

**AGREEMENT FOR CONSULTANT SERVICES BETWEEN
CITY OF TEMECULA AND SWCA ENVIRONMENTAL CONSULTANTS
COMMUNITY WILDFIRE PROTECTION PROGRAM (CWPP) (LR21-1331)**

THIS AGREEMENT is made and effective as of **January 10, 2023**, between the **City of Temecula**, a municipal corporation (hereinafter referred to as "City"), and **SWCA Incorporated dba SWCA Environmental Consultants, a Corporation**, (hereinafter referred to as "Consultant"). In consideration of the mutual covenants and conditions set forth herein, the parties agree as follows:

1. TERM

This Agreement shall commence on **January 10, 2023**, and shall remain and continue in effect until tasks described herein are completed, but in no event later than **August 31, 2024** unless sooner terminated pursuant to the provisions of this Agreement.

The City may, upon mutual agreement, extend the contract for one (1) additional one (1) year term. In no event shall the contract be extended beyond August 31, 2025.

2. SERVICES

Consultant shall perform the services and tasks described and set forth in Exhibit A, attached hereto and incorporated herein as though set forth in full. Consultant shall complete the tasks according to the schedule of performance which is also set forth in Exhibit A.

3. PERFORMANCE

Consultant shall faithfully and competently exercise the ordinary skill and competence of members of their profession. Consultant shall employ all generally accepted standards and practices utilized by persons engaged in providing similar services as are required of Consultant hereunder in meeting its obligations under this Agreement.

4. PAYMENT

a. The City agrees to pay Consultant monthly, in accordance with the payment rates and terms and the schedule of payment as set forth in Exhibit B, Payment Rates and Schedule, attached hereto and incorporated herein by this reference as though set forth in full, based upon actual time spent on the above tasks. Any terms in Exhibit B, other than the payment rates and schedule of payment, are null and void. **This amount shall not exceed two hundred ninety-six thousand twenty-six dollars and zero cents (\$296,026.00)**, for the total term of this agreement .

b. Consultant shall not be compensated for any services rendered in connection with its performance of this Agreement which are in addition to those set forth herein, unless such additional services are authorized in advance and in writing by the City Manager . Consultant shall be compensated for any additional services in the amounts and in the manner as agreed to by City Manager and Consultant at the time City's written authorization is given to Consultant for the performance of said services.

c. Consultant will submit invoices monthly for actual services performed. Invoices shall be submitted between the first and fifteenth business day of each month, for services provided in the previous month. Payment shall be made within thirty (30) days of receipt of each invoice as to all non-disputed fees. If the City disputes any of Consultant's fees, it shall give written notice to Consultant within thirty (30) days of receipt of an invoice of any disputed fees set forth on the invoice. For all reimbursements authorized by this Agreement, Consultant shall provide receipts on all reimbursable expenses in excess of Fifty Dollars (\$50) in such form as approved by the Director of Finance.

5. SUSPENSION OR TERMINATION OF AGREEMENT WITHOUT CAUSE

a. The City may at any time, for any reason, with or without cause, suspend or terminate this Agreement, or any portion hereof, by serving upon the Consultant at least ten (10) days prior written notice. Upon receipt of said notice, the Consultant shall immediately cease all work under this Agreement, unless the notice provides otherwise. If the City suspends or terminates a portion of this Agreement such suspension or termination shall not make void or invalidate the remainder of this Agreement.

b. In the event this Agreement is terminated pursuant to this Section, the City shall pay to Consultant the actual value of the work performed up to the time of termination, provided that the work performed is of value to the City. Upon termination of the Agreement pursuant to this Section, the Consultant will submit an invoice to the City, pursuant to Section entitled "PAYMENT" herein.

6. DEFAULT OF CONSULTANT

a. The Consultant's failure to comply with the provisions of this Agreement shall constitute a default. In the event that Consultant is in default for cause under the terms of this Agreement, City shall have no obligation or duty to continue compensating Consultant for any work performed after the date of default and can terminate this Agreement immediately by written notice to the Consultant. If such failure by the Consultant to make progress in the performance of work hereunder arises out of causes beyond the Consultant's control, and without fault or negligence of the Consultant, it shall not be considered a default.

b. If the City Manager or his delegate determines that the Consultant is in default in the performance of any of the terms or conditions of this Agreement, it shall serve the Consultant with written notice of the default. The Consultant shall have ten (10) days after service upon it of said notice in which to cure the default by rendering a satisfactory performance. In the event that the Consultant fails to cure its default within such period of time, the City shall have the right, notwithstanding any other provision of this Agreement, to terminate this Agreement without further notice and without prejudice to any other remedy to which it may be entitled at law, in equity or under this Agreement.

7. OWNERSHIP OF DOCUMENTS

a. Consultant shall maintain complete and accurate records with respect to sales, costs, expenses, receipts and other such information required by City that relate to the performance of services under this Agreement. Consultant shall maintain adequate records of services provided in sufficient detail to permit an evaluation of services. All such records shall be maintained in accordance with generally accepted accounting principles and shall be clearly identified and readily accessible. Consultant shall provide free access to the representatives of City or its designees at reasonable times to such books and records, shall give City the right to

examine and audit said books and records, shall permit City to make transcripts there from as necessary, and shall allow inspection of all work, data, documents, proceedings and activities related to this Agreement. Such records, together with supporting documents, shall be maintained for a period of three (3) years after receipt of final payment.

b. Upon completion of, or in the event of termination or suspension of this Agreement, all original documents, designs, drawings, maps, models, computer files containing data generated for the work, surveys, notes, and other documents prepared in the course of providing the services to be performed pursuant to this Agreement shall become the sole property of the City and may be used, reused or otherwise disposed of by the City without the permission of the Consultant. With respect to computer files containing data generated for the work, Consultant shall make available to the City, upon reasonable written request by the City, the necessary computer software and hardware for purposes of accessing, compiling, transferring and printing computer files.

8. INDEMNIFICATION

The Consultant agrees to defend, indemnify, protect and hold harmless the City of Temecula, Temecula Community Services District, and/or the Successor Agency to the Temecula Redevelopment Agency, its officers, officials, employees and volunteers from and against any and all claims, demands, losses, defense costs or expenses, including attorney fees and expert witness fees, or liability of any kind or nature which the City of Temecula, Temecula Community Services District, and/or the Successor Agency to the Temecula Redevelopment Agency, its officers, agents, employees or volunteers may sustain or incur or which may be imposed upon them for injury to or death of persons, or damage to property arising out of Consultant's negligent or wrongful acts or omissions arising out of or in any way related to the performance or non-performance of this Agreement, excepting only liability arising out of the negligence of the City of Temecula, Temecula Community Services District, and/or the Successor Agency to the Temecula Redevelopment Agency.

9. INSURANCE REQUIREMENTS

a. Consultant shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property, which may arise from or in connection with the performance of the work hereunder by the Consultant, its agents, representatives, or employees.

b. Minimum Scope of Insurance. Coverage shall be at least as broad as:

1) Insurance Services Office Commercial General Liability form No. CG 00 01 11 85 or 88.

2) Insurance Services Office Business Auto Coverage form CA 00 01 06 92 covering Automobile Liability, code 1 (any auto). If the Consultant owns no automobiles, a non-owned auto endorsement to the General Liability policy described above is acceptable.

3) Worker's Compensation insurance as required by the State of California and Employer's Liability Insurance. If the Consultant has no employees while performing under this Agreement, worker's compensation insurance is not required, but Consultant shall execute a declaration that it has no employees.

4) Professional Liability Insurance shall be written on a policy form providing professional liability for the Consultant's profession.

c. Limits of Insurance. Consultant shall maintain limits no less than:

1) General Liability: One Million (\$1,000,000) per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability Insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit.

2) Automobile Liability: One Million (\$1,000,000) accident for bodily injury and property damage.

3) Worker's Compensation as required by the State of California; Employer's Liability: One Million Dollars (\$1,000,000) per accident for bodily injury or disease.

4) Professional Liability Coverage: One Million Dollars (\$1,000,000) per claim and in aggregate.

d. Deductibles and Self-Insured Retentions. Any deductibles or self-insured retentions shall not exceed Twenty Five Thousand Dollars and No Cents (\$25,000).

e. Other Insurance Provisions. The general liability and automobile liability policies are to contain, or be endorsed to contain, the following provisions:

1) The City of Temecula, the Temecula Community Services District, the Successor Agency to the Temecula Redevelopment Agency, their officers, officials, employees and volunteers are to be covered as insured's, as respects: liability arising out of activities performed by or on behalf of the Consultant; products and completed operations of the Consultant; premises owned, occupied or used by the Consultant; or automobiles owned, leased, hired or borrowed by the Consultant. The coverage shall contain no special limitations on the scope of protection afforded to the City of Temecula, the Temecula Community Services District, the Successor Agency to the Temecula Redevelopment Agency, their officers, officials, employees or volunteers.

2) For any claims related to this project, the Consultant's insurance coverage shall be primary insurance as respects the City of Temecula, the Temecula Community Services District, the Successor Agency to the Temecula Redevelopment Agency, their officers, officials, employees and volunteers. Any insurance or self-insured maintained by the City of Temecula, Temecula Community Services District, and/or the Successor Agency to the Temecula Redevelopment Agency, its officers, officials, employees or volunteers shall be excess of the Consultant's insurance and shall not contribute with it.

3) Any failure to comply with reporting or other provisions of the policies including breaches of warranties shall not affect coverage provided to the City of Temecula, the Temecula Community Services District, and the Successor Agency to the Successor Agency to the Temecula Redevelopment Agency, their officers, officials, employees or volunteers.

4) The Consultant's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

5) Each insurance policy required by this agreement shall be endorsed to state in substantial conformance to the following: If the policy will be canceled before the expiration date the insurer will notify in writing to the City of such cancellation not less than thirty (30) days' prior to the cancellation effective date.

6) If insurance coverage is canceled or, reduced in coverage or in limits the Consultant shall within two (2) business days of notice from insurer phone, fax, and/or notify the City via certified mail, return receipt requested of the changes to or cancellation of the policy.

f. Acceptability of Insurers. Insurance is to be placed with insurers with a current A.M. Best rating of A-VII or better, unless otherwise acceptable to the City. Self insurance shall not be considered to comply with these insurance requirements.

g. Verification of Coverage. Consultant shall furnish the City with original endorsements effecting coverage required by this clause. The endorsements are to be signed by a person authorized by that insurer to bind coverage on its behalf. The endorsements are to be on forms provided by the City. All endorsements are to be received and approved by the City before work commences. As an alternative to the City's forms, the Consultant's insurer may provide complete, certified copies of all required insurance policies, including endorsements affecting the coverage required by these specifications.

10. INDEPENDENT CONTRACTOR

a. Consultant is and shall at all times remain as to the City a wholly independent contractor. The personnel performing the services under this Agreement on behalf of Consultant shall at all times be under Consultant's exclusive direction and control. Neither City nor any of its officers, employees, agents, or volunteers shall have control over the conduct of Consultant or any of Consultant's officers, employees, or agents except as set forth in this Agreement. Consultant shall not at any time or in any manner represent that it or any of its officers, employees or agents are in any manner officers, employees or agents of the City. Consultant shall not incur or have the power to incur any debt, obligation or liability whatever against City, or bind City in any manner.

b. No employee benefits shall be available to Consultant in connection with the performance of this Agreement. Except for the fees paid to Consultant as provided in the Agreement, City shall not pay salaries, wages, or other compensation to Consultant for performing services hereunder for City. City shall not be liable for compensation or indemnification to Consultant for injury or sickness arising out of performing services hereunder.

11. LEGAL RESPONSIBILITIES

The Consultant shall keep itself informed of all local, State and Federal ordinances, laws and regulations which in any manner affect those employed by it or in any way affect the performance of its service pursuant to this Agreement. The Consultant shall at all times observe and comply with all such ordinances, laws and regulations. The City, and its officers and employees, shall not be liable at law or in equity occasioned by failure of the Consultant to comply with this section.

12. RELEASE OF INFORMATION

a. All information gained by Consultant in performance of this Agreement shall be considered confidential and shall not be released by Consultant without City's prior written authorization. Consultant, its officers, employees, agents or subcontractors, shall not without written authorization from the City Manager or unless requested by the City Attorney, voluntarily provide declarations, letters of support, testimony at depositions, response to interrogatories or other information concerning the work performed under this Agreement or relating to any project

or property located within the City. Response to a subpoena or court order shall not be considered "voluntary" provided Consultant gives City notice of such court order or subpoena.

b. Consultant shall promptly notify City should Consultant, its officers, employees, agents or subcontractors be served with any summons, complaint, subpoena, notice of deposition, request for documents, interrogatories, request for admissions or other discovery request, court order or subpoena from any party regarding this Agreement and the work performed there under or with respect to any project or property located within the City. City retains the right, but has no obligation, to represent Consultant and/or be present at any deposition, hearing or similar proceeding. Consultant agrees to cooperate fully with City and to provide City with the opportunity to review any response to discovery requests provided by Consultant. However, City's right to review any such response does not imply or mean the right by City to control, direct, or rewrite said response.

13. NOTICES

Any notices which either party may desire to give to the other party under this Agreement must be in writing and may be given either by (i) personal service, (ii) delivery by a reputable document delivery service, such as but not limited to, Federal Express, that provides a receipt showing date and time of delivery, or (iii) mailing in the United States Mail, certified mail, postage prepaid, return receipt requested, addressed to the address of the party as set forth below or at any other address as that party may later designate by Notice. Notice shall be effective upon delivery to the addresses specified below or on the third business day following deposit with the document delivery service or United States Mail as provided above.

Mailing Address: City of Temecula
Attn: City Manager
41000 Main Street
Temecula, CA 92590

To Consultant: **SWCA Environmental Consultants**
Attn: Angela Chongpinitchai
60 Stone Pine Road, Suite 100
Half Moon Bay, CA 94019

14. ASSIGNMENT

The Consultant shall not assign the performance of this Agreement, nor any part thereof, nor any monies due hereunder, without prior written consent of the City. Upon termination of this Agreement, Consultant's sole compensation shall be payment for actual services performed up to, and including, the date of termination or as may be otherwise agreed to in writing between the City Council and the Consultant.

15. LICENSES

At all times during the term of this Agreement, Consultant shall have in full force and effect, all licenses required of it by law for the performance of the services described in this Agreement.

16. GOVERNING LAW

The City and Consultant understand and agree that the laws of the State of California shall govern the rights, obligations, duties and liabilities of the parties to this Agreement and also govern the interpretation of this Agreement. Any litigation concerning this Agreement shall take place in

the municipal, superior, or federal district court with geographic jurisdiction over the City of Temecula. In the event such litigation is filed by one party against the other to enforce its rights under this Agreement, the prevailing party, as determined by the Court's judgment, shall be entitled to reasonable attorney fees and litigation expenses for the relief granted.

17. PROHIBITED INTEREST

No officer, or employee of the City of Temecula that has participated in the development of this agreement or its approval shall have any financial interest, direct or indirect, in this Agreement, the proceeds thereof, the Consultant, or Consultant's sub-contractors for this project, during his/her tenure or for one year thereafter. The Consultant hereby warrants and represents to the City that no officer or employee of the City of Temecula that has participated in the development of this agreement or its approval has any interest, whether contractual, non-contractual, financial or otherwise, in this transaction, the proceeds thereof, or in the business of the Consultant or Consultant's sub-contractors on this project. Consultant further agrees to notify the City in the event any such interest is discovered whether or not such interest is prohibited by law or this Agreement.

18. ENTIRE AGREEMENT

This Agreement contains the entire understanding between the parties relating to the obligations of the parties described in this Agreement. All prior or contemporaneous agreements, understandings, representations and statements, oral or written, are merged into this Agreement and shall be of no further force or effect. Each party is entering into this Agreement based solely upon the representations set forth herein and upon each party's own independent investigation of any and all facts such party deems material.

19. AUTHORITY TO EXECUTE THIS AGREEMENT

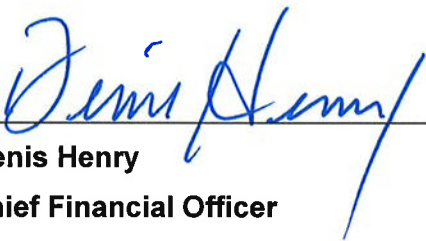
The person or persons executing this Agreement on behalf of Consultant warrants and represents that he or she has the authority to execute this Agreement on behalf of the Consultant and has the authority to bind Consultant to the performance of its obligations hereunder. The City Manager is authorized to enter into an amendment on behalf of the City to make the following non-substantive modifications to the agreement: (a) name changes; (b) extension of time; (c) non-monetary changes in scope of work; (d) agreement termination.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed the day and year first above written.

CITY OF TEMECULA

SWCA INCORPORATED


By: _____
Zak Schwank, Mayor

By: 

Denis Henry
Chief Financial Officer

ATTEST:

By: _____
Randi Johl, City Clerk

By: 

Joseph J Fluder III, MS
Chief Executive Officer/President

APPROVED AS TO FORM:

By: _____
Peter M. Thorson, City Attorney

CONSULTANT

SWCA Environmental Consulting, Inc.

Angela Chongpinitchai

60 Stone Pine Road, Suite 100

Half Moon Bay, CA 94019

301-367-1572

Angela.chongpinitchai@swca.com

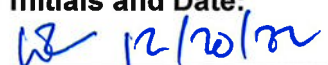
City Purchasing Mgr.
Initials and Date:


EXHIBIT A

Tasks to be Performed

All tasks to be performed are per the proposal provided by the Consultant attached hereto and incorporated herein as though set forth in full.

EXHIBIT B

Payment Rates and Schedule

Cost for services shall be as per Contractors proposal attached hereto and incorporated herein as though set forth in full but in no event shall the total cost of services exceed \$296,026.00 for the total term of the Agreement unless additional payment is approved as provided in the Payment section of this Agreement.

