

The Planning Center

The Planning Center recently celebrated its 32nd anniversary as a private consulting firm providing multidisciplinary services to both governmental agencies and the private sector. Since its founding in 1975, The Planning Center has been devoted to developing viable, imaginative planning solutions to the physical, social, economic, and environmental challenges that arise from urbanization. We provide assistance to local, state, and federal government agencies and to the private sector, navigating our clients through the myriad regional, state, and federal planning and environmental requirements.

The Planning Center currently employs nearly 70 individuals, including about 55 professional staff. They possess the qualities and capabilities you need for any assignment, through relevant experience, individual achievements, and a true synergy of team members.

What We Bring to Our Clients and Projects

A Full Range of Professional Services – Most clients, like you, who use planning and research services in today's highly charged governmental decision-making environment, need a diverse team of highly trained and experienced professionals. Our firm embodies a full complement of professional disciplines, including:

- policy and regulatory Specific Area Plan preparation;
- land use planning;
- landscape architecture;
- site planning;
- urban design;
- redevelopment and rehabilitation plans;
- policy and general plan preparation;
- environmental analysis;
- EIR and EIS preparation;
- housing elements;
- air quality planning;
- air quality assessments;
- congestion management planning;
- computerized planning system applications.

Recognized Excellence – The Planning Center is recognized as one of the top west coast planning firms and is noted for the quality of its work. Our reputation for excellence in land use planning and design is our trademark. Your need for excellence and quality is well served by our established reputation, earned through the firm's consistent production of effective, achievable plans and programs.

Commitment – The Planning Center will not commit to a project if the necessary staff is not available. In addition, we have never refused to complete a contract and will not accept other projects that may represent a conflict of interest.

Depth of Staff – The experience of The Planning Center's key personnel at the different levels of government results in an ideal team to address the critical challenges posed by emerging planning requirements. You can call upon us to assemble the multiple disciplines for your project into an integrated framework under the direction of our Principals.

Qualifications



*Governmental Services
Planning & Urban Design
Environmental Analysis
Landscape Architecture*

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Qualifications

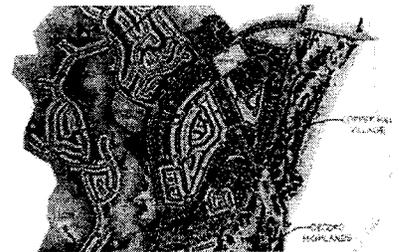
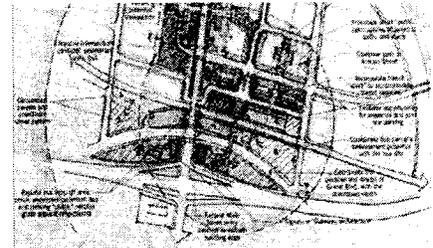
Principal and Senior Project Management Involvement – The involvement of Principals and Senior Project Management in each project ensures efficient management and critical attention to detail. We can assure you that we will be directly involved in all aspects of planning on your projects. We take pride in the fact that when we are involved in a project, the principals and senior project managers have direct “hands-on” involvement with the project from start to completion.

Responsiveness to Client Needs – We understand the importance of project timing and adherence to project schedules. We are frequently required to work within tight project schedules. With a staff of over 40 people, we have the ability to arrange staffing assignments and resources to meet our clients’ needs.

Consistent and Quality Work – Our management and products are consistently of the quality of which we can be proud. We use an in-house quality control system to ensure that our products are accurate, technically sound and presentable.

Creative and Workable Solutions – We take a creative approach to our projects and look at each project as a new challenge that requires unique solutions. In this manner, we are able to evaluate each project objectively and formulate a plan and programs that are workable.

Outstanding Governmental Services – Your project may require uniting public and private sector interests in dynamic urban development settings. You need consultants who can confront complex challenges. Within this formidable environment, The Planning Center is acknowledged as an accomplished facilitator of coordinated public planning strategies and an implementer of practical solutions. We make available to you a team of experienced professionals who are technically proficient in the areas of public policy, large scale development, implementation techniques, neighborhood



A Partial Listing of Large Scale Planned Communities Prepared by The Planning Center		
Project	Client	Acres
Airport North	City of Camarillo	337
Audie Murphy Ranch	Huntington Beach Company	1,000
Ball Ranch	Sienna Corporation	592
Beacon Hill	Taylor Woodrow Homes, Ltd.	400
Bighorn	Westinghouse Desert Communities	780
Big Sky Ranch	Big Sky Ranch, Inc.	2,696
Bonita Miguel	Unocal Land & Development Co.	2,600
Brookridge	Tait Investment Properties	1,918
Cactus Corridor	The Inland Group	600
California Oaks	Val Vista Estates	2,000
Canyon Park	American Beauty Homes	988
Carson Creek	Palisades Development Co.	710
Centennial New Town	Tejon Ranch Company	11,676
Chino Hills	County of San Bernardino	18,000
Circle C Ranch	The Smith Family	500
Continental Ranch	American Continental Corporation	4,200
Del Oro Hills	Jessen Development Co.	700
Eagle at Rancho Mirage	City of Rancho Mirage	652
Eastlake Village	Shapell Industries	600
Entrada Este	TMI	400
Fairview Valley	Simons/LI Associates	725
Fishers Landing	Genstar Properties	3,410
Forest City	Forest City Southwest	310
Gateway Center	Cienega, Ltd.	120
Hunter's Ridge	Forest Cities	570
Kennecott Master Plan (Utah)	Kennecott Development Co.	93,000
Kohl Ranch	Regent Properties	2,177
Lake Ridge Estates	Campeau Corporation.	1,700
La Cuesta	Conrock, Inc.	800
La Paloma	Cottonwood Properties	700
Las Alamedas	Alameda Land & Development Co.	3,500
Loma Rica Ranch	TMI	452
Marina del Rey	County of Los Angeles	1,500
Marina Hills	Taylor Woodrow Homes, Ltd.	1,200
Mesas East	Newhall Land & Farming Co.	
Northgate	Tempo Investments	487
Pima Farms	Leisure Technologies	700
Promontory	Palisades Development Co.	500
Quail Creek	Emerald Homes	1,306
Rancho Fontana	City of Fontana	510
Rancho Marana	Commercial Southwest	1,000
Rancho Sahuarita	Sharpe & Associates	2,800
Rancho San Juan	County of Monterey	2,158
Sabino Springs	Perini Land & Development	410
Santa Fe Ranch	Santa Fe Development	1,296
Santa Fe Hills	Santa Fe Development	2,840
Singleton Ranch	Singleton Ranch Investment Co.	690
Santa Nella	County of Merced	4,700
Silverado Hills	Cienega, Ltd.	800

Qualifications



Qualifications

Sky Valley	Sky Valley Developers	4,100
South Sutter County General Plan	Sutter County	24,715
Stallion Springs	Carlsberg Land Company	10,000
Summit	Newland Carolina	1,680
Tierra Alta	City of West Covina	656
Tangerine Crossing	Forest City Southwest	895
Tortolita Mountain	Westinghouse Communities	5,500
Vail Valley	Horizon Corporation	1,700
Villages of Madera	Castle & Cooke California, Inc.	9,100
Villages of South Sutter	Sutter County	20,000
West of Buena Vista	Castle & Cooke California, Inc.	691
Westbrook Village	Universal Development Co.	1,200
Westcreek Master Planned Community	Newhall Land & Farming Co.	966
Westfields Annexation Master Plan	City of Springville (Utah)	1,600
Winterhaven	Castle & Cooke Homes California	426
Willow Springs	TMI	265
Woodlake	Owen/Grant Development Co.	951
Wood Ranch	The Roberts Group	3,800



