

APPENDIX M

Resumes of Key EIR Personnel

BOBBETTE BIDDULPH, B.S., SENIOR ENVIRONMENTAL PLANNER

Ms. Biddulph is an environmental consultant with a diverse professional background throughout California. She has a deep knowledge of the California Environmental Quality Act (CEQA). Ms. Biddulph balances competing objectives throughout the planning process, providing clients sophisticated insight and guidance to inform decision-making. Ms. Biddulph’s experience with planning, environmental documentation, and compliance spans a myriad of project types, from the small and focused to the large, complex, and controversial. She specializes in the management of large multidisciplinary environmental contracts and projects. With a degree in City and Regional Planning, Ms. Biddulph’s academic training provides a necessary foundation to provide a range of services to public and private clients.

SELECTED PROJECT EXPERIENCE (* denotes project experience prior to SWCA)

YEARS OF EXPERIENCE

28

EXPERTISE

CEQA Compliance

Project Management

City and Regional Planning

Entitlement Processing and Permitting

EDUCATION

B.S., City and Regional Planning;
California Polytechnic State University,
San Luis Obispo; 1992

AWARDS / HONORS

PG&E Topock Compressor Station Soil Investigation Project Final EIR, Merit Award, AEP

North Torrey Pines Bridge Seismic Retrofit, Best Available Environmental Technology, first place, NAEP

Caltrans District 11 Headquarters EIR, Award of Excellence, ASCE

Milpitas Midtown Specific Plan and EIR; first place, Small Jurisdiction, Northern Section APA

Tuolumne River Regional Park Master Plan and EIR; Outstanding Environmental Resource Document, Large Jurisdiction, second place, AEP

MEMBERSHIPS

Member, Association of Environmental Professionals

La Brea Tar Pits Master Plan EIR; Los Angeles County Natural History Museum; Los Angeles County, California. SWCA is preparing an EIR addressing the environmental impacts of significant improvements to this iconic site in central Los Angeles. Significant development has occurred in the project vicinity in recent years (e.g., at the adjacent LA County Museum of Art and with the LA Metro), and the EIR and approach to construction phasing will be highly scrutinized. In addition to leading the EIR process, SWCA is assisting with the public engagement process. The conceptual master plan was recently developed by the Natural History Museum for the future development and enhancement of the La Brea Tar Pits site. The master plan includes the existing museum and Hancock Park and seeks to unify the critical research sites, buildings, exhibition space, and the park with an inspiring new identity. *Role: Senior Project Manager.*

As-Needed Environmental Assessment and Air Quality Services; Los Angeles Department of Water and Power (LADWP); Los Angeles, California. Providing as-needed consultant environmental consultant support, including specialized monitoring and technical studies for the maintenance and development of water and power facilities. *Role: Contract Manager.*

Pacific Industrial IS/MND; City of Santa Clarita; Los Angeles County, California. SWCA is preparing the IS/MND for the proposed Pacific Industrial Warehouse project. The IS/MND evaluates the environmental effects of the project, which includes the construction and operation of a 174,000-square-foot industrial warehouse building and associated site improvements on a 12.84-acre property. In addition, SWCA provided technical peer reviews of the Applicant-prepared technical reports, including biological resources and cultural resources. SWCA is managing potential stakeholder concerns through close coordination with the City and clearly addressing the areas of controversy through the environmental document. *Role: Project Manager.*

City of San Luis Obispo As-Needed Planning and Environmental Services Contract; City of San Luis Obispo; San Luis Obispo County, California. SWCA holds an as-needed environmental and CEQA services contract with the City of San Luis Obispo. SWCA supplements City of San Luis Obispo staff by providing full-service planning and environmental review services for specific plans and amendments, general plan and zoning amendments, and development projects, including commercial, redevelopment, and residential projects. *Role: Project Manager/Environmental Planner.*

East Niles Community Services District; MKN Associates; Kern County, California. SWCA has been assisting MKN Associates with CEQA compliance for many public water utility projects, including construction of pipelines, new water tanks and pump stations, and filtration systems. *Role: Project and Contract Manager.*

***Santa Susana Field Laboratory EIR; California Department of Toxic Substances Control; Ventura County, California.** The Santa Susana Field Laboratory is a former rocket engine test, nuclear, and liquid metals research facility located on a 2,849-acre site in the Simi Hills. The use of hazardous substances at the field laboratory such as trichloroethylene and other solvents, heavy metals, and radioactive material has resulted in soil and/or groundwater contamination. The field laboratory is currently the focus of a comprehensive environmental investigation and cleanup program, conducted by Boeing, the United States Department of Energy and the National Aeronautics and Space Administration, and overseen by the Department of Toxic Substances Control. *Role: Senior CEQA Specialist.*

