



## NOTICE OF ENGINEERING/ENVIRONMENTAL COMMITTEE MEETING APRIL 7, 2023

**NOTICE IS HEREBY GIVEN** that the San Lorenzo Valley Water District has called a meeting of the Engineering/Environmental Committee to be held on **Friday, April 7, 2023, 8:30 a.m.**, SLVWD Conference Room, 12788 Highway 9, Boulder Creek.

Any person in need of any reasonable modification or accommodation in order to participate in the meeting may contact the District Secretary's Office at (831) 430-4636 a minimum of 72 hours prior to the scheduled meeting.

This meeting is being conducted as an in-person meeting under the Brown Act, Government Code section 54953, and a quorum of the Board must participate from the location(s) within the District that are identified above. Members of the public may attend the meeting at the identified location(s). Teleconferencing/videoconferencing access as set forth below is being provided as a convenience only and is not guaranteed. The meeting may continue in person even if teleconferencing/videoconferencing capability is disrupted or unavailable.

**The meeting access information is as follows:**

<https://meet.goto.com/604256661>

You can also dial in using your phone.

(For supported devices, tap a one-touch number below to join instantly.)

United States (Toll Free): 1 866 899 4679

- One-touch: <tel:+18668994679,,604256661#>

United States: +1 (571) 317-3116

- One-touch: <tel:+15713173116,,604256661#>

Access Code: 604-256-661

### AGENDA

1. Convene Meeting/Roll Call
2. Oral Communications

*This portion of the agenda is reserved for Oral Communications by the public for items which are not on the Agenda. Please understand that California law (The Brown Act) limits what the Board can do regarding issues raised during Oral Communication. No action or discussion may occur on issues outside of those already listed on today's agenda. Any person may address the Committee at this time, on any subject that lies within the jurisdiction of the District. Normally, presentations must not exceed five (5) minutes in length, and individuals may only speak once during Oral Communications. Any Director may request that the matter be placed on a future agenda or staff may be directed to provide a brief response.*

3. New Business:

*Members of the public will be given the opportunity to address each scheduled item prior to Committee action. The Chairperson of the Committee may establish a time limit for members of the public to address the Committee on agenda items.*

- a. VEGETATION & FUELS MANAGEMENT CONTRACT AWARD  
Discussion by the Committee and staff regarding Vegetation & Fuels Management contract.

4. Unfinished Business:

*Members of the public will be given the opportunity to address each scheduled item prior to Committee action. The Chairperson of the Committee may establish a time limit for members of the public to address the Committee on agenda items.*

- a. ENGINEERING PROJECTS UPDATE  
Review and discussion by the Committee regarding projects updates.
- b. ENVIRONMENTAL PROJECTS UPDATE  
Review and discussion by the Committee regarding projects updates.

5. Informational Material

Here is a link to previous Engineering/Environmental Committee meeting minutes:

[All Engineering/Environmental Committee Meeting Minutes | San Lorenzo Valley Water District \(slvwd.com\)](#)

6. Adjournment

*Agenda documents, including materials related to an item on this agenda submitted to the Committee after distribution of the agenda packet, are available for public inspection and may be reviewed at the office of the District Secretary, 13060 Highway 9, Boulder Creek, CA 95006 during normal business hours. Such documents may also be available on the District website at [www.slvwd.com](http://www.slvwd.com) subject to staff's ability to post the documents before the meeting.*

**Certification of Posting**

I hereby certify that on March 30, 2023, I posted a copy of the foregoing agenda in the outside display case at the District Office, 13060 Highway 9, and at the SLVWD Boardroom, 12788 Highway 9, Boulder Creek, California, said time being at least 24 hours in advance of the special meeting of the Engineering & Environmental Committee of the San Lorenzo Valley Water District in compliance with California Government Code Section 54956.

Executed at Boulder Creek, California, on March 30, 2023.

\_\_\_\_\_  
Holly B. Hossack, District Secretary

## MEMO

**DATE:** 3/29/23  
**TO:** Engineering & Environmental Committee, SLVWD  
**FROM:** Environmental Programs Manager/Administrative Analyst  
**SUBJECT:** Vegetation & Fuels Management Contract Award

**WRITTEN BY:** Devon Jackson  
**PRESENTED BY:** Carly Blanchard & Devon Jackson

### STAFF RECOMMENDATION

It is recommended that the Engineering & Environmental Committee review this memo and recommend Powers Forestry to the Board of Directs for a contract award not to exceed \$150,000 for Fire/Vegetation Management Maintenance in fiscal years (FYs) 2022/2023 & 2023/2024.

### RECOMMENDED MOTION

None

### BACKGROUND

In February 2023 the District released a Request for Qualifications (RFQ) for Fire/Vegetation Management Maintenance work. The RFQ closed on February 17th, 2023 and qualifications were received from local, regional, and statewide contractors. Travis Tree, Julian Tree Care, Go Native, Powers Forestry, P31 Enterprises, Ecological Concerns, California Reforestation, and Helix all submitted Statements of Qualifications (SOQs). All submittals were qualified to complete fire/vegetation management maintenance work on District owned properties.

District staff is recommending that the Board of Directors approve a contract with Mike Powers, Registered Professional Forester (RPF), for implementation of the fire/vegetation maintenance work. Powers had both the professional oversight experience combined with cost effective labor. Travis Tree did not provide all the required documents for the RFQ and had very high labor rates. Go Native, Ecological Concerns, and Helix had more experience in environmental consulting that is not significantly relevant for this project and their rates were also significantly higher. P31 Enterprises and California Reforestation are not located in the region and could result in operational challenges and higher rates.

### **PRIOR COMMITTEE ACTION**

None

### **FISCAL IMPACT**

\$50,000 FY 2022/2023 (budgeted)

\$100,000 FY 2023/2024

### **ENVIRONMENTAL IMPACT**

CEQA NOE completed August 2021 (see attachment). Biological surveys to be conducted pending site & time of year of work.

### **ATTACHMENTS AND RELEVANT LINKS TO DISTRICT WEBSITE**

- [August 2021 CEQA NOE](#)
- [Fire Management Plan](#)
- [Fire/Vegetation Management Maintenance Request for Qualifications](#)
- Statements of Qualifications (SOQ)

- Travis Tree
- Go Native
- Ecological Concerns
- Helix
- Powers Forestry
- P31 Enterprises
- California Reforestation

RFQ- Annual Vegetation Management  
San Lorenzo Valley Water District  
13060 Hwy 9  
Boulder Creek, CA 95006  
ATTN:Carly Blanchard  
Environmental Programs Manager

Travis Tree Professionals Inc.  
P.O. Box 573  
Boulder Creek, CA 95006  
CSLB#1012641  
CDFL# A1129  
Bob Pilgreen 831-588-2306

The San Lorenzo Valley Water District (SLVWD) is soliciting qualifications and fee sheets from qualified contractors to implement and maintain vegetation fuel reduction through the use of hand crews, heavy equipment, manual and mechanical methods, as well as limited grazing where appropriate annually on District owned lands.

Travis Tree Professionals Inc. is a locally owned business serving the Santa Cruz Mountains for over 40 years. In the past we have worked with the San Lorenzo Valley Water District after the CZU fire. We are fully licensed, bonded and insured. Our crew has worked closely with the Santa Clara County FireSafe Council on Highway 17. We have knowledge of our protected wildlife and we take our work very seriously. Safety is our number 1 priority. On February 8, 2023 Bob Pilgreen, the owner of Travis Tree Professionals Inc., walked the outlined job and has a strong knowledge of what the expectations are.

**Proposal**

Project Manager- \$400.00 per hour  
Supervisor-\$300.00 per hour  
Site Manager-\$200.00 per hour  
Climber- \$200.00 per hour  
Grounds man-\$170.00 per hour

**Equipment**

Dino 92 foot lift-\$275.00 per hour  
40 yard dump truck-\$150.00 hour  
BC 1800 large tree chipper- \$165.00 per hour  
BC 1000 tree chipper- \$125.00 per hour  
Chipper 20 yard box truck-\$130.00 hour  
Skidsteer- \$125.00 per hour  
Crew truck- \$75.00 per hour

Please provide us with the required DIR prevailing wage rates for this project.



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MMDDYYYY)  
2/17/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. \*A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	FRANK VITALE INS AGENCY 4067 Cory St Soquel, CA 95073	CONTACT PHONE: (831)462-9222 FAX: (831)462-9299 E-MAIL: elizabete@vitale@yahoo.com ADDRESS: elizabete@vitale@yahoo.com	INSURER(S) AFFORDING COVERAGE NAIC # 10328
INSURED	TRAVIS TREE PROFESSIONALS, INC P. O. BOX 573 BOULDER CREEK CA 95006	INSURER A: GEMINI INSURANCE CO INSURER B: NATIONWIDE MUTUAL INSURANCE CO INSURER C: STATE COMPENSATION INS FUND INSURER D: BUSINESS ALLIANCE INSURANCE CO INSURER E: INSURER F:	NAIC # 23787 35076 10830

COVERAGES CERTIFICATE NUMBER: CA 95006

REVISION NUMBER:

LINE	TYPE OF INSURANCE	ADDITIONAL INSURED	POLICY NUMBER	POLICY EFF. DATE (MMDDYYYY)	POLICY EXP. DATE (MMDDYYYY)	LIMITS
A	COMMERCIAL GENERAL LIABILITY <input checked="" type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:		VIGP022614	11/9/2022	11/9/2023	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea. occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMPIOP/ AGG \$ 2,000,000
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> AUTOS ONLY UMBRELLA LIAB OCCUR EXCESS LIAB CLAIMS-MADE DED RETENTION \$		ACP3029959116	11/9/2022	11/9/2023	COMBINED SINGLE LIMIT (Ea. accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ EACH OCCURRENCE \$ AGGREGATE \$
C	WORKERS COMPENSATION ANY EMPLOYER/EMPLOYEE <input type="checkbox"/> ANY EMPLOYEE/EXECUTIVE OFFICER/MEMBER EXCLUDED (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A	9137303-22	7/10/2022	7/10/2023	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER EL. EACH ACCIDENT \$ 1,000,000 EL. DISEASE - EA EMPLOYEE \$ 1,000,000 EL. DISEASE - POLICY LIMIT \$ 1,000,000
D	CONTRACTOR'S BOND		G110107497264	2/16/2021	2/16/2024	LIMIT \$ 25,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

\*FOR PROOF OF INSURANCE PURPOSES ONLY\*

CERTIFICATE HOLDER	TRAVIS TREE PROFESSIONALS, INC P. O. BOX 573 BOULDER CREEK, CA 95006	CANCELLATION	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
		AUTHORIZED REPRESENTATIVE	<i>Elizabeth Vitale</i> 1986-2015 ACORD CORPORATION. All rights reserved.