CITY OF TEMECULA COMMUNITY WILDFIRE PROTECTION PROGRAM

SUBMITTED TO

City of Temecula
Department of Development
4100 Main Street
Temecula, CA 92590

JULY 22, 2022

SUBMITTED BY

SWCA Environmental Consultants
3838 Camino Del Rio North, Suite 200
San Diego, CA 92108



ENVIRONMENTAL CONSULTANTS

Sound Science. Creative Solutions.®

3838 Camino Del Rio North, Suite 220
San Diego, California 92108
www.swca.com

2136

July 22, 2022

Mark Collins, Assistant Planner
City of Temecula
Department of Development
41000 Main Street
Temecula, California 92590
Submitted via PlanetBids

Re: Temecula Creek Wildfire Risk Reduction Plan, a Strategic Comprehensive Wildfire Prevention Plan and Community Wildfire Protection Program

Dear Mr. Collins and Temecula Selection Committee:

SWCA Environmental Consultants (SWCA) is pleased to submit our proposal to develop a strategic, comprehensive Wildfire Prevention Plan and Community Wildfire Protection Plan (CWPP) for the City of Temecula (City), focusing on the Temecula Creek project area. Our CWPP scope has been developed in accordance with the Healthy Forests Restoration Act, National Cohesive Wildland Fire Management Strategy, and California Department of Forestry and Fire Protection (CAL FIRE) guidelines for California Climate Investments (CCI) grant projects.

SWCA is well-acquainted with regions of California that have experienced recent large, severe wildfires and that need a comprehensive Wildfire Prevention Plan and CWPP to determine effective, prioritized wildfire mitigation and fuels reduction projects tailored to qualify for federal and state funding. We are positioned to execute these plans with all the requirements set forth in the Request for Proposals (RFP). Our team's diverse capabilities—including fire and fuels planning, wildfire behavior modeling, natural and cultural resources management, watershed analysis, public outreach and education, and environmental compliance through the California Environmental Quality Act (CEQA) and application of the California Vegetation Treatment Program (CalVTP) for hazardous fuels reduction—qualify us to support the City in wildfire resilience efforts and reduction of greenhouse gas emissions (GHG). SWCA understands the criticality of this comprehensive CWPP that is intended to serve as a planning model for other at-risk communities within the City to mitigate the impacts of wildfires in the wildland urban interface (WUI) and to valued natural and cultural resources.

For more than **17 years**, SWCA has provided natural and cultural resources management and planning services related to wildfire and forest management, including developing more than **45 CWPPs** to support counties and towns in wildfire planning and mitigation efforts. The Fire and Forestry Team at SWCA has completed over 90 projects across 26 different states, ranging from fire management plans to post-fire restoration and rehabilitation activities. Our deep bench of experienced and qualified personnel allows us to competently bring any sized project to completion within budget and timeline. Using a combination of fire ecology, natural resources management, and environmental planning, SWCA staff can easily prepare wildfire risk assessments that examine both open space and community fire hazards, feeding into strategic risk mitigation and fuels reduction recommendations. The expertise of our in-house specialists is key to developing a comprehensive and innovative approach to the City's wildfire and fuels challenges in the project area using **sound science and creative solutions**.

Our enclosed proposal is valid for a 90-day period. Details of proposed tasks and costs can be found in Appendix B. SWCA's Department of Industrial Relations (DIR) contractor registration can be found in Appendix C. Any questions or correspondence regarding our proposal during the review and evaluation process should be directed to proposed Project Manager Angela Chongpinitchai at (301) 367-1572 or angela.chongpinitchai@swca.com. For contract negotiation between the City and SWCA, please contact Southern California Vice President John Dietler at (626) 240-0587 or jdietler@swca.com.

Thank you for providing us with the opportunity to support development of these plans. We would be honored to work with the City and all interested parties to develop a defensible, action-oriented plan in a timely and streamlined manner to address current and future wildfire risks. All required supplemental materials per the RFP have been provided within the appendices of this proposal. We look forward to further discussing our qualifications and to assist with the development of this important community plan.

Sincerely,



Angela Chongpinitchai
Project Manager/ Senior Fire Planner
60 Stone Pine Road, Suite 100
Half Moon Bay, California 94019
(301) 367-1572
angela.chongpinitchai@swca.com



John Dietler
Southern California Vice President
3838 Camino Del Rio North, Suite 220
San Diego, California 92108
(626) 240-0587
jdietler@swca.com



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PRICE 31

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QUALIFICATIONS AND EXPERIENCE



SERVICE AREA EXPERIENCE

A **100% employee-owned corporation established in 1981 and incorporated in 1984**, SWCA Environmental Consultants (SWCA) has provided environmental planning, regulatory compliance, and natural and cultural resource management services to businesses and government clients across the United States. We work to understand the full life cycle of each project, from its early inception to completion. In the face of rapid environmental, economic, and societal changes, SWCA provides a comprehensive approach to the challenges your staff face. We offer a focused suite of environmental consulting services combined with regional knowledge, professionalism, customer focus, and high-quality service. We apply our motto **“Sound Science, Creative Solutions”** to each of our projects, producing defensible technical results that ensure project success.

SWCA offers the size and stability of a larger company and the responsiveness of a local firm. With six California offices, including nearby San Diego and Pasadena, and distributed employees throughout the state, we have the local presence and knowledge to work on environmental issues alongside cities and invested stakeholders.

The following sections highlight our experience and capabilities to provide the full range of services listed in the Request for Proposals. We feel extremely well suited and prepared to execute all task orders the City of Temecula (City) may issue under this solicitation.

SWCA IN-HOUSE EXPERTS

- Project Managers
- Fire Planners
- Fuels Specialists
- Landscape Architects
- Restoration Ecologists
- Environmental Engineers
- Permitting Specialists
- California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) Planners
- Biologists
- Arborists
- Archaeologists
- Paleontologists
- Architectural Historians
- Technical Editors
- Geographic Information Systems (GIS) Specialists

WILDFIRE RESILIENCE AND FUELS MANAGEMENT

Fire Management Planning and Modeling

For more than 17 years, SWCA has provided natural and cultural resources management and planning services related to wildfire and forest management. We have developed more than 45 Community Wildfire Protection Plans (CWPPs) across the United States and have assisted many communities in coordinating Firewise programs.

Our CWPPs are intended to effectively evaluate fire risk and recommend priority actions to reduce the severity or risk of wildland fires. We take a comprehensive approach by connecting fire risk modeling and mapping, public involvement strategies, project development and implementation, and sustainability initiatives to better prepare communities. Our focus is on creating actionable plans that are tailored to each jurisdiction, providing direction and guidance for wildfire mitigation on both public and private lands.

SWCA has completed multiple fire management plans (FMPs) and accompanying National Environmental Policy Act (NEPA) documents for the National Park Service (NPS) and hazardous fuels reduction planning and accompanying NEPA documents for U.S. Forest Service (USFS) and Bureau of Land Management (BLM) projects across the United States.

Our fire planning specialists have considerable experience that we can apply to the development of fuels reduction projects including developing risk assessments utilizing the Interagency Fuel Treatment Decision Support System (IFTDSS), FARSITE, FlamMap, and BehavePlus. Our team routinely works with stakeholders to analyze fuel composition and loading and develop and delineate fuel treatment recommendations to mitigate wildfire hazard and risk. This information is captured spatially and incorporated into a geodatabase.



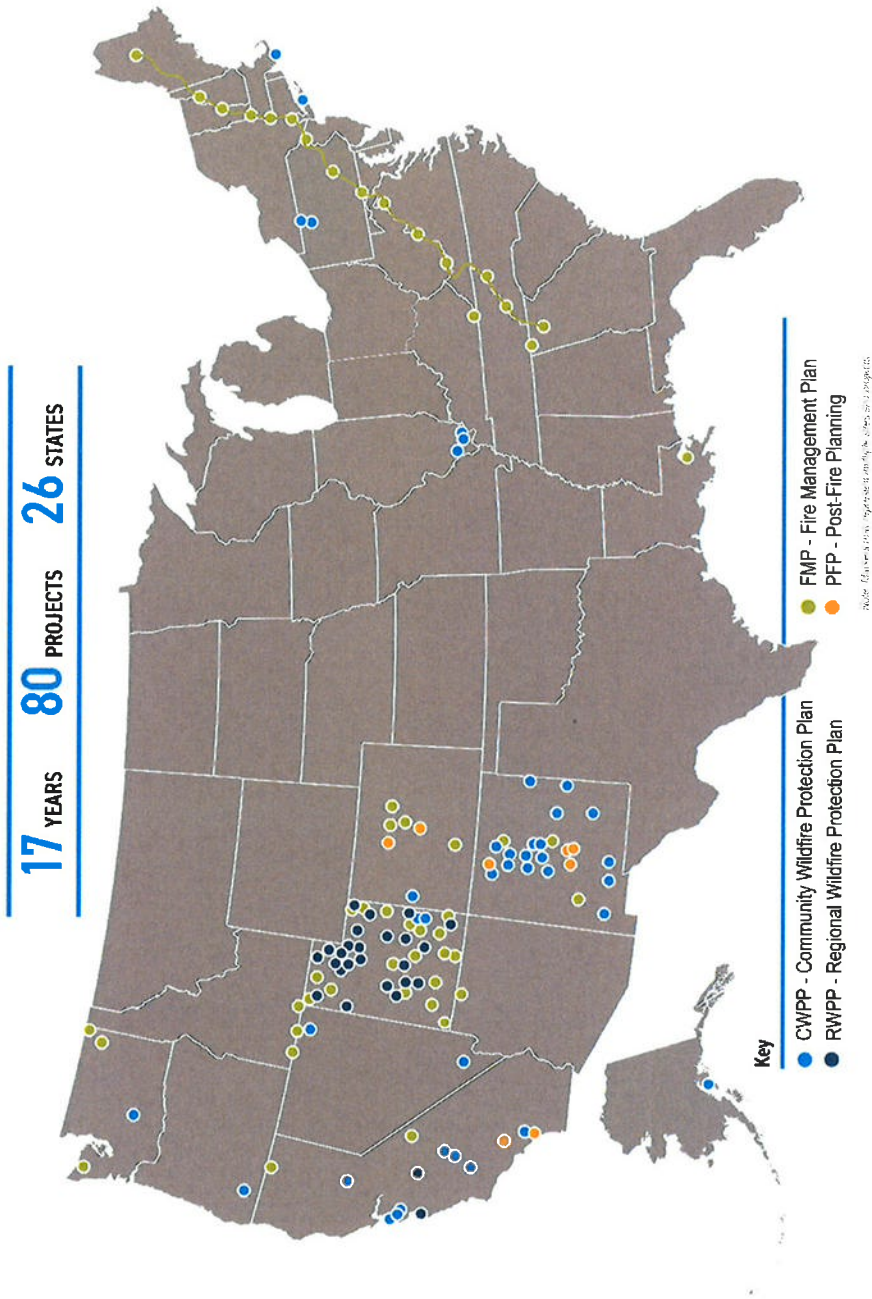


Figure 1. Locations of SWCA's Community Wildfire Protection Plans, Fire Management Plans, Regional Wildfire Protection Plans, and Post-Fire Planning projects.

Vegetation and Forest Health Management Planning

Since 2004, SWCA has been involved in pre-fire fuels mitigation planning and post-fire restoration projects, working with public and private partners to address wildfire hazards through vegetation management. We work with various agencies, organizations, and private landowners to help secure funding, plan vegetation management, assess post-fire vegetation recovery, and develop engineering plans for erosion control and hydrological processes with recommended actions. SWCA can also provide extensive pre-fire planning services that use fire behavior modeling and geomorphological modeling to identify natural resources and infrastructure that is vulnerable to extreme fire behavior. Recently, SWCA prepared a vegetation management plan (VMP) for the Town of Los Gatos roadways and open space areas. This VMP seeks to balance the preservation of existing natural resources and the safety of the built environment in the event of a wildfire.



SWCA was retained to assist with the post fire restoration following the Ojo Peak Wildfire in New Mexico

SWCA staff are also very familiar with the California Vegetation Treatment Program (CalVTP) and associated programmatic environmental impact report (PEIR) to streamline the California Environmental Quality Act (CEQA) efforts for vegetation management programs for wildfire reduction throughout California. In fact, SWCA is one of only a handful of firms that have successfully navigated streamlined environmental analyses under the CalVTP PEIR, with two completed projects to date and a third currently in progress. SWCA understands the standard project requirements (SPRs) and treatments in the CalVTP to ensure fuels treatment recommendations align with these requirements to ensure a streamlined CEQA process. We are also proficient in the use of the Project-Specific Analysis (PSA) process to determine if a vegetation treatment program falls under the PEIR for the CalVTP in both State Responsibility Areas (SRAs) and Local Responsibility Areas (LRAs).

“ I had a great conversation with CAL OES. They were very happy with the comprehensive VMP that we provided. ”
 – Matt Morley, Town of Los Gatos Parks and Public Works Director, Los Gatos Vegetation Management Plan

In addition, we have familiarity with Federal Emergency Management Agency (FEMA) categorical exclusions and the *Final PEA for Typical Recurring Actions Resulting from Fire, Flood, Earthquake, Rain, and Wind Disasters in California* to assist in streamlining the NEPA process for vegetation management programs for wildfire reduction throughout California

Our crews have provided forest inventory and analysis services over large swaths of forest and woodlands, assessing forest stand structure, vegetation composition, and condition. We work with partners to assess watershed and forest health, carrying out hundreds of forest stand exams to determine recommendations to address vulnerability of forests to disturbances, including wildfire, drought, insect, and disease.

Geographic Information Systems

SWCA's objective is to provide seamless integration of geospatial information with planning, management, and decision needs. Our geospatial technology professionals have great experience and knowledge in geospatial data creation, analysis, visualization, reporting, mapping, and web and mobile application development, and are proficient with industry-standard geographic information system (GIS) software. SWCA's GIS team possesses a wide range of expertise in spatial analysis, photogrammetry, drone and unmanned aircraft systems, remote sensing, and programming/scripting, and in the use and customization of ESRI web and mobile data collection apps, such as ArcGIS Collector, Survey123, and Workforce. In addition, our GIS specialists can create comprehensive geodatabases that can be utilized by our clients to track changing field conditions and the effectiveness of project implementation and maintenance over time. Our SWCA Fire GIS Team comprises individuals with expertise in fire behavior modeling and risk and hazard assessment processes in support of our fire planning work.

ArcGIS Story Mapping

SWCA has developed story maps for CWPPs to provide a web-based tool for illustrating data-rich, science-based information and engaging the public to receive and provide information in an easy-to-use centralized interface. Story maps are easily accessible and navigable platforms for a broader demographic engagement within a community. They provide opportunities for public education and outreach, public involvement and comment submittal, information regarding baseline conditions, and project updates and timelines. We also use ArcGIS Hub sites and other web mapping applications to support our fire work, such as developing a wildfire readiness and recovery web decision support tool to assist agencies in preparing for and responding to wildfire.

SWCA understands how GIS web mapping technology, specifically story maps, can be used as an effective tool to increase and strengthen meaningful opportunities for public engagement and outreach related to community wildfire protection planning. GIS web story maps allow us to combine authoritative maps with text, images, and multimedia content to engage and inspire your audience.

Please see this example of a hub and story map we have created for the City of Corona CWPP:



FACILITATION AND PUBLIC INVOLVEMENT

SWCA routinely provides community relations, facilitation, and public involvement services for our fire planning projects, either as standalone services or part of the CEQA or NEPA process. In today's climate of environmental awareness, our clients deal with increasingly complex issues that require integration of science and planning, and often involve a variety of groups with diverse interests. Our experts can help navigate the complexities of both engaging the public and bringing together varied stakeholders for a project. Our project managers have facilitated public informational and scoping meetings, coordinated and participated in interagency and focused resource agency meetings, contributed to project outreach and workshop efforts, presented information, responded to questions during formal public hearings, and provided agency staff support by preparing written and verbal responses to public comments during the hearing process.

Community Engagement

SWCA works diligently with local communities and stakeholders to engage impacted parties and provide transparency to help develop buy-in and reduce the need for conflict mitigation and resolution. Early in the process, we meet with our clients, local government staff or elected officials to gauge interest. Throughout the planning process, we attend and host stakeholder and community meetings to maintain a pulse on the project, identify pressure points within the community, and mitigate potential disputes. In addition, our virtual public meeting and engagement tools are available to support project needs, ranging from one-way communication (to inform or raise awareness) to interactive options (to gain input). While particularly valuable during the COVID pandemic, there are advantages to virtual public meeting options that allow the public to participate from the comfort of their own home and to make project information available to as many people as possible. SWCA has conducted **45+ virtual** public meetings in the past 15 months alone. We are prepared to bring our expertise and improved tools to the project whether in-person, virtually, or a combination.

“The team at SWCA helped Grant County to produce what we and all of our stakeholders feel is the best Community Wildfire Protection Plan. Victoria and the team were extremely thorough and made sure all stakeholders were involved and heard constantly throughout the process.”

– Michael Larisch, Planning and Community Development Director, Grant County CWPP Update 2020

Public Notices

SWCA is familiar with all types of public notices, including the compilation and maintenance of mailing lists for distribution of project information to interested parties. We are experienced in multiple methods to distribute public notices and solicit public comment. In many cases, we have acted in a supporting role for our clients and have assisted with noticing or prepared, published, and filed public notices on their behalf, such as the notice of exemption,

notice of preparation, notice of intent to adopt a mitigated negative declaration, notice of determination, and notice of completion required by CEQA, as well as records of decision and finding of no significant impact (FONSI) decision documents under NEPA.

CEQA, PLANNING, AND PERMITTING

SWCA offers local expertise to provide general environmental planning services. SWCA is committed to objective, thorough analyses and takes a strategic approach to ensure maximum flexibility through the planning and approval process. Our team also can provide related technical studies for fuels assessments, hazardous materials, air quality, greenhouse gas (GHG) emissions, noise and vibration, hydrology and water quality, visual resources, natural resources (biological), cultural resources (historic, archaeological resources), and paleontological resources. When needed, SWCA works with a network of subconsultants throughout California with special expertise in a particular technical area (e.g., traffic).