***Riverside County State Vehicular Recreation Area Planning and Environmental Studies; County of Riverside and State Department of Parks and Recreation and Riverside County; Riverside County, California.** Ms. Biddulph worked with the County of Riverside and the State Parks in planning for a state vehicular recreation area for OHV and multiuse trails. The project included a comprehensive advisory committee and community involvement process, which addressed the interests of the local environmental community, City of Beaumont, CDFG, USFWS, County of Riverside, State Parks, and members of the OHV community. *Role: Project Manager.*

***As-Needed CEQA Support, Resource Monitoring and Biological Restoration Services Contract; County of San Diego Department of Parks and Recreation; California.** On-call services for task orders related to development of County park facilities and trails. These projects included a range of tasks including biological and cultural resources inventory surveys, long-term species monitoring, vegetation management and public access plans, and CEQA documents for recreational projects. *Principal-in-charge and Senior CEQA Lead.*

***Encinitas Hall Property Community Park EIR; City of Encinitas; Encinitas, California.** The Hall Property Community Park was proposed and developed by the City of Encinitas on a 43-acre site adjacent to Interstate 5. The park includes two full-sized baseball fields and a third smaller baseball field in the southern portion of the project site. Lighting was proposed and ultimately developed for the baseball fields to facilitate nighttime play. The park also provides soccer fields, an aquatic center, skate park, teen center, dog park, and additional recreation facilities for varied experiences. The environmental process was highly scrutinized by the community, due to the prominence of the project and adjacency issues that result from nearby single-family residential uses. Because the detailed engineering and design of the park was not yet developed at the time of CEQA analysis, the EIR provided a flexible and performance-based approach to many of the potential environmental issues. The EIR withstood challenge in court. *Role: Ms. Biddulph led the preparation of the technical studies and the EIR for this landmark City project.*

***Owens Lake Master Project EIR; City of Los Angeles Department of Water and Power; Inyo County, California.** Owens Lake has been known as the largest source of particulate-matter pollution in the United States because of historic water diversions from Owens Valley. To address dust control and public values, the Los Angeles Department of Water and Power initiated a stakeholder-driven process to define an integrated land use, resource management, and public use vision that will result in a Master Project to manage and enhance Owens Lake. To be ratified as the vision for Owens Lake, the Master Project must be adopted by the California State Lands Commission and evaluated under CEQA and the Public Trust doctrine. *Role: Project Director.*

***Oceanside Coast Highway Corridor Study and EIR; City of Oceanside; Oceanside, California.** This project was managed jointly by the Oceanside Planning and Engineering departments between 2016 and 2019. In 2009, the City adopted the Coast Highway Vision and Strategic Plan, which calls for complete street improvements and zoning incentives to create a vibrant, pedestrian-oriented mixed-use environment within the Coast Highway corridor. As part of the effort to implement the Vision Plan, the City initiated the Coast Highway Corridor Study, which included a program EIR that considers potential environmental impacts associated with complete street improvements and optional zoning standards. The project established a preferred "Road Diet" alternative and an implementation plan to achieve it. The EIR was a hybrid EIR, analyzing the zoning standards at a program-level and providing more detailed review of the public right-of-way improvements. *Role: Project Manager.*

JOHN DIETLER, PH.D., RPA, PRINCIPAL-IN-CHARGE

Dr. Dietler is the Vice President of the Southern California and Pacific Islands subregion, as well as a cultural resources Principal Investigator. He serves as principal-in-charge of large, multidisciplinary, and on-call contracts for major municipalities, utilities, and federal departments., ensuring the timely delivery of high quality, legally compliant CEQA and cultural, natural, and paleontological resources analyses. As a cultural resources subject matter expert, Dr. Dietler is responsible for creating innovative research, mentoring staff, and providing QA/QC for technical studies. He has conducted extensive archaeological research in support of development, infrastructure, and multidisciplinary environmental projects in compliance with CEQA and Section 106 of the National Historic Preservation Act. A versatile consultant who has supervised research projects of all sizes and descriptions, Dr. Dietler has served as subject matter expert for over 150 projects throughout the west. He has managed large on-call contracts with His extensive experience enables him to produce legally compliant, industry-leading research within limited budgets and timeframes.

YEARS OF EXPERIENCE

27

EXPERTISE

Contract management

Cultural resources management

California history and archaeology

Historic preservation

NHPA Section 106 and 110

CEQA/NEPA

Native American and NAGPRA
Consultation

EDUCATION

Ph.D., Anthropology, e: Archaeology;
University of California - Los Angeles;
2008

M.A., Anthropology, e: Archaeology;
University of California - Los Angeles;
2003

B.A. magna cum laude, Anthropology, e:
Archaeology, m: Geology; George
Washington University, Washington
D.C.; 1996

REGISTRATIONS / CERTIFICATIONS

Registered Prof. Archaeologist No.
15224; 2003

Exceeds the U.S. Secretary of Interior's
Professional Qualifications Standards for
prehistoric archaeologist