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DATE (MM/DD/YYYY)  
2/17/2023

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IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER  
FRANK VITALE INS AGENCY  
4067 Cory St  
Soquel, CA 95073

INSURED  
TRAVIS TREE PROFESSIONALS, INC  
Bob (owner)  
P. O. BOX 573  
BOULDER CREEK, CA 95006

INSURER A: UNDERWRITERS AT LLOYDS OF LONDON  
INSURER B:  
INSURER C:  
INSURER D:  
INSURER E:  
INSURER F:

PHONE (A.C. No. Exp.) (831)462-9222  
FAX (A.C. No.) (831)462-9299  
ADDRESS: fvital@99@gmail.com  
INSURER(S) AFFORDING COVERAGE  
INSURER A: UNDERWRITERS AT LLOYDS OF LONDON  
MAIC # 15792

**COVERAGES**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDITIONAL INSURED	POLICY NUMBER	POLICY EFF. DATE	POLICY EXPIRATION DATE	LIMITS
A	LOGGERS BROAD FORM		LLC44716	11/9/2022	11/9/2023	\$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

\*FOR PROOF OF INSURANCE PURPOSES ONLY\*

**CERTIFICATE HOLDER**

TRAVIS TREE PROFESSIONALS, INC  
P. O. BOX 573  
BOULDER CREEK, CA 95006

**CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE  
*Frank Vitale*  
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# Contractor's License Detail for License # 1012641

**DISCLAIMER: A license status check provides information taken from the CSLB license database. Before relying on this information, you should be aware of the following limitations.**

- CSLB complaint disclosure is restricted by law (B&P 7124.6) If this entity is subject to public complaint disclosure click on link that will appear below for more information. Click here for a definition of disclosable actions.
- Only construction related civil judgments reported to CSLB are disclosed (B&P 7071.17).
- Arbitrations are not listed unless the contractor fails to comply with the terms.
- Due to workload, there may be relevant information that has not yet been entered into the board's license database.

Data current as of 2/17/2023 2:40:13 PM

### Business Information

TRANS TREE PROFESSIONALS INC  
 P O BOX 573  
 BOULDER CREEK, CA 95006  
 Business Phone Number:(831) 588-2306

### Entity Corporation

Issue Date 04/05/2016  
 Reissue Date 03/02/2017  
 Expire Date 03/31/2025

### License Status

This license is current and active.

All information below should be reviewed.

### Classifications

C-61 / D49 - TREE SERVICE

### Bonding Information

#### Contractor's Bond

This license filed a Contractor's Bond with BUSINESS ALLIANCE INSURANCE COMPANY.  
 Bond Number: G110107497264  
 Bond Amount: \$25,000  
 Effective Date: 01/01/2023  
 Contractor's Bond History

#### Bond of Qualifying Individual

The qualifying individual BOBBY TRANS PILGREEN certified that he/she owns 10 percent or more of the voting stock/membership interest of this company; therefore, the Bond of Qualifying Individual is not required.  
 Effective Date: 03/02/2017

### Workers' Compensation

This license has workers compensation insurance with the STATE COMPENSATION INSURANCE FUND

Policy Number:9137303  
 Effective Date: 07/10/2016  
 Expire Date: 07/10/2023  
 Workers' Compensation History

### Miscellaneous Information

03/02/2017 - LICENSE REISSUED TO ANOTHER ENTITY



GO NATIVE, INC.

P.O. Box 370103, Montara, CA 94037  
www.gonativeinc.com  
PH: 650.728.2286  
FAX: 650.728.3067

## 1. Cover Letter

February 17, 2023

To: **Carly Blanchard**  
**Environmental Programs Manager**  
**San Lorenzo Valley Water District**

Re: Response to Request for Statement of Qualifications

Carly:

Thank you for the opportunity of this Request for Qualifications. On the following pages you will find our responses in the format requested. These are based on the information in the original RFQ (12/15/22), Addendum #1 (1/12/23), the meeting with staff and designated site visits (2/8/23), and Addendum #2 (2/10/23).

We understand that the work will consist of wildfire management activities including vegetation management on SLVWD-owned properties, and around infrastructure to reduce the intensity of wildland fires, and will entail mowing and cutting weeds and grasses, removing ladder fuels and dead/downed materials and invasive seedlings and sprouts, falling and disposal of small trees and dead trees, chipping or removing materials from these activities, raking and cleaning work areas, maintaining existing District roads, and protection of native plants and other protected plants and features.


We believe our company is a good candidate, as illustrated in the information in our SOQ, for providing those services. We are familiar with the area – Sempervirens Fund and the Peninsula Open Space Trust (POST) are long-time clients, and we often have projects on their properties in Santa Cruz County.

**Note on Availability:** After the site visit, we had a better understanding of the extent of the workload that would be involved. In consideration of our existing contracts and commitments, we have concluded that Go Native would not be able to provide the volume of services that would be required.

This was also a concern for others on the site tour, and the possibility of there being multiple contractors involved was brought up. The response, as stated in Addendum #2, was that it was a potential option, but one contractor would be preferred. Should that option be explored, we would like to be included in that consideration.

Go Native Inc. is a local small business that specializes in landscape reconstruction for habitat restoration, including contract native plant nursery services. Please don't hesitate to contact me if there are any questions or if more information is needed.

Sincerely,



Chuck Kozak

Go Native, Inc.

PO Box 370103

Montara, CA 94037

<http://gonativeinc.com>

(650) 996 8998 mobile

(650) 728 2286 office

[ckozak@gonativeinc.com](mailto:ckozak@gonativeinc.com)

## 2. Background

### **2a. Basic Information:**

Name of Company: Go Native Inc.  
Address: PO Box 370103  
331 10<sup>th</sup> St. Montara, CA 94037  
Main Telephone: (650) 728-2286

#### Summary Description:

Go Native, Inc. is a privately and independently owned and operated company registered in the State of California as a Small/Micro Business Concern, # 44101, Contractor License #812740 (Landscape and General) specializing in landscape reconstruction for habitat restoration.

#### Areas of Expertise:

##### Native habitat and wildland restoration:

- landform construction for creeks, ponds and drainages,
- erosion control structures,
- native plant installation and maintenance,
- non-native plant eradication and control,
- fire-break creation and maintenance,
- vegetation surveys, mapping, analysis, and monitoring
- remote irrigation systems for restoration projects
- rural road and trail construction and maintenance.

#### Size of Firm:

Go Native has (typically) 8 full-time field technicians, a crew foreman/supervisor, operations and project manager, construction and equipment operations manager, nursery manager and a senior executive project manager/coordinator.

Go Native has been in business for over 26 years, since 1996. No contract or subcontract by Go Native has been terminated, is/was in default, or had claims made against it that resulted in litigation or arbitration in the last 5 years.

## 2b. Services, capabilities, and advantages:

- Go Native's core management team of Dave Sands (Executive project Management), Chuck Kozak (Operations Management), Shawn Dardenelle (Field Supervisor and Project Manager), and John Barnett (Construction & Equipment Manager) bring over 80 years of cumulative experience in Native Habitat Restoration operations. Detailed resumes may be found in Section 4 below.

We have been involved with habitat restoration projects in the San Francisco Bay Area for over 25 years in a wide variety of habitats and situations: wetlands, tidal & freshwater marsh, ponds, creeks, grasslands, coastal scrub, chaparral, redwood, oak and conifer forests, beach dune communities, wildland preserves and public parks. The majority of our projects have involved direct habitat improvement for endangered species of plants and animals.

Project activities have included habitat construction/rehabilitation/mitigation, native plant installation and maintenance (including browse/predation protection), irrigation systems design and installation, remote site watering, non-native plant eradication and control, trail construction, fencing and access control structures, rural road construction and maintenance, firebreak creation and maintenance, and erosion control. Sample projects detailing the complexity, variety and extent of work are included below in Section 3.

- Go Native maintains comprehensive scheduling capabilities and maintains communications with all clients on needs and availability to remain as flexible as possible to meet scheduling requirements and ability to address unexpected/emergency work needs as they arise.
- Our clients include California State Parks, San Mateo County Parks, National Parks Service (GGNRA), Golden Gate National Parks Conservancy, East Bay Regional Parks District, Peninsula Open Space Trust (POST), San Mateo County Public Works, Midpeninsula Regional Open Space District (MROSD), Sempervirens Fund, Save the Redwoods League, Santa Clara Valley Open Space Authority, Santa Clara Valley Habitat Agency, Coastside Land Trust, San Mateo Resource Conservation District, Santa Cruz County Resource Conservation District, Marin County Parks, and the cities/towns of San Francisco, Pacifica, Hillsborough, Portola Valley, Half Moon Bay, and Santa Cruz.

With this variety of clients and project situations, we are very experienced in working effectively with other agencies and their staff and crews, insuring compliance and interacting and working with regulatory agencies, and with operating in situations where regular interfacing with the public occurs.

- Go Native adheres to various sets of Best Management Practices (BMPs) in its work, including:
  - Cleaning and sanitizing of tools, work clothes, vehicles, and trailers to minimize transportation of *Phytophthora* and other pathogens, invasive plant seed or plant propagules, or potential harmful non-native invasive organisms to other locations.
  - Always transporting plant installation materials in clean and sanitized vehicle and trailer beds.