Resumé

JOSEPH E. CACIOPPO, JR., PE, Vice President/Senior Civil Engineer

EDUCATION

1993 B.S. in Civil Engineering, California State University, Chico

REGISTRATION/CERTIFICATION

- Professional Civil Engineer, California #C57881
- Professional Civil Engineer, Nevada #13361

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers - Nevada Section Board Member (2005-2007)
- American Society of Civil Engineers - Branch President (2000-2001)

EXPERIENCE

- RESOURCE CONCEPTS, INC.** 1998 to Present
- **Vice President & Senior Civil Engineer:** Mr. Cacioppo has been involved in a variety of civil engineering design projects. His projects include residential and commercial developments and site improvements, road and parking lot design, construction management, testing & inspection, open channel design, storm water detention and retention basin design, hydrologic and hydraulic analyses, slope stabilization using both mechanical and vegetative techniques, watershed stabilization and erosion control, and gabion structure design. Mr. Cacioppo has extensive experience with design and construction in mountainous regions as well as lower lying valley areas.
- In addition to Mr. Cacioppo's design experience, he has managed multiple projects of varying complexity. His project management experience includes preparing many types of correspondence from contracts and cost estimates to specifications and construction documents. His diverse experience enables him to relate to, and balance the needs of, clients and regulatory agencies from design through construction.
- VECTOR ENGINEERING, INC.** 1996 to 1998
- **Project Engineer:** Mr. Cacioppo was responsible for the design of public works projects and civil site improvements. His responsibilities included design, planning, and permitting of open channel and closed conduit storm drainage systems, water distribution and storage systems, municipal solid waste landfills, recycling and material recovery/compost facilities, and transfer stations. In addition, he was responsible for the preparation of specifications, permit documents, and construction quality assurance manuals.
- His technical specialties included hydrologic and hydraulic design, storm water retention and detention facilities, site grading plans, road design, specifications, volume calculations, topographic mapping, and computer aided design and modeling. Management experience included project tracking and budgeting, capital and O&M cost estimating, report and letter preparation, marketing, proposals and scopes of work, permitting, and supervision of project professionals.
- GREINER ENGINEERING, INC.** 1994 to 1996
- **Project Engineer:** Mr. Cacioppo was involved in the design of civil site improvements for residential, commercial, and industrial facilities. He planned and designed water distribution and storage systems, open channel and closed conduit storm drainage systems, wastewater transport and pumping systems, and prepared improvement plans, final maps, and specifications. He was also responsible for correspondence with clients and regulatory agencies, construction management, and shop drawing review.
- THOMPSON HYSSELL ENGINEERS** 1994
- **Project Engineer:** Mr. Cacioppo was responsible for right-of-way investigations, feasibility studies consisting of economic analyses and depreciation schedules, subcontractor coordination, production meetings, permitting, and project correspondence.
- TRANS TEC CONCEPTS-ENGINEERING CONSULTANTS** 1990 to 1993
- **Supervising Drafter:** Mr. Cacioppo was involved in the design and planning of telephone cables and conduits for Pacific Bell and other telephone agencies. His responsibilities included supervision and training of drafting staff, drafting, mapping, and assuring the timely completion of all drafting work.



RCI

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JOSHUA FORTMANN
Environmental Geologist

Summary of Experience

Mr. Fortmann has a broad range of experience in drinking water, surface water, groundwater, and surface and subsurface soils sampling for environmental testing. He is experienced with Phase I and II Environmental Site Assessments (ESAs), and materials testing procedures. He has prepared ESA reports, groundwater, air and soils monitoring reports, and is familiar with permitting for soil disposal and well drilling. With a strong educational background in geology and four years experience, he is familiar with field sampling/testing of soils, concrete and asphalt. He has provided testing and field services for construction of underground storage tank fuel systems, roadways, parking lots, commercial and federal buildings, and curbs, gutters and sidewalks.

Mr. Fortmann is an experienced Brownfields project manager with extensive experience performing Phase I and II Environmental Site Assessments (ESA) at Brownfields sites in Nevada. Currently, he is Kleinfelder's project manager for the original Brownfields contract. His nine years of experience include preparing Sampling and Analysis Plans (SAP) for US EPA review and SAP implementation. He has experience performing assessment and clean-up activities at Superfund sites, landfills, military facilities and state and county regulated facilities. With extensive experience in report preparation, he has submitted assessment and clean-up reports for city, county state and federal review. His background includes drinking water, surface water, groundwater, and surface and subsurface soils, soil vapor and soil moisture sampling for environmental testing. He is also experienced with hydrogeological assessments, fault investigations and materials testing. With a strong educational background in geology, he is familiar with well drilling, permitting for soil disposal, NPDES permitting, and field sampling/testing of soils, concrete, and asphalt.

Education

BS, Geology, University of Nevada System : Reno, Nevada, 1993

Registrations

Certified Environmental Manager (C.E.M.), No.1730, NDEP, NV,

Certifications

OSHA 40-Hour HAZWOPER,

Professional Affiliations

Association of Engineering Geologists, Associate Member

Select Project Experience

The following is a representative selection of Joshua Fortmann's project experience.

Water Resources

Tahoe Tavern Drinking Water Well, Tahoe City Public Utility District, Tahoe City, California.

Coordinated well rehabilitation activities and performed pumping tests on rehabilitated well.

Rubicon Municipal Drinking Water Well, Tahoe City Public Utility District, Meeks Bay, California.

Coordinated drilling activities and performed lithologic logging and sampling.

Uppaway Drinking Water Well, Milton Sharp, Glenbrook, Lake Tahoe, Nevada.

Sampled well water, lithologic logging.

Well Sampling, Squaw Valley County Water District, Olympic Valley, California.

Performed lithologic logging and sampling for horizontal drinking water well.

Well Testing and Monitoring, Squaw Valley Public Service District, Squaw Valley, California.

Pumping test, slug tests and monitoring of existing wells to define aquifer characteristics.

Sampling and Testing, Squaw Valley Test Well, Intrust, Squaw Valley, California.

Coordinated drilling activities and performed lithologic sampling and logging of drinking water test well.

Mason Valley Groundwater Model, Mason Valley, Nevada.

Performed aerial photo interpretation and data collection for model preparation.

Truckee River Flood Control, Truckee River, Reno, Nevada.

Collected fluvial data to assist in development of flood control mitigation strategy.

Underground Storage Tanks

Soil Sampling and Testing, Whittel High School, Douglas County School District, Zephyr Cove, Nevada.

Performed soil sampling and directed soil excavation, performed soil compaction testing.

Reno Sparks Indian Colony, Reno, Nevada.

Observed UST removal and collected soil samples for site closure.

Incline Village General Improvement District, Incline Village, Nevada.

Performed soil sampling using Geoprobe to assess UST removal and 120' of piping replacement.

