manager, Adesta Communications Fiber Optic Project, Grand Junction, CO to Salt Lake City, UT (2000).** Managed all aspects of cultural and paleontological resources compliance for the 260-mile utility project. Assisted with preparation of environmental assessment (EA) for NEPA compliance. Provided project development, agency coordination, management of project budget and staff, supervision of field crews, identification and recordation of historic and prehistoric resources, laboratory analysis, and report preparation. Contract value was over \$1.0 million.

**Project Principal/Quality Control Manager; Questar Pipeline Company, Mainline 104 Pipeline Project, UT (2001).** Managed cultural resources component of the Mainline 104 natural gas pipeline project, 75 miles of 24-inch-diameter natural gas pipeline from Price to Elberta, Utah, across Carbon, Emery, Sanpete, and Utah Counties, including the Manti-LaSal and Uinta National Forests, BLM, state, and private lands. Coordinated with officials from BLM, State Trust Lands, U.S. Department of Agriculture (USDA) Forest Service, and State Historic Preservation Office (SHPO).

**Deputy Project Manager, Confidential Southern California Power Project (2005).** Assisted with preparation of the Application for Certification including lead for required analysis of 8 miles of new gas line. Key issues included land use, water supply, air quality, cultural resources, biological resources, visual resources, and noise.

**Project Manager, Williams Communications, Third-Party Environmental Compliance, I-80 Fiber Optic Project, NV and UT (2003-2004).** Managed third-party construction compliance monitors and representatives of the BLM; ensured that compliance monitors, contractors, and construction crews met the requirements described in the projects construction stipulations, permits, and right-of-way grant. Was the primary liaison to the client, BLM; provided agency coordination, management of project budget and staff, supervision of field crews, and report preparation.

**Project Principal, Western Area Power Administration, Transmission Line Project; Imperial County, California (2003-2004).** Provided overall management of cultural resources services for the Parker-Blythe #1 161-kV transmission line project. The inventory extended from Blythe, California to Parker, Arizona. A total of 147 sites (136 in California and 11 in Arizona) were recorded.

**Program Manager, United States Army Dugway Proving Ground, Cultural and Biological Resources Services (2001-2002):** Program Manager for a 3-year on-call contract to supply cultural and biological resources services to the United States Army's Dugway Proving Ground. Served as primary point of contact for the facility's environmental lead official. Assisted facility staff with cultural resources compliance activities, including cultural resources inventories in harsh and sometimes dangerous conditions within areas known to contain UXO's and other potential hazards. Completed required background checks, safety training, range training, and other required training and preparation to work on the sensitive facility. Led crews on several large inventories within this expansive training facility in Utah's West Desert. Maintained constant communication with Range Control and base staff to avoid conflict with range training activities, while performing the required inventories.

**Project Manager, United States Army Deseret Chemical Depot, Cultural Resources Services (2001):** As Principal Investigator for a large multi-phased cultural resources investigation of the United States Army's Deseret Chemical Depot, led initial survey design and sampling plan to determine the presence,

distribution, type, and significance of cultural resources located at this sensitive chemical weapons facility.

**Project Manager, Williams Pipe Line Project, Thompson to Salt Lake City, UT (1999-2001).**

Managed all aspects of cultural resources compliance for the 260-mile pipeline, including project development, agency coordination, management of project budget and staff, supervision of field crews, identification and recordation of historic and prehistoric resources, laboratory analysis, artifact curation, and report preparation.

**Project Manager, Qwest Fiber Optic Project; Environmental Assessment; Cove Fort, Utah (2000):**

Managed preparation of Environmental Assessment for NEPA compliance. Also prepared required technical report for cultural resources. Project development; agency coordination; management of project budget and staff; supervision of field crews; report preparation.

**Project Manager, Williams Communications, 3<sup>rd</sup>-Party Environmental Compliance, I-80 Fiber Optic Project; Nevada and Utah (2000):** Managed third party construction compliance monitors and representatives of the BLM; ensured that compliance monitors, contractors, and construction crews met the requirements described in the projects construction stipulations, permits, and right-of-way grant. Primary liaison to client, BLM; agency coordination; management of project budget and staff; supervision of field crews; report preparation.

**Project Manager, Questar Gas Pipeline Company Dog Valley Pipeline Project; Panguitch, Utah (1998).** Survey and recordation of 37 historic and prehistoric sites; supervision of field crews; laboratory analysis; artifact curation; report preparation.

**Project Manager, Kennecott Rawhide Mine, On Call Cultural Resources Services; Fallon, Nevada (1998):** Project development, management of project budget, agency liaison, supervision of field crews and report preparation for over 1200 acres of multiple cultural resources inventories.

