APPENDIX 8.3B

Resume of Cultural Resources Staff

Clint J. Helton, M.A., RPA
chelton@ch2m.com
CH2M HILL
3 Hutton Centre Drive
Suite 200
Santa Ana, CA 92707
Tel 714.429.2000
Fax 714.429.2050

Education

- M.A., major in Anthropology, Brigham Young University, 1996
- B.A., major in Language and Literature, University of Utah, 1994

Training and Certifications

- CEQA Training
- NEPA Training
- Section 106/NHPA Training
- Registered Professional Archaeologist (RPA)
- Federal Antiquities Permit in California, Oregon, Washington, Utah, and Nevada

Areas of Expertise

Mr. Helton has a strong background in environmental impact studies, with specific experience in cultural resources requirements in California, Nevada, and Utah. Mr. Helton has 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 enables him to manage National Environmental Policy Act (NEPA), National Historic Preservation Act (NHPA) as well as California Environmental Quality Act (CEQA) compliance activities and document preparation. Mr. Helton has more than 9 years of environmental management experience in the western U.S., including his past three years of experience in California. He has authored numerous environmental technical reports, cultural resources studies, Programmatic Agreements, Memorandum's of Understanding, and contributed to many CEQA and NEPA documents for a variety of private and public sector clients.

Over the course of his career, Mr. Helton has honed valuable leadership and managerial skills, having successfully managed numerous on-call contracts, complex projects, and large numbers of staff. Mr. Helton has led many multi-disciplinary teams in support of many complex undertakings such as development of gas and petroleum pipelines, fiber optic cables, highways, utility lines, and land development projects. Mr. Helton possesses particularly strong capabilities in third-party environmental compliance/mitigation monitoring work, having managed several major projects for public utility proponents in Nevada and California, as well as private oil, gas, and technology companies. Mr. Helton is a particularly skilled strategist, and is skillful at running large contracts, delivering quality products on time and within budgets. In the course of his investigations, he has worked with many State and Federal agencies, as well as various Native American Tribal officials.

Mr. Helton is an active member of the Association of Environmental Professionals, Register of Professional Archaeologists, Society for American Archaeology, and American Anthropological Association.

Professional Experience

Project Scientist – CH2M HILL; Santa Ana, California (2005)
Scientist in the Environmental Services group in the Santa Ana office. Responsible for cultural resources services throughout Southwest Region. Also lead teams and contribute to preparation of Environmental Impact Statements and Reports, and other permitting assistance and document preparation. Report to Regional Business Group Manager.

Managing Principal – SWCA Environmental Consultants; Orange County, California (2001-2004)
Promoted from Program Director to Managing Principal of California operations. Responsible for operation of 60-person regional profit center, consisting of three offices in Sacramento, Orange County, and San Diego with. Reported to Regional Vice President Thomas Motsinger.

Cultural Resources Program Director—SWCA Environmental Consultants, Salt Lake City, Utah (2000-2001)
Promoted from Project Manager to Program Director while working with SWCA in the Salt Lake City office. Co-Managed Salt Lake City office, including all day-to-day activities of 35-person cultural resources division. Duties included project management, staff work load leveling, performing QA/QC review, hiring/mentoring staff, and business development. Managed all aspects of cultural resource management activities throughout Utah, Nevada, Idaho, and western Colorado, including marketing, proposal preparation, agency liaison, project management, oversight of personnel and physical resources, local and federal permits, as well as NHPA and NEPA document preparation. Reported to Regional Vice President.

Project Manager—SWCA Environmental Consultants; Salt Lake City, Utah (1998–2000)
Worked as project manager and analyst in the Salt Lake City office, responsible for preparation of environmental documents complying with NEPA and NHPA (Section 106) requirements. Prepared technical and cost proposals and research designs; conducted various aspects of surveys, testing projects, and excavation projects; and prepared reports involving historic and prehistoric resources in Utah and Nevada. Reported to Program Director.