- Ensuring work crews stay within designated access routes to avoid damage to restoration areas and/or creating erosion conditions, and, when unavoidable, repairing and restoring any site impact to client’s satisfaction.
  - Maintaining strict adherence to all Laws, Regulations, and Pest Control Recommendations in the transport, storage, handling, mixing, use and application of herbicide materials, including fully equipping crew technicians with proper PPE and installing necessary postings and signage at application sites.
  - Certifying that all crew technicians are fully and properly trained in use of any power equipment or potentially dangerous manual tools.
  - Maintaining an Illness & Injury Prevention Program (IIPP) and COVID Prevention Plan (CPP) under Cal-OSHA guidelines.
  - Following all restrictions and guidelines from wildlife agencies regarding protection of endangered plant and animal species and habitats.
  - Ensuring that all crew vehicles have water-filled backpack spray tanks and fire extinguishers on board, and in high fire-risk areas, that a water trailer with sufficient capacity is on-site.
- Go Native has been providing Habitat Restoration Services longer than any other company located in the Bay Area and has developed a unique and diverse set of capabilities and experience in a wide variety of Bay wildland and park habitats.

Our managing staff have each been with the company for 20+ years, and many of our crew technicians have been with us for over 10 years. This continuity provides stability, reliability, and assures that staff will have the proper experience, training, and knowledge necessary for complex restoration projects. Three Go Native employees hold Qualified Applicator License (QAL) certifications from the California Department of Pesticide Regulation.

Our staff is experienced in the identification and ecology of California red-legged frog (CRLF), San Francisco garter snake (SFGS), Western pond turtle (WPT), Alameda whipsnake, Salt marsh harvest-mouse, Western clapper rail, California tiger salamander, San Francisco fork-tailed damsel fly, San Francisco dusky-footed woodrat (DFWR), California Steelhead, Coho Salmon, Tidewater Goby, Mission blue butterfly, San Bruno elfin butterfly, Callippe silverspot butterfly, and other Special Status Species. Three of our employees have been approved by CDFW as reporting project monitors in Special Status Species areas.

As a small business, our clients know that they will be dealing directly with the personnel managing and doing the work, and that administrative matters can be handled quickly and efficiently.

## 2c. Equipment Lists:

### In-house:

- Hand tools (shovels, rakes, hoes, pick-axes, hand-picks,
- Weed trimmers (string and metal blade)
- Chain saws (10-20", pole saws)
- Trail & High Weed powered walk-behind mower
- Multi-quip 550 gallon Water Trailer
- Hydraulic Dump Trailer (5 yd)
- Utility Trailers (10, 12, and 20 ft)
- Kubota 3240 tractor with 6 ft flailing mower or scrapper box attachment
- Takeuchi 290 excavator with optional boom mower attachment
- Green Climber LV600 remote controlled track mower/masticator
- Herbicide application equipment:
  - Backpack sprayers
  - Skid tank sprayer
  - Boom sprayer
  - 4WD UTV (4 seats)
  - Weedtechnics SW900 trailer mounted saturated steam generator for non-chemical weed control
  - Red Dragon propane backpack flaming units for non-chemical weed control.

### Commonly Rented for Projects:

- Gas-powered trencher
- Second Excavator or Back-Hoe
- Bulldozer
- Compactor
- Dump Truck
- Water Truck
- Loader
- Chipper



### 3. Experience

#### **3a. Town of Hillsborough Vegetation Management for Fire Control – 2020-2022**

Go Native Project Managers: Chuck Kozak, Shawn Dardenelle  
Client: Town of Hillsborough, San Mateo County  
Ed Conney, Project Manager, Department of Public Works  
P: (650) 375-7505, [ecooney@hillsborough.net](mailto:ecooney@hillsborough.net)

A 3-year contract for vegetation control in open space areas and utility easements throughout the town of Hillsborough. Focus of work includes management of fire risks in open space areas through fire load reduction (removal of excess forest floor litter and thinning of young trees), fire ladder elimination (up-trimming existing trees to remove lower limbs and removal of dead or hazardous trees), shrubland maintenance by thinning and separation, and grassland maintenance by mowing and mulching to reduce thatch accumulation, reduce seed development of non-native annual grasses, and encourage development of native perennial grasses.

Trails and fire roads throughout the town were also maintained to ensure wide buffer zones for the creation of fire breaks and to allow access for fire prevention equipment and personnel. Trash racks on creeks and drainages were periodically cleaned to remove buildup of flammable materials and reduce flooding and erosion.

#### **3b. Shaded Fire Breaks at Quarry Park – 2020 to Present (ongoing)**

Go Native Project Managers: Chuck Kozak and Shawn Dardenelle  
Client: San Mateo County Parks Department  
Dan Krug, San Mateo County Arborist  
Office: (650) 599-1371, Cell: (650) 207-0557 - [dkrug@smcgov.org](mailto:dkrug@smcgov.org)

Quarry Park is a 517 acre property in El Granada, San Mateo County. This project consists of construction, maintenance, and enhancement of shaded fire breaks along 8+ miles of trails and fire roads throughout the property.

<https://www.smcgov.org/parks/quarry-park-fuel-reduction>

This project is a specific work call-out from Go Native's on-going on-call contract for vegetation management services with San Mateo County Parks.

Work has included blue-gum eucalyptus removal and control, forest floor flammable litter removal, non-native brush/woody species control (french broom, cotoneaster, eucalyptus, acacia, English ivy) and control/removal of non-native herbaceous species (wild fennel, poison hemlock, jubata grass, cape ivy), and up-trimming of existing trees to reduce fuel-ladders.

Methods employed for control include manual removal by hand pulling, weed wrenches and shovels/pick axes, mowing with brush cutters, brush mowers and masticators; and herbicide control using foliar spray application and cut-stump treatments.

**3c. On-call Contracts for Vegetation Management Services – 2015 to Present (ongoing)**

Go Native Project Managers: Dave Sands & Chuck Kozak  
Client: San Mateo County Department of Public Works  
Julie Casagrande, Resource Management Program Manager  
Office: (650) 599-1457, [jcasagrande@smcgov.org](mailto:jcasagrande@smcgov.org)

Inspection, Maintenance and Construction Services for Landscaping, Mitigation, Restoration or Conservation Areas - work has included drainage construction, wetland/riparian construction mitigation, erosion control, revegetation design and installation, invasive control, bioswale construction and maintenance. Original contract extended for optional 2 years.

#### 4. Staff Experience:

The following are three detailed resumes of the proposed principal-in-charge and project manager(s).

**H. David Sands - President and Owner, Go Native Inc.**  
**650 996 8996 - [dsands@gonativeinc.com](mailto:dsands@gonativeinc.com)**

#### **Executive Project Management**

Dave Sands is Owner and President of Go Native, Inc. He oversees all corporate management, financial and contractual decisions, and operations. Dave founded Go Native Nursery in 1996 out of a love for native plants and a desire to make a difference. With 25 years of management skills learned in other industries, he crafted a company that has grown and expanded well beyond its original business plan. Go Native has been involved in some of the largest restoration projects on the coastside. Its success is due in great measure to the excellent people it has been fortunate to attract, and to Dave's creativity and foresight in planning for the development of the skills and resources needed to be successful in this field.

Project scopes have ranged from multi-year habitat restorations for major open space agencies to working with local non-profits on their volunteer projects. Dave's management talent is reflected in the success of the many projects Go Native has completed throughout the Bay Area. The following is a sample of some of the projects Dave has managed:

- San Pedro Creek, Pacifica, San Mateo County. Three phases of the San Pedro Creek restoration project for the City of Pacifica (almost one full mile of completely reconstructed creek bed), 1996 - 2006.
- Frenchman's Creek Steelhead Habitat Restoration, Half Moon Bay, San Mateo County - Lead contractor for the removal of eroding culvert road crossing and replacement with clear span railcar- bridge. In conjunction with San Mateo County RCD and Swaim Biological. 2008 - 2009.
- Año Nuevo Island, Año Nuevo State Preserve, San Mateo County - Restoration of island habitat for breeding area of endangered Rhinoceros auklet on Año Nuevo Island in San Mateo County. In conjunction with Oikonos and California State Parks. 2002 - 2018.
- Pillar Point Bluff jubata grass removal and Coastal Trail Link, Moss Beach, San Mateo County. Sole construction contractor on the rehabilitation of a 160-acre parcel owned by the Peninsula Open Space Trust (POST). In conjunction with POST, California Coastal Conservancy, and San Mateo County Parks, 2004-2008.
- Cowell-Purisima Coastal Trail, San Mateo County. Construction and Maintenance of 3 miles of Coastal Trail section south of Half Moon Bay. In conjunction with California Coastal Commission, Peninsula Open Space Trust.
- Wavecrest Coastal Trail Segment, San Mateo County – 0.35 miles of trail south of Poplar Beach in Half Moon Bay. In conjunction with Coastside Land Trust, Peninsula Open Space

Trust, California Coastal Commission, San Mateo County Parks, 2014

- Large Woody Debris (LWD) construction and installation along San Vicente and Scott Creeks in Santa Cruz County. In conjunction with Santa Cruz County Resource Conservation District, Sempervirens Fund, Swanton Pacific Ranch, Cal-Poly. 2014-2016.
- Road and trail construction, improvement, and maintenance, various locations in the Santa Cruz mountains. In conjunction with San Mateo and Santa Cruz County Resource Conservation Districts, Sempervirens Fund, Peninsula Open Space District, California State Parks, and Save the Redwoods League, 2010-2020.
- Road and trail repair and remediation after the CZU 2020 Lightning Complex Fire, with Save the Redwoods League, Sempervirens Fund, California State Parks
- Endangered plant species *Leptosiphon croceus* (yellow coast leptosiphon), range expansion, Pillar Point Bluffs, San Mateo County. In conjunction with San Mateo County Parks, 2019-2022.