**Field Director; Excavation of 42SI 230; Salt Lake City, UT (1998).** Directed testing and data recovery excavation at the Salt Lake International Airport for airport expansion project. Participated in laboratory analysis of ceramic, lithic, and bone artifacts.

**Field Director; Legacy West Davis Highway Excavation Project; Salt Lake City, UT (1997).** Directed field excavation of large Archaic to Late Prehistoric site. Twelve-week test pitting phase included over sixty 2-by-2-meter test pits. Consulted and participated with local Native American Tribal representatives. Laboratory analysis of ceramic, lithic, and bone artifacts. Contributed to final report.

**Other Professional Skills:**

- Spanish language fluency (speak, read, and write)

**Professional Affiliations and Committees:**

Association of Environmental Professionals

Register of Professional Archaeologists

Society for American Archaeology

American Anthropological Association

Select California-Specific Project Experience:

**Clint J. Helton, M.A., RPA**

**Sample California Project Experience**

Project	Dates of Performance	Type of Work Performed			
		<i>Field Survey, Assessment, Recordation</i>	<i>Data Recovery, Mitigation Planning</i>	<i>Testing, Data Recovery, Fieldwork</i>	<i>Native American Consultation and Coordination</i>
Talega Residential Housing Development, Archaeological Surveys, Data Recovery, and Compliance Monitoring; San Clemente, California	6/01 - 8/04	■	■	■	■
Kern River Pipeline Expansion Project; Utah, Nevada, and California	1/02 - 12/03	■	■	■	■
Western Area Power Administration, Transmission Line Project, Archaeological Surveys; Imperial County, California	2/03 - 8/03	■	■		■
San Juan Capistrano High School and Housing Development Project, Archaeological Survey and Data Recovery; San Juan Capistrano, California	6/03 - 10/03	■	■	■	■
Sacramento Municipal Utility District Cosumnes Power Plant and Gas Pipeline Project, Archaeological Surveys, Testing, and Compliance Monitoring; Sacramento, California	8/03 - 9/04	■	■	■	■
AES Highgrove Energy Project, Archaeological Surveys; Riverside County, California	1/05 - 3/05	■	■		■
SCWC Water Wells Project, Archaeological Surveys; Riverside and San Bernardino County, California	7/05	■			■
SR 79 Highway Realignment Project, Archaeological Surveys; Riverside County, California	1/05 - 3/07	■	■	■	■
City of Los Angeles Bureau of Sanitation Integrated Resources Plan, Los Angeles, California	7-05 - 8/05		■		
Port of Long Beach Cultural Resources Inventory and Long-Range Management Plan, Long Beach, California	8/05 - 1/07	■	■		■
Clinton Keith Road Extension Project, Riverside County, California.	1/06	■	■		■
Multiple Power Generation Facility	1/05 - 3/07	■	■		■

Permitting Projects in Alameda, Los Angeles, Riverside, San Bernardino, and San Diego Counties.					
Lompoc Wind Energy Project, Santa Barbara County, California	5/06 - 3/07	■	■	■	■

**Cultural Resources Permits/Authorizations Held:**

**Clint J. Helton, M.A., RPA  
Permits/Authorizations Held**

<b>Title on Permit</b>	<b>Geographic Area</b>	<b>Year Permitted</b>	<b>Issuing Agency</b>
Registered Professional Archaeologist	Nationwide	1999	Register of Professional Archaeologists
ARPA Permit – Project Director/Principal Investigator (Statewide), California Bureau of Land Management Cultural Resource Use Permit	California	2004	California State Office of Bureau of Land Management
Field Director (Statewide), Nevada State Antiquities Permit	Nevada	1998	State of Nevada, Nevada State Museum
ARPA Permit--Project Director, Historic/Prehistoric (Statewide), Nevada Bureau of Land Management Cultural Resource Use Permit	Nevada	1998	Nevada State Office of Bureau of Land Management
Principal Investigator, Utah State Antiquities Permit	Utah	1998	State of Utah, Division of State History
ARPA Permit--Project Director (Statewide), Utah Bureau of Land Management Cultural Resource Use Permit	Utah	1998	Utah State Office of Bureau of Land Management
ARPA Permit – Project Director (Statewide), Oregon/Washington Bureau of Land Management Cultural Resource Use Permit	Oregon	2004	Oregon State Office of Bureau of Land Management
ARPA Permit – Project Director (Statewide), Oregon/Washington Bureau of Land Management Cultural Resource Use Permit	Washington	2004	Oregon State Office of Bureau of Land Management