PERMITTING & REGULATORY COMPLIANCE

SWCA staff regularly prepare:

- USACE CWA Section 404 Nationwide and Individual Permits
- RWQCB CWA Section 401 Water Quality Certifications and Waste Discharge Requirements
- California Fish and Game Code Section 162 Streambed Alteration Agreement notification packages
- CWA Section 402 National Pollutant Discharge Elimination System permits
- Coastal Development permits
- City/County Conditional Use Permits

Planning

CEQA and NEPA planning begins with a thorough alternatives analysis, including review of all potential environmental, social, and land use constraints that can be evaluated from a desktop level. SWCA will build upon those initial study area results by establishing a working alternatives dataset with clear identifiers, and a matrix of alternatives with constraints. Prior to initiating any fieldwork, the constraints analysis process results in identification of resolution of resource, resource-use, or social conflicts. The constraints analysis will factor in all data and make recommendations for feasibility, permitting ability (an assessment of whether the alternative can be reasonably permitted under known and foreseeable land use and jurisdictional conditions), and environmental constraints (an assessment of whether the environmental constraints are subject to reasonable mitigation or whether the project design can render the alternative to be environmentally acceptable), some of which may conflict.

CEQA and NEPA

EXPERIENCE IN CALIFORNIA

Jurisdictions including, but not limited to:

- San Mateo RCD
- Midpeninsula Regional Open Space District (MidPen)
- County of Santa Clara
- City and County of San Francisco
- County of San Mateo
- City of South San Francisco
- City of Half Moon Bay
- City of San Leandro
- City of Vallejo

SWCA excels at preparing objective, technically compliant, legally defensible, and clearly written environmental documents to enable approval and speedy implementation of both public and private projects. Our experienced staff have completed hundreds of CEQA documents, including documentation for CEQA categorical exemptions and/or statutory exemptions, environmental impact reports, initial studies/mitigated negative declarations, MMRPs, and CEQA findings. NEPA documents completed by our local staff include environmental impact statements, environmental assessments, records of decision, FONSI decision documents, and preliminary environmental assessment (PEA) reports. Our local team is supplemented, as needed, by our company’s readily available team of NEPA experts.

SWCA professionals have managed, written, and produced CEQA and NEPA documentation for projects of all types and sizes. Projects have included VMPs; general and specific plan amendments; area plans; parks and open space, residential, commercial, mixed-use, and industrial land development; wineries; mining; water resources; telecommunication projects; energy production and distribution; transportation; pipelines, fiber optic cables, and other linear projects; landfills; and natural resources management plans.

SWCA staff are familiar with the FEMA categorical exclusions and the Final PEA for Typical Recurring Actions Resulting from Fire, Flood, Earthquake, Rain, and Wind Disasters in California to assist in streamlining the NEPA process for vegetation management programs for wildfire reduction throughout California.

Permitting

SWCA planners and biologists have extensive experience coordinating with federal, state, and local regulatory agencies to ensure compliance and consistency with environmental requirements. Our biologists have developed close working relationships with the U.S. Fish and Wildlife Service (USFWS), National Oceanic and Atmospheric Administration (NOAA) Fisheries, U.S. Army Corps of Engineers (USACE), California Department of Fish and Wildlife (CDFW), and Regional Water Quality Control Boards (RWQCBs) throughout California, and are experienced with federal Endangered Species Act (ESA) Section 7 formal and informal consultations and Section 10 HCP preparation as well as the requirements of the Western Riverside Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP). We also assist clients with NEPA and National Historic Preservation Act (NHPA) compliance, often required as part of the Section 404 permitting process. SWCA also regularly works with local agencies and private developers to navigate the emergency notification and reporting process through Western Riverside MSHCP, USACE, RWQCB, CDFW, CCC, and City/County local coastal programs. When projects do require permitting, our goal is to ensure that permit applications are clear and complete, and that impacts are minimized without compromising project activities, resulting in reduced mitigation requirements and quicker permit issuance.

BIOLOGICAL SERVICES

Natural Resource Assessments

SWCA’s California team of biologists includes scientists, restoration ecologists, and botanists respected by their peers and natural resource agency personnel alike. Our biologists have extensive project experience, including conducting siting, alternatives, and constraints analyses; recording and documenting pre-project existing biological conditions; conducting wetland and waters delineations; and developing and implementing specialized studies, mitigation and monitoring plans, and environmental compliance programs.

SANTA CLARA COUNTY CWPP

Santa Clara Fire Department, 2016



PROJECT RELEVANCE

- Public and Private Stakeholders
- Community Engagement: custom online survey portal, social media site and a series of public meetings and workshops
- Comprehensive Risk/ Hazard Analysis
- Recommendations for Increasing Capability of Emergency Services

SWCA provided documentation for a CEQA Statutory Exemption for the town of Los Gatos to implement roadway vegetation management work prior to the 2020 fire season. In addition, SWCA worked with the town of Los Gatos to prepare a VMP for the Town’s openspace areas. The VMP was prepared consistent with the CalVTP, including ensuring that all avoidance and minimization measures align with the CalVTP Standard Project Requirements, to ensure streamlined environmental review process.

SWCA biologists have a thorough understanding of the diverse ecological systems and processes within southern California and Riverside County, as well as its many sensitive natural resources, including jurisdictional and sensitive habitats, rare plants and wildlife species, wetland and water resources, and urban forests and native woodlands. Additionally, we are experts in the laws, regulations, and ordinances that protect sensitive natural resources, as well as the associated agency consultation, permitting, and compliance processes. SWCA biologists are also familiar with and experienced with the Western Riverside MSHCP and implementing the SPRs and mitigation measures associated with the CalVTP, including, but not limited to, training for workers, nesting bird surveys, consistency analysis, preconstruction reconnaissance-level or protocol-level surveys for special-status wildlife or plants, and oversight of wildlife exclusion fencing.



Willow Creek Native Species Monitoring Plan
Madera County, California 2013

Specialized natural resource management services provided by SWCA include:

- Consistency and compliance with the Western Riverside MSHCP.
- Compliance with the federal ESA, Bald and Golden Eagle Protection Act (BGEPA), Migratory Bird Treaty Act (MBTA), Clean Water Act (CWA) Sections 401/404, California Endangered Species Act (CESA), California Coastal Act, Porter-Cologne Water Quality Control Act, and California Fish and Game Code.
- Review and evaluation of species lists from the USFWS Information for Planning and Consultation (IPaC) system, CDFW California Natural Diversity Database (CNDDDB), critical habitat maps, the MSHCP, aerial photographs to identify potential sensitive species habitat, U.S. Geological Survey topographic maps to evaluate the potential for hydrologic resources, National Wetland Inventory maps for wetlands, and the list of Section 303(d) waters maintained by the State Water Resources Control Board.
- Preparation of resource permit applications (e.g., CWA Section 404/401, CDFW Section 1602, coastal development permits) and development of associated mitigation plans.

Focused Endangered Species and/or Nesting Birds Surveys

SWCA staff have experience conducting focused surveys for species throughout California. Our staff understands the CalVTP SPRs associated with surveying for special-status wildlife and nursery sites. Additionally, our staff members have conducted focused surveys for numerous species; least Bell’s vireo (*Vireo bellii pusillus*), western burrowing owl (*Athene cunicularia*), Swainson’s hawk (*Buteo swainsoni*), and coastal California gnatcatcher (*Polioptila californica californica*) are just a few of many examples.



Western Burrowing Owl

SWCA staff can also relocate or oversee the relocation of several special-status plant and animal species. SWCA biological staff hold 10(a)(1)(A) federal recovery permits and/or have been authorized by the USFWS or NOAA National Marine Fisheries Service to relocate/handle multiple species under a biological opinion in the past.

Our biologists carry scientific collecting permits/memorandums of understanding and native plant collection permits issued by the CDFW so that non-listed and/or listed species can be handled or relocated, as necessary. When needed, SWCA works with a network of subconsultants throughout California with special expertise in a particular endangered species or local resource.

Botanical Surveys and Vegetation Mapping

SWCA's highly qualified botanists and biologists are experienced in identifying, classifying, and mapping vegetation communities in habitats throughout California. Vegetation communities are classified in accordance with the California Native Plant Society (CNPS) Vegetation Rapid Assessment Protocol to key the vegetation communities according to the communities or "series" described in *A Manual of California Vegetation Second Edition* and/or other communities or habitats recognized by the CDFW and CNPS. SWCA botanists with local experience also routinely conduct rare plant surveys according to methods recommended by the USFWS, CDFW, and CNPS. Rare plant surveys are required to be conducted according to the methods in the current version of the CDFW's *Protocols for Surveying and Evaluating Impacts to Special-Status Native Plant Populations and Sensitive Natural Communities*.

CULTURAL, HISTORIC, AND PALEONTOLOGICAL RESOURCES

SWCA has provided comprehensive cultural resource management services to businesses and government clients across California for 20 years, as cultural and paleontological resources management is one of SWCA's core services. Our qualified staff includes archaeologists, historians, architectural historians, and paleontologists with an in-depth understanding of federal, state, and local regulations.

Cultural and Historic Resources Services

SWCA offers clients one of the largest cultural resource management programs in the nation. We draw upon a diverse and experienced staff who can help clients achieve compliance with a wide range of federal, state, and local regulations, including NEPA, NHPA Sections 106 and 110 with the National Register of Historic Places (NRHP), as well as CEQA with the California Register of Historical Resources (CRHR). Our cultural team has extensive experience in regulatory compliance and can assist in developing cultural resources agreements, documentation, impacts/effects analysis, and mitigation.

Our cultural resource consulting services include developing project-appropriate Area of Potential Effect or Area of Direct/Indirect Impact maps, records and background literature searches, and archaeological field surveying commensurate with the level of effort for the project needs, such as reconnaissance studies and intensive pedestrian surveys. We deliver high-quality, detailed archaeological site records on California Department of Parks and Recreation 523 Series forms; develop preservation and treatment plans; and perform archaeological site testing/evaluations, data recovery, construction monitoring, and site preservation for cultural resources. Our reporting follows the highest standard and includes technical memoranda, archaeological survey reports, monitoring reports, and agency-specific forms (such as cultural resources constraints reports and historic property survey reports).

Paleontological Resources Services

The SWCA team provides all aspects of paleontological resource services, including monitoring and mitigation, third-party review, assessment, collection, documentation, analysis, preparation, conservation, and education. We have



ARCHITECTURAL HISTORY SERVICES

- Archival research
- Historic resource surveys and assessments
- Developing historical contexts, preservation plans, and interpretive plans
- NRHP and CRHR nominations
- preparing Historic American Buildings Survey/ Historic American Engineering Record/Historic American Landscape Surveys, and other creative mitigation measures

strong relationships with key agency personnel, including the BLM, USFWS, California Department of Transportation, and numerous RWQCBs, among others.

Tribal Consultation Support

With our years of experience supporting wildfire planning, implementation, and response efforts, much of our work takes place on lands that traverse areas of tribal importance.

SWCA is a leader in working with Native American tribal governments, and we have consulted with the local Pechanga Band of Indians on several projects. We assist federal agencies, tribal governments, and industry leaders in all aspects of tribal engagement, relations, and involvement, often serving as liaison for clients. SWCA provides these services from the highest level of federal policy implementation to ethnographic investigations to inform project design and permitting, and for on-the-ground identification of traditional cultural property concerns directly involving Native American tribal members in fieldwork. Our tribal relations team includes environmental permitting and NEPA specialists, as well as anthropologists, ethnographers, and “contact period” historians and archaeologists, providing a wealth of experience and background to assist clients in attaining every aspect of their project goals while navigating tribal engagement.

APPLIED ANTHROPOLOGICAL SERVICES

- Coordination and consultation with the California Native American Heritage Commission (NAHC) and NAHC-listed groups
- NHPA Section 106 consultations
- Assistance with Assembly Bill 52 consultation with California Native American tribes
- Native American Graves Protection and Repatriation Act consultations to establish tribal affiliations
- American Indian Religious Freedom Act consultations.



PROJECT EXPERIENCE

Presented below are representative projects of our wildfire mitigation and fuels management experience, as well as MSHCP/CEQA compliance and cultural resources services. Every project is unique and may require a multitude of different fire planning, fuels management, and environmental compliance tasks; these projects demonstrate how our team is fully capable of providing a suite of diverse services for a comprehensive approach that will result in project success for the City.

CITY OF CORONA COMMUNITY WILDFIRE PROTECTION PLAN

Project Owner / SWCA Client: City of Corona

Dates of Service Contract: 2021–Ongoing

SWCA developed a city-wide CWPP that incorporates risk and hazard assessments of wildland urban interface (WUI) areas in and adjacent to the city of Corona. SWCA worked in close cooperation with external stakeholders, such as the USFS (Cleveland National Forest) and California Department of Forestry and Fire Protection (CAL FIRE), to identify fuels treatments to complement existing and planned fuels reduction efforts in the project area. SWCA facilitated stakeholder and public meetings to solicit feedback on the planning process and integrate the concerns of local residents and land managers into the mitigation recommendations. SWCA developed a detailed hub site and story map to heighten public engagement and facilitate accessibility of the plan.

“ I can’t say enough about SWCA on all levels. Their knowledge and commitment to the project exceeded our expectations. Working with SWCA felt like we were working with our own City staff. Their attention to detail and responsiveness was top notch. It is without reservation I would recommend SWCA for your next project. ”

– Cindi Schmitz, City of Corona Fire Marshall, City of Corona CWPP, CA 2022

In addition, SWCA developed a robust project tracking application that enables the City of Corona to track fuel treatment projects, identify hurdles, and track accomplishments toward reducing wildfire risk on public and private land.

SWCA also provided another value-added service to the City of Corona by developing multimedia content for public outreach purposes. The intent of the video was for the City of Corona to use at its discretion for community engagement and public input.

KERN COUNTY COMMUNITY WILDFIRE PROTECTION PLAN AND FUEL REDUCTION PROJECT-SPECIFIC ANALYSIS

Project Owner / SWCA Client: Kern County Fire Department (KCFD)

Dates of Service Contract: 2020–Ongoing

SWCA recently completed a comprehensive CWPP for Kern County, in conjunction with the KCFD. As part of the CWPP development process, SWCA convened a Core Team of diverse stakeholders and engaged communities during public outreach to ensure a collaborative effort throughout the CWPP process. SWCA carried out a comprehensive assessment of risk and hazard utilizing desktop analysis and field assessment of fuels and WUI conditions. In conjunction with the Core Team, SWCA developed and prioritized recommendations for wildfire risk reduction, including actions to improve forest health and resilience, and measures to reduce structural ignitability and improve community fire adaptation. The final CWPP was approved by all parties and was immediately utilized to seek funding to implement hazardous fuel treatments.

Due to the success of the CWPP, SWCA was retained by the KCFD to prepare CEQA compliance documentation for the proposed Kern County fuel reduction project, which consists of fuel reduction treatments over approximately 700 acres per year within SRAs, totaling approximately 1,188,387.83 acres of SRAs within the county.

The purpose of the fuels reduction project is to conduct a combination of manual, mechanical, and prescribed burning treatments to reduce fuel loading to protect communities and assets from risks associated with wildfire and to provide emergency access points and staging areas for firefighters within the WUI in the SRA. SWCA prepared a PSA to evaluate whether the proposed project was within the scope of the CalVTP PEIR. SWCA also prepared an MMRP outlining the SPRs and mitigation measures included in the PEIR that were applicable to the project and assisted the KCFD with SPR-AD-7 compliance. The Kern County Fuel Reduction PSA is one of the first 24 PSAs to be completed using the CalVTP PEIR tiering process in the state.

THREE RIVERS CWPP; TULARE COUNTY, CALIFORNIA

Project Owner / SWCA Client: Three Rivers Fire Safe Council

Dates of Service Contract: 2021–Ongoing

SWCA developed a comprehensive, community-scale CWPP to address wildfire hazards that threaten residents and natural resources in and around the Three Rivers community. The project involved a detailed, GIS- and field-based wildfire risk and hazard assessment. Additionally, the CWPP prioritized and identified fuel reduction treatments and recommended the types and methods of treatments to protect at-risk communities and pertinent infrastructure. SWCA worked in close cooperation with external stakeholders, such as Tulare County and the USFS, to identify fuel treatments to complement existing and planned fuel reduction efforts in the project area. Throughout the CWPP process, SWCA facilitated stakeholder and public meetings to solicit feedback on the planning process and integrate the concerns of residents and land managers into the mitigation recommendations.

“ SWCA has gone above and beyond in their work to develop a CWPP for the Three Rivers Fire Safe Council. Each and every person was friendly, professional, and went above and beyond to assist in any way that they could. We will truly miss working with Vicky and the entire crew. ”

– Elizabeth LaMar, Three Rivers Fire Safe Council, Three Rivers CWPP, CA 2022

SWCA also developed a detailed story map to heighten public engagement and facilitate accessibility of the plan. Issues addressed in the CWPP included fuel treatments, evacuation concerns, education about wildfire, easing access to wildfire information, investing in and supporting wildfire response, and managing wildfire to protect community values and meet resource management goals, among others. In 2021, a large fire burned near Three Rivers (the KNP Complex Fire), forcing evacuations and threatening the community. SWCA worked with fuels specialists to update the community’s risk assessment and bolster the post-fire information in the final CWPP.

LOS GATOS VEGETATION MANAGEMENT PLAN

Project Owner / SWCA Client: Town of Los Gatos - Department of Parks and Public Works
Dates of Service Contract: 2020–2022

SWCA developed the Santa Clara County CWPP in 2016, and as part of this CWPP, SWCA developed a rigorous risk assessment and priority fuels treatment project for WUI communities within the county boundary. In response to that plan, in 2020 SWCA was contracted to assist the Town of Los Gatos with the development of a comprehensive VMP to promote wildfire safety along the town’s roadways and open space areas. Given that the town is situated on the WUI, this plan is critical for the Town of Los Gatos and its residents to ensure that public and private resources are protected to the greatest extent feasible in the event of a wildfire. However, the existing native vegetation is essential to the overall character of the town, so the plan needed to balance the need to reduce fuel loads with the preservation and enhancement of native habitats wherever feasible.

PROJECT RELEVANCE

- Vegetation Management Analysis
- Risk/ Hazard Analysis
- Public Outreach
- CEQA Documentation
- NEPA Documentation
- GIS

SWCA's restoration ecologists, arborists, and biologists mapped existing native and nonnative vegetation communities and sensitive resources to establish the baseline conditions within the town, which was then utilized by our fire planning experts to assess treatment techniques that can balance safety of the built environment with the enhancement and restoration of the natural environment. To ensure wildfire evacuation routes could be maintained prior to the wildfire season, SWCA prepared a separate VMP for the town's roadways and identified a mechanism to statutorily exempt these activities from CEQA. SWCA also completed the VMP for the town's open space areas consistent with the CalVTP. SWCA anticipates completing a PSA to document that the open space VMP is within the scope of the CalVTP PEIR in order to streamline the CEQA process. Funding for implementation of the VMP is being partially funded by the FEMA Office of Emergency Services and will require NEPA analysis for implementation in addition to CEQA.