**Chuck Kozak –Vice President of Operations, Go Native Inc.**  
650 996 8998 - [ckozak@gonativeinc.com](mailto:ckozak@gonativeinc.com)

### **Project Manager and Quality Control**

Chuck Kozak is Vice President of Operations for Go Native, and oversees project development, evaluation, value engineering, implementation, documentation and scheduling.

Chuck joined Go Native over 20 years ago. He contributes experience and skills that range from natural resource assessment, habitat protection and enhancement, and project management to computer graphics, writing, and irrigation design and installation. He manages the project resources, report writing, gathering GPS data, map generation, data sets and spread sheets. An avid naturalist, he has worked with many botanists and environmental groups on surveying the native plant populations on the San Mateo County coast and developed one of the first on-line catalogues of native flora in the area: Native Plants of Montara Mountain (<http://plants.montara.com/>). He has served by appointment on numerous committees, advisory groups and task forces for the County of San Mateo on issues dealing with natural resource protection.

Chuck has over two decades of experience with Go Native, Inc. in the planning, designing, and implementation of habitat enhancement projects in the coastal watersheds of Santa Cruz and San Mateo Counties and throughout the San Francisco Bay Area. Since 1997, he has aided wildlife biologists and engineers in biological assessments, pre-construction surveys and during construction monitoring, and is experienced in the identification and ecology of the area's Endangered, Threatened and Special Status Plant and Animal Species.

Past and current projects include:

- Invasive non-native plant surveys of Mindogo Hill Ranch in San Mateo County, including GPS-based mapping, invasive plant population tracking forms, and control recommendations. For Peninsula Open Space Trust and Midpeninsula Open Space District.
- Management and implementation of multi-year, multi-property vegetation management and habitat restoration contracts for San Mateo County Parks, San Mateo County Department of Public Works, East Bay Regional Parks District, San Mateo Resource Conservation District, and Peninsula Open Space Trust.
- Developed and implemented multi-year management control strategies, work plans and monitoring protocols for control and elimination of invasive, non-native *Clematis vitalba* (old man's beard) in the San Vicente Creek watershed in Santa Cruz County for Sempervirens Fund/Peninsula Open Space Trust.
- Plant survey, analysis, and mitigation recommendations for restoration of areas for California State Parks. Member, California Native Plant Society and California Invasive Plant Council. State of California Qualified Applicator License #QL 108086 for herbicide/pesticide application, and is certified in use categories B, C, D, and F for Landscape Maintenance/Public Lands/Recreational Areas, Rights-of-Way, Agricultural, and Aquatic uses.

**Shawn Dardenelle, Go Native Field Project Manager & Crew Supervisor.**  
650 302 3720 – [sdardenelle@gonativeinc.com](mailto:sdardenelle@gonativeinc.com)

### **Crew Supervisor and Field Quality Control**

Shawn manages our experienced and knowledgeable field crews to round out the Go Native project team. Shawn has a B.S. in Earth Sciences (2000) from the University of California at Santa Cruz. Growing up on the San Mateo Coast in a family that donated land to the neighboring Fitzgerald Marine Reserve, Shawn is very familiar with the special requirements of working in public areas and natural habitats. He is fully bi-lingual in English and Spanish so communication with our crew technicians is always complete and fully understood.

Shawn has two decades of directing and managing our experienced and knowledgeable field technicians in the implementation of habitat enhancement projects in the coastal watersheds of Santa Cruz and San Mateo Counties and throughout the San Francisco Bay Area. As a result, he is experienced in the identification and ecology Endangered, Threatened and Special Status Species throughout the Bay Area. Shawn holds State of California Qualifier Applicator License #109110 for herbicide/pesticide application, and is certified in use categories B, D, and F for Landscape Maintenance/Public Lands/Recreational Areas, Agricultural, and Aquatic uses.

Example projects Shawn has managed:

- Calera Creek Cape ivy removal, City of Pacifica
- Calera Creek Habitat Pond management, City of Pacifica
- Pescadero Landfill and Butano Creek Mitigation Projects, San Mateo County Public Works
- Cloverdale Ranch Jubata Grass and Hypericum Canariense Control Projects, Peninsula Open Space Trust
- San Mateo County Parks Department fire break and shaded fire break management
- Invasive plant control and native revegetation at San Bruno Mountain, Wunderlich, and Pillar Point County Parks, San Mateo County Parks
- Town of Hillsborough Open Space Areas Vegetation and Fire-break management
- Town of Portola Valley Town Center native plant landscaping and vegetation control.

### 5. Sub-contractor's Experience

N/A

## 6. Client References

In addition to the contacts in the above listed projects, the following three references are included as requested:

**Hannah Ormshaw**  
**Assistant Director**  
**San Mateo County Parks**  
[hormshaw@smcgov.org](mailto:hormshaw@smcgov.org)  
Office: (650) 599-1377  
Cell: (415) 530-1560

**Ian Rowbotham**  
**Senior Land Stewardship Manager**  
**Sempervirens Fund**  
[irowbotham@sempervirens.org](mailto:irowbotham@sempervirens.org)  
Office: (650) 949-1453 ext 208  
Cell: (415) 516-6136

**Karla Jean Meyers**  
**Project Coordinator – Restoration Project Unit**  
**East Bay Regional Park District**  
[KJMeyers@ebparks.org](mailto:KJMeyers@ebparks.org)  
Office: (510) 544-2622

7. Fee Schedule/Price Proposal through June 2024

<b>Hourly Labor Rates:</b>	
Project Manager	\$95.00
Biologist	\$140.00
Ecologist/Consulting	\$100.00
Foreman	\$75.00
Field Technicians	\$65.00
Qualified Applicator/QAL	\$85.00
Equipment Operator	\$95.00

Mileage (per mile per person) *	\$0.625
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<b>Daily Rates for Equipment:</b>	
Hand tools	included as needed
Weed trimmers/chain saws	\$40.00
High weed mower	\$50.00
Multi-quip 550-gallon Water Trailer	\$150.00
Hydraulic Dump Trailer (5 yd)	\$100.00
Kubota 3240 tractor **	\$450.00
6 ft. flailing mower attachment	\$50.00
scraper box attachment	\$50.00
Takeuchi 290 excavator	\$900.00
boom mower attachment	\$50.00
Green Climber LV600 remote controlled track mower/masticator **	\$700.00
4WD UTV (4 seats)	\$ 100.00
Herbicide application equipment:	
Backpack sprayer	included as needed
Skid tank sprayer	\$40.00
Boom sprayer	\$50.00
Weedtechnics SW900 trailer mounted saturated steam generator for non-chemical weed control	\$250.00

<b>Mark Up Rate for Materials and Rentals</b>	<b>15%</b>
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\* based on 2022 IRS rate, subject to change

\*\* Does not include mobilization charges



Large Area Treatment Cost Rates <sup>(1)</sup>	Per Acre (min/max)
Mechanical Tree/Brush Reduction <sup>(2)</sup>	\$2,500 / \$6,300
Manual Tree/Brush Reduction (hand crews) <sup>(3)</sup>	\$1,875 / \$7,500
Herbicide Application (cut stump) <sup>(4)</sup>	\$1,925 / \$7,700
Mowing <sup>(5)</sup>	\$900 / \$3,900

Example Areas from RFQ using Manual Tree/Brush Reduction (hand crews) above	Projected cost (min/max)
Vegetation management/fuels reduction out to 100 feet from edge of rural, forested roadway for 1,000 linear feet (100,000 sq ft – 2.3 ac)	\$4,300 / \$17,250
Defensible space management out to 100 feet around a water tank or other infrastructure in rural, forested setting (31,415 sq ft – 0.72 ac)	\$1,350 / \$5,400

<sup>(1)</sup> Treatment costs per acre will naturally vary depending on densities, type of vegetation, percentage being removed, topography, and other restricting factors/obstacles (aquatic features, favorable native vegetation, Special Status Species areas, etc.). Rates given represent a scale from simple to complex.

<sup>(2)</sup> Mechanical Tree/Brush Reduction would be with either excavator with boom-mounted brush mower or LV600 remote controlled Track Mower. Tree size would be limited to younger saplings. Excavator would be optimal for very uneven, rocky ground. Rates do not include equipment operator, approx. \$720/day.

<sup>(3)</sup> Range covers from very sparse to very dense brush growth and depends upon terrain and access.

<sup>(4)</sup> As above in <sup>(3)</sup>. Cost does not include herbicides.

<sup>(5)</sup> Range covers from flat open fields (quick with the tractor or LV600) to rocky, mixed vegetation hillsides (crew with individual weed whips). Rates do not include equipment operator for tractor or LV600, approx. \$720/day.



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California Native Plants

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Fax (831) 457-1606  
CCL #778397

**DATE: 2/17/2023**

**RE: San Lorenzo Valley Water District- Fire/Vegetation Management Maintenance**

Dear Carly,

Ecological Concern Inc (ECI) is pleased to provide a proposal for the maintenance of District property and utilities with the focus on fire/vegetation management. We have based the proposal upon our best professional judgment for what will create the most successful and cost-effective project.

Our firm has 31 years of experience performing similar vegetation care and management in the sphere of environmental work to great success and to the satisfaction of many clients and regulatory agencies over the years. Our team of restoration professionals are skilled in fuel load management in wildland and semi-urban areas and have experience working with the Water District on projects such as this. In particular, our firm has performed this work at multiple sites in the past and is excited for the opportunity to do so again.

Please feel free to contact me with any questions regarding this proposal. We look forward to the opportunity to utilize our experience and relationships to add value to your team on this project.

Sincerely,

A handwritten signature in cursive script that reads "John Morley".

John Morley  
Project Manager  
Ecological Concerns Inc  
125 Walk Circle  
Santa Cruz, CA 95060  
831.750.9969 (cell)  
831.457.1606 (fax)  
jmorley@ecologicalconcerns.com



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### **BACKGROUND**

With over 30 years of experience in the habitat restoration and vegetation management field, ECI is uniquely positioned to accomplish the goals of this project. Our team of field and office staff are well versed in native and non native plant identification and management as well as the needs of fuel reduction projects focused on reducing fire danger and protecting utilities. Our company has a standing, full time, crew of 25+ field technicians who are trained and experienced in plant identification and fuel loads management, safe operation of chainsaws and chippers, safe fire-road driving, and shaded fuel break creation. Our focus on native habitat restoration gives all staff a focus on holistic planning and execution that other tree-work companies might not bring to the table. In particular, ECI understands and respects the sensitive habitat often encountered in the District's properties and will be diligent in following rules and regulations to protect those habitats and the creatures that depend on them. ECI has specific experience working with and around special status animals and sand hill rare plants.