Underground Storage Tank Removal and Replacement, Douglas County Sewer Improvement District, Douglas County, Nevada.

Monitored placement and tested compaction of soil from removal of underground storage tanks, sampled and tested concrete for new UST pads.

Soil Sampling, Washoe County School District UST, Sparks, Nevada.

Collected soil and groundwater samples and prepared assessment report regarding former UST at bus yard.

Vinton Garage UST, Frank and Ann Terrasas, Vinton, California.

Monitored excavation of fuel product and contaminated soil from former UST location. Collected groundwater and soil samples in order to obtain a risk-based closure of the site.

Underground Storage Tank Closures - Proposed Monument Tower, Reno, Nevada

A Phase I ESA performed at this proposed site discovered several environmental issues. Information and recommendations were provided prior to commencement of any construction activities related to: potential total petroleum hydrocarbons in the soils near former automotive garages and an underground storage tank at the site; two previously removed heating oil USTs which affected soils at the site containing low but reportable hydrocarbons in the heating oil range; and groundwater beneath downtown Reno (the general area of the proposed construction) containing a plume of tetrachloroethylene. Assisted the project manager by providing senior review of both findings and recommendations prior to completion of a final report.

Monitoring and Remediation

Reno Railroad Corridor, Nolte & Associates, Reno, Nevada.

Coordinated installation of groundwater monitoring wells and soil and groundwater sampling/disposal.

Kirkwood Powerhouse and Kirkwood Service Center, Kirkwood Associates, Inc., Kirkwood, California.

Collected soil and groundwater samples using Geoprobe and hollow-stem auger drill rigs. Coordinated installation, developed and sampled monitoring wells placed near UST's.

Marine Corps Mountain Warfare Training Center (MCMWTC), Bridgeport, California.

Collected groundwater samples from monitoring wells and sampled investigation-derived waste for disposal.

Placer County Courthouse Annex, Quincy, California.

Collected groundwater samples from monitoring wells at former UST location in order to prepare quarterly report based on analytical results. Performed soil and groundwater sampling using GeoProbe. Also performed soil compaction testing.

Soil and Groundwater Monitoring, Squaw Valley Lodge, Squaw Valley Lodge Owners Association, Olympic Valley, California.

Monitored excavation of contaminated soil, obtained soil samples for analysis, monitored construction of vapor extraction remediation system, observed placement of fill, performed compaction testing of site soils.

Montreaux Golf Course, Washoe County, Nevada.

Obtained groundwater samples from monitoring wells, prepared report based on analytical results.

Groundwater Sampling at Resort at Squaw Creek, Perini Land and Development Company, Olympic Valley, Nevada.

Sampled surface and groundwater and prepared report on monitoring activities, analytical results. Collected soil and surface water samples to assess migration of herbicide.

Burton Creek, Placer County, California.

Collected soil samples and monitored/coordinated removal of contaminated soil related to a leaking underground storage tank. Collected groundwater samples and prepared a report based on analytical results.

Maverick Store Air Sampling, Boise, Idaho.

Collected air samples from and assisted in construction of air sparging/vapor extraction system to remediate fuel products in soil and groundwater from LUST.

Boise Cascade Groundwater Sampling, Council, Idaho.

Collected groundwater samples from monitoring wells at former sawmill.

Cornerstone Redevelopment, Phase II Site Investigation, Henderson, Nevada.

This 100-acre parcel was formerly an aggregate mine which the City of Henderson intends to develop into a public park with a storm water retention basin. A Phase I Assessment had been performed previously which determined that petroleum hydrocarbon contaminants had been in the soil at an earlier date and then later excavated and removed. This Phase II investigation is for the purpose of performing quarterly sampling of monitoring wells and surface water at the site. Assisting the project manager by providing additional consultation as appropriate and supplemental review of laboratory test results.

Old Maintenance Facility, Town of Mammoth Lakes, California.

Performed Phase II ESA and Phase III excavate and dispose of contaminated soil.

Groundwater Monitoring Services, Rye Patch Travel Center, Lovelock, Nevada.

Project manager in charge of groundwater monitoring services which were performed in accordance with Nevada Division of Environmental Protection guidelines. Supervised the field activities which included well purging and sample collection, checking wells for floating product, decontamination of reusable sample equipment, the proper labeling and storage of sampling containers, and proper disposal of impacted purge water. Reviewed the laboratory test results and prepared a letter report for the client.

Lassen County Landfills.

Performed soil sampling and air monitoring to assist with landfill closure.

Snow Creek, Tahoe Vista, California.

Performed soil sampling and excavation monitoring to assist in rehabilitation of contaminated wetlands in Tahoe Basin.

Airport Authority of Washoe County, Reno, Nevada.

Performed groundwater sampling and site assessment activities.

Environmental Site Assessments

Mustang Ranch Properties, EG&G Services, Storey County, Nevada.

Performed Phase I and II ESA on former brothel and 300-acre surrounding property including soil and asbestos containing material sampling.

El Dorado Savings, South Lake Tahoe Redevelopment Agency, South Lake Tahoe, California.

Performed Phase I ESA soil and groundwater sampling at former gas station.

Flamingo Hilton, Foothill Capital, Reno, Nevada.

Performed Phase I ESA on casino/hotel property in downtown Reno.

Kirkwood Ski Resort ESA, Kirkwood Associates, Kirkwood, California.

Performed Phase I ESA on multiple parcels to be residentially and commercially developed in Kirkwood.

Redfield Parcel ESA, Reno, Nevada.

Performed Phase I ESA for a parcel to be commercially developed in Reno.

Brookside Apartments ESA, Northstar, California.

Performed Phase I ESA for a commercial property.

GR Petroleum Gas Station, Round Mountain, Nevada.

Performed Phase I ESA for ownership transfer of gas station property.

Las Vegas Fashion Outlet Mall ESA, Las Vegas, Nevada.

Conducted a review of aerial photographs for a preliminary environmental site assessment.

Harold's Club and Nevada Club ESA, Reno, Nevada.

Performed Phase I and II ESA for commercial redevelopment of existing casinos. Assessment included collection of soil samples from beneath buildings at UST locations, using a Geoprobe soil sampling system.

Brian Hall Treatment Plant ESA, Sparks, Nevada.

Performed Phase I ESA for redevelopment of an out-of-use sewage treatment plant.

Proposed Legends of Sparks Marina, Sparks, Nevada

Assisted the project manager during the Phase II investigation for the purpose of

preparing an Update and Amendment to a Phase I assessment. Two parcels were added as part of the project site since we performed a Phase I ESA. The Phase II involved several soil borings and analyses of soil and groundwater samples to determine the potential presence of regulated petroleum wastes from a former batch plant and several USTs removed from the site. Soil and groundwater samples from an adjacent Shell service station were also included. Specific duties during the performance of this Phase II include oversight of the field crew services during the exploration program, review of laboratory testing results, and review of client report.

Belaustegui Park, Battle Mountain, Nevada

Prepared and implemented SAP, including installation of soil borings and groundwater monitoring wells. Prepared site assessment report for presence of barium and petroleum hydrocarbons at the subject site. Sample submitted to multiple US EPA Contract Laboratories. Presented assessment results and redevelopment recommendations to Lander County Commissioners at a commission meeting.