RIVERSIDE AIRPORT EXPANSION; RIVERSIDE COUNTY, CALIFORNIA

Project Owner / SWCA Client: City of Riverside / Coffman Associates, Inc

Dates of Service Contract: 2008–2011

SWCA performed a biological study in support of a 132-acre expansion of the Riverside Municipal Airport, which proposed to develop designated parcels north of the existing runway system for aviation uses, construct a taxiway parallel to the existing runway, and fill the area east of the existing runway.

SWCA's services were required to ensure compliance with a number of federal, state, and local laws, including the federal ESA, MBTA, BGEPA, CWA, CESA, and California Fish and Game Code sections. The project site is located within Western Riverside County MSHCP jurisdiction, which mandates conservation of species and their associated habitats in western Riverside County.

A total of 44 plant and 22 wildlife species were observed during the initial survey of the project site and immediate vicinity. Habitat assessments for MSHCP-covered species determined that appropriate habitat for San Diego ambrosia and burrowing owl occurs within the project site. Because the burrowing owl could inhabit the project site throughout the year (nesting season, post-nesting dispersal period, and winter season), construction associated with implementation of the project could potentially impact burrowing owls that inhabit the project site.

SAN DIEGO GAS & ELECTRIC ENVIRONMENTAL SERVICES; SAN DIEGO, CALIFORNIA

Project Owner / SWCA Client: San Diego Gas & Electric (SDG&E)

Dates of Service Contract: 2020–2021

Under a 3-year on-call contract, SWCA is providing environmental consulting services (biological, cultural, paleontological, and wetland delineation and permitting, CEQA/NEPA, Federal Energy Regulatory Commission [FERC], and GIS support) for hundreds of projects across SDG&E's generation facilities, as well as transmission and distribution grid, and throughout SDG&E's territory in San Diego and Orange Counties. Using an in-house team of staff and a large supporting team of disadvantaged business enterprise partners, SWCA provides expertise in environmental science, as well as organization, coordination, and logistical strategy for SDG&E's routine maintenance operations (e.g., wood to steel pole program, Fire Risk Mitigation initiative [FiRM] program, Drone Investigation, Assessment and Repair [DIAR] program, infrastructure undergrounding and right-of-way road work associated with operation and maintenance).

In addition to high-volume operations and maintenance work, SWCA also supports standalone multi-year projects such as wood to steel upgrades that require environmental planning support, as well as detailed cultural and natural resource studies toward environmental impact reports. This contract requires the expert navigation of SDG&E's proprietary environmental database, the use of cutting-edge data collection and management applications like Survey123, ArcGIS Field maps/Collector, and Smartsheets, and the management of a large volume of communications between subject matter experts, construction personnel, utility managers, and regulators.

SWCA's central role in the process has enabled the development of custom workflows and the production of process documents designed to facilitate processes, improve efficiency, and maintain high levels of data robustness.

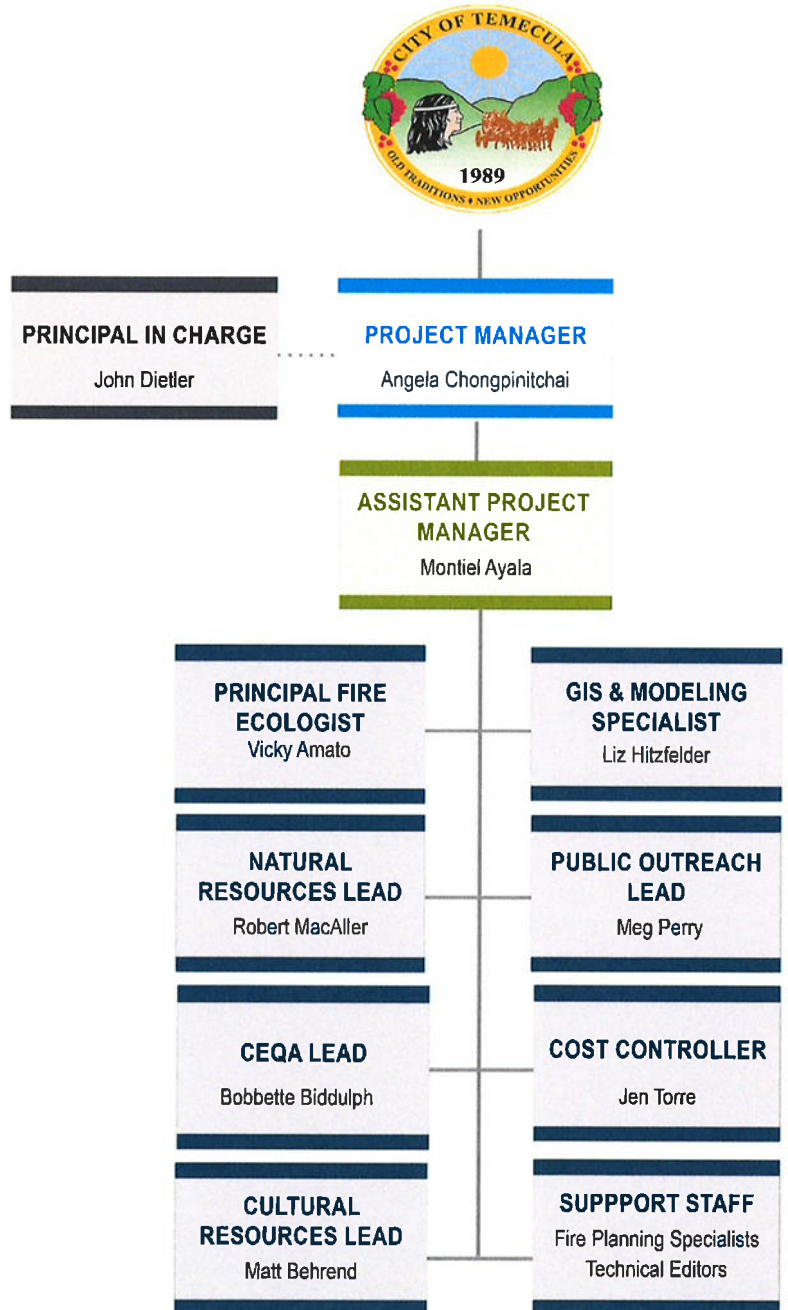
CONTACT INFORMATION

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angela.chongpinitchai@swca.com

KEY PERSONNEL

Project Manager/Senior Fire Planner Angela Chongpinitchai will lead the SWCA team and serve as the primary point of contact through the period of proposal evaluation and during the project. She has extensive experience in fuels management, wildfire resilience planning, and complex cross-boundary fire projects. Through experience that spans over a decade in the fire and fuels profession, Ms. Chongpinitchai has developed an astute awareness of how a well-managed process working with a diverse team and community support leads to successful, implementable projects. Working closely with Ms. Chongpinitchai, Assistant Project Manager Montiel Ayala will provide project management support and a local presence. SWCA’s in-house team of experts, including fire planning specialists, CEQA planners, biologists, cultural resources specialists, GIS specialists, and technical staff, will further support the project through all stages. Jen Torre will provide cost control measures and oversight to ensure project completion within budget and timeline. Principal In Charge John Dietler will provide additional management support to ensure responsiveness to the City, as well as oversight and quality assurance/quality control (QA/QC) for the SWCA team. Dr. Dietler has nearly three decades of experience leading studies, preparing documents, and providing quality control for California environmental projects. He has prepared NEPA and CEQA documents for projects involving wildland fire issues.

Our team members have been selected based on their knowledge and experience with fire planning, wildfire mitigation, community outreach, and environmental compliance. Resumes for key team members are included in Appendix A.



ANGELA CHONGPINITCHAI, M.S. | PROJECT MANAGER

Angela Chongpinitchai is a fire management planning specialist, based in Chico, with over a decade of experience working in fire for the USFS and other federal land management agencies across the country, including in complex fire-prone areas, such as California and the southwest region. She has extensive experience in California collaborating with key stakeholders, such as resource conservation districts, Pacific Gas and Electric Company (PG&E), tribes, and federal agencies on hazardous fuels reduction, fire management planning, and fire mitigation, suppression, and recovery, including CAL FIRE California Climate Investments (CCI) grants and PG&E Recovery Program grants. Notable recent work with the USFS includes leading the Forest Quantitative Wildfire Risk Assessment and Potential Wildfire Operational Delineations effort to streamline decision-making in identifying and prioritizing values at risk, fuels reduction work, and fire response efforts on the Mendocino National Forest direct protection area; developing and managing the Mendocino National Forest forest-wide Prescribed Fire and Fuels Management Strategy (Environmental Assessment) to reduce the threat of catastrophic wildfires and restore resilient ecosystems by reintroducing sustainable fire management across the landscape; designing and instructing the Introduction to Fuels Course for training firefighters in the federal agencies through the Wildland Fire Apprenticeship Program nationwide; and serving on the technical advisory committee for the Colusa County CWPP. She has planned and facilitated multijurisdictional public meetings and outreach for project input and feedback



Ms. Chongpinitchai is committed for the duration of the project and will serve as project manager and technical team lead, facilitate CWPP development team meetings, develop the CWPP risk assessment, coordinate with stakeholders, and draft project recommendations.

MONTIEL AYALA, M.S. | ASSISTANT PROJECT MANAGER

Montiel Ayala is a biologist, based in Pasadena, with a varied academic background in fire ecology, conservation biology, watershed science, and geospatial analysis. He has over 3 years of experience in technical writing, scientific research, spatial analysis, and GIS modeling. His experience includes field operations in varied ecosystems across California and the use of remote sensing and GIS to study fire effects across the western United States. He has substantial knowledge of California’s fire regimes, ecoregions, and wildfire regulations. Mr. Ayala has worked on various CWPPs across California, including the City of Corona, the community of Three Rivers, and Kern and Tulare Counties. He has also worked on CWPPs outside of California, including those for the Kenai Peninsula Borough in Alaska, Union County in Illinois, and Dukes County in Massachusetts. Mr. Ayala is currently working on two CEQA permitting support projects in California—the Richards Ranch Annexation Project for the City of Santa Maria and a transmission line and substation project in San Luis Obispo County.



Mr. Ayala is committed for the duration of the project and will support the team in project administration and management, public outreach, and authoring the draft and final CWPP.

VICKY AMATO, M.S. | PRINCIPAL FIRE PLANNER

Vicky Amato is a principal fire planner, having worked with SWCA on fire plans for over 15 years. While at SWCA, she has developed over 45 CWPPs and FMPs for clients in California, including Santa Clara, Kern, and Tulare Counties; the Three Rivers Fire Safe Council; and the Cities of Corona, Wildwood, and Los Gatos, as well as clients in 25 other states.

“SWCA was fantastic to work with, and I hope we can work together on another project in the future. Vicky Amato was absolutely amazing.”

– *Jeremy Morey, McKean County Planning Director, McKean County CWPP, 2017*

Ms. Amato has considerable experience working with public and private stakeholders, having facilitated multiple outreach meetings, sometimes in controversial settings. She has extensive experience in the development of CWPP risk assessments utilizing fire behavior modeling programs and on-the-ground assessments. She also routinely works with a variety of land management agencies across the United States, including the USFS, BLM, USFWS, U.S. Bureau of Reclamation, Bureau of Indian Affairs, and NPS, studying fuels reduction treatments, forest stand structure, fire behavior, remote sensing classification, and monitoring of burned areas.

“Vicky Amato guided the project and was very helpful with answering all of our questions and keeping the project on track.”

– Alene Carr, Southeastern Illinois Regional Planning and Development, Pope County CWPP 2016, Hardin County CWPP 2019



Ms. Amato is committed for the duration of the project and as a technical team lead will be responsible for data gathering oversight, modeling input, and CWPP risk assessment development.

LIZ HITZFELDER, M.A. GEO | GIS AND FIRE MODELING SPECIALIST

Liz Hitzfelder is a GIS specialist with a geospatial modeling background specializing in fire and vegetation management. She earned her Master of Applied Geography, focused on Geographic Information Science. While in graduate school, she specialized in applications of remote sensing to assess vegetation differencing for geomorphic changes. She is proficient with IFTDSS, ArcGIS, ArcPro, ArcGIS Online, ERDAS Imagine, Pathfinder Office, Python, and other geospatial applications. She has used her expertise for CWPPs and fire projects by providing custom fuel and fire behavior modeling, risk assessment modeling, development of WUI community boundaries, ArcGIS story map production, and GIS analysis. Ms. Hitzfelder has provided GIS services for several CWPPs in California, including the community of Three Rivers and the counties of Kern and Tulare. She has also provided GIS services on CWPPs in other states, such as the Union County CWPP in Illinois and the Martha’s Vineyard CWPP in Massachusetts.



Ms. Hitzfelder is committed for the duration of the project and will be responsible for managing geospatial data, analyzing data, and modeling fire behavior.

BOBBETTE BIDDULPH | CEQA LEAD

Bobbette Biddulph is an environmental and planning consultant based in San Diego with a diverse professional background throughout California. She has a deep knowledge of 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. Her knowledge of CEQA, CEQA case law, environmental regulations, and streamlining opportunities allows her to prepare environmental documents that are technically accurate and provide a clear path for future tiering and streamlining. With a degree in City and Regional Planning, Ms. Biddulph’s academic training provides a necessary foundation to support many types of planning projects.



Ms. Biddulph is committed for the duration of the project and will be responsible for leading and coordinating CEQA efforts and requests.

MATT BEHREND, M.A. | CULTURAL RESOURCES LEAD

Matt Behrend is a San Diego–based archaeologist and is experienced in preparing treatment plans, technical reports, and performing fieldwork to comply with CEQA, NHPA (Section 106), and local cultural resources regulations.



Mr. Behrend has extensive experience directing field crews of various sizes throughout California, the Southwest, the mid-Atlantic, and Alaska.

ROBERT MACALLER | NATURAL RESOURCES LEAD

Robert MacAller is the Southern California Natural Resources Senior Director at SWCA, and he leads our San Diego operation. He began his career as a restoration biologist and has been providing expertise in natural resources related issues for over 28 years. Mr. MacAller has spent the past two decades guiding his clients through the complexities of local, state, and federal environmental regulations to successfully complete their projects. Mr. MacAller has managed large teams to complete challenging projects for private developers, city and county governments, and federal agencies. In addition, he has extensive technical experience working with endangered plants, upland and riparian ecosystems, vernal pool assessments and restoration, construction compliance, and HCP planning. As a habitat restoration expert, he has effectively negotiated, planned, implemented and managed mitigation projects for a variety of habitats throughout California and the southwest. Additionally, he has led multiple departments and offices, developing staff and promoting community involvement, and successfully leading an organization of multi-disciplinary environmental professionals.



Mr. MacAller is committed for the duration of the project and will be responsible for leading and coordinating natural resources efforts and consultation.

MEG PERRY | PUBLIC OUTREACH LEAD

Meg Perry specializes in community and stakeholder engagement processes focused on complex environmental challenges. She has designed and facilitated public hearings and workshops supporting stakeholder input into a variety of environmental decision-making and planning processes. Her recent projects involve hazard assessment and resilience planning for ecosystems, communities, and infrastructure; collaborative water management with state and local agencies and the USACE; federal ESA, NEPA, and NHPA compliance; adaptive management; and mining and renewable energy projects.



Ms. Perry is committed for the duration of the project and will be responsible for public outreach and engagement oversight.

REFERENCES

Cindi Schmitz, Fire Marshall
(951) 738-2220
cindi.schmitz@corona.gov
Corona, California 92878

SWCA developed a city-wide CWPP that incorporates risk and hazard assessments of WUI areas in and adjacent to the city of Corona.

Jeff Gletne Forester
(559) 359-1501
jgletne@kerncountyfire.org
5642 Victor Street
Bakersfield, California 93308

SWCA developed a CWPP that incorporates risk and hazard assessments of WUI areas. SWCA worked in close cooperation with external stakeholders, such as the USFS and CAL FIRE, to identify fuel treatments that complement existing and planned fuel reduction efforts in the project area. SWCA was retained to provide CEQA support for fuel treatments in the CWPP project area.

Ed Orre, Forester Division Chief
(408) 206-3704
15670 Monterey Street
Morgan Hill, California 95037

SWCA contracted by the Santa Clara County Fire Department to develop a high-end CWPP that comprises a comprehensive risk/hazard analysis that includes an assessment of wildland and urban fuels. Based on our work creating the first county-wide CWPP, SWCA was recently contacted by the County and Fire Safe Council and is currently in the contracting process for the 5-year update to the CWPP.

Steve and Elizabeth LaMar
(559) 561-4154
3riversfsc@gmail.com
P.O. Box 449
Three Rivers, California 93271

SWCA developed a CWPP to address wildfire hazards that threaten residents and natural resources in and around the Three Rivers community.

Rob Barr, Wildland Captain
(505) 620-6045
rob.barr@co.valencia.nm.us
444 Luna Avenue SE
Los Lunas, New Mexico 87031

SWCA worked with the communities of Valencia County, New Mexico, to develop a County-level CWPP that would serve to protect the people, infrastructure, and natural resources of the Rio Grande Valley, including the municipalities of Los Lunas and Belen and the Pueblo of Isleta, from catastrophic wildfire. The CWPP involved considerable public input through organized meetings and attendance at public events

LICENSES

SWCA is in the process of obtaining a City of Temecula Business License. We expect to obtain the license prior to the project start date.

SAFETY RECORD

As an employee-owned firm, safety is a responsibility that all SWCA employees take very seriously. This is evident in the foundation of a safety-first culture within SWCA, our commitment to continuous improvement in safety, and maintenance of safety statistics that meet or exceed the industry standards. In addition to complying with SWCA's stringent internal safety program, we are committed to proactively ensuring all work performed is completed in compliance with all regulatory safety requirements, including Occupational Safety and Health Administration (OSHA) standards and regulations, client-specific programs, and all applicable state and federal programs.