There have been no contract or subcontracts taken on by ECI in the past 5 years, or in the history of the company, that have been terminated, in default, or had claims made against it that resulted in litigation or arbitration.



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### **EXPERIENCE**

ECI's team has extensive experience performing fuel management, fire prevention, and implementation working for government agencies. Our clients in this realm include, but are not limited to, the San Lorenzo Valley Water District, the Santa Clara Valley Water District, the Santa Cruz City Water Department, Zone 7 Water, San Jose Water Company, Aptos-La Selva Fire, the San Mateo County Parks District, the San Mateo Ag Commissioner's Office, the Resource Conservation Districts of both San Mateo and Santa Cruz Counties, the Department of Water Resources, the Department of the Interior, the United States Navy, the United States Army Corps of Engineers, Stanford University, and many others.

Projects for these agencies that focused on fuels reduction include the San Lorenzo Valley Water District's Fuels Reduction Project of 2021, Stanford University's Fuels Management Project of 2022/23, the County of San Mateo's Defensible Space Project, as well as a multitude of fuels reduction projects performed for private landowners throughout the region.

ECI's primary concern on any project is safety. Our company maintains an active Safety Plan and Injury and Illness Prevention Plan, and we maintain ISN Network Certification. Each project site is walked by management and supervisory staff prior to beginning work, and any safety hazards are identified and mitigated prior to work proceeding. Each employee is given the authority to stop work at any time over safety concerns, and all employees are trained in CPR and first aid. We actively maintain a safety culture where our employees are trained that the wellbeing of themselves, their coworkers, and the public at large comes before all else.

Many of ECI's projects include sensitive habitats and species. Our teams are specially trained in working in this environment, and respect established buffers while keeping an eye out for potential natural resource impacts. Our management and consulting staff frequently perform rare plant surveys and biomonitoring duties, giving our team an intimate understanding of the regulations and constraints that apply to the District's work on this project. In particular, we have worked with and around nesting birds, CRLF, multiple species of protected salamander, dusky footed woodrats, and many species of rare and sensitive plants in the Santa Cruz Mountains including rare sandhill species. Likewise, we have worked on many projects with cultural resource issues and are experienced in procedures and sensitivities regarding these as well.

Our company has multiple skilled sawyers and an ISA Certified Arborist on staff, as well as a suite of gas and electric chainsaws, a 12" chipper, a chipper-truck for hauling, small tractors, and additional dump truck and dump trailers for large off-haul needs. Our crew and staff are both experienced in fire hazard and prevention BMPs and proper clean up protocols for roads and forested areas. Our trucks are all equipped with a regularly checked and replaced fire extinguisher as well as 5g hand pump water backpacks as a



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backup. We have multiple 500 gallon water trailers available as needed for fire safety. Crews are fully equipped with a wide variety of hand tools including, but not limited to, pulaskis, mcleods, pick axes, shovels, pole saws, hand saws, and spill kits to ensure no hazardous materials (i.e. gasoline or oils) are leached into the native soil during work. We also understand the importance of maintaining a duff layer on disturbed areas in order to prevent erosion control during the wet season and provide cover for native regrowth.

ECI's staff have a solid understanding of local permit requirements, the governing bodies associated with them, and the typical costs and lead times for acquisition. We understand and share the District's high priority of creek and riparian integrity and will ensure that all work performed respects the rules and regulations centered around the protection of these important resources.



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**STAFF EXPERIENCE**

**JOSHUA T. FODOR**

**Project Principal**

**PROPOSED RESPONSIBILITIES**

As president, Josh is responsible for QA/QC and client relations on all projects. Josh will provide regular check ins with the project management team, coordinate on contracting and invoices, and work directly with the District staff on an as needed basis.

**EDUCATION**

1990 BA Biology (Plant Ecology), U.C. Santa Cruz

1992 BA Environmental Studies (Restoration Ecology), U.C. Santa Cruz

**PROFESSIONAL LICENSES & CERTIFICATIONS**

California Landscape Contractor License No. 778397

California Nursery Stock Certificate. B2893.001

Certificate in California Water Management and Ecosystem Restoration, UCB Extension

Certified Natural Resource Professional, CNRP 936548

Certified Ecological Restoration Professional (CERP) No. 0056, Society for Ecological Restoration

Certified Professional in Erosion and Sediment Control, CPESC No. 5000

Certificate in California Water Management and Ecosystem Restoration, U.C. Berkeley Ext.

Qualified Applicators License, QAL 118387

Army Corps Construction Quality Management Certificate SW9-02-14-00460

**PROFESSIONAL EXPERIENCE**

2000-2021 President, Ecological Concerns Inc.

1992-2021 Owner, Central Coast Wilds

2005-2010 Instructor, Restoration Landscaping Principles, Cabrillo College Horticulture

2004-2009 Board Chair, Coastal Watershed Council – Board of Directors

**RELEVANT PROJECT EXPERIENCE**

MROSD, Vegetation Management

MROSD, Fuels Reduction and Roads Management

Permanente Quarry BMP Installation and Maintenance

Santa Cruz Land Trust – Glenwood Open Space Preserve

Cordilleras County Mental Health Center – Fuels Reduction

Stanford University Fuels Reduction

San Lorenzo Valley Water District Vegetation Management



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**JON LASLETT**

**Contract Manager / Senior Project Manager  
Restoration / Erosion and Sediment Control Specialist**

**PROPOSED RESPONSIBILITIES**

As Contract Manager, Jon will coordinate contracting and invoicing, assist with client communications on an as needed basis, and provide QA/QC for the project as a whole.

**PROFESSIONAL EXPERIENCE**

2006-Present: Sr. Project Manager, Ecological Concerns Incorporated  
2005 Project Manager, Hart Landscaping  
2005 Biological Technician – Oregon State University  
2004 Oceanographic Technician – Monterey Bay Aquarium Research Institute  
2003-04 Bioassay Technician – Toxscan Inc.  
2003 Biological Technician – US Fish and Wildlife Service  
2001 Restoration Technician – Moss Landing Marine Labs

**EDUCATION**

2003 BS Ecology and Evolutionary Biology, U.C. Santa Cruz  
2003 BS Marine Biology, U.C. Santa Cruz

**PROFESSIONAL LICENSES & CERTIFICATIONS**

Certified Natural Resources Professional, NREP  
Certified Ecological Restoration Professional (CERP) #0055, Society for Ecological Restoration  
Certified Professional in Erosion and Sediment Control (CPESC) #81432015  
Qualified SWPPP Practitioner and Designer #25487  
Army Corps Construction Quality Management Certificate SW9-02-14-00465  
Certified Irrigation Technician, Ewing Educational Services

**PROFESSIONAL TRAINING**

2016 Phytophthora Training for Nursery Growers, Oregon State University  
2013 California Native Grass Identification, CNGA  
2013 Native Grass Identification, California Native Grassland Association  
2011-2014 Arc GIS Training, Elkhorn Slough Coastal Training Program / UCSC - CISR  
2010 Biology and Conservation of the California Red Legged Frog, ESCTP  
2009 Biology and Conservation of the Santa Cruz Long-Toed Salamander, ESCTP  
2009 Biology and Conservation of the Tiger Salamander, ESCTP  
2009 Landscape Irrigation Auditor, Irrigation Association  
2008 Certified Irrigation Technician, Ewing Educational Services





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**RELEVANT PROJECT EXPERIENCE**

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**JOHN MORLEY**  
**Restoration Ecologist / Certified Arborist**  
**Senior Project Manager**

**PROPOSED RESPONSIBILITIES**

John will perform Project Management oversight and provide maintenance suggestions as an ISA Certified Arborist. John will be the primary Project Manager for this project.

**EDUCATION**

2010 BS Environmental Management and Protection, Cal Poly San Luis Obispo

**PROFESSIONAL EXPERIENCE**

2013 to Present Project Manager, Ecological Concerns Inc.  
2011 to 2013 Assistant Project Manager, RCD of Santa Cruz County  
2010 to 2011 AmeriCorps Member, RCD of Santa Cruz County

**PROFESSIONAL TRAINING**

2022 Certified Sediment and Erosion Control Inspector  
2021 NALP Certification Irrigation Technician  
2019 Certified Ecological Restoration Practitioner  
2016 California Red Legged Frog and Tiger Salamander Habitat Management, ESCTP  
2016 AIS Certified Arborist  
2012 Arc GIS Training, Elkhorn Slough Coastal Training Program / UCSC - CISR  
2012 California Red Legged Frog, ESCTP  
2011 Citizen Science Monitoring of Pollinator Species / NRCS

**RELEVANT PROJECT EXPERIENCE**

MROSD, Vegetation Management  
MROSD, Fuels Reduction and Roads Management  
Permanente Quarry BMP Installation and Maintenance  
Santa Cruz Land Trust – Glenwood Open Space Preserve  
Cordilleras County Mental Health Center – Fuels Reduction  
Stanford University Fuels Reduction  
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**GARRICK HANSEN**

**Vegetation Control Specialist / Qualified Applicator**

**PROPOSED RESPONSIBILITIES**

Garrick will provide any herbicide or pesticide application recommendations on an as-needed basis for the project as the company's leading Qualified Applicator.