SELECTED PROJECT EXPERIENCE

La Brea Tar Pits Master Plan EIR; Los Angeles County Natural History Museum; Los Angeles County, California. SWCA is preparing an EIR addressing the environmental impacts of significant improvements to this iconic site in central Los Angeles. Significant development has occurred in the project vicinity in recent years (e.g., at the adjacent LA County Museum of Art and with the LA Metro), and the EIR and approach to construction phasing will be highly scrutinized. In addition to leading the EIR process, SWCA is assisting with the public engagement process. The conceptual master plan was recently developed by the Natural History Museum for the future development and enhancement of the La Brea Tar Pits site. The master plan includes the existing museum and Hancock Park and seeks to unify the critical research sites, buildings, exhibition space, and the park with an inspiring new identity. *Role: Senior Principal-in-charge.*

Los Angeles County Natural History Museum Commons Project; Los Angeles County Natural History Museum; Los Angeles, California. SWCA prepared a California Environmental Quality Act (CEQA) Class 32 Infill Exemption for the demolition of the existing Jean Delacour Auditorium, interior improvements, and construction of an addition to the Los Angeles County Natural History Museum. The CEQA analysis included Air Quality, Biology, Archaeology, Architectural History, Paleontology, and Traffic studies. *Role: Principal-in-charge.*

LA Plaza de Cultura y Artes EIR Addendum; LA Plaza Foundation; City and County of Los Angeles, California. Across seven contracts, SWCA provided expert CEQA and cultural resources consultation for the LA Plaza de Cultura y Artes campus, in compliance with state and federal laws including Section 106 of the NHPA, the Native American Graves Protection and Repatriation Act (NAGPRA), NEPA, and CEQA. Services provided to date included archaeological laboratory analysis, treatment and reburial of human remains, historical research, Native American and other interested party consultation, expert witness services, archaeological testing and data recovery, archaeological and Native American monitoring, technical reports, a Historic Properties Management Plan, an update to the Los Angeles Plaza Historic District National Register of Historic Places District nomination, and two Addenda EIR. SWCA provided technical expertise and consultation at the highest level, ensuring compliance and

allowing numerous phases of the project to come to successful conclusions. *Role: Lead Consultant, Principal Investigator, and Project Manager, and Principal-in-charge.*

LA Plaza Cultura Village Project EIR; Terry A. Hayes Associates; Los Angeles County, California. The LA Plaza Cultura Foundation (Foundation) engaged SWCA, via a small business prime, to perform technical analyses supporting an environmental impact report (EIR) under CEQA and appropriate documentation under NEPA to analyze the environmental impacts of the Foundation's proposed development of LA Plaza Cultura Village, an approximately 425,000 square foot mixed-use project located on two County of Los Angeles owned parcels in downtown Los Angeles that had long been surface parking lots. Our cultural resources study identified a large and significant archaeological deposit beneath the parking lots dating from the 1880s, and SWCA prepared a mitigation and monitoring plan to record and mitigate impacts to this important resource. *Role: Project Manager, Principal Investigator.*

SCAG 2020 RTP/SCS Program Environmental Impact Report; Impact Sciences, Inc.; Multiple Counties, California. SWCA was retained by Impact Sciences to provide environmental services in support of the Southern California Association of Governments (SCAG) Program Environmental Impact Report (PEIR) for the 2020 Regional Transportation Plan (RTP)/Sustainable Communities Strategy (SCS) (RTP/SCS) in accordance with environmental compliance procedures under federal metropolitan planning law and regulations, the California Environmental Quality Act (CEQA) statutes and guidelines, and other relevant federal and state environmental laws and regulations. SWCA is conducting biological, cultural, and paleontological resources studies in support of the 2020 RTP/SCS PEIR. *Role: Principal Investigator.*

San Bernardino Web-based Countywide General Plan and Environmental Impact Report; PlaceWorks; San Bernardino County, California. SWCA is currently conducting cultural and paleontological resources studies supporting Placeworks in their development of a Web-based Countywide Plan and preparation of a Program EIR for the County of San Bernardino. SWCA is providing Native American consultation support, conducting records searches for cultural and paleontological resources to summarize the existing conditions and inform a sensitivity analysis for the plan area, which includes Community Plan Area within unincorporated portions of San Bernardino County. *Role: Cultural Resources Specialist.*

Valentine Environmental Impact Report; Provost & Pritchard Consulting Group; Kern County, California. SWCA was retained first by Provost & Pritchard Consulting Group, and later directly by EDF RE, to provide biological, cultural, and paleontological resources services in support of the Valentine Solar Project located on 2,000 acres in Kern County, California. SWCA's primary efforts were to provide a Biological Constraints Analysis (BCA) of the project area, which was used to refine the preliminary design of the project. Following preparation of the BCA, SWCA conducted full technical studies for biological, cultural, and paleontological field surveys to support the preparation of an Environmental Impact Report (EIR) and other permitting requirements. Natural resources studies conducted include surveys for nesting birds, burrowing owls, desert tortoise, special-status plants, vegetation communities, and jurisdictional waters. *Role: Cultural Resources Specialist. Managed project and provided research direction and QA/QC for all cultural resources deliverables.*