Staff Archaeologist, Baseline Data; Orem, Utah (1996–1998)
Responsibilities include preparation of technical reports, conducting and supervision of various aspects of surveys, testing projects, and excavation projects; and preparing reports involving historic and prehistoric resources in Utah and Nevada.

Instructor, Brigham Young University, Provo, Utah (1995–1996)
Anthropology 312 "Intercultural Communication; Mexico and Central America Emphasis." Designed curriculum for and taught undergraduate course on culture, history, language, and traditions of Mexicans, Central Americans, and Hispanic-Americans. Course focused on the

need for greater cultural awareness and improved communication between Hispanics and Anglo cultures and improving communication in general between diverse cultural groups.

Instructor, University of Utah; Salt Lake City, Utah (1994–1998)
Art 205, "Wheel-thrown Pottery" Taught course on wheel-thrown ceramics to classes of approximately 30 students.

Teacher, Salt Lake City School District; Salt Lake City, Utah (1991–1994)
Taught Spanish language classes to grades K-6 students. Designed curriculum. Taught English language classes to primarily Hispanic students of grades K-12. Taught students in other subject areas such as science and history when needed.

Select Project Experience

Deputy Project Manager, AES Pacific Inc., Highgrove Power Plant Project; California (2005): Co-managing preparation of Application For Certification from California Energy Commission for proposed power generation facility. Responsible for preparation of cultural resources component of project, as well as an interdisciplinary team of environmental specialists including archaeologists, biologists, and paleontologists. *Client: AES Pacific Inc. Client Contact: Confidential.*

Project Manager, Sacramento Municipal Utility District (SMUD) Cosumnes Power Plant and Gas Pipeline Project, Environmental Compliance; Sacramento, California (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. *Client: Sacramento Municipal Utility District. Client Contact: Sacramento Municipal Utilities District; Kevin Hudson, 916.732.7101.*

Project Manager, 700-mile Kern River Pipeline Expansion Project; Utah, Nevada, and California (2002-2003): Managed major cultural resources services contract with Williams Energy, in support of the 700-mile Kern River Pipeline Expansion Project, traversing Utah, Nevada, Wyoming, and California. Individually sought by Williams Energy to provide regulatory guidance, regional technical expertise in cultural resources and project management support, as well as to provide leadership as the project's agency and subcontractor liaison, given the projects size, complexity, multi-state and multi-jurisdictional challenges and aggressive schedule. 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. Coordinated the activities of three sub-consultants as well as the support of SWCA's regional offices and technical contributors. Played major role in the development of treatment plans to mitigate impacts to a large number of National Register eligible cultural sites. Contract value was over $3.0 million. *Client: Ecology and Environment (Prime) and Williams Energy/Kern River Gas Transmission Company. Client Contact: Williams Energy; Jim Bloemker, 713.215.2656.*

Project Principal/QC Manager, Talega Residential Housing Development, Archaeological and Paleontological Compliance, Data Recovery, and Compliance Monitoring, San Clemente,

California (2001-2004): Acted as Project Principal for multi-disciplinary team providing environmental compliance services for this 3,700-acre home development in San Clemente. Assisted with frequent agency consultation with Army Corps of Engineers. Worked with Project Manager and supporting scientists to ensure adequate staffing and production of high-quality reports. Contract value was over $1.5 million. *Client: Talega Associates. Client Contact: Talega Associates; Glen Land, 949.498.1366.*

Project Principal/QC Manager, Dayton Canyon Estates Development; San Clemente, California (2001-2004): Acted as Project Principal for multi-disciplinary team providing environmental compliance services for this 3,700-acre home development in San Clemente. Assisted with frequent agency consultation with Army Corps of Engineers. Worked with Project Manager and supporting scientists to ensure adequate staffing and production of high-quality reports. Contract value was over $2.0 million. *Client: Sun Cal Companies. Client Contact: Sun Cal Companies; Ed Pickett, 818.348.3033.*

Project Principal /QC Manager, 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. *Client: Western Area Power Administration.*

