

ELIZABETH HUGHES

EDUCATION

*Bachelor of Arts,
Geology, Carleton
College, 1980*

*Master of Science,
Geology, University of
North Carolina, Chapel
Hill, 1985*

*Master of Science,
Counseling, California
State University,
Sacramento, 2006*

CERTIFICATIONS

*Parsons' Project
Management
Certification Program
(2008)*

EMPLOYMENT HISTORY

*Hughes Environmental
Consultants
Sacramento, CA 2013 to
present
President*

*ICF (acquired Jones &
Stokes)
San Francisco, CA, 2010
– 2013; Principal*

*Parsons
San Francisco, -
California, 2007 – 2010;
Project Manager*

*TY Lin
Sacramento, CA 2003 -*

EXPERIENCE SUMMARY

Ms. Elizabeth Hughes is a project manager with 30 years of experience. Since 1989, she has managed numerous projects involving the National Environmental Policy Act (NEPA) and the California Environmental Quality Act (CEQA) in northern California. Ms. Hughes' project experience includes water and natural gas pipelines, water and wastewater facilities, flood control and levee improvements, storm water detention facilities, roadway and interchange improvements, bridge rehabilitations and replacements, grade separations, bikeways, light rail transit, passenger rail, commuter rail, ski resort expansions, mining, community parks, and industrial plants. Ms. Hughes' responsibilities typically involve managing the preparation of technical reports and CEQA and NEPA documents and obtaining environmental permits. She has managed all aspects of environmental compliance, from project scoping to construction monitoring.

Recent Transportation Projects

The Capitol Corridor Joint Powers Authority (CCJPA) Roseville Third Main Track Project is to eventually complete the necessary improvements to allow an increase of up to 20 daily passenger trains for the Capitol Corridor service from its current two trains. An Environmental Impact Report (EIR)/Environmental Assessment (EA) will be prepared to comply with the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) for the proposed project. The EIR/EA is being led by Ms. Elizabeth Hughes, President of Hughes Environmental Consultants. Key environmental issues include adverse impacts to the American River Parkway, the American River, and the levees associated with a proposed new bridge crossing of the river. The construction of the new bridge may adversely affect aquatic species, wetlands and riparian habitat, and recreation along the American River Bicycle Trail. Other project issues may include socioeconomic impacts to existing neighborhoods, including impacts to environmental justice populations.

Levee widening may also affect businesses and existing park facilities along portions of the project.