Reno Events Center, Reno Nevada

Prepared and implemented SAP including installation of soil borings and groundwater monitoring wells. Prepared site assessment report for presence of solvents and petroleum hydrocarbons at the subject site. Samples submitted to multiple US EPA Contract Laboratories.

PCE Assessment, Central Truckee Meadows Remediation District, Washoe County, Nevada

Coordinated installation of soil, soil gas and groundwater sample points. Assessed multiple urban locations for presence of PCE, and potential for affect on the city drinking water supply.

Other Environmental Projects

Herlong Landfill, Herlong, California.

Performed soil, soil moisture and groundwater sampling and air monitoring to assist with landfill closure. Prepared quarterly monitoring reports.

Environmental Walk-Through, Trainor & Associates, Reno, Nevada.

Performed environmental walk-through of several properties to assess tenants' activities.

Winnemucca Bridge, Nevada Department of Transportation, Winnemucca, Nevada.

Collected soil samples using Geoprobe to assess soil contamination at former train fueling station, in relation to new bridge footing excavations.

Environmental Services, Truckee Rents, Truckee, California.

Performed transaction screen for a financial institution related to an equipment rental business located on the Truckee River.

Phase II ESA and Soil Sampling, Burns Brothers Travel Stop, Rye Patch, Nevada.
Performed Phase II ESA for truck stop/casino/hotel to be purchased. Included drilling at multiple locations and collecting soil samples.

Groundwater & Soil Monitoring, Helms Quarry Reclamation Project, City of Sparks, Sparks, Nevada.
Obtained depth-to-water measurements from previously installed wells to monitor aquifer response to pumping operations at the quarry and major flooding. Collected groundwater samples for monitoring purposes. Observed slope excavation at former concrete and asphalt batch plant location to document possible soil contamination.

Arrowcreek Golf Course and Development, Southwest Pointe Partners, Reno, Nevada.
Performed Phase I ESA on several parcels and a site assessment update on a 3500+ acre site to be developed as residential housing, and prepared report of findings. Sampled surface water at golf course and prepared quarterly report of analytical results.

Plexco Manufacturing, Aervoe Pacific, Stead, Nevada.
Performed air sampling and prepared report based on analytical results. Report assisted client in determining if modification to manufacture process was feasible.

Center Street Bridge Water Quality Assessment, Granite Construction, Reno, Nevada.
Obtained water samples to assess Truckee River water quality during bridge reconstruction.

Noise Survey, Craftsman Press, Stead, Nevada.
Conducted an environmental noise survey in relation to future industrial activities, and performed data analysis using Metrosoft.

Septic System Design, State of Nevada, Luning, Nevada.
Assisted with Luning Rest Area septic system design, and performed field observations on construction of the system.

Buckskin Mill Groundwater Monitoring, Yerington, Nevada.
Prepared maps of analyte concentrations in groundwater.

Owyhee Combined School, Owyhee, Nevada.
As the project manager, was responsible for a Tier II investigation to identify, if applicable, petroleum hydrocarbons in the soil and groundwater at this project site. Prepared both SAP and HASP Plans, supervised the field operations, reviewed laboratory test results, and prepared a written report of findings and recommendations for the client.

Reno Hilton Pond Soil Sampling, Reno, Nevada.
Collected soil samples from bottom of 150 foot lake to assess flood sedimentation.

UNR Parking Garage, Reno, Nevada.
Collected soil samples and monitored excavation of fuel product and contaminated soil.

Hawthorne Landfill, Phases I,II, and III, Hawthorne, Nevada

Project Manager during extensive environmental services provided prior to and during the closure of this landfill. Activities performed by Kleinfelder involved provided environmental assessment and clean-up services; provided oversight during the surface debris consolidation and disposal services; and prepared a plan of action related to methods to clean-up the landfill's surface debris. Also provided site survey and made arrangements for fencing of the landfill.

Ice Lakes Lodge, Soda Springs, California

Assisted the project manager during an environmental assessment of this property where past hazardous materials handling practices were documented as well as the effect of past known hazardous material discharges of the neighboring operations on the subject site. Provided review of the project manager's finding and recommendations prior to detailing them in the final report.

Wells Landfill, Wells, Nevada

Project manager for groundwater assessment at closed landfill at headwaters of Humboldt River. Performed monitoring well installation, sampling and reporting to NDEP.

Basshill Landfill, Lassen Regional Solid Waste Management Authority, Lassen County, California

Performed soil moisture and groundwater sampling and prepared monitoring reports. Installed new groundwater monitoring wells to assess multiple aquifers.

Bieber Landfill, Lassen Regional Solid Waste Management Authority, Lassen County, California

Performed groundwater sampling, prepared monitoring reports, including implementation of approved statistical analysis method.

Soil and Soil Vapor Sampling - Former Dry Cleaner Site, Reno, Nevada

Project manager responsible for the soil and soil vapor sampling activities at this site to assess additional impacts to soils in previously assessed locations and also to assess potential impacts to soils at interior locations. Previous assessment activities by others identified the presence of tetrachloroethylene (PCE) in the soils at the site. Kleinfelder personnel collected soil and soil vapor samples from four locations; soils samples were submitted to a Sparks, Nevada certified laboratory and soil vapor samples to a Folsom, California laboratory. As project manager, prepared a report of finding and recommendations based on the various laboratory test results which report contained a detailed table summarizing soil and soil vapor analytical results.

Other

NDEP Brownfields Conferences, Reno Nevada

Project manager for the 2004 and 2005 NDEP Brownfields conferences, including planning, coordination and scheduling facilities, speakers, presenters, sponsors and attendees.

Washoe County Outreach, Washoe County, Nevada

Performed Brownfields public outreach at Citizen Advisory Board meetings in Washoe County. Prepared presentation material, and coordinated meeting schedules with Washoe County Community Development Department and NDEP. Outreach performed as initiation of statewide Brownfields inventory required of the NDEP by EPA. Documented citizen suggestions for potential Brownfield sites for use by the NDEP Brownfields Program.

ERIC HUBBARD
Geoscience Manager

Senior Engineering Geologist

Summary of Experience

Mr. Hubbard has over twenty years of professional experience in geology, engineering geology, and hydrogeology. He has specialized expertise in geology, hydrogeology, engineering geology and air quality projects, including fault and landslide hazard studies, soil and ground water investigations, over 400 Underground Storage Tank(UST)related projects, geologic hazards studies for hospitals and schools, fate and transport modeling, RBCA assessments, expert witness consulting and geologic mapping projects. Coordinate and negotiate with regulators and clients regarding land use aspects of geology. He was a lecturer in Engineering Geology at California State University, Sacramento from 1997 to 2002 in addition to his other professional activities.

Education

BS, Geology, California State University System : Fresno, California, 1983

Registrations

Certified Engineering Geologist (C.E.G.), No.1733, CA, 1993
Certified Environmental Manager (C.E.M.), No.1846, NV, 2003
Certified Hydrogeologist (C.H.G.), No.773, CA, 2003
Professional Geologist (P.G.), No.1171, WY, 1992
Registered Geologist (R.G.), No.4807, CA, 1990

Certifications

OSHA CFR 1910.120 Hazwoper,

Professional Affiliations

Association of Engineering Geologists
Geological Society of America
American Geophysical Union

Select Project Experience

The following is a representative selection of Eric Hubbard's project experience.