SWCA's safety team has more than a half-century of combined safety experience. The team consists of a vice president of risk management, a safety manager, a safety observer/trainer, a safety coordinator, and more than 40 office safety representatives. We also have the full support of management throughout the company, including our entire senior leadership team.

SWCA employees undergo annual safety training that includes core training for all employees and field training intended for those that deploy to the field. Furthermore, Field employees undergo both First Aid/CPR training and defensive driving. To demonstrate SWCA's commitment to safety the entire company participates in a safety kickoff that celebrate accomplishments from the previous year and highlights new safety features along with introducing the upcoming safety theme for the year.

INNOVATIVE METHODS FOR SAFETY

SWCA has been featured in *Safety+Health magazine* on two occasions. One article spotlighted our safety application called *SiREN* (Safety Incident Reporting and Emergency Notification), which enables employees to instantaneously report an incident to their office leadership, the office safety representative, and the corporate safety team. SiREN also contains key contact information, including the following:

- **24/7 Safety Hotline** (855.SOS.SWCA)
- **MedCor**, our third-party medical telephone triage service
- **U.S. Poison Control Hotline**
- A comprehensive **Safety Manual**, an **SOS text feature** that allows employees to send an emergency text
- A **check-in feature** that sends a date/time-stamped email with the employee's current status and location coordinates to their local office

In another *Safety+Health* magazine article, **SWCA's innovative Field Supervisor Safety Certification Program** was highlighted. This comprehensive program involves an initial classroom component, followed by a hands-on field component, a written test, and a final certification.

SAFETY IS A PRIORITY

SWCA has implemented a robust safety program to focus on continually improving safety in the workplace

METRIC	RATING
EMR	0.63
DART	0.22
TRIR	0.22



LITIGATION

DONNA CHICK, AS ADMINISTRATOR OF THE ESTATE OF LOUISE BARBUZZI V. ROLFE HOUSE LIMITED PARTNERSHIP D/B/A ROLFE HOUSE APARTMENTS; SHP MANAGEMENT CORPORATION; NEW ENGLAND ENVIRONMENTAL, INC.; SWCA, INC.; AND OCCUHEALTH, INC.

Project Owner: Rolfe House Limited Partnership D/B/A Rolfe House Apartments
Court: Commonwealth of Massachusetts, Suffolk, SS., Superior Court Department
Filing Date: May 2021
Case No.: Civil Action No. 2084 CV 00745
Basis for Claim: Tenant of retirement home succumbed to legionella; claim alleges that Rolfe House was negligent for not properly managing its plumbing system; SWCA was drawn in as a related party.
Current Status: Ongoing

THE PEOPLE OF THE STATE OF CALIFORNIA V. CUPERTINO ELECTRIC INC., SPOWER SUSTAINABLE POWER GROUP, SWCA, INCORPORATED AND [SWCA EMPLOYEE NAME REDACTED]

Project Owner: SPower Sustainable Power Group
Court: Superior Court of the State of California, for the County of Los Angeles
Filing Date: September 2019
Case No.: 9AN06709
Basis for Claim: Alleged permissance of the removal of an unoccupied nest.
Current Status: Case dismissed

SARAH BOHLING AND BRADLEY BOHLING V. SWCA, INCORPORATED AND [SWCA EMPLOYEE NAME REDACTED]

Project Owner: n/a
Court: State of New Mexico, County of Bernalillo, Second Judicial District
Filing Date: February 2019
Case No.: D-202-CV-2019-01474
Basis for Claim: Vehicle injury accident involving an SWCA employee.
Current Status: Settled out of court on 8/13/21 with no admission of fault accompanied with a strict confidentiality agreement.

DYNAMIC ENERGY V. SWCA, INCORPORATED

Project Owner: Dynamic Energy
Court: n/a – Claim was resolved through mediation
Filing Date: March 25, 2020
Case No.: n/a
Basis for Claim: Massachusetts Attorney General alleged that runoff left the site of a solar emplacement that was being developed by Dynamic Energy. SWCA performed a stormwater pollution prevention plan for Dynamic and was drawn into mediation as a result.
Current Status: Settled out of court on 5/24/21 with no admission of fault accompanied with a strict confidentiality agreement.



TECHNICAL APPROACH AND TIMELINE



PROJECT UNDERSTANDING

The City of Temecula (City) faces challenges such as more frequent and severe wildfires; the presence of CAL FIRE designated Very High Fire Hazard Severity Zones (FHSZs); substantial cultural, biological, ecological, and watershed value of the Temecula Creek project site; critical infrastructure and at-risk communities in the WUI; increased human activity in the sensitive riparian area; and a need to reduce GHG emissions in support of wildfire resilience. As a full-service environmental consulting company, we have navigated the compliance processes that need to be followed to implement projects on completion of the CWPP, including hazardous fuels reduction and defensible space measures. SWCA designs plans that are implementable, sustainable, and effective in expediting time-sensitive mitigation measures. SWCA will develop a strategic and comprehensive Wildfire Prevention Plan and CWPP for the Temecula Creek project area that will also help the City reach short-term and long-term resilience efforts in other fire-risk communities. Additionally, the plans will take advantage of federal and state exemptions providing streamlined environmental review processes and align with available funding, legislation, and CWPP guidance.

The purpose of the Wildfire Prevention Plan and CWPP is to provide an overview of wildland fire risks to residents, wildlife, and structures; recommend mitigation measures to reduce wildfire hazards in the WUI; and recommend strategies and process for fuels reduction in a sensitive riparian environment adjacent to urban development. The approach and plan for this complex WUI and sensitive riparian area will serve as a model for future wildfire mitigation and resilience efforts throughout the City. Our team will work closely with the City, CAL FIRE, local fire authorities, the Pechanga Band of Indians, local Fire Safe Councils, and other relevant organizations, such as The Nature Conservancy (TNC), to develop a comprehensive Wildfire Prevention Plan and CWPP. Local community engagement throughout the process will ensure we develop the plans with broad public and stakeholder support, as well as expand Firewise education throughout the community.

TECHNICAL APPROACH

SWCA proposes the following technical approach to complete a Wildfire Prevention Plan and CWPP for the Temecula Creek project and surrounding WUI and treatment influence zone (TIZ) area. This scope is based on nearly two decades of experience developing CWPPs nationwide, working with multijurisdictional partners to develop community

risk assessments and prioritized action plans for measurable wildfire risk mitigation and GHG reduction. Our proposed technical approach is based upon our experience developing similar deliverables and is structured to integrate the various complexities and cross-boundary elements of the project while still providing trackable steps of project components. We anticipate final plans completed and presented within 20 months from award.

PHASE 1. KICK-OFF AND DATA GATHERING

Task 1. Kickoff Meeting

To initiate the project, SWCA will meet with the City and key partners for an initial kickoff meeting lasting approximately 2 hours. The meeting will be held primarily to identify the goals, objectives, and scope; establish communication protocols; determine initial project scheduling and deliverables; identify preliminary data needs that will facilitate the planning process; and identify the CWPP Development Team members. SWCA will review and evaluate relevant policy, planning, and management documents pertaining to local fire history, wildfire risks and reduction practices, and prevention policies, identifying the additional data that will be necessary for the Wildfire Prevention Plan and CWPP. Documents referenced during plan design will include but are not limited to existing fire mutual aid agreements, local and state strategic fire plans (e.g., 2021 CAL FIRE RRU Strategic Fire Plan), Western Riverside County MSHCP, the City of Temecula Quality of Life Master Plan, the Temecula Local Hazard Mitigation Plan, and the City of Temecula General Plan.

Deliverables and Timeline: Meeting minutes within 2 weeks of meeting, list of additional data needs.

Task 2. Stakeholder Identification

During and following the kickoff meeting, SWCA will identify and compile for the City a comprehensive list of stakeholders critical during plan development. This list may include City of Temecula Emergency Management, Temecula Fire Department, Temecula Valley Unified School District, Riverside County Flood Control, Riverside County Fire Department, Western Riverside Regional Conservation Authority, TNC, the Pechanga Band of Indians, CAL FIRE (Riverside Unit), CDFW, San Diego State University, San Diego State University Foundation, Rancho California Water District, Southern California Edison, Southern California Gas Company, and others as recommended by the City. These stakeholders will be part of the development process and help provide feedback to draft documents. Involvement of representatives from multiple organizations and agencies, including fire management agencies, ensures the Wildfire Prevention Plan and CWPP will align with other land use plans (e.g., the Temecula Local Hazard Mitigation Plan and the MSHCP) and the Temecula General Plan Safety Element, integrating existing plans with future planning for efficiency and effectiveness. SWCA will also lead a discussion regarding requirements for plan approvals to ensure all parties critical to the plan approval and adoption are engaged early and often. Collaboration at all levels is key, as fire management planning is multijurisdictional in nature.

Deliverables and Timeline: Stakeholder list within 2 weeks of the kickoff meeting.

Task 3. Meetings

Biweekly Meetings

SWCA will coordinate, schedule, and host a virtual standing biweekly status update or “check-in” meeting with City staff. These biweekly meetings will all be virtual using the agreed upon software (Microsoft Teams or Zoom) by the City and SWCA. If the City deems an in-person meeting is necessary for a biweekly check-in, SWCA will accommodate up to three of these regularly scheduled meetings in-person at the City Hall. Communication is critical to the success of the project, and SWCA is prepared for additional communication and virtual meetings outside of the standing biweekly check-ins as needed. SWCA will use our SharePoint software to ensure streamlined and efficient sharing of files and data.

CWPP Development Team Meetings

From prior experience, SWCA proposes convening the CWPP Development Team (stakeholder group) for three planning meetings lasting approximately 2 to 3 hours each. SWCA recommends that benchmark meetings, such as for initial CWPP input, review and commenting of the draft CWPP, and final CWPP review, be held in person when possible (see Task 3. Meetings).

Deliverables and Timeline: Meeting summary report within 2 weeks of meeting, meeting agenda for in-person meetings.

PHASE 2. COMMUNITY ENGAGEMENT

Our team has extensive experience with public meeting facilitation and outreach relating to wildfire prevention and fire management planning. The goal of community outreach is to engage local residents in the planning process, determine residents' perceptions of wildfire risk, identify tools that residents need to help them reduce their risk, educate on available tools and opportunities, and solicit feedback on proposed projects. SWCA tailors the approach based on client needs; we suggest a combination of virtual and in person methods to engage as many of the diverse communities of Temecula.

Task 1. Public Outreach Events

This task, in conjunction with Tasks 2 and 3, will bring awareness of the project to local community members on the benefits this type of initiative brings to the area. SWCA will proactively cultivate relationships with trusted local leaders who can help us ensure we are meeting community needs, with particular attention to vulnerable, historically marginalized, and frequently overlooked populations.

SWCA will conduct a minimum of six in-person community outreach events or workshops lasting 2 to 3 hours each, with the option of up to eight total. Two of these community events will be in-person fire prevention trainings for homeowners in the WUI and TIZ (see Task 2. Fire Prevention Training). The public outreach schedule and process will be discussed with the City and CWPP Development Team; SWCA recommends two of the community outreach events occur in alignment with benchmark CWPP Development Team meetings to gather initial input on CWPP development and to receive feedback on the draft CWPP from the community. The SWCA team will provide materials supporting the CWPP outreach, including maps and meeting handouts (see Task 3. Outreach Materials).

SWCA recommends developing a property owner outreach strategy that is both in-person and virtual; while the Temecula Creek project has limited ownership, the surrounding area has an estimated 3,069 homes of varied ownership. Public outreach events, particularly the on-site fire prevention trainings, will be accessible for local homeowners and homeowners association members in the WUI and TIZ. Materials such as pamphlets, mailers, and doorhangers can provide information and updates to supplement outreach events. There are many informative resources available from CAL FIRE, Firewise USA, and other organizations. SWCA will use these as appropriate and increase awareness of these references to property owners. Online materials, such as the project website and social media applications, provide a continuous resource for homeowners that is accessible from anywhere, as well as provide an avenue for community surveys on topics such as preparedness (see Task 3. Outreach Materials). In addition to the in-person outreach events, SWCA recommends using material handouts along with both an online survey and project updates to engage the local homeowners. SWCA will work with the City to determine the timeline and to incorporate local knowledge. Any original materials will be developed and designed by SWCA for the City's approval and production.

Deliverables and Timeline: Minimum of six public outreach events and property owner outreach strategy, ongoing from notice to proceed.

Task 2. Fire Prevention Training

SWCA will host two interactive workshops for the public specifically focused on fire prevention training for communities surrounding the TIZ of the Temecula Creek project area. SWCA will work with the City's Fire Prevention Bureau fire prevention team, CAL FIRE, and local fire departments to design and deliver the workshops. These workshops will focus on how to reduce significant fire risks to residents, homes, and property, particularly for communities in the WUI or TIZ. The City has identified deficiencies in current processes and the goal is to address these deficiencies in the planning process; a critical component is arming residents with the knowledge and the tools to implement effective fire mitigation measures. Current processes do not consider hazards of burning primary structures, hazards presented by embers, and the area surrounding the home ignition zone; these are some of the topics that the workshops will address for homeowners. Additionally, the fire prevention trainings will emphasize the interconnectedness of the landscape regardless of jurisdiction, using examples to show how homeowners in the WUI can be key for both successful fire suppression and management of valued natural resources beyond their backyard. With the designation of Very High FHSZs around the project site, homeowners play a critical role in wildfire risk mitigation. The City has identified that fuels reduction treatments in the 177-acre Temecula Creek project area will protect an adjacent 28,491 acres and 3,048 structures assessed at 1.5 billion dollars.

Deliverables and Timeline: Report of public outreach event within 2 weeks of event.

Task 3. Outreach Materials

SWCA will develop project information, marketing, and outreach materials to engage the community and promote public awareness of the project. These materials include draft posts and announcements for use in print (e.g., citywide mailers, press release, doorhangers) or on Facebook, Twitter, or agency websites (e.g., City of Temecula website). Some of these materials will be references from CAL FIRE and Firewise USA, which SWCA will help centralize and make readily available for homeowners. Communities in the county are often engaged through social media applications, including community Facebook pages and the Nextdoor App; SWCA can provide this type of avenue that has proven success in reaching locals for project support and engagement. For example, an online survey can gauge a community's perception of preparedness for a wildfire. The property owner outreach strategy specifically (Task 1) will include in-person outreach events, material handouts, an online survey, and project updates to social media applications and the project website.

SWCA will build a project website with GIS integration to share interactive maps and other visual materials; this can take the format of a **story map** or a project hub site and can be standalone or a direct link within an existing City website page. SWCA has developed CWPP story maps for clients across the western United States that have been very well received by both clients and the public alike. Both a story map or hub site can be implemented as a platform for collaborative efforts with the CWPP Development Team, the City, and the public; allow for local residents' input via a community survey; and provide interactive information to stakeholders and constituents about project status development. The final story map or project hub site deliverable will house the fully executed final CWPP that will be delivered following completion of the CWPP project. The project website provides the ability to host a project tracking system, which is designed to provide real-time updates and the ability for multi-agency coordination and collaboration well after the completion of the CWPP project.

Deliverables and Timeline: Draft print and/or social media posts and announcements, and project website with updates 2 weeks before community event and/or ongoing from notice to proceed.

PHASE 3. CWPP AND COMPREHENSIVE PREVENTION PLAN

SWCA proposes that the CWPP be structured to align with the **National Cohesive Wildland Fire Management Strategy** (Cohesive Strategy) to facilitate increased integration with national fire policy and funding. The Cohesive Strategy is a strategic push to work collaboratively among all stakeholders and across all landscapes using best science. The City's goals align with the Cohesive Strategy vision of extinguishing fire when needed, using fire when

allowable, managing our natural resources, and living with wildland fire. The CWPP can be structured into the three main goals of the Cohesive Strategy: 1) Restore and Maintain Resilient Landscapes 2) Fire Adapted Communities and 3) Safe and Effective Wildfire Response. Additionally, the CWPP will align with existing documents and plans in the City and region, such as the Local Hazard Mitigation Plan. By incorporating recommended hazardous fuels reduction measures and fire prevention measures for the WUI and TIZ, the CWPP will deliver a strategic and comprehensive Wildfire Prevention Plan.

Task 1. Prepare CWPP components

Community Risk Assessment

SWCA will complete a community risk assessment that addresses at minimum the overall risk of wildfire occurrence to critical infrastructure, potential fire behavior across the landscape, fire occurrence and history, preparedness of communities and the City, and firefighting capacity. The risk assessment will also include community base maps for visuals of assessed components such as fire history, WUI communities, critical infrastructure, at-risk valued resources, City-identified evacuation routes, and location of firefighting resources and water sources, among others. In the past decade, California has experienced more large-scale, high-intensity, high-severity wildfires than ever before, forcing firefighters and fire managers alike to adapt operational tactics and management approaches. Specific components feeding into the community risk assessment take this into account and are outlined below and in the fuels reduction plan (see Task 2. Fuels Reduction Plan).

Fire and Fuels Potential

Baseline fuels data will be obtained from the most recent national LANDFIRE database (or other available fine resolution data sets at the City's recommendation), classifying fuels using the 40 Scott and Burgan fire behavior fuel models. SWCA will work with local fire specialists to determine if any fuel models need calibration to best represent current on-the-ground conditions. Continued drought, persistent below average live fuel moistures, anthropogenic activities, and extreme weather events have altered fuels from historic norms, in turn affecting fire behavior and fire regimes.

Potential fire behavior will be modeled using IFTDSS, which uses metrics such as flame length, rate of spread, spotting distance, and fireline intensity to predict fire behavior across the landscape and impacts to local communities. The fire behavior model will be ground-truthed by SWCA specialists and through discussions with the City and local fire managers to ensure results account for local anomalies in fuels, topography, fire history, and ignitions before finalization. Modeling the spotting distance provides a prediction of how far embers are likely to carry and potentially impact structures in the WUI and TIZ.

A strategic fuels reduction plan will address the hazardous fuels buildup and degradation of the Temecula Creek project, outlining recommended treatment methods and areas of focus to improve the riparian habitat and reduce wildfire risks of extreme fire behavior to communities in the WUI and TIZ (see Task 2. Fuels Reduction Plan).