ACE - San Gabriel Trench; San Gabriel Valley Council of Governments; San Gabriel, Los Angeles County, California. SWCA conducted surveys and technical studies on botanical and wildlife resources and prepared Environmental Impact Report sections for compliance with state and federal statutes, particularly CEQA and NEPA, for review by Caltrans, the lead agency. Over nearly a decade, SWCA conducted a cultural resources project of unmatched scale and complexity. The scope of work included technical studies and prepared Environmental Impact Report sections for compliance with state and federal statutes, particularly CEQA and NEPA, for review by Caltrans, the lead agency. Cultural resources work included archaeological and architectural history surveys and evaluation studies, which were prepared in compliance with Section 106 of the NHPA and Caltrans standards. SWCA oversaw mitigation for adverse effects to the National Register of Historic Places (NRHP) and California Register of Historical Resources (CRHR) listed San Gabriel Mission site. These included a Phase I survey, extended Phase I (XPI) testing, Phase II NRHP evaluation, multiple Phase III archaeological data recoveries, as well as the preparation of HABS and HAER documentation, and the nomination of the mission as a National Historic Landmark. The project's results were disseminated broadly, including through numerous publications for professional and public audiences. *Role: Principal Investigator. Oversaw all cultural resources work for the project. Senior author or quality control officer for all key planning documents and technical reports.*

SHANNON PAGAN, B.A., ENVIRONMENTAL PLANNER

Ms. Pagan is an environmental planner with experience preparing and managing environmental documents for projects subject to compliance with the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA). She has contributed to a wide range of projects with varying levels of complexity, including authoring numerous sections of environmental impact reports (EIRs) as well as initial studies (ISs) and mitigated negative declarations (MNDs) for agency, utility, and land development clients in California. Ms. Pagan is skilled at providing comprehensive analyses tailored to fit each project.

YEARS OF EXPERIENCE

8

EXPERTISE

CEQA compliance
 Environmental planning
 Project management assistance

EDUCATION

B.A., Geography; Urban and Regional Analysis Emphasis; San Diego State University; 2007

TRAINING

Advanced CEQA Workshop, Association of Environmental Professionals; March 2022

SELECTED PROJECT EXPERIENCE (* denotes project experience prior to SWCA)

La Brea Tar Pits Master Plan EIR; Los Angeles County Natural History Museum; Los Angeles County, California. SWCA is preparing an EIR addressing the environmental impacts of significant improvements to this iconic site in central Los Angeles. Significant development has occurred in the project vicinity in recent years (e.g., at the adjacent LA County Museum of Art and with the LA Metro), and the EIR and approach to construction phasing will be highly scrutinized. In addition to leading the EIR process, SWCA is assisting with the public engagement process. The conceptual master plan was recently developed by the Natural History Museum for the future development and enhancement of the La Brea Tar Pits site. The master plan includes the existing museum and Hancock Park and seeks to unify the critical research sites, buildings, exhibition space, and the park with an inspiring new identity. *Role: Planning Specialist. Primary author for aesthetics, geology and soils; hazards and hazardous materials; hydrology and water quality, land use and planning, recreation, transportation, and project alternatives.*

Richards Ranch EIR; City of Santa Maria; Santa Barbara County, California. SWCA is preparing an EIR for the Richards Ranch project, which includes the annexation of 43.75 acres located within Santa Barbara County into the city of Santa Maria. The project

site is currently identified as Key Site 26 in the County of Santa Barbara Orcutt Community Plan. The project proposes a mix of high-density residential uses, retail commercial, and mini-storage. *Role: Planning Specialist. Section author for project description, aesthetics, public services and recreation, and project alternatives.*

East Niles Community Services District; MKN Associates; Bakersfield, Kern County, California. SWCA has been assisting MKN Associates with CEQA compliance for many public water utility projects, including construction of new water tanks and pump stations, installation of filtration systems, and pipeline construction. *Role: Planning Specialist. Primary author of IS/MND for the College-Fairfax to Country Club Improvements Project. Coordination of in-house biological resources analysis and determination of compliance with the Metropolitan Bakersfield Habitat Conservation Plan.*

***La Mesa General Plan Program EIR; City of La Mesa; La Mesa, California.** The City of La Mesa prepared a general plan update to strengthen policies that preserve neighborhoods and promote infill development opportunities in the City of La Mesa’s commercial areas and along transit corridors. A program EIR was prepared to address the environmental impacts associated with implementing the general plan. *Role: Assistant Project Manager and Section Author. Authored several EIR sections. Provided project budget maintenance, project scheduling, client relations, internal staff coordination, and document delivery.*

***San Marcos General Plan Update and Program EIR; City of San Marcos; San Marcos, California.** The City of San Marcos prepared a comprehensive general plan update to clarify a long-range vision, establish policy guidelines for addressing growth and development, and maintain the desirable qualities of the City of San Marcos. This project involved extensive public outreach and stakeholder coordination to develop a comprehensive update to reflect the vision of the community. Development of the general plan included working closely with the City of San Marcos to update general plan elements and revise and create new goals and policies and implementation

programs. Lastly, a program EIR was prepared to address the environmental impacts associated with implementing the general plan.