<p>2007 Environmental Manager</p> <p>EMPLOYMENT HISTORY CONTINUED</p> <p><i>Hughes Environmental Consultants</i> Sacramento, CA 1992-2005 President</p> <p><i>ESA Sacramento, CA</i> 1996-1998 Director</p> <p><i>Dames & Moore</i> Sacramento, CA, 1988-1992 Principal-in-Charge</p> <p><i>SAIC</i> Las Vegas, NV 1986-1988 Staff Scientist</p> <p><i>USGS</i> Denver, CO and Reston, VA 1984-1986 Staff Scientist</p> <p><i>Various Mining Companies</i> Denver, CO 1981-1984 Exploration Geologist</p> <p>PROFESSIONAL AFFILIATIONS</p> <p><i>Women's Transportation Seminar (WTS), Awards and Scholarship Chair, San Francisco Bay Area Chapter (2009 – 2012)</i></p>	<p>CCJPA has been working with the Federal Railroad Administration (FRA) and Caltrans Division of Rail on project grant applications for the ARRA High Speed/Intercity Passenger Rail Program. Ms. Hughes is preparing NEPA Program-level Environmental Assessment (EA) to focus on impacts associated with Reno to San Jose Rail Improvements Program.</p> <p>Senior team manager and QA/QC reviewer for the review of the technical reports and EIR/EIS sections for the California High Speed Train (CAHST) EIR/EIS from San Jose to Merced Project. The proposed project has had many challenges, including public opposition, impacts to agricultural lands, sensitive species, and historical resources, and limited site access.</p> <p>Project manager responsible for the preparation of an EIR for the Regional Transit Light Rail MOS-1 Project, the southern-most portion of the Downtown-Natomas-Airport (DNA) Project. The MOS-1 Project extends light rail transit (LRT) service from downtown Sacramento to the Richards Redevelopment Area. The new LRT line, the Green Line, is a northern extension of the existing LRT Gold Line in downtown Sacramento. Ms. Hughes served a key role in keeping the project on schedule and under budget. The EIR was prepared and certified in nine months. The project went design-build and has been constructed.</p> <p>The Transportation Agency for Monterey County (TAMC) and the Federal Transit Administration (FTA) are lead agencies for an Environmental Impact Report (EIR) and Environmental Assessment (EA) for the Monterey Peninsula Light Rail Project. The project involves a Light Rail Transit service along the existing MBL rail right-of-way from Castroville to downtown Monterey. Ms. Hughes is preparing the EIR/EA to comply with the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA) for TAMC and FTA.</p> <p>Relevant Caltrans Projects</p> <p>Project manager for NEPA and CEQA environmental review of numerous roadway improvement and HBRR bridge replacement projects throughout central and northern California. These projects have been in Sacramento, Yolo, Contra Costa, Santa Clara, Mendocino, Plumas, Sierra, Napa, Nevada, Placer, San Luis Obispo, Solano, Stanislaus, Tuolumne, San Joaquin, and Fresno Counties. Biological (NES and BA) and cultural resource reports (ASR, HASR, HAER, Finding of Effect, and HPSR), Section 4(f),</p>
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and other technical reports as needed, were prepared for the projects in compliance with Caltrans requirements. CEQA and NEPA documents were prepared, and permits were obtained for most projects from various agencies, including the USFWS, NMFS, CDFG, ACOE, RWQCB, BCDC, Coastal Commission, and Coast Guard.

Caltrans District 03 – the following projects have all been constructed

- Project manager for the preparation of CEQA/NEPA environmental documents required for the I-80 Enterprise Boulevard Interchange Project in West Sacramento, California. This project involved road improvements, including widening the interchange and adjacent roadways, and on- and off-ramps for I-80. Key environmental issues included hazardous materials, noise, and socioeconomic impacts.
- Project manager for the CEQA and NEPA environmental documents, Caltrans technical reports, and for permits on the West El Camino Widening and Bridge Replacement Project to be constructed in the City of Sacramento.
- Assisted Yolo County in coordinating the CEQA and NEPA environmental clearance of three bridge replacement projects. These projects included County Road 99W Bridge at Cache Creek, County Road 22 Bridge at Tule Canal, and the County Road 89 Bridge at the South Fork of Willow Slough.
- Project manager for NEPA and CEQA environmental review, Caltrans technical reports, and permitting of the Glenshire Drive Bridge Replacement Project over the Truckee River for the Town of Truckee in California.
- Project manager for the CEQA environmental analysis of the Harbor Boulevard Expansion project in West Sacramento, California. The project area contained numerous hazardous waste sites, requiring excavation and cleanup. The environmental portion of the project was completed in less than ten months.
- Project manager for the Town of Truckee Roundabout and UPRR Undercrossing Project in Nevada County, California. Project responsibilities included public

involvement, coordinating with UPRR, preparing the CEQA document for the project, and coordinating with agency personnel concerning permits.

- Project manager for the Truckee Agricultural Inspection Station project environmental document. The project involved the construction of a new Agricultural Border Inspection Station at Truckee with six vehicle lanes and three truck lanes near the Interstate 80/Highway 267 interchange.

Caltrans District 02

- Managed the preparation of environmental documents for the seismic retrofit of seven bridges in Caltrans District 02 in Plumas County.
- Managed the EIR/EA documents for the Skyline Projects in District 02 in Susanville and County Road A-2 near the county line between Lassen and Modoc counties. Managed the preparation of the Preliminary Environmental Assessment Reports (PEAR) and Initial Site Assessments (ISA) for Project Study Reports (PSR) for the South Susanville/Richmond Road Project and the Skyline Road Extension Project. Project involved the evaluation of several alternatives for a new road to the south of the City of Susanville and an extension of the planned Skyline Road from State Highway 36 to Johnstonville Road. Also managed the environmental constraints study for the South Susanville Corridor Study and the NEPA reevaluation of the Skyline East Project.