Wind Modeling

SWCA will use BlueSky Playground, WindNinja, or another platform to model a wind field for expected fire behavior and fire danger in the Temecula Creek project area. This will shape defensible space and fire mitigation measures for the surrounding WUI and TIZ; SWCA will work with the City's Fire Prevention Bureau fire prevention team for best recommended measures stemming from the modeling results. BlueSky Playground has a component that models emissions per acre for a wildfire or a prescribed burn; this includes particulate matter (PM₁₀ and PM_{2.5}). Under the Clean Air Act, EPA sets and reviews national air quality standards for particulate matter (PM); air quality monitors measure concentrations of particulate matter throughout the country. Specifically, PM₁₀ describes inhalable particles that can affect individuals' health.

Preparedness

Wildfire response preparedness involves communities, City staff, and firefighting resources. We will evaluate the location and capacity of firefighting resources, access roads, water availability for suppression activities, and areas that are particularly vulnerable. Defensible space and home-hardening efforts are two measures of community preparedness. Analyzing the safety and efficiency of identified evacuation routes is key to determining City preparedness (see Evacuation Routes below). Finally, reviewing fire station location, staffing levels, water availability, and community ingress/egress help determine emergency response preparedness.

Evacuation Routes

The increase in large-scale wildfires that move quickly across the landscape are increasingly common in California; this has redefined how we view fire prevention and planning, particularly in the WUI. SWCA will analyze the vulnerability and effectiveness of identified evacuation routes, including primary and alternative routes if the City has identified both. Part of the analysis involves assessing road features, including road curvature, grade, length, surface material, connectivity, stability (bridged vs. unbridged), and adjacent structure density. The other part of the analysis involves evaluating fire behavior in landscapes immediately adjacent to roads. Taken together, this can determine the safety and effectiveness of an evacuation route in the event of a wildfire.

Deliverables and Timeline: Draft comprehensive risk assessment with base maps 5 months from notice to proceed. Final comprehensive risk assessment with base maps 6 to 7 months from notice to proceed.

Task 2. Fuels Reduction Plan

The Temecula Creek project site has substantial cultural, biological, ecological, and watershed value. Additionally, the City has identified that fuels reduction treatments in the 177-acre Temecula Creek project area will protect an adjacent 28,491 acres and 3,048 structures assessed at 1.5 billion dollars. The TIZ will benefit six communities: the City of Temecula, De Luz, Pechanga Reservation, Rainbow Valley, the Santa Margarita Ecological Reserve, and unincorporated areas of Riverside County beyond Temecula limits. Of these six communities, the first four are considered at-risk based on CAL FIRE's Wildfire Threat to Communities classification. Given the complex yet sensitive habitat at stake, SWCA will recommend a mixture of complimentary treatment methods that effectively reduce hazardous fuels, remove nonnative and invasive species, restore ecosystem health and resilience to wildfire and other disturbances, improve watershed quality, and enhance wildlife habitat. The intent is to restore native vegetation to healthy fuel loadings for each respective fuel model; by restoring and maintaining ecosystem health, systems are more resilient to impacts from climate change, wildfire, pests, and pathogens, among others. Most importantly, this reduces the threat of catastrophic wildfire burning in a larger than historically normal footprint for given fuel types. The plan will include mitigation measures for reduction of current issues in the project area such as the presence of nonnative species and illicit human activity.

The fuels reduction treatments are targeted for the Temecula Creek project site in conjunction with adjacent lands in the TIZ. Wildfire, like other influences, knows no boundaries and is multijurisdictional in nature. The fuels reduction plan will include yearly monitoring to gauge the efficacy of treatments and adapt treatment prescriptions as necessary with changing conditions under the CalVTP (see Task 1. Environmental Document Recommendations). Additionally, tracking the treatment implementation plan will facilitate the City's reporting of GHG emissions for CCI grant requirements. This approach will provide a viable, sustainable, and long-term fuels management plan for the project site and surrounding area. With continued maintenance of fuel loadings of restored vegetation types, the plan will aid in fire prevention for the WUI and TIZ and decrease impacts from catastrophic wildfire.

Deliverables and Timeline: Fuels reduction recommendations and long-term plan 8 months from notice to proceed.

Task 3. Draft and Final CWPP

SWCA will prepare a draft CWPP for review by the City and CWPP Development Team; the draft documents will be submitted electronically using SWCA's SharePoint site to facilitate review and comment. SWCA recommends facilitating and hosting an in-person meeting to discuss revisions of the draft CWPP; SWCA will ensure the draft CWPP is submitted electronically a minimum of 1 week in advance to allow the Development Team to review beforehand. With the incorporation of the risk assessment, fuels reduction plan, WUI fire prevention plan, and homeowner outreach strategy, the CWPP will address the three goals of the Cohesive Strategy: 1) Restore and Maintain Resilient Landscapes, 2) Fire Adapted Communities, and 3) Safe and Effective Wildfire Response.

Upon completion of the final CWPP, SWCA will produce 10 hard copies of the final CWPP for the City, as well as full electronic copies in both PDF and non-PDF formats. In addition, SWCA will present the final CWPP and any accompanying documents to the Planning Commission and subcommittee and the City Council and subcommittee; this will include one in-person presentation to each of the two groups and up to two additional virtual meetings and/or presentations with each. SWCA will provide all electronic files for transfer from our project SharePoint site.

As described in Phase 2, SWCA will build a project website with GIS integration to share interactive maps and other visual materials; this can take the format of a story map or a project hub site. The project website will highlight the comprehensive risk assessment, fuels reduction plan, and key CWPP points, and will be a source of information on multiple topics for local communities. Full site ownership will be transferred to the City upon completion of the final CWPP to allow for future updates as documents are kept current and projects progress.

Deliverables and Timeline: Draft CWPP 8 months from notice to proceed, City and Development Team revisions no later than 3 weeks from submittal. Final CWPP 10 months from notice to proceed. CWPP presentations 10 to 12 months from notice to proceed. Project website ongoing from notice to proceed.

PHASE 4. ENVIRONMENTAL COMPLIANCE, NATURAL AND CULTURAL RESOURCES

Task 1. Environmental Document Recommendations

SWCA will work with City staff to identify CEQA compliance needs for the recommended actions in the Wildfire Prevention Plan and CWPP, including the fuels treatment plan. The SWCA team will first evaluate the potential for the project to qualify for a statutory exemption under Article 18 of the State CEQA Guidelines, which would be the most expeditious route for CEQA compliance. While it is unlikely that statutory exemptions apply to the entire project, careful review of Article 18 will ensure full consideration as this would be the most streamlined CEQA compliance approach. For example, fuels treatment elements of the CWPP and associated documents may qualify. Assuming statutory exemption(s) would not cover all of the activities proposed, as a second step the SWCA team will evaluate the potential for the project or individual project components with more minor environmental resource impacts to qualify for a categorical exemption under Article 19 of the State CEQA Guidelines. The SWCA team will work with the City to include best management practices to reduce the impacts of the project on environmental resources and avoid the need for any mitigation for environmental resource impacts, to the extent feasible, so the project or additional project components can qualify for a categorical exemption. As part of this evaluation, it will be determined where potential revisions to existing categorical exemptions may be logical. While revisions to Article 19 of the State CEQA Guidelines cannot be ensured unless California Office of Planning and Research (OPR) and the California Natural Resource Agency are supportive, having this assessment will support SWCA's work in Task 2 where such a request for modification to the State CEQA Guidelines will be pursued.

If the project does not qualify for a statutory exemption or categorical exemption, SWCA feels confident that the project will fall within the CalVTP and the appropriate CEQA document will be within the scope of or tiered off the PEIR for the CalVTP. Under the CalVTP process, to attain program and CEQA coverage, the SPR-AD-7 Compliance Notification and PSA are required to be submitted to the California Board of Forestry and Fire Protection. Fuels

treatment activities described in the CalVTP are prescribed burning, manual treatment, mechanical treatment, prescribed herbivory, and herbicide application. Using the coverage provided by the CalVTP and its PEIR may be the most effective route for CEQA compliance; SWCA has recent experience facilitating this specific CEQA coverage under the CalVTP for local agencies (see Project Experience).

SWCA will work with the City early in the process to identify, address, and evaluate viable options to CEQA compliance. Getting input from the City during this process will ensure that the final recommendation(s) are supported by the City. SWCA will present our recommendations in a summary memorandum. Once a final decision is made regarding the recommended approach to the CEQA document, SWCA will prepare a detailed scope of work for the approach.

Deliverables and Timeline: CEQA recommendation memorandum 6 to 7 months from notice to proceed; scope of work for recommended CEQA approach 9 months from notice to proceed.

Task 2. Request Categorical Exemption for Community Wildfire Protection Plans

Article 19 of the State CEQA Guidelines provides the listing of categorical exemptions currently in effect. The current listing of categorical exemptions does not specifically address CWPPs; however, several of the existing exemptions in Article 19 may apply, which will be considered in Task 1. In addition, any public agency can request a new class of categorical exemptions be added or an existing exemption amended. The required procedure, consistent with the OPR guidance, is to send a request to OPR for such a change. SWCA will support the City of Temecula through this process, including initial consultation with OPR to determine the specific information OPR would like to see in such a request; determination of where similar requests have been successful, if possible, and applying "lessons learned;" and developing draft and final versions of the request to OPR. The City would ultimately need to transmit the request as the CEQA lead agency. SWCA's objective in this task is to provide the right level and type of information for OPR to determine that the request be forwarded to the California Natural Resource Agency to go through a formal rule-making process to include the revision and/or addition to the California Code of Regulations and the State CEQA Guidelines.

Deliverables and Timeline: Draft request for categorical exemption for CWPP to City of Temecula 4 months from notice to proceed; final request for categorical exemption for CWPP to OPR 5 months from notice to proceed.

Task 3. Natural Resources

The project area is located in or adjacent to a **Western Riverside County MSHCP** criteria area, in or adjacent to existing conservation easements, and within sensitive riparian habitat. As part of the Joint Project Review (JPR) application process, SWCA will prepare a consistency analysis report. Based on initial review of existing publicly available data, habitat assessments and focused surveys may be required for several species such as least Bell's vireo and coastal California gnatcatcher (among several others) with critical habitat and/or recent records found in the vicinity. SWCA will conduct literature reviews and field assessments of the project area. SWCA will identify focused surveys required and analyze the potential impact of recommended fuels treatment methods and natural resource management activities in relation to the MSHCP requirements. The consistency analysis will include applicable Criteria Cell(s) or Cell Group, an overview of potential Cores and Wildlife Linkages, results of surveys required by the MSHCP, an assessment of impacts to sensitive resources, and proposed mitigation (if needed).

The Temecula Creek project area is part of a wildlife corridor identified in the MSHCP yet is experiencing habitat degradation due to nonnative and invasive species, increased fuel loads, trespassing, and illicit human activities. It is possible that recommended activities will improve and/or restore functions in this part of Temecula Creek, and therefore be self-mitigating. If mitigation is needed, SWCA will prepare a Determination of Biological Equivalent or Superior Preservation (DBESP).

It is anticipated that waters regulated by the state and the USACE are present in the project area. SWCA will prepare a jurisdictional determination to analyze the extent of these waters and, following results of the survey, present a potential permitting strategy to the City, if management and/or mitigation activities may impact these regulated resources.

SWCA anticipates that there may be several environmental issues and potential constraints related to riparian habitat, sensitive and/or listed species, and jurisdictional resources in the project area. As encouraged by the Riverside Conservation Authority (RCA), SWCA recommends coordinating with the RCA, CDFW, USFWS, USACE, and RWQCB as soon as potential impacts regulated by any of these agencies are identified and should be included as stakeholders in the CWPP process.

Deliverables, Assumptions, and Timeline: Recommended CEQA-level MSHCP consistency analysis, JPR application, and associated technical analyses 8 months from notice to proceed. All required habitat assessments and reporting will be completed by this deadline. Once potential habitat is identified SWCA will attend up to two of the monthly RCA/Wildlife Agencies or the Pre-Application Meetings prior to initiating the JPR Process. It is likely that the project area supports sensitive species habitat and the RCA and/or wildlife agencies may require full protocol surveys (as outlined in the Optional Task below) to complete the consistency analysis and the JPR process.

Optional Task

As an optional task, SWCA will provide focused field surveys for the following identified species: least Bell's vireo, western burrowing owl, and coastal California gnatcatcher, as well as rare plant surveys identified during Task 3. Other requested species surveys would be budgeted separately. SWCA biologists will conduct these optional surveys at the project site in suitable habitat for each species within the survey area and a buffer of up to 50 feet (where feasible).

Deliverables, Assumptions, and Timeline: Focused species surveys, to be determined based on notice to proceed date and field season constraints. Depending on agency requirements and species habitat present, surveys could extend 12 to 14 months or longer from notice to proceed. SWCA assumes personnel will have free access to the site for field surveys and no access issues or other delays (weather/safety) will affect the fieldwork schedule. SWCA will not be responsible for survey delays due to unsuitable survey conditions (weather) or unsafe conditions. SWCA will notify client immediately if these conditions arise.

Task 4. Permitting

SWCA will work with City staff to identify permitting that may be needed to move the recommended treatments to implementation. This list will be provided as a matrix and will include, at a minimum, the permit, the permit trigger, the permitting agency, the permit timeline, and a cost estimate to complete the application or environmental document. We understand that environmental compliance tasks could include CDFW Section 2081 Endangered Species Act ITP, CDFW 1602, USACE Section 404, or RWQCB 401 to name a few. We have an in-depth knowledge of the circumstances and conditions that would generate the need for each of these documents and/or permits.

Deliverables and Timeline: Permitting matrix 8 months from notice to proceed.

Task 5. Cultural Resources

SWCA will work with the Pechanga Band of Indians and the City to fully understand and integrate traditional ecological knowledge (TEK) in the development of the plans and recommended actions. Temecula Valley has been the home of the Pechanga people for thousands of years, and recognition and respect for cultural resources and artifacts must influence natural resource management decisions, particularly for fuels and fire management planning. SWCA will work with the Pechanga Band of Indians and the City to ensure TEK is incorporated in wildfire management, fuels treatments, and habitat restoration in a way that is sustainable, cross-boundary, inclusive of tribal concerns, and considers the landscape long-term. SWCA has decades of experience consulting with the California

Native American Heritage Commission (NAHC) and NAHC-listed tribal groups and years of experience with Assembly Bill 52 consultation with California Native American tribes.

SWCA will conduct a confidential CHRIS records search of the project area and a 0.5-mile radius at the Eastern Information Center (EIC), located at the University of California at Riverside, which houses cultural resources records for Riverside County. Specifically, SWCA will obtain copies of resources located within the project area and a 0.5-mile radius, as well as copies of previous studies that intersect the project area or otherwise provide relevant information for assessing cultural resources sensitivity. In addition to the cultural resources inventory records and reports on file at the EIC, SWCA will examine the Determinations of Eligibility listings, and the OHP-prepared Historic Property Data File (Data File). The Data File contains listings for the NRHP, CRHR, State Historical Landmarks, local eligibility listings, and California Points of Historical Interest. The records search at the EIC will be a standard (non-rush) request and will not exceed \$4,000. Should the cost exceed this amount, a change order will be necessary.

SWCA will contact the NAHC for a review of its Sacred Lands File immediately upon contract execution. The NAHC will determine whether any NAHC-listed Native American sacred lands are located within or adjacent to the project area. In addition, the NAHC will provide a list of Native American tribes affiliated with the project area, which SWCA will in turn provide to the City. Support under this task will not constitute tribal consultation under Assembly Bill 52 or Section 106.

To consider built environment historic resources, SWCA will conduct several desktop exercises including verifying whether or not the parcels are within or adjacent to an NRHP-listed or NRHP-eligible historic district, CRHR- or locally listed or eligible historic district, or Mills Act property.

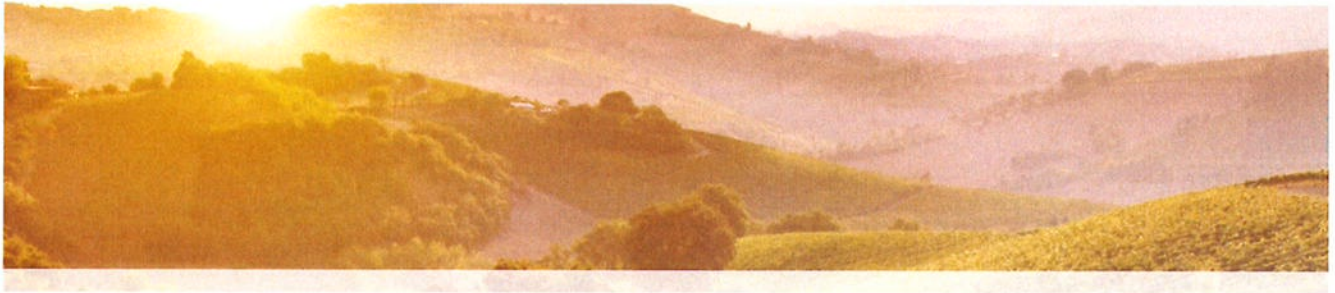
SWCA will use parcel data available from the Riverside County Assessor's Office online database service to complete this task. Where parcel data are unavailable or inconclusive, SWCA will rely on real estate property listings or historic aerials to determine the approximate property construction date. SWCA assumes that all parcels can be referenced online and that an in-person research at the Riverside County Assessor's Office will not be required.

SWCA will review the Built Environment Resources Directory (BERD) as well as the list of California Historical Resources and California Historical Landmarks maintained by the OHP to confirm that the project area is not in or adjacent to an NRHP-listed or NRHP-eligible historic district. SWCA will review the results of the comprehensive confidential records search at the CHRIS EIC for any additional listings not included in the BERD or other sources.

SWCA anticipates that there may be several potential constraints related to cultural resources, traditional cultural landscapes and traditional cultural properties in the project area. After completing the CHRIS and Sacred Lands File searches and tribal outreach outlined above, SWCA will prepare a cultural resources constraints report. The constraints report will be used to inform fuels treatment and management of wildfire and other cultural resources recommendations. It is anticipated that several virtual meetings involving the project proponents, the Pechanga Band of Indians, and SWCA will further serve to inform the results of the cultural resources constraints memorandum. SWCA assumes no fieldwork or in-person meetings will be necessary to complete the cultural resources constraints report.