**EDUCATION**

BA Environmental Studies minor in Earth Sciences, University of California Santa Cruz

**PROFESSIONAL EXPERIENCE**

2012-Current: Restoration Control Specialist, Ecological Concerns Incorporated

**PROFESSIONAL LICENSES AND CERTIFICATIONS**

Qualified Applicator License #138279 (QAL)

Green Gardener Certification

American Rainwater Catchment System Association (ARCSA) Certification

Mine Safety and Health Administration (MSHA) Certification

Occupational Safety and Health Administration (OSHA) Certification

**PROFESSIONAL TRAINING AND CONTINUING EDUCATION**

2018 Pesticide Applicator Training for Invasive Species Management

2018 Central California Invasive Weed Symposium, Conference, Santa Cruz

2017 Pesticide Applicator Training for Invasive Species Management

2017 Central California Invasive Weed Symposium, Conference, Monterey

2016 Pesticide Applicator Training for Invasive Species Management

2016 Central California Invasive Weed Symposium, Conference, Santa Cruz

**RELEVANT PROJECT EXPERIENCE**

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MROSD, Fuels Reduction and Roads Management

Permanente Quarry BMP Installation and Maintenance

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**EFRAIN SERNA**  
**Restoration Supervisor**

**PROPOSED RESPONSIBILITIES**

Efrain will lead the crew in day to day activities and ensure that priorities are being met safely and efficiently. He will also be responsible for direct communication with the Project Management staff. Efrain's decades of experience in vegetation management, attention to detail, excellent communication skills, and positive attitude make him an ideal candidate to perform this work.

**PROFESSIONAL TRAINING AND CONTINUING EDUCATION**

- ECI In-House Training – Chainsaw Operation and Safety
- ECI In-House Training – Chipper Operation and Safety
- ECI In-House Training – Safe Driving Practices
- ECI In-House Training – Erosion Control Installation and Maintenance
- ECI In-House Training – Irrigation System Installation and Maintenance

**RELEVANT PROJECT EXPERIENCE**

- MROSD, Vegetation Management
- MROSD, Fuels Reduction and Roads Management
- Cordilleras County Mental Health Center – Fuels Reduction
- Stanford University Fuels Reduction
- San Lorenzo Valley Water District Vegetation Management



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**OLIVER DELAROSA**  
**Lead Sawyer**

**PROPOSED RESPONSIBILITIES**

Oliver will be the lead sawyer in charge of felling larger trees and ensuring that chipper and chipper truck is operated safely and efficiently.

**PROFESSIONAL TRAINING AND CONTINUING EDUCATION**

- ECI In-House Training – Chainsaw Operation and Safety
- ECI In-House Training – Chipper Operation and Safety
- ECI In-House Training – Safe Driving Practices
- ECI In-House Training – Erosion Control Installation and Maintenance
- ECI In-House Training – Irrigation System Installation and Maintenance

**RELEVANT PROJECT EXPERIENCE**

- MROSD, Vegetation Management
- MROSD, Fuels Reduction and Roads Management
- Cordilleras County Mental Health Center – Fuels Reduction
- Stanford University Fuels Reduction
- San Lorenzo Valley Water District Vegetation Management



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**RELEVANT PROJECT EXPERIENCE**

**PROJECT:** San Lorenzo Valley Fire and Vegetation Management

**TIMELINE:** 2021

**CLIENT:** San Lorenzo Valley Water District

**OWNER:** San Lorenzo Valley Water District

**CONTACT NAME:** Carly Blanchard

**CONTACT NUMBER / EMAIL:** 831.818.0315 / cblanchard@slvwd.com

**KEY ECI STAFF:** John Morley – Primary Project Manager; Garrick Hansen – Assistant Project Manager

**PROJECT DESCRIPTION:** ECI performed fuels reduction and invasive species management on multiple sites owned and operated by the SLVWD with the focus on removal of shrubs and trees that created fuels danger, the removal of hazard trees, and removal of dead and downed wood to reduce overall fire fuel loads adjacent to important District properties and utilities. The project required felling, brush removal, chipping, bucking, and off-hauling in remote locations and along roadsides and water tanks.

**PROJECT:** Cordilleras County Mental Health Center

**TIMELINE:** 2021 to Present

**CLIENT:** County of San Mateo

**OWNER:** County of San Mateo

**CONTACT NAME:** Scott Gurley

**CONTACT NUMBER / EMAIL:** 480.390.8918 / c\_sgurley@smcgov.org

**KEY ECI STAFF:** Garrick Hansen – Primary Project Manager

**PROJECT DESCRIPTION:** The project involves the establishment and maintenance a fire defensible space within a 100-foot boundary surrounding the Cordilleras Mental Health Center, amounting to approximately 3.65 acres. The defensible space was established and is currently being maintained in compliance with the best management practices recommended in the Fuel Management Standards for the Defensible Space of the Cordilleras Mental Health Center project document intended to meet and exceed the California State standards. The treatment covered several different types of individual fuel management zones including non-combustible, landscaping, and roadways, as well as different plant communities including grasslands, coastal scrub, oak/shrub woodlands, and riparian woodland. All work activities focused on achieving the project goals, while also minimizing the environmental impacts of management treatments.



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Fax (831) 457-1606  
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**PROJECT:** Stanford University Fuels Reduction

**TIMELINE:** 2022 to 2023

**CLIENT:** Stanford University

**OWNER:** Stanford University

**CONTACT NAME:** Kevin Irwin

**CONTACT NUMBER / EMAIL:** 650.799.7804 / kevin.irwin@stanford.edu

**KEY ECI STAFF:** John Morley – Primary Project Manager; Garrick Hansen – Assistant Project Manager

**PROJECT DESCRIPTION:** ECI performed fuels reduction on over 16 acres of Stanford University land focused on the removal of small trees, limbing of low hanging branches, removal of dead and dying trees, and chipping and off hauling of removed material. Work involved steep slopes, difficult access, on site chipping, traffic control, sensitive biological resources, and public interface.



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**SUBCONTRACTOR'S EXPERIENCE**

No subcontractors are proposed for this work.





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**CLIENT REFERENCES**

Contact: Scott Gurley,  
Client: County of San Mateo  
Project: Cordilleras County Mental Health Center  
Phone: 480.390.8918  
Address: 555 County Center Floor 2  
Redwood City, CA 94063  
E-mail: C\_sgurley@smcgov.org

Contact: Ode Bernstein, Senior Wildlife Biologist  
Client: PG&E  
Project: Crazy Horse Canyon  
Phone: 415.404.1482  
Address: 2225 Folsom St  
San Francisco, CA 94110  
E-mail: omb3@pge.com

Contact: Coty Sifuentes-Winter, Senior Resource Management Specialist  
Client: Mid-Peninsula Regional Open Space District  
Project: MROSD Vegetation, Roads and Fuels Management  
Phone: 650.691.1200  
Address: 330 Distel Circle  
Los Altos, CA 94022-1404  
E-mail: csifuentes@openspace.org

Contact: Hannah Ormshaw, Natural Resources Manager  
Client: San Mateo County Parks Department  
Project: On-call Professional Construction Services for Various San Mateo County Parks  
Phone: (650) 619-1620  
Address: 455 County Center, 4th Floor  
Redwood City, CA, 94063



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**FEE SCHEDULE AND ESTIMATES**

Bid Item	Vegetation Management Along 1,000' of Road					
	Item	Unit	Quantity	Rate	Cost	
a	Project Principal	Hour	4	\$ 200.00	\$ 800.00	
	Contracts Manager	Hour	4	\$ 160.00	\$ 640.00	
	Project Manager	Hour	40	\$ 150.00	\$ 6,000.00	
	Sawyer	Hour	160	\$ 105.00	\$ 16,800.00	
	Equipment Operator	Hour	160	\$ 105.00	\$ 16,800.00	
	Support Groundsman	Hour	320	\$ 90.00	\$ 28,800.00	
	Chipper	Day	20	\$ 400.00	\$ 8,000.00	
	Chipper Truck	Day	20	\$ 500.00	\$ 10,000.00	
	4x4 Crew Cab Truck	Day	20	\$ 80.00	\$ 1,600.00	
	Mileage	Mi	1200	\$ 0.650	\$ 780.00	
	Fuel Surcharge	LS	1	\$ 1,500.00	\$ 1,500.00	
	Other direct costs (dump fees, rentals, etc.)	Cost+15%	1	\$ 5,000.00	\$ 5,000.00	
	<b>Total Bid</b>					<b>\$ 96,720.00</b>

**Scope Description**

Cost for this scope item assumes that, based on field discussions during bidding, all material must be off-hauled from the site and no chipping will be permitted. All trees will be limbed up to 10' from the ground, for branches smaller than 4-6" in diameter. Small trees under 6" DBH are assumed to be removed, with trees left on an as needed basis to retain a 50% canopy cover. Non-native shrubs will be removed and native shrubs will be thinned as directed by SLVWD. Price assumes that no trees larger than 10" DBH are to be removed per Addendum #2. All material will be dragged to a chipper and chipped into a truck, assuming that roads are in drivable conditions. Work will not occur when road conditions or weather conditions are unsafe. A price reduction for sites where chips can be left on site can be applied on a case by case basis.



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Bid Item	Defensible Space Management 100' Around Water Tank				
	Item	Unit	Quantity	Rate	Cost
b	Project Principal	Hour	4	\$ 200.00	\$ 800.00
	Contracts Manager	Hour	4	\$ 160.00	\$ 640.00
	Project Manager	Hour	16	\$ 150.00	\$ 2,400.00
	Sawyer	Hour	40	\$ 105.00	\$ 4,200.00
	Equipment Operator	Hour	40	\$ 105.00	\$ 4,200.00
	Support Groundsman	Hour	80	\$ 90.00	\$ 7,200.00
	Chipper	Day	5	\$ 400.00	\$ 2,000.00
	Chipper Truck	Day	5	\$ 500.00	\$ 2,500.00
	4x4 Crew Cab Truck	Day	5	\$ 80.00	\$ 400.00
	Mileage	Mi	300	\$ 0.650	\$ 195.00
	Fuel Surcharge	LS	1	\$ 750.00	\$ 750.00
	Other direct costs (dump fees, rentals, etc.)	Cost+15%	1	\$ 500.00	\$ 500.00
	<b>Total Bid</b>				

**Scope Description**

Cost for this scope item assumes that work will be performed on a site that has been previously managed and that the bulk of the work is follow up control of regrowth and felling of any dead, dying, or hazardous trees. Price assumes that all material will be chipped and spread at a depth of no more than 3” on site. All trees will be limbed up to 10’ from the ground, for branches smaller than 4-6” in diameter. Small trees under 6” DBH are assumed to be removed, with trees left on an as needed basis to retain a 50% canopy cover. Non-native shrubs will be removed and native shrubs will be thinned as directed by SLVWD. Price assumes that no trees larger than 10” DBH are to be removed per Addendum #2.