Project Principal /QC Manager, Williams Pipeline, Rockies Expansion Pipeline Construction; Idaho and Wyoming (2003): Provided overall management of cultural resources and paleontological resources compliance monitoring services for the Rockies Expansion pipeline construction project. *Client: Williams Pipeline.*

Project Manager, Level III Communications Fiber Optic Line; Salt Lake to Las Vegas, Nevada (2001): Managed multi-phased contract for this major interstate utility project. Managed cultural resources surveys of project ROW, cultural resources monitoring during construction, major data recovery excavations of significant archaeological sites, and production of multi-volume final technical report production for this large project. Contract value was over $4.0 million. *Client: Level III.*

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

Project Manager, Sierra Pacific Power Company, 3rd-Party Environmental Compliance, 630-Mile Silver State East Fiber Optic Project; Salt Lake City, Utah to Reno, Nevada (2000): Managed multi-phase contract to provide staff support to Bureau of Land Management 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, management of project budget and staff, 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. Contract value was over $2.0 million. *Client: Sierra Pacific Power Company and Bureau of Land Management. Client Contact:* Steve Siegel; 775-834-4429.

Project Principal and Manager, Army National Guard Cultural Resources Support Contracts; Utah (2002-2003): Managed sole-sourced cultural resources services from Army National Guard for all of its 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. *Client: Army National Guard. Client Contact: Army National Guard; Paul Graham, Environmental Coordinator 801.523.4452*

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. *Client: Agiess Environmental (Prime) and Dugway Proving Ground.*

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. *Client: CH2MHill (Prime) and Deseret Chemical Depot.*

Project Principal/QC Manager, Questar Pipeline Company, Mainline 104 Pipeline Project (2001): Managed cultural resources component of SWCA's contract to Questar Pipeline Company in support 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. Conducted cultural resources inventory. Responsible for monitoring compliance with various resources treatment plans and responding to any unanticipated discoveries or

inadvertent non-compliance incidents that affect cultural resources. Coordinated with officials from BLM, State Trust Lands, USDA Forest Service, and SHPO.

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. *Client: Qwest.*

Project Manager, Williams Communications, 3rd-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. *Client: Williams Communications.*

Project Manager, Williams Pipe Line Project; Thompson to Salt Lake City, Utah (1998-2002): 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. *Client: Williams Pipeline Company.*

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. *Client: Kennecott Rawide Mining Company.*

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. *Client: Questar Gas Pipeline Company.*

Additional Cultural Resources Experience

Field Director, Excavation of 42SI 230; Salt Lake City, Utah (1998): Directed large excavation at the Salt Lake International Airport. Participated in laboratory analysis of ceramic, lithic, and bone artifacts. *Employer: Baseline Data. Client: Salt Lake City International Airport Authority.*

Field Director, Legacy West Davis Highway Excavation Project; Salt Lake City, Utah (1997): Directed field excavation of 42Dv 2 Archaic to Late Prehistoric site. Twelve-week test pitting phase included over 60 2 x 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. *Employer: Baseline Data. Client: HDR Engineering (Prime) and Utah Department of Transportation.*

Field Director, Legacy West Davis Highway Survey and Testing project; Salt Lake City, Utah (1997): Directed Class III inventory of historic and prehistoric resources and implemented innovative sub-surface auger testing. Contributed to final report. *Employer: Baseline Data. Client: HDR Engineering (Prime) and Utah Department of Transportation.*

Crew Chief, River Gas Survey and Subsurface Testing Project; Price, Utah (1996–1997): Supervised Class III inventory and historic and prehistoric site recording. Performed laboratory analysis of ceramic, lithic, and bone artifacts. Contributed to final report. *Employer: Baseline Data. Client: River Gas Company.*

Crew Chief, Salt Lake City International Airport Test Excavation; Salt Lake City, Utah (1996–1997): Ten-week excavation of site 42SI 230, an Archaic, Fremont, and Late Prehistoric site. Supervised excavation of over 40 test pits. Performed laboratory analysis of ceramic, lithic, and bone artifacts. Contributed to final report. *Employer: Baseline Data. Client: Salt Lake City International Airport Authority.*