The locations of sensitive archaeological resources are considered confidential. As such, resource location information will be included in a confidential appendix attached to the report, so that the confidential appendix can be redacted should any version of the report be submitted for public review. A complete version of the report, with the confidential appendix, will be submitted to the EIC for its files.

Deliverables, Assumptions, and Timeline: Assuming current lead times (approximately 6–8 weeks) for records search results from the NAHC and the EIC do not change significantly, the cultural resources constraints report is expected 10 months from notice to proceed.



PRICE



The proposed fee schedule (pricing) for all services and products (Exhibit A) has been provided in Appendix B.

SWCA

APPENDIX A:
Key Personnel Resumes

ANGELA CHONGPINITCHAI, M.S., PROJECT MANAGER

Ms. Chongpinitchai is an experienced fire management planning specialist with extensive knowledge of fire suppression and recovery, fire ecology, fuels and forest health management, and federal laws and regulations, including the National Environmental Policy Act (NEPA). For over a decade she worked for the U.S. Forest Service and other federal land management agencies across the country, including in complex fire-prone areas such as California and the Southwest region in both primary fire and fuels positions. Her strengths are long-term planning, organizational and communication skills, and forming successful partnerships with other individuals and organizations. She has worked with county, state, and federal agencies, timber and utility companies, tribal entities, and academia for cross-boundary projects, fire management planning, and ecosystem restoration efforts. Ms. Chongpinitchai is an effective leader and manager in daily operations of large-scale projects and is adept at advising others on technical forest resource topics, particularly the hazardous fuels challenge and climate change impacts impacting the West. She has planned and facilitated numerous workshops and meetings for public outreach and education on wildfire awareness and fuels management topics, including community protection plans.

Ms. Chongpinitchai brings the unique experience of over a decade as a frontline firefighter in overhead operations and command positions for wildfires and other all-hazard incidents throughout the West. Here she has worked with countless CalFire units, Cal OES, county and municipal departments, tribal entities, private contractors, and other federal firefighting resources in the Incident Command System (ICS) through the National Incident Management System (NIMS).

YEARS OF EXPERIENCE

13

EXPERTISE

Community wildfire protection planning
 Hazardous fuels management in the wildland-urban interface
 Forest health management
 NEPA / CEQA compliance
 Fire ecology
 Post-fire restoration and monitoring
 Vegetation management planning

EDUCATION

M.S., Environment and Natural Resources, e: Forest/Fire Ecology; Ohio State University, Ohio

REGISTRATIONS / CERTIFICATIONS

Adult First Aid/CPR/AED Certified, California; American Red Cross; 2021
 Certified Multiple Resource Wildland Firefighter; National Wildfire Coordinating Group; 2022

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

*** Prescribed Fire and Fuels Management Strategy Environmental Assessment (EA); Mendocino National Forest, California.** Proposed, designed, and led the development of an EA for the restoration of forest health and resilience and the reduction of catastrophic wildfires through prescribed burning and fuels management. Managed an interdisciplinary team to meet NEPA compliance, Land and Resource Management Plan policy, and applicable federal and state agency consultation. *Role: Program Manager. Developed, designed, and led writing of the EA and all core team meetings with U.S. Forest Service personnel, contractors, tribal liaisons, and other collaborators. Organized public outreach meetings and initiatives, working with the Forest Public Affairs Officer for widespread marketing and public commenting response.*

*** Post-Fire Monitoring; Mendocino National Forest, California.** Mendocino National Forest Fire and Fuels managers collaborated with U.S. Forest Service Pacific Northwest Research Station Research Ecologists to design post-fire monitoring programs. Monitoring looks at the effectiveness of different management treatments in moderate to high severity fire footprints from the Ranch Fire (2018) and the August Complex (2020) on federal lands. Management treatments include salvage-logging, mechanical and manual thinning, and prescribed burning. Collected data is modeled using FVS (Forest Vegetation Simulator) and other tools to predict the future stand composition and subsequent fire behavior with new fire starts. *Role: Fire Planner / Fuels Specialist. Co-designed the monitoring protocol and interpreted modeling outcomes for fire management planning.*

MONTIEL AYALA, ASSISTANT PROJECT MANAGER

Mr. Ayala is a biologist with a varied academic background in fire ecology, conservation biology, watershed science, and geospatial analysis (GIS). He has over 3 years of experience in technical writing, scientific research, and spatial analysis and GIS modeling. His experience includes field operations in varied ecosystems across California as well as the use of remote sensing and GIS to study fire effects across the western United States. He has substantial knowledge of California's fire regimes, ecoregions, and wildfire regulations. His graduate-level projects include field-based plant and wildlife surveys as well as pre- and post-fire change detection (NDVI, dNBR, and land surface temperature) of recent California fires—the 2020 Bobcat Fire and the 2021 Dixie Fire.

Mr. Ayala has worked on various Community Wildfire Protection Plans (CWPPs) across California, including the City of Corona, the community of Three Rivers, and the counties of Kern and Tulare. Mr. Ayala has also worked on CWPPs outside of California, including the Kenai Peninsula Borough, Alaska; Union County, Illinois; Bernalillo County, New Mexico; and Dukes County, Massachusetts. In California, he is currently working on the Inyo and Solano County CWPPs. He has also worked on a variety of land/fire management plans and environmental permitting projects for clients throughout the western United States.

YEARS OF EXPERIENCE

3

EXPERTISE

Fire planning

Fire ecology

California wildfire regulations

Conservation biology

Watershed science

Geospatial analysis (GIS)

EDUCATION

M.S., Environmental Science, e: Hydrology; California State University, Los Angeles; 2022

B.S., Biology, e: Ecology and Evolution; California State University, Northridge; 2019

CERTIFICATIONS

Geographic Information Systems Certification, California State University, Los Angeles; 2022

SELECTED PROJECT EXPERIENCE

City of Corona CWPP; City of Corona; Corona, Riverside County, California. SWCA developed a detailed community-scale CWPP to address wildfire hazards and risks in the wildland urban interface (WUI) of Corona, California. SWCA worked with the City of Corona and state and federal partners to develop mitigation measures to address wildfire risk. The project involved extensive public outreach and development of an online story map to support project delivery. *Role: Environmental Specialist. Authored CWPP sections and assisted with project development.*

Tulare County CWPP; Tulare County Resource Conservation District; Tulare County, California. SWCA worked with stakeholders in Tulare County to develop a comprehensive CWPP to address catastrophic fire risk in a diverse WUI. SWCA developed a thorough wildfire risk and hazard assessment for the County that includes desktop analysis (GIS) and field assessments. The CWPP involves collaborative planning that incorporates a large range of stakeholders. The CWPP aligned with a community plan being developed for Three Rivers, a Tulare County WUI area at risk. *Role: Technical Author. Authored CWPP sections and assisted with project development.*

Kern County CWPP; Kern County Fire Department; Kern County, California. SWCA developed a CWPP for Kern County to identify and address wildfire risk within the WUI. The CWPP included extensive stakeholder engagement and the integration of existing GIS data sets to develop a comprehensive risk assessment and deliver recommendations for practical measures to minimize the ignitability of structures throughout the area and reduce hazardous fuels. *Role: Technical Author. Authoring CWPP sections and assisting with project development.*

Richards Ranch Annexation; City of Santa Maria; Santa Barbara County, California. SWCA is preparing an environmental impact report for the annexation, pre-zoning, and approval of a conceptual development plan for approximately 46 acres of property that includes a mix of commercial and high-density residential uses. *Role: Technical Author. Authoring the wildfire section of the EIR.*

VICTORIA AMATO, M.S., PRINCIPAL FIRE ECOLOGIST

Ms. Amato is a natural resources planner with a diverse academic background in forestry, fire ecology, and resource management. While with SWCA she has worked with a variety of land management agencies across the United States, including the U.S. Forest Service, the Bureau of Land Management, and the National Park Service (NPS), studying fuels reduction treatments, forest stand structure, fire behavior, remote sensing classification, and monitoring of burned areas. She has completed classes and coursework in forest and vegetation management, silviculture, forest ecology, ecological restoration, fire ecology, fire behavior, and fire management, and she is familiar with fire modeling using FlamMap, FIREMON, FARSITE, BehavePlus, and FOFEM. She has managed multiple National Environmental Policy Act (NEPA) compliance projects in support of fire management planning, fuel reduction and forest restoration and is the contract manager for a large Blanket Purchase Agreement (BPA) with the NPS for NEPA and Fire Management Planning services across the U.S. She has worked on post-fire monitoring projects as well as a Burned Area Emergency Response project, where she served as fire ecologist and lead report writer.

YEARS OF EXPERIENCE

17

EXPERTISE

Community Wildfire Protection Plans (CWPP)

Forest ecology and management

Ecological restoration

Fire effects monitoring

EDUCATION

M.S., Forestry, e: Fire Ecology/Habitat Management; Colorado State University; Fort Collins, Colorado; 2006

M.S., Resource Management; University of Edinburgh, Scotland; 2003

B.S. with honors, Geography; University of Exeter, England; 2000

REGISTRATIONS / CERTIFICATIONS

Certified Type II Wildland Firefighter, New Mexico; 2017

TRAINING

National Incident Management System –IS-00700a, Federal Emergency Management Agency; 2017

Wildland Firefighter Refresher and Arduous Fitness Test, Valencia County Fire Department; 2017

FIREWISE Communities, Firewise Communities USE; 2007

SELECTED PROJECT EXPERIENCE

City of Corona CWPP; City of Corona Fire Department; Riverside County, California. SWCA is developing a detailed community-scale CWPP to address wildfire hazards and risks in the wildland urban interface (WUI) of Corona, California. SWCA is working with the City of Corona and state and federal partners to develop mitigation measures to address wildfire risk. The project involves extensive public outreach and development of an online story map to support project delivery. *Role: Project Manager. Managing project and will serve as primary author.*

Kern County CWPP; Kern County Fire Department; Kern County, California. SWCA is developing a CWPP for the County to identify and address wildfire risk within the WUI. The CWPP includes extensive stakeholder engagement and the integration of existing GIS data sets to develop a comprehensive risk assessment and deliver recommendations for realistic measures to reduce the ignitability of structures throughout the area and reduce hazardous fuels. *Role: Technical Lead. Stakeholder engagement and technical oversight for development of risk assessment and plan content.*

Tulare County CWPP; Tulare County Resource Conservation District; Tulare County, California. SWCA is working with stakeholders in Tulare County to develop a comprehensive CWPP to address catastrophic fire risk in a diverse WUI. SWCA is developing an intricate wildfire risk and hazard assessment for the County that includes desktop analysis and on-the-ground assessment. The CWPP involves collaborative planning that incorporates a large range of stakeholders. The CWPP is also being aligned with a community plan being developed for Three Rivers, a Tulare County WUI area at risk. *Role: Technical Lead. Providing stakeholder engagement and technical oversight for development of risk assessment and plan content.*

Three Rivers CWPP; Three Rivers Fire Safe Council; Tulare County, California. SWCA is developing a detailed community-scale CWPP to address wildfire hazards that threaten residents and watershed health in and around the Three Rivers community. The project involves extensive public outreach, multiple stakeholder meetings, and a detailed fine-scale wildfire risk and hazard assessment. The CWPP is accompanied by an interactive story map to increase community engagement. *Role: Project Manager. Managing project and will serve as primary author.*

LIZ HITZFELDER, M.A. GEO., GIS AND MODELING SPECIALIST

Ms. Hitzfelder is an Associate Project Geospatial Scientist with a geospatial modeling background specializing in fire and vegetation management. She earned her M.A. in Applied Geography, focused on geographic information science. In graduate school, she specialized in applications of remote sensing to assess vegetation differencing for geomorphic changes. She is proficient with IFTDSS, ArcGIS, ArcPro, ArcGIS Online, ERDAS Imagine, Pathfinder Office, Python, and other geospatial applications. She has used her expertise for CWPPs and fire projects by providing custom fuel and fire behavior modeling, risk assessment modeling, development of wildland–urban interface (WUI) community boundaries, ArcGIS StoryMap production, and geographic information system (GIS) analysis. Ms. Hitzfelder has provided GIS services on several Community Wildfire Protection Plans (CWPPs) across the country, including the Union County CWPP in Illinois and the Martha's Vineyard CWPP in Massachusetts.

YEARS OF EXPERIENCE

4

EXPERTISE

ArcGIS, ArcPro, IFTDSS, Esri Online Applications, ERDAS Imagine, Pathfinder Office, Python, and other geospatial applications

GIS

Community Wildfire Protection Planning

EDUCATION

Master of Applied Geography, Geographical Information Science; Texas State University, San Marcos, Texas; 2019

B.S., Geography Water Resources, m: Geology; Texas State University, San Marcos, Texas; 2017

SELECTED PROJECT EXPERIENCE

Tulare County CWPP; Tulare County Resource Conservation District; Tulare County, California. SWCA is developing a CWPP that covers at-risk areas, including unincorporated and undeveloped land in the foothills and mountains of eastern Tulare County, which includes an intermix of federal, state, and private lands. *Role: GIS Specialist.*

Kern County CWPP; Kern County Fire Department; Kern County, California. SWCA is developing a CWPP that incorporates risk and hazard assessments of WUI areas. SWCA works in close cooperation with external stakeholders such as the U.S. Forest Service in order to identify fuel treatments to complement existing and planned fuel reduction efforts in the project area. *Role: GIS Specialist*

Martha's Vineyard Wildfire Protection Plan; Martha's Vineyard Commission; Dukes County, Massachusetts. SWCA developed a CWPP to evaluate wildfire risk and hazard potential across the eight municipalities of Dukes County, Massachusetts. SWCA worked in close cooperation with stakeholders such as the Massachusetts Department of Conservation and Recreation, local land trusts, fire chiefs, and the Martha's Vineyard Commission to develop a comprehensive assessment of risk, identify potential improvement projects, and provide guidance to the fire departments of Dukes County to increase wildfire response and preparedness. This project was conducted during the

COVID-19 pandemic. As in-person meetings were not allowed during the majority of the CWPP process, SWCA developed innovative solutions for Core Team meetings, public engagement, and stakeholder communication. *Role: GIS Specialist.*

Three Rivers Fire Safe Council CWPP; Tulare County, California. SWCA is developing a CWPP that incorporates risk and hazard assessments of WUI areas in Three Rivers, California. SWCA works in close cooperation with external stakeholders such as the U.S. Forest Service in order to identify fuel treatments to complement existing and planned fuel reduction efforts in the project area. *Role: GIS Specialist and web development for Story Map.*

Union County CWPP; Southern Five Regional Planning District and Development Commission; Union County, Illinois. SWCA developed a CWPP that incorporates risk and hazard assessments of WUI areas in and adjacent to Union County. SWCA worked in close cooperation with external stakeholders, such as the U.S. Forest Service and Illinois Department of Natural Resources, and integrated existing GIS datasets to deliver recommendations for realistic measures to reduce the ignitability of structures throughout the area and reduce hazardous fuels. *Role: GIS Specialist.*

BOBBETTE BIDDULPH, B.S., CEQA LEAD

Ms. Biddulph is an environmental consultant with a diverse professional background throughout California. Her focus is on program management and she has a deep knowledge of the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA). She excels in leading and participating in multidisciplinary teams involving scientists, engineers, and planners. Ms. Biddulph balances competing objectives throughout the planning process, giving 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. With a degree in City and Regional Planning, Ms. Biddulph's academic training provides a necessary foundation to provide a range of services to landowners and municipal planning and public works departments.

YEARS OF EXPERIENCE

29

EXPERTISE

CEQA / NEPA Compliance

Project Management

City and Regional Planning

EDUCATION

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

MEMBERSHIPS

Member, American Planning
Association

Member, Association of Environmental
Professionals

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

* **Bella Linda Residential Development Environmental Impact Report (EIR); City of Temecula; Temecula, California.** The project consisted of the development of an EIR for a residential project in Temecula which consisted of 325 apartment units and 49 senior single-family units. The most controversial issues for the project were the sensitivity from a cultural resources perspective and the Pechanga Band of Luiseño Indians concerns on the project. *Role: Project Director.*

* **Uptown Jefferson Corridor Specific Plan EIR; City of Temecula; Temecula, California.** The City of Temecula envisions the Jefferson Corridor as Temecula's "Great Street." The area is adjacent to the historic Old Town area and is surrounded by a variety of resources that can support the enrichment of the district. The Uptown Jefferson Specific Plan encourages a development pattern that fosters pedestrian activity and capitalizes on the area's proximity to the Murrieta Creek trail. *Role: Project Director. Managed the preparation of the EIR and served in an advisory role for the Specific Plan.*

* **As-Needed Environmental Services; City of San Diego Transportation and Stormwater Department; San Diego County, California.** In addition to providing oversight and CEQA support for the City of San Diego Transportation and Stormwater Department, Ms. Biddulph was also responsible for management and implementation of a key priority project—the San Diego State University (SDSU) Stadium Outfalls project,

which was in an important habitat area of the San Diego River. The project scope of work included CEQA, biological and jurisdictional waters analysis, cultural resources assessment, City of San Diego permitting, and three regulatory agency permits. The project allowed for the smooth transfer of the stadium site by the City of San Diego to California State University for the future SDSU West campus. *Role: Project Manager. Served as an extension of staff, Project Manager, and CEQA specialist.*

* **As-Needed CEQA Support, Resource Monitoring and Biological Restoration Services; County of San Diego Department of Parks and Recreation; San Diego, California.** Provided on-call services for task orders related to development of County park facilities and trails. These projects include 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. Focal projects for which Ms. Biddulph has provided CEQA expertise include the Otay Valley Regional Park Rios Bike Skills Park Initial Study/Mitigated Negative Declaration (IS/MND) and the Sweetwater Campground Expansion Project IS/MND. *Role: Senior CEQA Lead.*

Richards Ranch Annexation; City of Santa Maria; Santa Barbara County, California. SWCA is preparing an EIR for the annexation, pre-zoning, and approval of a conceptual development plan for approximately 46 acres of property that includes a mix of commercial and high-density residential uses. *Role: Project Manager. Ms. Biddulph is overseeing the preparation of the EIR, is the day-to-day contact for the City, and is directing the technical studies to be completed for the project, which include a Water Supply Assessment, Cultural Resources Assessment, and peer reviews of the applicant-procured traffic and biological resources studies.*

MATT BEHREND, M.A., RPA, CULTURAL RESOURCES LEAD

Mr. Behrend is an archaeologist with over 20 years of experience in cultural resources management. He has extensive experience with office-based and field-based duties. Mr. Behrend has led and directed several surveys throughout his career, leading crews of up to 12 people at a time. He has also assisted with field training of crew members and directed site recording as part of survey work. Mr. Behrend has worked on projects in Alaska, Arizona, California, Utah, Texas, Florida, Ohio, Kentucky, Indiana, Pennsylvania, and Ethiopia. His duties as Cultural Resources Section Manager at the Arizona State Land Department included report review, state and federal statutory compliance review, Arizona/National Register eligibility assessment, and direct supervisory duties of cultural resources staff. As an experienced archaeologist, Mr. Behrend prepares treatment plans, data recovery plans, technical reports, and proposals, and has in-depth knowledge of the National Historic Preservation Act (Section 106) and the California Environmental Quality Act (CEQA). Mr. Behrend is listed as Principal Investigator on BLM Permits in California and Arizona.