Water Resource

Groundwater Conjunctive Use Study, Sacramento Valley, California.

Supervised preparation of a large-scale feasibility study to evaluate coordinating groundwater and surface water use, rice farming, and waterfowl habitat enhancement in the Northern Sacramento Valley. This project involved technical and legal water issues,

and working with a group of diverse stakeholders, including Ducks Unlimited, a wetlands conservation group, rice farmers, state, federal and local agencies, water districts, and noted western water expert and author, the late Marc Reisner.

Large Municipal Well Pump Test and Analysis, Sacramento, California.

Completed analysis of an 18-inch diameter, 500-foot deep pumping well for a developer client. This work included geophysical logging of the well, a 24-hour pump test, an evaluation of water quality, and interpretation of test results.

Pony Canyon Water Resources, Austin, Nevada

Provided environmental assistance to the project manager during the identification of options available to the Lander County Sewer and Water District II to increase the yield from this important high-quality groundwater source. The existing source of groundwater had been compromised due to construction activities which severely limited the output. Specific duties in the position of Environmental Department Manager involved senior oversight and review of written submittals prior to finalization of the reports.

Environmental

Natomas Airpark, Sacramento, California.

Project Manager for the investigation of soil and groundwater quality associated with crop dusting activities that took place for many years. The project included preparation of detailed workplans, sampling of soil, air and groundwater for hundreds of different analytes, installation of wells, preparation of reports, oversight of a probabilistic Human Health Risk Assessment, and remedial design alternatives. Included coordination with numerous local, county and state regulators and multiple property owners.

Meadowview Community Center, Sacramento, California.

Supervised Phase 1 investigation that identified a former dry cleaning facility at an older regional shopping center. Supervised Phase 2 investigation of a plume of PCE plume that had moved over a mile in a downgradient direction. Performed soil vapor and vapor flux sampling in support of a Human Health Risk Assessment. This work resulted in a technical paper, Comparison of Measured Versus Modeled Surface Flux of VOCs from Contaminated Groundwater that was presented at the Air and Waste Management Association 93rd Annual Meeting in Salt Lake City, Utah.

Harbor Boulevard Widening Project, Sacramento, California.

Project manager for the comprehensive Phase I and Phase II environmental studies conducted for the project. The project consisted of widening Harbor Boulevard and a new railroad under crossing in West Sacramento. 32 privately owned parcels in the right-of-way were assessed for potential environmental impairments. Selected parcels were further assessed for the extent of soil and groundwater contamination. The investigation resulted in providing recommendations for handling of contaminated soil during grading, and handling of contaminated water during dewatering of construction excavation.

Proposed Legends of Sparks Marina, Sparks, Nevada.

Project manager responsible for the Update and Amendment relative to a Phase II Assessment taking into consideration two additional parcels of land and soil and groundwater sampling due to the former batch plant and underground storage tanks which had been located at the site but since removed. A Shell service station in the immediate area also required groundwater sampling to assess the groundwater for petroleum contaminants. Responsibilities involve supervising the field operations, review of laboratory test results and analyses, and preparation of the Update and Amendment for the client's use.

Owyhee Combined School, Owyhee, Nevada.

Kleinfelder was retained to conduct a Tier II investigation which documented, if applicable, the present of petroleum hydrocarbons in the soil and groundwater at this school site. A Phase I Environmental Site Assessment was previously performed which was the beginning of this investigation. Assisted the project manager in the preparation of a Sampling and Analysis Plan as well as the Health and Safety Plan and, as the Environmental Department Manager, provided senior oversight and review of written submittals prior to delivery to the client.

New Wal-Mart Store, Reno, Nevada.

Assisted the project manager by providing oversight and review of client documentation relative to the discharge of impounded storm water which was treated with muriatic/hydrochloric acid and then used for on-site dust control purposes at this construction site.

Landfill

51st Street Abandoned Landfill, Sacramento, California.

Supervised completion of a landfill soil gas and waste characterization investigation at a private high school, including installation of numerous wells, multiple completion soil vapor probes, backhoe trenches, indoor air quality evaluations, and installation of a methane alarm system. Provided remedial options for methane mitigation and for methane barrier and collection systems in proposed buildings, as well as recommendations for mitigation of building settlement resulting from construction in the landfill area. This was a high profile project involving potential litigation with former property owners and landfill operators, and was the subject of considerable local media coverage.

Mining

Mather Field Aggregate Study, Sacramento, California.

Completed a comprehensive aggregate resource study at a closed Air Force Base. The investigation included excavating large-diameter borings with a clam-shell bucket auger, analysis of several tons of material for aggregate suitability and gold content.

Engineering Geology

Regional Seismicity Study

Prepared a Regional Seismicity Study for an international internet auction company based in San Jose, California. The project was designed to develop criteria for siting critical computer operations facilities.

Earthquake Fault Investigation

Completed an Earthquake Fault Investigation for a big box retail structure in Spanish Springs Valley, near Reno. The project was underway when Kleinfelder was retained to evaluate a fault present under the proposed structure. Although the fault was assessed as Holocene in age, we were able to assist the structural engineer in developing a design that allowed the structure to be completed safely.

Seismic Hazards Studies, numerous locations, California.

Completed seismic hazards studies at numerous school and hospital facilities, including on site reconnaissance, with subsurface exploration, if warranted, qualitative analysis of non-seismic hazards, and probabilistic and deterministic analysis of site-specific ground shaking potential.

Environmental Assessment

Waterfront Towers, Reno, Nevada.

The Waterfront Towers project is slated to be the tallest building in Reno. During the Phase I Environmental Site Assessment for this project, Kleinfelder personnel identified several potential environmental concerns. Potential concerns included the presence of large and small heating oil tanks, a history of automobile repair shops on the site, and several feet of undocumented fill. Our scope of services included a detailed review of the site history, preparation of a site investigation workplan, implementation of a drilling, trenching and sampling program, as well as a geophysical survey to locate underground tanks and utilities. Finally, we arranged for removal and disposal of the underground storage tanks. We were able to complete our work in a timely and cost effective way, providing the client with a clear picture of potential risk, and a plan for dealing with environmental issues without affecting the project schedule.

Copart Clean-up, Reno, Nevada.

The Copart clean-up site was an auto dismantling storage yard. Our scope of services included identifying potential environmental impairments for the lessor, and arranging for removal and disposal of soil contaminated by oil and fuel leaks.

Former Winston Tire Center, Reno, Nevada.

This former tire center contained several hydraulic lifts that contained and potentially leaked hydraulic oil. We coordinated removal of the lifts, evaluation of soil in the excavations, and disposal of the lifts and contaminated soil in accordance with Washoe County and State of Nevada requirements.

Mills Lane Justice Center, Reno, Nevada.

The Mills Lane Justice Center was under construction when soil and groundwater were observed that appeared to contain petroleum. We were retained by the Washoe County Department of Public Works to assess the extent and type of petroleum product in the soil and groundwater, arrange for proper disposal and coordinate with the Washoe County Department of Environmental Health. The work was done in a timely and cost-efficient manner, such that the construction was able to proceed without delay.

NDOT On-Call Environmental Services, Reno, Nevada.

The Nevada Department of Transportation contracts with Kleinfelder to provide on-call environmental services. Services provided to-date include assessments, and also removal and clean-up efforts associated with the discovery of underground fuel storage tanks.