Role: Community Outreach Facilitator for all public meetings associated with the general plan development. Coauthor of general plan and Section Author for the EIR.

***2050 Regional Transportation Plan and Sustainable Communities Strategy EIR; San Diego Association of Governments; San Diego, California.** The San Diego Association of Governments prepared the 2050 Regional Transportation Plan and Sustainable Communities Strategy (SCS), which provides a plan for investing local, state, and federal transportation funds expected to come into the San Diego region over the next 40 years. The SCS details how the region will reduce greenhouse gas emissions to state-mandated levels over time. The inclusion of the SCS is required by Senate Bill 375, and the San Diego region is the first in California to produce a regional transportation plan with an SCS. The accompanying program EIR prepared for this plan was complex and examined both transportation network improvements and the regional growth and land use changes forecasted. Due to the long-term nature of the plan, future conditions and impact analyses were provided for three target years: 2020, 2035, and 2050. *Role: Assistant Project Manager. Provided project scheduling, client and attorney relations, internal staff coordination, and document delivery at all stages of the project. Reviewed and revised EIR sections. Organized and authored response to comments on draft EIR.*

***On-Call Biological Services Contract for Utility and Infrastructure Projects; San Diego Gas and Electric; San Diego, California.** Ongoing on-call biological evaluation services were provided to SDG&E for transmission poles and accompanying infrastructure identified for maintenance or replacement activities. *Role: Assistant Project Manager focused on task project budgeting and invoicing support. Report writing assistance and field support provided to biologists as needed.*

***On-Call Environmental Consulting Services Contract for Downtown San Diego Redevelopment Projects; former City Centre Development Corporation (CCDC); San Diego, California.** On-call environmental consulting services were provided to CCDC for various redevelopment projects occurring within the Downtown San Diego area, including high-density residential, retail/commercial, historical restoration, and public facility projects. *Role: Assistant Project Manager and Primary Author of focused environmental evaluations used to comply with CEQA review and project approval. Provided project budget maintenance, project scheduling, client relations, internal staff coordination, and document delivery.*

***San Elijo Lagoon Restoration Project EIR/Environmental Impact Statement; San Elijo Lagoon Conservancy; Encinitas, California.** The San Elijo Lagoon Restoration Project involved the enhancement and restoration of the biological functions and values of the San Elijo Lagoon Ecological Reserve, located in city of Encinitas in San Diego County. The San Elijo Lagoon Conservancy administered a joint EIR/environmental impact statement for the U.S. Army Corps of Engineers and County of San Diego Department of Parks and Recreation. *Role: Assistant Project Manager and Section Author. Authored several EIR/environmental impact statement sections. Provided project budget maintenance, project scheduling, client and stakeholder relations, internal staff coordination, and document delivery.*

***Regional Beach Sand Project II Environmental Assessment/Final EIR; San Diego Association of Governments; San Diego, California.** The San Diego Association of Governments and the U.S. Army Corps of Engineers placed 1.5 million cubic yards of beach quality sand on regional beaches to help address the erosional nature of the San Diego coastline. A joint Environmental Assessment/Final EIR was prepared to address the potential environmental consequences associated with dredging and placement of sand on numerous potential receiver sites in the San Diego region. *Role: Section Author and Permitting Support. Authored several EIR/EA sections. Prepared applications and supplemental information necessary to obtain permits from various jurisdictions and resource agencies.*

***Wood to Steel Pole Replacements Focused Environmental Impact Assessments; San Diego Gas and Electric; San Diego, California.** SDG&E conducted major wood-to-steel projects to replace thousands of power poles with fire resistant steel poles throughout its service area in areas identified as susceptible to fire damage in the event of a wildland fire. Focused environmental assessments were prepared following a modified version of CEQA Appendix G guidelines to assess impacts related to implementing these utility improvements. *Role: Planning Specialist. Primary Author of environmental impact assessments for three separate transmission lines (tie lines) in eastern San Diego County.*

CHRIS MILLINGTON, M.A., RPA, SENIOR ARCHAEOLOGIST

Mr. Millington is a principal investigator in SWCA's Pasadena, California, office with 18 years of experience in cultural resources management. His responsibilities include technical oversight, research, project management, agency coordination, authoring cultural resources reports, analyzing spatial data, map production, and graphics. Across his entire career, Mr. Millington has contributed to over 300 compliance-driven projects with SWCA in eight states across the western United States. In the last 13 years, he has focused on projects and research predominantly within his native Southern California, including both rural and urban settings. Mr. Millington has developed expertise in CEQA compliance, urban archaeology, and Los Angeles history. He has overseen more than a dozen task orders for the City of Los Angeles Bureau of Engineering, served as a project manager and lead archaeologist for over 100 tasks orders supporting various Southern California Edison maintenance and construction projects across southern California, and since 2017, prepared CEQA technical studies over for over 60 individual projects within the City of Los Angeles. He regularly collaborates with engineers, construction crews, planners, and attorneys, on both the private and public sides, and is experienced in responding to mid-stream project design changes, public scrutiny, and unanticipated budget and schedule adjustments. Mr. Millington has extensive experience supporting public agencies for tribal consultation under Assembly Bill 52 (AB 52) and regularly conducts desktop sensitivity assessments for archaeological and tribal cultural resources.