Crew Chief, Central Telephone Fiber Optic Project; Salt Lake City, Utah (1996): Directed Class III survey, and authored final report. *Employer: Baseline Data. Client: Central Telephone.*

Surveyor, Regional Class III Surveys; Regional, Utah (1996–1998): Pedestrian surveys for various projects in the Wasatch Mountains and valleys and the Colorado Plateau. *Employer: Baseline Data. Client: Various.*

Other Related Experience

Student, Nakbé Archaeological Project (RAINPEG); Petén, Guatemala (1996): Discovered and mapped previously undocumented sites and sampled material culture around the Maya site of Nakbé in the El Mirador Basin located in Northern Petén of Guatemala under Dr. Richard Hansen of UCLA, Director. Co-authored final publication.

Student, Fish Lake Archaeological Project/BYU Field School; Fish Lake, Utah (1995): Participated in an eight-week excavation of Archaic, Fremont, and Prehistoric sites in central Utah. Participated with local Native American Paiute Tribal consultants.

Volunteer Campus Representative, International Center, University of Utah; Salt Lake City, Utah (1993-1994): Promoted intercultural experiences through participation in study abroad programs and cultural awareness activities for student body. Acted as representative during campus-wide information sessions and International Center sponsored activities.

President/Founder, Graduate Student Organization (GSO), Department of Anthropology, Brigham Young University; Provo, Utah (1995–1996): Formed a student group concerned with promoting interest in anthropology, academic success, and professional opportunity. Participated in bringing distinguished speakers and other local and national scholars and professionals to the University. Provided a communication link between faculty and graduate students in the Department of Anthropology.

Third-Party Environmental Compliance/Mitigation Monitoring Experience Supporting Major Construction Projects

- Project Manager, Cosumnes Power Plant and Gas Pipeline Project, Sacramento Municipal Utility District
- Project Manager, Level III Fiber Optic Project, Level III
- Project Principal/QC Manager, Talega Housing Development, Talega Associates
- Project Manager, Silver State East Fiber Optic Project, Sierra Pacific Power Company
- Project Manager, I-80 Fiber Optic Project, Williams Communications
- Project Manager, Questar Mainline 104 pipeline loop, Questar Pipeline Company

Permits Held

	Title on Permit	*Geographic Area*	*Year Permitted*	*Issuing Agency*
Clint J. Helton, M.A., RPA	Registered Professional Archaeologist	Nationwide	1999	Register of Professional Archaeologists
Clint J. Helton, M.A., RPA	ARPA Permit—Project Director (Statewide), California Bureau of Land Management Cultural Resource Use Permit	Califirnia	2004	California State Office of Bureau of Land Management
Clint J. Helton, M.A., RPA	Field Director (Statewide), Nevada State Antiquities Permit	Nevada	1998	State of Nevada, Nevada State Museum
Clint J. Helton, M.A., RPA	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
Clint J. Helton, M.A., RPA	Principal Investigator, Utah State Antiquities Permit	Utah	1998	State of Utah, Division of State History
Clint J. Helton, M.A., RPA	ARPA Permit--Project Director (Statewide), Utah Bureau of Land Management Cultural Resource Use Permit	Utah	1998	Utah State Office of Bureau of Land Management
Clint J. Helton, M.A., RPA	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
Clint J. Helton, M.A., RPA	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

Professional Affiliations and Committees

- Association of Environmental Professionals
- Register of Professional Archaeologists
- Society for American Archaeology
- American Anthropological Association
- Member, Utah Professional Archaeological Council
- Member, Wyoming Association of Professional Archaeologist

Professional References

Sacramento Municipal Utility District (SMUD)
6201 S Street, Sacramento, CA 95817
Kevin Hudson, Compliance Manager
916-732-7101

Williams Energy
2800 Post Oak Blvd. Houston, Texas 77056
James Bloemker, Archaeologist/Permitting Specialist
713-215-2656