## STATEMENT OF QUALIFICATIONS FOR Fire/Vegetation Management Maintenance



San Lorenzo Valley Water District  
February 17, 2023

**HELIX Environmental Planning, Inc.**  
1180 Iron Point Road, Suite 130  
Folsom, CA 95630  
916.435-1205 tel  
[www.helixepi.com](http://www.helixepi.com)



February 17, 2023

Carly Blanchard, Environmental Planner  
San Lorenzo Valley Water District  
13060 Highway 9  
Boulder Creek, CA 95006

**Subject: Statement of Qualifications for Fire/Vegetation Management Maintenance**

Dear Ms. Blanchard:

HELIX Environmental Planning, Inc. (HELIX) is pleased to submit our Statement of Qualifications (SOQ) for Implementation and Maintenance of Vegetation Fuel Reduction Projects to the San Lorenzo Valley Water District (District). HELIX has both the expressed interest and as demonstrated in our SOQ, the hands-on expertise, depth of staff, specialized knowledge, and directly related experience necessary to provide excellent service to the District.

We were delighted to provide vegetation fuel reduction services to the District in 2021 to help protect infrastructure at your Olympia Well and Bear Creek Tank sites. We understand that contractors selected through this RFQ process will provide similar vegetation management services to help protect District infrastructure and access from wildland fires in 2023. We have a successful track record providing vegetation management services consistent with the District's needs and goals. Through our experience implementing vegetation fuel reduction projects with the District, as well as our experience working with water purveyors throughout California, we are confident we can implement an efficient work program for your vegetation fuel reduction project.

HELIX is proposing a highly qualified team of seasoned vegetation management experts. Claire Watkins will serve as HELIX's Project Manager and the primary point of contact for the District. As Principal-in-Charge, I will provide contract management support and signatory authority. If you have any questions please contact our Project Manager, Ms. Watkins at the following:

**HELIX Environmental Planning, Inc.**

1180 Iron Point Road, Suite 130  
Folsom, CA 95630  
916.435.1205 phone

**Project Manager**

Claire Watkins  
916.365.8721 phone  
ClaireW@helixepi.com

**Principal-in-Charge**

Justin Fischbeck  
619.668.7405 x205 phone  
JustinF@helixepi.com

We look forward to the opportunity to work with you and look forward to hearing from you.

Sincerely,

A handwritten signature in blue ink, appearing to read "Justin Fischbeck".

Justin Fischbeck  
Principal

Distribution: Electronic copy of SOQ in PDF format emailed to [cblanchard@slvwd.com](mailto:cblanchard@slvwd.com).

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# 1. Background

## 1.1 Firm Introduction

HELIX is a leader in vegetation management, habitat restoration, environmental planning, design, and natural resource sustainability. Established in 1991 and with offices in Sacramento, Placer, San Diego, Orange, and Riverside counties, we provide a broad range of environmental construction and compliance services throughout California. We have extensive experience helping public and private clients across a variety of sectors comply with local, state, and federal environmental laws and regulations, manage natural and cultural resources, and design and construct sustainable projects.

A significant level of effort is needed to lessen the risk of wildfires to our communities, properly assess damage to natural and cultural resources following large fires and restore habitat to healthy and native conditions. HELIX's construction group has been providing open space landscape design, construction, and maintenance of native habitats throughout California for 20 years in support of these efforts. We specialize in hazardous fuel modification, vegetation clearing, weed treatments, and habitat mitigation and restoration.



In addition to our construction and maintenance services, HELIX provides specialized and comprehensive environmental services to help clients identify and implement the appropriate response for long-term sustainability. We have in-depth experience with botanical, wildlife, arborist, and archaeological studies. Additionally, our experts in environmental planning and compliance help clients navigate the complexities of regulations associated with the California Environmental Quality Act (CEQA), National Environmental Policy Act (NEPA), Section 106 of the National Historic Preservation Act (NHPA), Endangered Species Act (ESA), and Clean Water Act (CWA).

HELIX has a California State Contractors License with A (General Engineering) and C-27 (Landscape) classifications; we are a State of California Certified Small Business for the Purpose of Public Works (SB-PW); and we are registered with the State of California Department of Industrial Relations (DIR #1000015953). We have not had any contract or subcontract terminated, been in default, or had claims made against us that resulted in litigation or arbitration in the last five years.

## 1.2 Fuel/Vegetation Management Experience and Qualifications

Through our experience successfully planning, permitting, implementing, monitoring, and maintaining vegetation management projects across thousands of acres of California's vast open space, HELIX has created a proven and effective approach to vegetation management and implementation, exotic and invasive species removal, debris cleanup and removal, agency coordination and sign off, and working with grazing subcontractors.

Our team offers a full range of technical disciplines, including biological, arborist, and cultural resources support, to ensure the best possible management and treatment of each project. Our diverse team includes both junior and senior talent, with a depth of staff that allows for rapid response to project tasks. Our team is familiar with implementing, managing, and monitoring of vegetation fuel reduction projects, and the necessity of compliance with environmental protection measures through the duration

of a project. Our large in-house field crew allows us to manage schedules and staff projects appropriately, especially in times of peak demand. Typically, each field crew is organized into a minimum four-person working crew, including three field technicians and one crew lead. However, HELIX has provided a brush management crew of up to 25-30 crew members when necessary. Each crew lead can communicate in English and is responsible for communicating tasks to be completed for that day, overseeing safe work techniques for their crew, and reporting back to the project manager on the progress of work.

Our Project Manager, Ms. Watkins, will serve as the primary point of contact for the District. She will be in close coordination with team members throughout the duration of the project, ensuring that work is completed on time, within budget, and to the highest levels of quality. She will also be responsible for ensuring the project's goals are achieved and work is implemented according to the District's established policies. She will work closely with HELIX's Operations Manager, Justin Heilmann, who will be responsible for providing field oversight and logistical support.

HELIX field crews work closely with project managers, biologists, and our clients to ensure project goals are achieved while protecting sensitive environments. Field crews use cellular-enabled field tablets (iPads) and Geographic Information Systems (GIS) applications, including Survey123 and Fieldmaps, to record daily activities and document completion of tasks. With the use of field tablets, crews also record attendance and hours worked, work completed and work in progress, tools and materials used, problems encountered, site photos, safety topics, and any notes that should be relayed back to the Project Manager. The data collected using these applications is viewed by the management team who can monitor work progress from the office and adjust the schedule as needed.



Using these applications, the HELIX Project Manager, Operations Manager, and field crews establish a consistent flow of information, streamlining communications, and enhancing coordination between office and field staff.

In performing vegetation management and general maintenance activities, HELIX's field crew members operate equipment and work in remote areas with rugged terrain and sensitive environments. As such, HELIX conducts regular safety trainings throughout the year with field crew members including topics, such as fire safety, heavy equipment operation, chainsaw use, worker safety, and other construction field tasks, while routine safety trainings are conducted weekly. HELIX field staff are also well versed in identification of native and non-native plant species, sensitive plant and animal species, and signs of nesting birds. HELIX field staff undergo routine training on these topics and are tested regularly on their knowledge of the training materials. Because of this training, it is with confidence that equipment operators and hand crews can work independently, efficiently, and safely.



## 2. Experience

HELIX has completed planning and implementation of vegetation and fuel management projects for local, state, and federal governments; water purveyors; utility companies, private land management companies, and non-profit organizations. Specific vegetation management activities, include mowing, invasive weed removal, pruning, tree removal, and chipping services for hundreds of projects, with a focus on delivering cost-effective solutions that protect the environment. Following are projects that best represent our firm’s experience relevant to your fuel management needs.

### 2.1 Fuel Management, Fire Prevention, and Implementation Experience

#### San Lorenzo Valley Water District Vegetation and Fuels Management Implementation | Santa Cruz County

HELIX provided vegetation fuel reduction services for San Lorenzo Valley Water District (District) at three District-owned properties: Olympia Well site 2, Olympia Well site 3, and the Bear Creek Tank site. Vegetation fuel reduction activities occurred over approximately two acres of unincorporated areas of Santa Cruz County and prioritized areas surrounding District infrastructure. Fuel reduction activity included tree removal, cutting grasses and brush marked by a forester, and removing ladder fuels from low-hanging branches on mature trees. HELIX crews cut grasses, brush, and trees up to 6 inches in diameter at breast height (DBH). HELIX’s tree subcontractor, Pacific Coast Trees, removed hazard trees ranging from 7-11 inches DBH and large downed logs 12 inches DBH or less. Cut material was chipped and scattered across the project sites unless the work area was inaccessible for a chipper or had environmental restrictions. Due to the unstable and steep terrain, and sensitive biological resources, vegetation removal was completed through manual methods, including chainsaws, loppers, and weed trimmers. HELIX was responsible for providing the District with a work schedule, coordinating with the forester and the District on sign-off of treatment areas, and maintaining fire hazard and prevention tools in crew vehicles.



#### Nevada Irrigation District Brush Management | Nevada County

HELIX provided brush management services for Nevada Irrigation District’s (NID) flume and canal system and Bowman 60kV transmission line from 2019 to 2021. Brush management services along the flume and canal system, spanning over 20 miles, included cutting brush growing within 15-feet of the system and facilities, removing ladder fuels on mature trees up to 12-feet, and treating cut vegetation with herbicide. Brush management services along the 60kV transmission line included brush and tree removal up to 25 feet tall, and chipping or scattering debris growing within 50-feet



of the 10-mile-long transmission line. Crews used manual methods, including chainsaws and weed eaters, to complete the work. HELIX complied with fire policy operations and registered with the Project Activity Level (PAL) system to maintain safety standards and fire risk prevention. Work was performed on lands owned by Pacific Gas & Electric (PG&E), the U.S. Forest Service (USFS), and private landowners within Nevada County.