YEARS OF EXPERIENCE

18

EXPERTISE

Los Angeles history

CEQA

Tribal consultation, AB 52 compliance

National Historic Preservation Act

National Environmental Policy Act

EDUCATION

M.A., Archaeology; University of New Mexico; 2006

B.A., Anthropology, e: Archaeology, m: Religious Studies; University of New Mexico; 2004

A.A., Liberal Arts; Long Beach City College; 2002

REGISTRATIONS / CERTIFICATIONS

Registered Professional Archaeologist
No. 32790536

PERMITS

U.S. Bureau of Land Management
Cultural Resource Use Permit (CA-20-28), Principal Investigator; California

SELECTED PROJECT EXPERIENCE

La Brea Tar Pits Master Plan EIR; Los Angeles County Natural History Museum; Los Angeles County, California. SWCA is preparing an EIR addressing the environmental impacts of significant improvements to this iconic site in central Los Angeles. Significant development has occurred in the project vicinity in recent years (e.g., at the adjacent LA County Museum of Art and with the LA Metro), and the EIR and approach to construction phasing will be highly scrutinized. In addition to leading the EIR process, SWCA is assisting with the public engagement process. The conceptual master plan was recently developed by the Natural History Museum for the future development and enhancement of the La Brea Tar Pits site. The master plan includes the existing museum and Hancock Park and seeks to unify the critical research sites, buildings, exhibition space, and the park with an inspiring new identity. *Role: Cultural Resources Specialist.*

Natural History Museum of Los Angeles County, Center for History and Culture Project; Los Angeles County Museum of Natural History; Los Angeles County, California. To facilitate the demolition of the existing Jean Delacour Auditorium and construction of an addition to the Los Angeles County Natural History Museum, SWCA analyzed environmental review options under CEQA and recommended a Class 32 Infill Exemption as the most cost- and time-efficient document. SWCA is currently completing the Class 32 Infill Exemption, and previously prepared the archaeological, paleontological, transportation, and historic preservation supporting technical studies. *Role: Senior Archaeologist. Oversaw assessment of archaeological resources, conducted historical research, produced maps/graphics and performed GIS analysis, and authored technical report.*

LA Plaza de Cultura y Artes; Los Angeles, Los Angeles County, California. Across seven contracts, three directly with the County of Los Angeles, SWCA provided expert cultural resources consultation for the LA Plaza de Cultura y Artes campus, in compliance with state and federal laws including Section 106 of the NHPA, the Native

American Graves Protection and Repatriation Act (NAGPRA), NEPA, and CEQA. Services provided to date included archaeological

laboratory analysis, treatment and reburial of human remains, historical research, Native American and other interested party consultation, expert witness services, archaeological testing and data recovery, archaeological and Native American monitoring, technical reports, a Historic Properties Management Plan, an update to the Los Angeles Plaza Historic District National Register of Historic Places District nomination, and an Addendum EIR. SWCA provided technical expertise and consultation, ensuring compliance and allowing numerous phases of the project to come to successful conclusions. Role: Project Archaeologist. Supervised fieldwork, spatial data management and analysis, research, and reporting QA/QC.

Archaeological and/or Tribal Cultural Resource Technical Studies for CEQA Compliance; Multiple Clients; City of Los Angeles, California. SWCA has prepared technical reports assessing archaeological and/or tribal cultural resources on multiple land development projects within the City of Los Angeles. The projects include mixed-use developments in the Mid-City area, multi-family residential developments in suburban neighborhoods, construction of high-rise towers in Downtown Los Angeles, and single-family home remodeling projects. The technical studies were conducted by SWCA to inform various types of regulatory compliance documents, primarily pursuant to the California Environmental Quality Act (CEQA), but also supporting due diligence efforts where a project was found to meet CEQA exemption criteria. Each of the technical studies included archival research, ethnographic literature review, searches of the California Historical Resources Information System and Sacred Lands File search, and geoarchaeological assessments. *Role: Principal Investigator, Author/Co-Author, and Project Manager.*

Sample Project List within the City of Los Angeles:

- 1001 Olympic Boulevard
- 1024 Mateo
- 10850 Riverside Drive
- 1330 West Pico Boulevard
- 17346 Sunset Project
- 1855-1871 South Westwood Boulevard
- 2110 Bay Street
- 222 West 2nd Street
- 216-234 Pico Boulevard
- 2800 Casitas Loft
- 2859 Coldwater Canyon Drive
- 2900 Wilshire Boulevard
- 3rd and Fairfax
- 350 S Figueroa
- 3600 Wilshire Boulevard
- 4850 Hollywood Boulevard
- 4882-4888 Lankershim Boulevard
- 520 Mateo Street
- 5407 Wilshire Boulevard
- 5th and Hill
- 6733 Sepulveda Residential
- 6834-6838 North Baird Avenue
- Arts District Center
- Culver City Transfer Station
- Korean American National Museum
- Marquette Residential Development
- Olympic Tower
- Southern California Flower Market
- Venice Place
- Victory Boulevard

Secondary Sewer Renewal Program (SSRP) N11 7th Street and Valencia Street Cultural Resources Assessment (W.O. SZC13161); Los Angeles Department of Public Works (LADPW), Bureau of Engineering (BOE); Los Angeles County, California. LADPW BOE awarded SWCA with a task order to prepare an archaeological and paleontological assessment in support of an SSRP in a commercial and residential portion of the downtown Los Angeles area. The task included background research and records searches to identify any existing archaeological or paleontological resources and assess the potential for undocumented resources that could be encountered during construction. The study was conducted as part of the project's environmental review, which was completed consistent with CEQA and standard BOE environmental review practices. SWCA developed detailed mitigation measures that were incorporated into the project design. *Role: Project Manager and Cultural Resources Specialist.*

Alameda Corridor East (ACE) Monitoring and Management Services for the Trench Package; The San Gabriel Valley Council of Governments (SGVCOG); San Gabriel, Alhambra, Rosemead, Los Angeles County, California. SWCA conducted technical studies and prepared Environmental Impact Report (EIR) sections for compliance with state and federal statutes, particularly CEQA and NEPA, for review by Caltrans, the lead agency. Cultural resources work included archaeological and architectural history surveys and evaluation studies, in compliance with Section 106 of the NHPA and Caltrans standards. SWCA oversaw mitigation for adverse effects to the CRHR/NRHP-listed San Gabriel Mission. *Role: Project Archaeologist. Total station mapping, GPS data collection, geospatial data management and analysis, and map production for field-use and report graphics, archival research.*

DEBI HOWELL-ARDILA, MHP, SR. ARCHITECTURAL HISTORIAN

Ms. Howell-Ardila is an award-winning historic preservation professional with over 17 years of experience in environmental compliance and historic preservation. She leads SWCA's Southern California Architectural History Group. She has led site investigations and evaluations for thousands of properties throughout California, with a focus on Southern California and the San Francisco Bay Area. Her experience includes preparation of thematic historic context statements, citywide historic resource surveys, environmental compliance studies and documentation in support of CEQA, federal and local landmark nominations, Mills Act applications, and Secretary of the Interior's Standards project review. She exceeds the Secretary of the Interior's Professional Qualification Standards in Architectural History and History.

YEARS OF EXPERIENCE

17

EXPERTISE

Specialized practice in historic preservation planning and policy

Specialized expertise in program- and project-level CEQA analyses

Secretary of the Interior's Standards project review and compliance

EDUCATION

M.H.P., Historic Preservation; University of Southern California, School of Architecture; 2010

B.A., German and Architectural History; University of California, Berkley; 1997

REGISTRATIONS / CERTIFICATIONS

Meets and exceeds requirements in the Secretary of the Interior's Professional Qualification Standards in Architectural History and History

SELECTED PROJECT EXPERIENCE (* denotes project experience prior to SWCA)

La Brea Tar Pits Master Plan EIR; Los Angeles County Natural History Museum; Los Angeles County, California. SWCA is preparing an EIR addressing the environmental impacts of significant improvements to this iconic site in central Los Angeles. Significant development has occurred in the project vicinity in recent years (e.g., at the adjacent LA County Museum of Art and with the LA Metro), and the EIR and approach to construction phasing will be highly scrutinized. In addition to leading the EIR process, SWCA is assisting with the public engagement process. The conceptual master plan was recently developed by the Natural History Museum for the future development and enhancement of the La Brea Tar Pits site. The master plan includes the existing museum and Hancock Park and seeks to unify the critical research sites, buildings, exhibition space, and the park with an inspiring new identity. *Role: Senior Architectural Historian and principal researcher/author.*

City of Colton, Cultural Resources Element and Historic Preservation Ordinance Updates, Colton, California. SWCA is currently updating the City of Colton's Cultural Resources Element and providing recommendations for potential updates to its Historic Preservation Ordinance. Work efforts include development of clear, user-friendly Goals, Policies, and Action Items; planning and leading community workshops and hearings with commissions and City Council; and guiding the element through the reviews and approval process. *Role: Senior Architectural Historian and principal researcher/author.*