YEARS OF EXPERIENCE

23

EXPERTISE

Archaeological monitoring

Archaeological excavation, testing, and data recovery

Data Recovery Plans

Cultural resources treatment plans

Prehistoric archaeology

EDUCATION

M.A., Anthropology; University of Florida; Gainesville, Florida; 2002

B.A., Anthropology; Trinity University; San Antonio, Texas; 1999

REGISTRATIONS / CERTIFICATIONS

Registered Professional Archaeologist No. 17212; Register of Professional Archaeologists; 2017

Safety Certified Field Supervisor; 2020

PERMITS

U.S. Bureau of Land Management Cultural Resource Use Permit (CA-20-28), Field Director; CA

TRAINING

CPR/First-Aid, Red Cross; 2021

Project Management Bootcamp, PSMJ Resources, Inc.; 2020

OSHA 30 Hour Construction; 2020

SELECTED PROJECT EXPERIENCE

Carlsbad/Carroll Canyon Habitat Restoration; Kinder Morgan Contracting Services LLC; San Diego County, California. SWCA has provided habitat assessments, natural resource constraints surveys, wetlands permitting, habitat restoration planning, and cultural resource studies for pipeline anomaly testing and repair projects throughout San Diego County, including in the Penasquitos Lagoon Watershed. These projects have included work in sensitive riparian habitats in jurisdictional wetlands, within uplands in the Multi-Habitat Planning Area of the City of San Diego and other preserves, and adjacent to nesting bird habitat. *Role: Archaeologist.*

Yosemite Tuolumne Meadows Campground Phase I Archaeology; Otak, Inc.; Yosemite National Park, Tuolumne County, California. SWCA was retained by Otak, Inc. to conduct archaeological site testing and National Register of Historic Places eligibility evaluation of four prehistoric sites in advance of planned infrastructure improvements at the Tuolumne Meadows Campground within YOSE in Tuolumne County, California. SWCA was required to propose, sign a contract, and mobilize into the field within one week. We managed to mobilize a large crew to get the work done in less than 10 days. Lab work and report writing are still in progress, but the project will be completed in the time that the National Park Service required. *Role: Co-Project Manager.*

Vikings Solar Project Environmental Services; ZGlobal; Imperial County, California. SWCA prepared biological resources, cultural resources, aquatic resources, air quality/GHG emissions, traffic, agricultural land conversion, and paleontological resources studies on an accelerated schedule for a 100-MW solar and storage project in Imperial County. SWCA also provided the client with permitting strategy and CEQA support for the project as it moved through the permitting phase with Imperial County. *Role: Archaeologist.*

SCE Large Cap CWA L028 Rock Ring Archaeo Damage Assessment; Southern California Edison Company; Riverside County, California. At the request of Southern California Edison SWCA conducted a damage assessment of a pre-historic rock ring site inadvertently impacted during wire stringing activities. *Role: Archaeologist. Assisted with preparation of Historic Properties Treatment Plan.*

ROBERT MACALLER, B.S., NATURAL RESOURCES LEAD

Mr. MacAller is the Southern California Natural Resources Director at SWCA. He began his career as a restoration biologist and has been providing expertise in natural resources related issues for over 28 years. Mr. MacAller has spent the past two decades guiding his clients through the complexities of local, state, and federal environmental regulations to successfully complete their projects. Mr. MacAller has managed large teams to complete challenging projects for private developers, city and county governments, and federal agencies. As a habitat restoration expert, he has effectively negotiated, planned, implemented, and managed mitigation projects for a variety of habitats throughout California and the Southwest. Additionally, he has led multiple departments and offices, developing staff and promoting community involvement, and successfully leading an organization of multidisciplinary environmental professionals.

YEARS OF EXPERIENCE

29

EXPERTISE

Habitat assessments

Natural resource surveys

Restoration planning

Restoration ecology

Endangered plants

Upland and riparian ecosystems

EDUCATION

B.S., Biology; San Diego State University

TRAINING

Advanced CEQA, Association of Environmental Professionals

MEMBERSHIPS

Member, Society for Ecological Restoration

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

San Francisquito Canyon Aquatic Barriers Restoration Program; Resource Institute, Inc.; Los Angeles County, California. SWCA in partnership with The Resource Institute is working with the U.S. Forest Service on a National Fish and Wildlife Foundation grant to conduct river restoration at two distinct sites along San Francisquito Creek in the Angeles National Forest. Phase 1 of the program involves baseline conditions analyses, natural channel design/engineering, road crossing design/engineering, developing all required permitting documents (including NEPA and CEQA), stakeholder and community outreach, and biological and cultural resource support (surveys, documents, and permits). *Role: Senior Ecologist. Provided habitat restoration expertise and quality control.*

*** County of San Diego Public Works Environmental Services; County of San Diego, California; San Diego County, California.** Environmental consultant services for the County, primarily natural and cultural resources, noise, air quality, habitat restoration, and preparation of environmental documentation support for public works projects in San Diego County jurisdiction. Assisted the County with long-term monitoring of conservation banks, identification of mitigation parcels, restoration planning, development of environmental documents, focused endangered species surveys, vernal pool monitoring and maintenance, environmental compliance related to road maintenance, and natural resources protection in County rivers. *Role: Principal-in-Charge, Biologist, Restoration Ecologist, Project Manager. Contract and client manager. Provided natural resources staff oversight, quality control review of biological reports, plant data consultation, wildlife habitat evaluations, and habitat restoration recommendations.*

*** El Sobrante Landfill Natural Resources Support Services; El Sobrante Landfill; Riverside County, California.** Provided support to the operations, maintenance, expansion, and compliance with the project Habitat Conservation Plan (HCP). Projects included development of biological reports (biotechnical reports) in compliance with the El Sobrante HCP, monitoring of construction activities, processing and assisting with negotiation of permits with regulatory agencies, and preparation and implementation of native wetland and upland habitat restoration plans. *Role: Project Manager, Principal-in-Charge, Restoration Ecologist.*

*** Pacific Highlands Ranch; Pardee Homes; San Diego County, California.** Negotiated, planned, and implemented 130 acres of upland and riparian habitats throughout designated open space. Established eight breeding pairs of least Bell's vireo in locations they had not been observed in for decades. *Role: Project Manager, Restoration Biologist. Developed master restoration plan, implemented programs, conducted agency outreach and coordination, and provided natural resources management for development construction.*

MEG PERRY, M.E.M., PUBLIC OUTREACH

Ms. Perry is a Facilitator and Program Manager. She has designed and facilitated stakeholder engagement and public input for a variety of environmental decision-making and planning processes. Her recent projects involve hazard assessment and resilience planning for ecosystems, communities, and infrastructure; collaborative water management with state and local agencies and the U.S. Army Corps of Engineers; Endangered Species Act, National Environmental Policy Act, and National Historic Preservation Act compliance; adaptive management; and mining and renewable energy projects.

YEARS OF EXPERIENCE

11

EXPERTISE

Facilitation and multiparty consensus-building

Public and stakeholder engagement

Survey design and public comment analysis

Long-term and large-scale environmental planning

Hazard mitigation planning

EDUCATION

M.E.M., Ecosystem Science and Conservation; Nicholas School of the Environment, Duke University; 2014

Certificate, Community Based Environmental Management; Nicholas School of the Environment, Duke University; 2014

B.A., Biology; Swarthmore College, Swarthmore, Pennsylvania; 2008

TRAINING

Essential Facilitation, Interaction Institute for Social Change; 2015

Advanced Multiparty Negotiation of Environmental Disputes, National Center for Environmental Conflict Resolution; 2018

Private Sector Climate Service Providers Academy, American Society of Adaptation Professionals, 2021

SELECTED PROJECT EXPERIENCE

North Carolina Resilient Coastal Communities Program; North Carolina Department of Environmental Quality; Bertie County, North Carolina. SWCA is providing coastal resiliency planning technical assistance to four counties and municipalities. In cooperation with Community Action Teams in each community, SWCA is conducting community engagement, a risk and vulnerability assessment, and planning, project identification, and prioritization. The final product of this process is a Resilience Strategy for each community that includes a risk and vulnerability assessment report and prioritized resilience project portfolio. *Role: Project Manager.*

Purisima-to-the-Sea Parking Area and Trails Feasibility Study; Midpeninsula Regional Open Space District; San Mateo County, California. SWCA is providing a full service design team to provide professional site planning, technical analysis, and design services to conduct a feasibility study for a new parking area, trailhead, trail connections and pedestrian crossings for the Purisima-to-the-Sea Project. The Purisima-to-the-Sea Trail will be an approximately 15-mile regional trail that will provide east-west connections from Midpen's 5,038-acre Purisima Creek Redwoods Open Space Preserve to the San Mateo County coast, linking the Bay Area Ridge Trail along the Skyline corridor with the California Coastal Trail along the San Mateo coast. *Role: Facilitator.*

Carmel River Floodplain Restoration; McBain Associates; Monterey County, California. SWCA is currently providing environmental services to model, design, and permit restoration of an approximately 1-mile reach of the Carmel River in the Rancho Cañada Unit, Palo Corona Regional Park. SWCA is collaborating with McBain Associates and a 20-person technical advisory committee for holistic habitat restoration of 190 acres of former golf course to provide vital linkage from Palo Corona to Big Sur. *Role: Planning Specialist.*

SCVOSA Coyote Valley Conservation Areas Master Plan Work Order #1; Santa Clara Valley Open Space Authority; Santa Clara County, California. SWCA is currently assisting the Santa Clara Valley Open Space Authority with the development of a comprehensive conservation area master plan to provide an innovative, integrated, science-based, community-informed plan for recently conserved lands in Coyote Valley. The Coyote Valley Conservation Areas Master Plan will create a roadmap for implementing a resilient landscape linkage across the valley between the Diablo Range and Santa Cruz Mountains on the Authority and other partnering agencies conserved lands. SWCA will be providing comprehensive natural and cultural resources, ecological restoration, open space and recreation planning, environmental permitting and review, community engagement, and management services throughout the Master Plan process to facilitate communications between the team, Authority staff, and project stakeholders. *Role: Planning Specialist.*

SWCA

APPENDIX B:

Price

EXHIBIT A – Cost File Pricing Form

The following tables provide a cost summary including labor hours and expense summary for the proposed scope of work. The budget was prepared based on our knowledge of the project, consultation with our technical experts, and experience. We understand that the contract will be on a time and materials, not-to-exceed basis. SWCA will not proceed with any out-of-scope tasks without written consent from the City.

To accommodate project changes and scheduling, it is assumed that SWCA will be able to utilize the overall project funding and will not be held to phase or task limits so long as the overall budget is not exceeded without client approval. SWCA will submit a budget summary with each invoice to provide visibility and track monthly spending.

The proposed costs outlined in Table 1 Total and Per Task Estimated Project Costs are valid for ninety (90) days from the date of the proposal receipt. Any delay in contracting may require a revised cost estimate, project staffing, and project schedule.

To provide the City with the best possible value, and reflecting *SWCA’s commitment to the environment, we have reduced our standard staff billing rates by 3% and direct expense markups by 10%*. Not only will this provide a price-break for the City, but it also aligns and holds true to one of our founding and core services—climate resilience. Furthermore, *we have also decided to maintain our rates through December 2023* instead of applying the typical 3% increase effective January 2023.

Table 1. Total and Per Task Estimated Project Costs

Task	Estimated Time to Complete (Proposed Timeline)	Labor Hours	Labor	Expenses*	Cost
PHASE 1. KICK-OFF AND DATA GATHERING		211	\$24,746	\$1,768	\$26,514
TASK 1. KICKOFF MEETING	Meeting minutes within 2 weeks of meeting, list of additional data needs.	42	\$4,869	\$1,389	\$6,258
TASK 2. IDENTIFY STAKEHOLDERS	Stakeholder list within 2 weeks of the kickoff meeting.	43	\$4,928	\$19	\$4,947
TASK 3. MEETINGS	Meeting summary report within 2 weeks of meeting, meeting agenda for in-person meetings.	126	\$14,949	\$360	\$15,309
PHASE 2. COMMUNITY ENGAGEMENT		405	\$48,882	\$8,872	\$57,754
TASK 1. PUBLIC OUTREACH EVENTS	Minimum of 6 public outreach events and property owner outreach strategy, ongoing from notice to proceed.	240	\$30,497	\$8,872	\$39,369
TASK 2. FIRE PREVENTION TRAINING	Report of public outreach event within 2 weeks of event.	20	\$2,353	\$0	\$2,353
TASK 3. OUTREACH MATERIALS	Draft print and/or social media posts and announcements, and project website with updates 2 weeks before community event and/or ongoing from notice to proceed.	145	\$16,032	\$0	\$16,032
PHASE 3. CWPP AND COMPREHENSIVE PREVENTION PLAN		841	\$92,323	\$4,014	\$96,337
TASK 1. PREPARE CWPP COMPONENTS	Draft comprehensive risk assessment with base maps 5 months from notice to proceed. Final comprehensive risk assessment with	238	\$27,269	\$137	\$27,406

Task	Estimated Time to Complete (Proposed Timeline)	Labor Hours	Labor	Expenses*	Cost
	base maps 6–7 months from notice to proceed.				
TASK 2. FUELS REDUCTION PLAN	Fuels reduction recommendations and long-term plan 8 months from notice to proceed.	29	\$3,844	\$0	\$3,844
TASK 3. DRAFT AND FINAL CWPP	Draft CWPP 8 months from notice to proceed, City and Development Team revisions no later than 3 weeks from submittal. Final CWPP 10 months from notice to proceed. CWPP presentations 10–12 months from notice to proceed. Project website ongoing from notice to proceed.	574	\$61,210	\$3,877	\$65,087
PHASE 4. ENVIRONMENTAL COMPLIANCE, NATURAL AND CULTURAL RESOURCES		711	\$108,071	\$7,350	\$115,421
TASK 1. ENVIRONMENTAL DOCUMENT RECOMMENDATIONS	CEQA recommendation memorandum 6–7 months from notice to proceed; Scope of Work for recommended CEQA approach 9 months from notice to proceed.	68	\$12,615	\$0	\$12,615
TASK 2. REQUEST CATEGORICAL EXEMPTION FOR COMMUNITY WILDFIRE PROTECTION PLANS	Draft request for categorical exemption for CWPP to City of Temecula 4 months from notice to proceed; final request for categorical exemption for CWPP to OPR 5 months from notice to proceed.	33	\$6,157	\$0	\$6,157
TASK 3. NATURAL RESOURCES	Recommended CEQA-level MSHCP consistency analysis, JPR application, and associated technical analyses 8 months from notice to proceed.	269	\$38,381	\$1,260	\$39,641
TASK 4. PERMITTING	Permitting matrix 8 months from notice to proceed	33	\$5,414	\$1,890	\$7,304
TASK 5. CULTURAL RESOURCES	Assuming current lead times (approximately 6–8 weeks) for records search results from the NAHC and the EIC do not change significantly, the cultural resources constraints report is expected 10 months from notice to proceed.	308	\$45,504	\$4,200	\$49,704
PROJECT TOTAL		2,167	\$274,022	\$22,003	\$296,026
OPTIONAL TASK 3.1 FOCUSED FIELD SURVEYS	Focused species surveys, TBD based on notice to proceed date and field season constraints. Depending on agency requirements and species habitat present, surveys could extend 12–14 months or longer from notice to proceed.	313	\$40,784	\$2,657	\$43,441
PROJECT TOTAL WITH OPTIONAL TASKS		2,480	\$314,806	\$24,660	\$339,467

*Expenses include a 5% markup.

SWCA

APPENDIX C:
DIR Contractor Registration



Contractor Information

Legal Entity Name
SWCA, INCORPORATED
Legal Entity Type
Corporation
Status
Active
Registration Number
100017804
Registration effective date
07/01/21
Registration expiration date
06/30/23
Mailing Address
1422 MONTEREY ST., STE. B-C200 SAN LUIS OBISPO 93401 CA United States of America
Physical Address
1422 MONTEREY ST., STE. B-C200 SAN LUIS OBISPO 93401 CA United States of America
Email Address
jhongarmeler@swca.com
Trade Name/DBA
SWCA ENVIRONMENTAL CONSULTANTS
License Number (s)

Registration History

Effective Date	Expiration Date
07/03/18	06/30/19
07/17/17	06/30/18
06/06/16	06/30/17
06/22/15	06/30/16
04/01/15	06/30/15
07/01/19	06/30/21
07/01/21	06/30/23

Legal Entity Information

Corporation Entity Number: C2372849
Federal Employment Identification Number: 860483317
President Name: Joseph Fluder
Vice President Name: DENIS HENRY
Treasurer Name: DENIS HENRY
Secretary Name: DENIS HENRY
CEO Name: JOSEPH FLUDER

Agency for Service:
Agent of Service Name: CT CORPORATION SYSTEM
Agent of Service Mailing Address: 2390 EAST CAMELBACK RD PHOENIX 85016 AZ United States of America

Worker's Compensation

Do you lease employees through Professional Employer Organization (PEO)?: No
Please provide your current worker's compensation insurance information below:

PEO Information	Name	Phone	Email

Insured by Carrier
Policy Holder Name: SWCA, INCORPORATED
Insurance Carrier: XL SPECIALTY INSURANCE COMPANY
Policy Number: WEC001910615
Inception date: 07/26/14
Expiration Date: 07/26/21