Caltrans District 04

- Project manager for the Parkway Boulevard Grade Separation EIR/EA for the City of Dixon. Responsible for coordinating the preparation of Caltrans technical reports and preparing CEQA/NEPA documents for the controversial project. The project involves extending an existing roadway over a new bridge over the UPRR tracks to a new development in the City of Dixon. The project involves extensive public outreach program, assessing multiple alignment alternatives, coordination with UPRR, traffic analyses, coordination with adjacent developers, and preparation of an EIR/EA.

- Project manager for the CEQA and NEPA documents for the intersection of Highway 12 and 29 in Napa County. The project has been constructed.
- Project manager for the First Street Bridge over Napa River EIR/EA for the City of Napa. Responsible for coordinating the preparation of Caltrans technical reports, preparing CEQA/NEPA documents (EIR/EA), and obtaining environmental permits. The existing structure has been listed on the National Register of Historic Places. The project has been constructed.
- Project manager for the Somersville Road Bridge Replacement over the historic Contra Costa Canal in the City of Antioch in Contra Costa County. The project has been constructed.
- Project manager for two pedestrian overcrossing structures over freeways in the City of Sunnyvale in Santa Clara County. The projects have been constructed.

Caltrans District 05

- Project manager for the San Luis Bay Drive Widening Project, the Moonstone Bridge Replacement Project, and the Main Street Bridge Replacement Project for San Luis Obispo County. Responsible for preparation of Caltrans technical reports and CEQA/NEPA documents for the proposed project in San Luis Obispo. Project issues include Section 7 consultation for the red-legged frog and steelhead, the excavation of an archaeological site, the relocation of a bike trail, the Coastal Commission permitting process, and visual impacts. These projects have been constructed.

Caltrans District 10

- Managed the preparation of environmental documents for the seismic retrofit of the Middle Bar historic bridge in Caltrans District 10 in Calaveras County.
- Prepared the environmental section of several Project Study Reports for roadway improvement projects in Amador and Calaveras Counties.
- Project manager for NEPA and CEQA environmental

review, Caltrans technical reports, and permitting of the Fiddletown Bridge Replacement Project in Amador County, California. The project has been constructed.

- Project manager for the preparation of a Preliminary Environmental Assessment Report (PEAR) for the Project Study Report (PSR) and a mitigated negative declaration (MND) for the Mitchell Road/State Route 99 and the Whitmore Road Overhead Widening/State Route 99 projects in Ceres, California. The PEARs will identify potential environmental issues related to the proposed interchange alternatives and will conclude with a recommendation for the appropriate environmental document to comply with CEQA and a discussion of the permitting requirements for the projects. A MND is also being prepared to address modifications to the Mitchell Road Specific Plan.

Development Projects

Project manager for CEQA environmental review of the Westborough Residential Development Project in North Natomas for the City of Sacramento. Key issues included on-site flood control to avoid downstream flooding, traffic impacts, impacts the historic RD 1000 drainage system, and impacts to wetlands and other biological resources.

Project manager for CEQA environmental review of the South Natomas Community Center Project for the City of Sacramento. Key issues included traffic and parking impacts to the existing residential neighborhood and impacts to valley oak trees, wetlands, and other biological resources.

Project Manager for the Haggin Oaks Golf Course Restoration and Bridge Replacement Project for the City of Sacramento. The project involves the construction of a detention basin to alleviate downstream flooding along Arcade Creek, the reconstruction of several tees, greens, and fairways, and the replacement of all of the bridge on Arcade Creek. The new bridges will span the creek and will be constructed above the 100-year floodplain.

Project manager for the EIR on the CAL-EPA building constructed adjacent to City Hall in the City of Sacramento. The project involved close coordination between City Departments and the State of California, Office of Planning Development (OPDM). Key issues include traffic, parking, air quality, and aesthetics.