Closure of Underground Storage Tanks, Downtown Reno Events Center, Reno, Nevada

During sewer installation along 4th street, two abandoned underground storage tanks were encountered. These were likely a part of the former adjacent service station, demolished in 1993. This portion of the site was in the 4th Street right-of-way, a state-owned corridor and therefore, the USTs were deemed the responsibility of the Nevada Department of Transportation (NDOT). NDOT retained Kleinfelder to remove the USTs in accordance with State of Nevada requirements. Subsequently, a third abandoned UST was encountered very close to and west of the first two USTs. Kleinfelder was able to arrange for removal of the tanks within a day of discovery, thus allowing the project to continue with minimal delay. Provided senior review services related to the preparation of the final report.

Removal of Underground Storage Tanks, Cornell Avenue Improvement Project, Lovelock, Nevada

The project site was a portion of Cornell Avenue in Lovelock, Nevada, near its intersection with Main Street. The three tanks were found during street improvements. Kleinfelder responded rapidly to remove the USTs to minimize disruption to the Cornell Avenue improvement project. Reviewed historical data and also the client documentation prior to finalization.

Asbestos

Legend of Sparks Marina, Sparks, Nevada.

Kleinfelder conducted a Phase I Environmental Site Assessment, which found abandoned piping which appeared to contain fibrous insulation that contained asbestos. At a later date a Phase II ESA was required which tested and positively identified the presence of asbestos in the aforementioned piping. As the project manager, assigned personnel to this project as well as oversight of their field and office duties, review of test results, and preparation of a written report for the client's reference.

Sparks Crossing Assessment Update, Sparks, Nevada.

Project manager in charge of the update to a previously conducted Phase I Environmental Site Assessment, as well as the initial Phase I. Originally, asphalt-type shingles under

sheet metal roofing were identified in the Phase I ESA and the update again addressed the possibility of asbestos materials within those shingles. Conducted a literature search, made a site visit and performed review of a database to ultimately confirm that asbestos was not present. Lastly, prepared a written report advising the client of our findings.

Former Hawthorne Landfill, Hawthorne, Nevada.

Kleinfelder initially prepared a Sampling and Analysis Plan on behalf of the Nevada Division of Environmental Protection. Suspected asbestos-containing materials were identified, sampled and tested. Asbestos Abatement Specifications for NDEP's use were also prepared for the removal of piles of asbestos cement shingles. As the Reno office Environmental Department Manager and project manager, was responsible for selecting personnel to perform the asbestos services, provided oversight of all personnel; reviewed the Sampling and Analysis Plan; reviewed test results; and prepared final report for the client.

Asbestos and Lead-Based Paint Surveys, Truck Transfer Facility Expansion, Sparks, Nevada.

An existing truck transfer building needed a fast-track asbestos and lead-based paint survey due to scheduled construction expansion work. Assigned personnel, provided oversight of their services, analyzed environmental test results, and prepared a written report of findings, conclusions and recommendations for the client's use.

Removal of Underground Storage Tanks, McGill Sewer Project, Northern Nevada

During sewer installation, three abandoned underground storage tanks were encountered. Working closely with NDOT and NDEP, Kleinfelder was able to remove the tanks in a timely way and assist NDOT in completing the project with minimal disruption. Reviewed and approved various data prior to its inception into the final report to the client.

Publications and Papers

Author, *Naturally Occurring Asbestos: An Introduction*, Geotimes, American Geological Institute, March 2000,

Co-Author, *Comparison of Measured Versus Modeled Surface Flux of VOCs from Contaminated Groundwater*, Air and Waste Management Association Annual Meeting, 2000,

Co-Author, *So You Think You Have Naturally Occurring Asbestos? Sampling and Assessment Protocols*, Association of Engineering Geologists Annual Meeting, 2000,

Author, *How to Build a Big Box on an Active Fault*, Association of Engineering Geologists - Abstracts with Programs,

Awards

1992 Outstanding Environmental Engineering Project. California Geotechnical Engineers Association

ROBERT R. KAUTZ, Ph.D., RPA

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Reno, NV 89502

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Education:

- ◆ University of California, Davis, Ph.D. Anthropology, 1976.
- ◆ University of California, Davis, B.A. Anthropology, 1969.

Professional History:

- ◆ Kautz Environmental Consultants, Inc. - January 1994 - Present, CEO, Cultural Resources Program Manager.
- ◆ Mariah Associates, Inc. - 1990-1994. Reno Branch Manager and Cultural Resource Program Manager/Principal Investigator.
- ◆ R. Kautz and Associates, Inc. - 1985-1990. President and CEO. Cultural Resources Director.
- ◆ Prime Circuit Technology, Inc. - 1983-1985. Personnel Director, High Tech Manufacturing and Assembly.
- ◆ Hamilton College - 1974-1983. Anthropology Professor.

Professional Experience:

Kautz Environmental Consultants, Inc.: Dr. Kautz incorporated Kautz Environmental Consultants, Inc. (KEC) in January of 1994. As Principal, Dr. Kautz is responsible for marketing, personnel, contracts, budgeting, and planning activities undertaken by the firm, as well as quality assurance for all projects. In addition, Dr. Kautz coordinates relations between KEC's clients and the relevant local, state, and federal regulatory agencies.

Dr. Kautz has designed and managed over 800 large and small cultural resource programs for clients in private industry and government throughout the western United States. His specialties include environmental archaeology, the historic archaeology of mining, Chinese settlements, archaeological method and theory, sampling, computers, and cultural resource management. He is a member in good standing of the Register of Professional Archaeologists (RPA), has attended Federal classes regarding the 106 Process and Managing Federal Projects, and has been the recipient of many honors and awards including the National Science Foundation, National Geographic Society, Mellon Foundation, California Preservation Foundation, etc. He has worked in South America, Central America, several eastern states (New York, Georgia), and throughout the desert and montane west, including lands in Nevada, California, Idaho, and Oregon. Dr. Kautz has taken projects from their initial stages through the entire Federal 106 Process and has

provided mitigation for large and complex undertakings. His clients have included Federal, state, and local governments and agencies, as well as private mining, development, utilities, and museum ventures.

Mariah Associates, Inc - 1990-1994: Dr. Kautz served as the branch manager for the Reno office of Mariah Associates, a firm headquartered in Laramie, Wyoming. He was responsible for the overall operation of the office; managing personnel, contracts, budgeting, and planning for all Reno office projects. As a cultural resource project manager, Dr. Kautz was also responsible for CRM marketing, project fieldwork, data analysis, quality assurance and project reports.

R. Kautz and Associates, Inc. - 1985-1990: Dr. Kautz acted as president and CEO for a cultural resource management firm located in Sacramento, California. He managed budgets, personnel, client contact, and planning in addition to acting as the chief scientific officer of the company. One large project was the State of California, Department of Parks and Recreation's, Burial Inventory Project that provided computer and museum management for over a million archaeological objects. in anticipation of the State of California's NAGPRA compliance. Another project of this kind was the computerization, analysis, and cataloguing of the contents of the Chinese Store at the Gold Discovery State Park in Coloma, California.