City of San Gabriel Historic Preservation and Cultural Resources Ordinance Update; City of San Gabriel Department of Planning; California. SWCA updated the City of San Gabriel Historic Preservation and Cultural Resources Ordinance. In 2017/2018, San Gabriel's Historic Preservation and Cultural Resources Ordinance Update won preservation awards

from the Los Angeles Conservancy and California Preservation Foundation. *Role: Project Manager and Lead Author/Historic Preservation Specialist.*

Los Angeles Unified School District (LAUSD) Design Guidelines and Treatment Approaches for Historic Schools; LAUSD; Los Angeles County, California. SWCA prepared district-wide design guidelines for LAUSD, the second largest public school district in the United States. Given LAUSD's 130-year history and expansive geographic range, the LAUSD Design Guidelines provided detailed treatment approaches for a range of school types, architectural styles, and projects, using the Secretary of the Interior's Standards as the point-of-departure. *Role: Project Manager and Lead Historic Preservation Specialist. Served as the project manager and principal author of the design guidelines.*

City of Manhattan Beach Historic Preservation Ordinance; City of Manhattan Beach Department of Community Development; Los Angeles County, California. SWCA drafted a new Historic Preservation Ordinance for the City of Manhattan Beach. Work efforts included training sessions and outreach to the City's Planning Commission and City Council, as well as public workshop hearings, stakeholder outreach, and developing educational materials. *Role: Project Manager and Lead Historic Preservation Specialist. Led efforts to provide historic*

AWARDS

2019: California Preservation Foundation Award, *City of Riverside Latino Historic Context Statement*

2018: California Preservation Foundation Award, City of San Gabriel Historic Preservation and Cultural Resources Ordinance

2018: Los Angeles Conservancy Preservation Award, City of San Gabriel Historic Preservation and Cultural Resources Ordinance

2015: Los Angeles Conservancy Preservation Award, *LAUSD Historic Context Statement, 1870 to 1969*

2014: California Preservation Foundation Award, *LAUSD Historic Context Statement, 1870 to 1969*

preservation consulting services in support of a new historic preservation ordinance and Mills Act Tax Abatement program in the City of Manhattan Beach.

1023 N. Soldano Avenue, Azusa, Historic Preservation Project Review; City of Azusa Planning Division, Azusa, California. Ms. Howell-Ardila recently completed historic preservation project review for the City of Azusa Planning Division for 1023 N. Soldano Avenue. Constructed in 1905, the property is a two-story, single-family residence included on City's list of Potential Historic Landmarks. Ms. Howell-Ardila provided a due-diligence Memorandum for the Record and *Secretary's Standards* project review as part of the entitlements process for modifications to the property. Ms. Howell-Ardila also completed a project impacts screening to offer guidance on the potential for direct or indirect significant adverse impacts to historical resources. *Role: Project Manager and Lead Author/Historic Preservation Specialist*

Historic Resources Technical Study, Existing Sites Technical Memorandum; Academy of Art University; San Francisco, California. SWCA prepared a multi-property historic resources technical study in support of an Existing Sites Technical Memorandum (ESTM) for the Academy of Art University. Key issues included updating historic resource evaluations for 26 properties, documenting exterior and interior character-defining features and alterations over time, and subjecting unpermitted alterations to Secretary of the Interior's Standards project review and analyzing potential impacts. Treatment approaches were also

recommended to facilitate compliance with the Secretary of the Interior's Standards. SWCA's Architectural History team completed/updated historic resource evaluations for 26 properties on an accelerated schedule of five months. *Role: Lead Architectural Historian and Project Manager.*

LA Plaza Cultura Village Environmental Impact Report (EIR), Cultural Resources Technical Report; County of Los Angeles; Los Angeles County, California. Analysis of potential impacts to historic resources dealt primarily with indirect impacts to adjacent historic districts, an analysis based on study of the Secretary of the Interiors Standards for the Treatment of Historic Properties as well as community plan design guidelines. *Role: Senior Architectural Historian/principal author.*

***Riverside Latino Historic Context Statement; City of Riverside; Riverside County, California.** Preparation of the *City of Riverside Latino Historic Context Statement*, which explored over a century of history and culture of Riverside's Latino community. This effort was recognized with an award from the California Preservation Foundation in 2019. *Role: Principal Author/Investigator. Authored historic context statement.*

Monterey Regional Airport Historic Resources Survey Report; Coffman Associates; Monterey County, California. In support of CEQA environmental review, SWCA conducted a historic resources survey and evaluation for the Monterey Regional Airport. Efforts included archival research, site investigations, and survey and preparation of a historic resources technical report summarizing the results. *Role: Senior Architectural Historian/principal author.*

Historic District Survey for the Air Force Research Laboratory; Edwards Air Force Base, California. SWCA completed a comprehensive, context-driven historic resources survey and historic district update of the Edwards Air Force Base Air Force Research Laboratory. Using the multiple-property documentation historic context statement prepared by SWCA, architectural historians completed an intensive-level survey and evaluation of over 230 properties. Subsequent to these efforts, SWCA prepared a technical report, which documented the results and provided management recommendations. *Role: Architectural Historian.*