Project manager for CEQA environmental review of the Marconi Park/Storm Water Detention Basin for City of Sacramento. Key issues included avoidance of vernal pools, valley oak trees, and elderberry shrubs. Project manager for the Bill Graham Presents Amphitheatre Environmental Impact Report (EIR) in Placer County. Key environmental issues included air quality and noise impacts, traffic impacts, biological resources, and public service impacts.

Project director for the Sunset Industrial Area Plan EIR in the western portion of Placer County. The Sunset Industrial Area Plan consisted of improving existing conditions and constraints in order to promote industrial and commercial development in the 9,000-acre plan area. The proposed project also consisted of assisting the County in the development of a habitat conservation plan.

Project manager for the Northstar-at-Tahoe North Lookout Mountain Ski Pod EIR for the expansion of advanced ski terrain on North Lookout Mountain at the Northstar resort. The project included the installation of two new ski lifts, five new ski trails, and an access road. The main issues addressed in the EIR included traffic and circulation, visual/aesthetics, biological resources, air quality, noise, and archaeological/historical.

Project manager for the Dark Horse Development EIR in Nevada County. Key environmental issues included hydrology, agricultural lands, archaeological resources, air quality and noise impacts, traffic impacts, biological resources, and public service impacts.

Project director for the Promontory Specific Plan EIR in the unincorporated community of El Dorado Hills of El Dorado County. The Promontory Specific Plan consisted of a 999-acre project site that was proposed to be a mixed-use development consisting of residential, commercial, and open space uses. Key environmental issues included land use compatibility, traffic, public service effects, and impacts to the City of Folsom.

Project manager for CEQA environmental review of the South Natomas Community Center Project for City of Sacramento. Key issues included traffic and parking impacts to the existing residential neighborhood and impacts to valley oak trees, wetlands, and other biological resources.

Project manager for CEQA environmental review of the Sacramento Northern Railroad Bikeway Improvements Project and the biological assessment of the 20th Street Bikeway Project for the City of Sacramento.

WATER/WASTEWATER – the following projects have all been constructed

Project manager for the CEQA environmental analysis of the Water Pollution Control Plant Expansion Projects for the Cities of Davis, Vacaville, Colfax, and Lodi in California. The projects have all been constructed.

PIPELINE PROJECTS – the following projects have all been constructed

Environmental Compliance Manager for the Sacramento Municipal Utility District's (SMUD) Natural Gas Pipeline, a 63-mile pipeline extending from the eastern base of the Coastal Ranges to south Sacramento. Primary responsibilities included managing a team of biological, archaeological, and paleontological monitors during construction of the pipeline along three different pipeline spreads being constructed simultaneously. Ms. Hughes' other duties included coordinating with the regulatory agency compliance staff, construction inspectors and SMUD staff, and conducting environmental training of construction personnel.

Reclamation Task Manager for the Kern River Natural Gas Pipeline Project from California to Wyoming. Primary responsibilities included Bureau of Land Management (BLM) agency coordination, coordination of construction monitoring activities (special status species (i.e., desert tortoise) and archaeological resources), budget and schedule tracking, and other project management tasks involved in the implementation of reclamation and habitat restoration plans.

Project manager on the Transwestern Natural Gas Pipeline Interconnection Project for ENRON in Arizona and the Mohave Desert in California. Primary responsibilities included preparing NEPA and CEQA environmental documents for the State Lands Commission and the BLM and coordinating construction monitoring activities during construction of the project. The project involved directional drilling the Colorado River. The project was successfully permitted and constructed in less than six months.

	<p>Project manager on the El Paso Natural Gas Pipeline Rio Vista to Chaco Overcrossing Project in the New Mexico desert. Primary responsibilities include preparing NEPA and CEQA environmental documents for the BLM and the Bureau of Indian Affairs (BIA). The project has been constructed.</p> <p>Project manager on the Transwestern Pipeline Company's Topock Lateral Expansion Natural Gas Pipeline Project for ENRON in the Arizona and the California Mojave Desert. Primary responsibilities include preparing environmental reports for a Certificate of Public Convenience and Necessity from the Federal Energy Regulatory Commission (FERC). The project has been constructed.</p>
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