Prime Circuit Technology, Inc. - 1983-1985: Dr. Kautz took the position of director of personnel for a medium-sized electronics assembly firm in the Silicon Valley during its initial start-up phase and helped lead them through a period of tremendous growth from 60 employees to over 360 within the first year. He was responsible for the entire personnel, insurance, and fiscal/production reporting functions.

Hamilton College - 1974-1983: Dr. Kautz served as an assistant professor of anthropology teaching courses reflecting his archaeological interests, serving on various governance committees, and publishing his research. During this period, Dr. Kautz conducted research in Belize, Central America, for the National Geographic Society (3 years), in Peru for the National Science Foundation and in central Nevada for the American Museum of Natural History, New York.

Honors and Awards:

- 2004 Design Award, California Preservation Foundation, Truckee Historic District Nomination
- 1999 Register of Professional Archaeologists
- 1998 Resource Advisory Council, BLM/USFS, Sierra Front/Northwest Nevada, 1998 to 2003
- 1982 National Geographic Society Research Grant
- 1980 Faculty Support Grant; Far Western Anthropological Research Grant
- 1979 Margaret Scott Bundy Fellow - One Year Research Fellow
- 1977 Three Faculty Support Grants for Research
- 1976 Fund for Innovation in Teaching Grant; Endowed Summer Grant
- 1975 Kirkland College Endowed Summer Support Grant
- 1974 Huber Grant; Mellon Faculty Support Research Grant

- 1973 Sigma Xi Research Grant
- 1972 National Science Foundation Dissertation Improvement Grant
- 1970 Three Year N.D.E.A. Title IV Fellowship, Anthropology
- 1969 Phi Beta Kappa, Phi Kappa Phi, Anthropology Department Citation for Outstanding Undergraduate, University of California, Davis

Field Experience:

Since beginning his formal career in 1968, Dr. Kautz has been involved in archaeological projects that have taken him to South America, Central America, the eastern United States, and the western United States with an emphasis upon work in California and the Great Basin. His total in-field time is over six years. He has worked at sites ranging in age from New World "early man" sites through 19th century mining and 20th century urban industrial sites.

Publications (selected):

- 1970 *Papers on California and Great Basin Prehistory*. Editor, Center for Archaeological Research at Davis, University of California, Davis.
- 1972 Review of "The Dead at Tiburon" by Thomas King. *American Antiquity* 37:558-559.
- 1972 Palynological Investigations of Two Prehistoric Cave Middens in Central Nevada. *Tebiwa* 15:43-54 (with David Hurst Thomas).
- 1974 A Late-Pleistocene Pollen Sequence (ca. 12,000 BP - Present) at Guiterrero Cave, Caejon de Huylas, Peru. *American Quaternary Association Research Abstracts*.
- 1977 Determining Site Function: A North Peruvian Coastal Example. *American Antiquity* 42:86-97 (with Richard Keatinge).
- 1980 Pollen Analysis and Paleoethnobotany. Chapter 3 in, Thomas Lynch, ed., *Guiterrero Cave: Early Man in the Andes*. Academic Press, New York. Pp. 45-64.
- 1981 *The Transition to Statehood in the New World*. (eds. G. Jones and R. Kautz). Cambridge University Press. Cambridge, England.

Issues in the Study of New World State Formation. In, *The Transition to Statehood in the New World*. Edited by G. Jones and R. Kautz, pp. 3-34, with Grant Jones. Cambridge University Press. Cambridge, England.
- 1983 Contemporary Pollen Rain in the Monitor Valley (Nevada). In, David H. Thomas, ed., *The Archaeology of Monitor Valley, Vol. 1, Epistemology*. *Anthropological Papers of the American Museum of Natural History* 59:106-117.
- 1984 Pollen Analysis. In, David H. Thomas, ed., *The Archaeology of Monitor Valley, Vol. 2, Gatecliff Shelter*. (with Robert Thompson). *Anthropological Papers of the American Museum of Natural History* 59:136-151.

- 1985 Archaeology and Ethnohistory on a Spanish Colonial Frontier: An Interim Report on the Macal-Tipu Project in Western Belize. In, *The Lowland Maya Postclassic*. A. Chase and P. Rice, eds., (with G. Jones and E. Graham). pp. 206-214. University of Texas Press.
- Soils and the Location of Cacao Orchards at a Maya Site in Western Belize. *Journal of Archaeological Science* 12:121-137. (with Dan Muhs and J.J. MacKinnon).
- Tipu: A Maya Town on the Spanish Colonial Frontier. *Archaeology* 38(5):27-36. (with G. Jones).
- 1987 Understanding Dill and May, A Letter re. Long-Term Museum Curation. *Bulletin of the Society for American Archaeology* 5(4):4.
- 1990 Archaeological Investigation of Nine Sites Along the Tahoe Reach, Martis to Squaw Valley 120kv Transmission Line Project, Placer County, California, Peter B. Mires, Robert R. Kautz, and Nancy Botti. *Tahoe National Forest Cultural Resources Report Number 30*. Truckee.
- 1992 Placer 23 Revisited: Archaeological Testing at Site 4-Pla-23, Placer County, California. Peter B. Mires, Robert R. Kautz, and Nancy Botti, *Tahoe National Forest Cultural Resources Report Number 36*. Truckee.
- 2000 Archaeological Artifact Attrition: Time's Arrow and Collection Depletion. *Collection Forum* 16 (1):36-44.

CRM Reports (selected):

- 1987 *Final Report of the State of California Burial Inventory Project*. Submitted to the California Department of Parks and Recreation, Interpretive Section, Sacramento, California. NAGPRA documentation. pp. 1-484.
- 1989 *The Archaeology of the Gorham (Lipscomb) House Property, Gold Hill, Nevada: Upper Class Victoriana on the Comstock Lode*. U.S. Bureau of Land Management, Carson City District Report. pp. 1-64.
- 1990 *A Computer Aided Catalogue System Applied to the Contents of the Chinese Store: James Marshall Gold Discovery SHP, Coloma, CA*. California State Department of Parks and Recreation, Inland Region Report. pp. 1-34.

A Class III Cultural Resources Inventory of a Proposed Water Pipeline Route: The Truckee Meadows Water Project from Lemmon Valley to Honey Lake Valley, Nevada. Truckee Meadows Water Project Corp. Reno, Nevada.

A Cultural Resources Survey of a Proposed Mining Expansion (2,500 acres) at the Candelaria Mine, Mineral and Esmeralda Counties, Nevada. Nerco Metals. Hawthorne, Nevada.

1991 *People of the "Wel Ga Nuk": Prehistory of the Huffaker Hills Locality, Washoe County, Nevada.* Washoe County Utility Division. Report submitted to the Carson City District BLM.

1993 *Cultural Resources Investigations of Leesburg and Vicinity, Lemhi County, Idaho.* Prepared for FMC Gold Company, Salmon, Idaho. (Lead author, with others) Report submitted to the U.S. Forest Service, Salmon, Idaho.

1994 *A Cultural Resources Inventory in East-Central Spanish Springs Valley, Washoe County, Nevada.* Report submitted to the City of Sparks, Nevada.

Alturas 345kV Transmission Line Cultural Resources Inventory Project Report. Report prepared for Woodward-Clyde Consultants and Aspen Environmental Group (with J. Hutchins). BLM Report No. CA-31406.

A Class II Cultural Resources Survey of Sample Corridors Near Eureka, Nevada. (with Teri Christensen) Report prepared for Homestake Mining Company and submitted to the Battle Mountain BLM.

1995 *An Historic Context of the Eureka Mining District, Eureka County, Nevada.* Submitted to the Battle Mountain District of the US Bureau of Land Management.

A Cultural Resources Assessment of the Southwest Pointe Subdivision, Washoe County, Nevada. Prepared for Dingman Investments, Genoa Lakes Venture (with J. Hutchins). Report submitted to Nevada State Historic Preservation Office.

Data Retrieval at 26Wa5883, The Barker Homes Site, Spanish Springs Valley, Washoe County, Nevada. Kautz Environmental Consultants, Inc., (KEC Project #48)

A Cultural Resources Assessment for The City of Sparks, Spanish Springs Sports Complex/Golf Course. Report prepared for The City of Sparks, Nevada Public Works Department. Kautz Environmental Consultants, Inc., (KEC Project #11).

1996 *A Cultural Resources Inventory of the Dry Creek Fan, Washoe County, Nevada.* (with Teri Christensen and M. Burns). To Nevada SHPO.

An Historic Properties Treatment Plan, City of Sparks, Recreation Complex, Spanish Springs Valley, Washoe County, Nevada. Kautz Environmental Consultants, Inc.

An Archaeological Survey of a Portion of the St. James Development, Washoe County, Nevada. Submitted to World Properties/St. James's Village, Inc. (with P. Mires). Kautz Environmental Consultants, Inc., Reno, NV (KEC Project #68).

1997 *An Historic Properties Treatment Plan for the Washoe Canyon Segment of the Virginia & Truckee Railroad, Washoe County, Nevada.* (with P. Mires) Kautz Environmental Consultants, Inc., (KEC Project # 85).

An Historic Properties Treatment Plan for the St. James Development, Washoe county, Nevada. Kautz Environmental Consultants, Inc., (KEC Project # 83).

1999 *Town of Truckee, California: Architectural Inventory.* Historic District nomination of the commercial and early historic section of the town (with others, *final* submitted 2004).

Cultural Resources Inventory of the Somersett Development, Washoe County, Nevada. Report #3-1712, on file at the Nevada State Museum, Carson City.

2000 *A Report Concerning the Historic Significance of Various Properties on the North Side of Jibboom Street, Truckee, California.* Jibboom Street Properties, Truckee, CA.

2001 *The Peavine Mountain Logistical Zone: Short Term Occupation at Six Archaeological Sites in Washoe County, Nevada.* (with others), Somersett Development Company, Reno.

2002 *Reno Midblock Project: Truckee River Floodwall & Riverwalk.* Nevada Department of Transportation/Federal Highways, Carson City, Nevada.

2003 *A Cultural Resources Survey of 160 Acres South of Gardnerville, Douglas County, Nevada.* Prepared for the Bureau of Indian Affairs, Phoenix, AZ.

A Cultural Resources Inventory of 875 Acres, Susanville Indian Rancheria, Lassen County, California. Prepared for the Bureau of Indian Affairs, Sacramento, California.

Truckee River Shared Use Path: Downtown Riverfront Trails Enhancement - Arlington Avenue to Ralston Street Historic Resources Assessment. With Teri Christensen, Nevada Department of Transportation, Federal Highways, City of Reno.

Historic Resources Assessment for the Downtown Riverfront Trail Lighting Project, Wells Avenue to Lake Street. With Teri Christensen, Nevada Department of Transportation, Federal Highways, City of Reno.

2004 *A Cultural Resources Inventory of the Legend Trail Development, Washoe County, Nevada.* Legend Investments, Reno, Nevada.

Prehistoric South Meadows Archaeology I: Mitigation at Damonte Ranch (26Wa5577), Washoe County, Nevada. U.S. Army Corps of Engineers, Sacramento District.

Prehistoric South Meadows Archaeology II: Mitigation at Damonte Ranch (26Wa5722, 26Wa5725, and 26Wa5726), Washoe County, Nevada. City of Reno, Community Development.

An Historic Context of the Bald Mountain Historic Mining District, White Pine County, Nevada. (lead, with Dwight Simons and Monique Kimball) Placer Dome Mining Company. Submitted to the Ely, Nevada Field Office of the Bureau of Land Management.

The Austin to Yomba to Lone, Nevada, SBC Fiber Optic Cable Cultural Resources Survey. (with T. Christensen) Submitted to the Battle Mountain Field Office of the Bureau of Land Management.

A Cultural Resources Inventory of a 107 Acre Block for the Silver Arrow Bowmen, Washoe County, Nevada. Submitted to the Carson City Field Office of the Bureau of Land Management.

A Cultural Resources Inventory of 203 Acres for the Somerset Development, Washoe County, Nevada (with Dwight D. Simons). U.S. Army Corps of Engineers, Sacramento District.

2005 *A Cultural Resources Inventory of the Wild Stallion Development, Lakemont Parcel, in Golden Valley, Washoe County, Nevada.* (with Dwight D. Simons) U.S. Army Corps of Engineers, Sacramento District.

A Cultural Resources Inventory of the North Lemmon Valley Artificial Recharge Project, Heppner Subdivision, Washoe County, Nevada. (with Monique E. Kimball). for JBR Environmental Consultants, Inc., Reno, Nevada.

A Class III Archaeological Survey of the Pleasant Valley Interceptor Alignment, Washoe County, Nevada. (with Jared Andrus and Dwight D. Simons). Shaw Engineering, Reno, Nevada.

An Archaeological Survey of 65 Acres Located at Lake Almanor, Plumas County, California. U.S. Corps of Engineers, Sacramento District and CEQA compliance on private lands.

2006 *Carson City's "China Town," The Archaeology of Urban Nevada.* Volumes I and II (with Danielle Risse). State of Nevada Public Works Board, Carson City.

Architectural Inventory of Historic Neighborhoods in Sparks, Washoe County, Nevada. Volumes I and II (with Teri Morley and Monique Kimball). City of Sparks Community Development and Nevada State Historic Preservation Office.

A Cultural Resources Inventory of Silver Vista Village, Lemmon Valley, Washoe County, Nevada. (with Dwight Simons). KB Home Reno.

A Cultural Resources Inventory of Proposed Modifications to Donner Pass Road, Nevada County, California (with Dwight Simons). Town of Truckee, and U.S. Army Corps of Engineers, Sacramento District.

A Cultural Resources Inventory of the Porter Spring Section, Pershing County, Nevada. (with Dwight Simons). BLM Winnemucca District.

2007 *Cultural Resource Survey of the 722 Acre Phoenix Project Expansion, Lander County, Nevada.* (with Dwight Simons). BLM Battle Mountain Field Office.

A Cultural Resources Inventory for the Proposed Sun Valley Regional Park, Washoe County, Nevada. (with Dwight Simons) BLM Carson City Field Office.

Cultural Resources Inventory of Five Geothermal Exploration Drill Pads in Jersey Valley, Pershing County, Nevada. (with Dwight Simons) BLM Winnemucca Field Office.

A Cultural Resources Inventory Along the Truckee River Canyon, Near the Tracy Power Plant, Washoe County, Nevada. (with Danielle Risse and Dwight Simons). Sierra Pacific Power Company.