### Walnut Creek and Lafayette Creek Vegetation Management | Contra Costa County

HELIX performed vegetation management services along Walnut Creek and Lafayette Creek in Contra Costa County for the Restoration Trust. The project required coordination with property owners and local governments to establish a safe staging area in a highly public setting. Invasive species removed include English ivy, Himalayan blackberry, and giant reed, per the Walnut Creek and Lafayette Arundo 2020 Creek Restoration Plans. Cut material was hauled up from the creek and disposed into on-site dumpsters. The cut stumps were treated with aquatic safe systemic herbicide to limit regrowth potential. A maintenance follow-up herbicide treatment was completed a few months after the completion of initial removal.



### Magpie Creek Floodplain Conservation Habitat Restoration | Sacramento County

HELIX led the floodplain conservation and habitat restoration efforts for the 40-acre Magpie Creek Conservation project in Sacramento County for the Sacramento Area Flood Control Agency. HELIX conducted fire-break mowing and thatch management, drill seeding and riparian planting, installation of Environmentally Sensitive Area fencing to protect sensitive areas during mowing operations, permanent fencing, installation of three access driveways, annual mowing and grazing of grasslands by sheep, and non-native species management for two years. Initial site preparation also included installation of stormwater Best Management Practices (BMPs), removal of non-native trees, and removal of trash and debris across the entire site. HELIX collected willow cuttings and oak acorns from within the same watershed and installed plantings with protective cages. Submittals included a firebreak mowing map, Erosion and Sediment Control Plan, including stormwater BMPs, and submittals for all materials used on-site.



### Pine Creek Detention Basin Invasive Species Removal | Contra Costa County

HELIX conducted invasive species removal within the Pine Creek Detention Basin, for Contra Costa County, Department of Public Works. HELIX cut, removed, and treated giant reed occurring within sensitive wetland habitat. Prior to implementation, HELIX prepared a Site-Specific Work Plan for County approval that detailed the required surveys for special-status species, including California red-legged frog and California tiger salamander, ingress/egress, schedule, safety, cutting and removal techniques, and herbicide application methods. HELIX biologists also conducted pre-construction surveys each day before the start of work to confirm the work area was clear of special-status species.

## Greenfield Farms Vegetation Management | Humboldt County

HELIX provided vegetation management services at the Greenfield Farms project in Humboldt County. Scope of work included cutting grasses, shrubs, and trees occurring within 10-feet of structures, including a pond and pump house, and mowing grass and shrubs within open space areas. Scope of work also included removing dead and dying trees and limbs that were overhanging two of the structures. The total treatment area covered more than 22 acres. Material was cut using mowing equipment and handheld equipment, including weed eaters and chainsaws. HELIX coordinated closely with CAL FIRE, as a portion of the work was being implemented per CAL FIRE requirements. The site is proposed for development and HELIX is preparing an arborist report and tree mitigation plan for tree removal associated with the road realignment work and our environmental planners are preparing a CEQA Initial Study/Mitigated Negative Declaration (IS/MND) for the project.



## 2.2 Biological and Cultural Resources, and Arboriculture Experience

In addition to our extensive construction experience implementing vegetation management plans, HELIX's construction group is complemented by our in-house botanical, wildlife, cultural, and regulatory compliance specialists to ensure avoidance of sensitive resources and appropriate reporting. HELIX's full range of environmental specialists available to the District includes ecologists, permitted wildlife biologists, botanists, certified arborists with Tree Risk Assessment Qualification (TRAQ) certification, archaeologists, landscape architects, wetland scientists, GIS staff, and permitting specialists. Provided are a few examples of related experience providing biological and cultural resources and arboriculture services for fuel management and utility infrastructure projects.

### Biological Monitoring for Vollmer Peak Tree Trimming and Removal | Contra Costa County

The USGS maintains and operates a telecommunications facility on Vollmer Peak within Tilden Park, which is part of the East Bay Regional Park District. Over the years several trees have grown up around the communications tower, and these trees attenuate the signals, some to the point of stopping data transmission. The project consisted of removal/trimming of up to 50 trees that were affecting data transmission. HELIX conducted pre-construction surveys and several weeks of full-time biological monitoring for Alameda whipsnake and San Francisco dusky-footed woodrat middens during construction per California Department of Fish and Wildlife (CDFW) recommendations and instructed construction crews in methods to avoid impacts to Alameda whipsnake and its habitat.



### Euclid Avenue Backline Sewer Replacement | Alameda County

HELIX conducted a biological resources assessment, botanical survey, and wetland delineation, and prepared a Streambed Alteration Notification in support of the rehabilitation of an existing sewer pipeline and facilities within residential backyards for the City of Berkeley. The rehabilitation project includes the replacement of manholes and the replacement of a sewer pipeline that extends through two aerial crossings spanning a perennial drainage.

Biologists prepared and implemented a worker environmental awareness program training and conducted pre-construction surveys for roosting bats, western pond turtle, and nesting birds. HELIX biologists also conducted weekly construction monitoring.



### Robber's Ravine Fuel Load Reduction Pre-Construction Clearance Surveys | Sacramento County

HELIX conducted pre-construction nesting bird surveys, which included the project area plus an approximate 50-foot buffer for raptors and other birds protected by the Migratory Bird Treaty Act, prior to proposed fuel reduction and maintenance activities in the Robber's Ravine area located adjacent to the Johnny Cash Recreational Trail, in the City of Folsom, Sacramento County. HELIX conducted daily monitoring, as necessary, during fuel load reduction activities.

## 3. Staff Experience

Our key team members will consist of our Project Manager, Operations Manager, Crew Lead, and Principal-in-Charge. This team has worked together for multiple years and is experienced in vegetation management. As previously mentioned, Claire Watkins will serve as Project Manager and will be responsible for managing the contract requirements, work performance, subcontractors, and developing integrated vegetation management strategies related to the execution of this contract. Additionally, she will ensure that HELIX field staff and subcontractor personnel are fully versed on the vegetation management strategies prescribed for each work area. Ms. Watkins will also evaluate, track, and submit the required project reporting. Ms. Watkins will ensure fluid and effective communication between the District and the project team.

Ms. Watkins will work closely with Justin Heilmann, Operations Manager, who will provide field oversight and logistical support, ensuring work quality and communication with field crew members. Mr. Heilmann's knowledge of safety requirements, equipment operation and maintenance, vegetation management, and field estimating are essential to the successful completion of tasks outlined under this contract. Mr. Heilmann will be responsible for coordination the operational success of the project, including ongoing field activities, proper training, and safety coordination. He will also be responsible for relaying schedules and activities to crew members, collecting daily crew reports, coordinating materials, file and data management, field observation visits, and helping to track project quality and efficiency.

Justin Fischbeck will serve as Principal-in-Charge and provide senior management support, quality assurance/quality control, biological and regulatory insight, and general contract oversight.

This management team will be supported in the field by Aaron Brinkman, serving as the Crew Lead, and up to 25 field crew members. Mr. Brinkman will be responsible for leading and directing crew activity in the field, daily reporting, compliance with environmental avoidance buffers, operation and maintenance of equipment, and overseeing safe working techniques. As a result of Ms. Watkins lengthy working relationship with Mr. Brinkman, the District can be assured that the flow of communication to and from the field is coordinated timely and accurately.

### 3.1 Resumes

Provided in this section are resumes describing the qualifications of staff who will provide key roles interfacing with the District, overseeing field crews, and ensuring implementation of the project. Resumes include a list of similar vegetation fuel reduction projects completed in the past seven years, including the client work was performed for.

# Claire Watkins

## Project Manager



Ms. Watkins is a Project Manager, managing a variety of vegetation reduction and habitat restoration projects throughout Northern California. She assists with all aspects of project implementation including planning, coordinating with multiple stakeholders, and overseeing project construction. Her experience includes vegetation and fuels management for public and private clients, exotic and invasive species removal, vernal pool remediation, oak tree mitigation and oak woodland restoration, and floodplain restoration. She has an educational background in environmental science with past work experience in project management and non-profit land conservation.

### Education

Bachelor of Science,  
Environmental Science,  
Oregon State University,  
Corvallis, OR, 2019

### Select Project Experience

**San Lorenzo Valley Water District Vegetation and Fuels Management Implementation (2021).** Project Manager for a vegetation management project in Santa Cruz County. Vegetation management activities covered approximately two acres total, including tree removal, cutting grasses and brush marked by a district forester, and cutting ladder fuels from low-hanging branches on mature trees. The four-person crew used manual methods, including chainsaws, loppers and weed eaters, to complete the work. Crews used cellular-enabled field tablets (iPads) and GIS applications, including Survey123 and Fieldmaps, to record areas completed and track total number of trees removed.

**Nevada Irrigation District Brush Management (2019 - 2020).** Project Manager for fuel management services along NID's Bowman 60kV transmission line. Project activity included cutting and removing brush and trees within a 50-foot corridor along remote sections of the 10-mile-long transmission lines and applying follow-up herbicide treatment in selected areas. Activity also included brush and tree clearance along the District's flume and canal systems, as well as below power lines. Work was performed on lands owned by PG&E, USFS, and private properties in Nevada County.

**Walnut Creek and Lafayette Creek Vegetation Management (2020 - 2021).** Project Manager for Walnut Creek and Lafayette Creek Vegetation Management Project located in Contra Costa County. Project responsibilities included coordination with client to map vegetation areas, coordination with the crew on daily production rates, and ordering equipment and materials. Scope of work included removal and chemical treatment of invasive trees and brush along steep slopes and within sensitive streambed areas. Work was performed for The Restoration Trust.

**Valley View Preserve (2020).** Project Manager for the Valley View Preserve invasive species removal project located in El Dorado County. Oversaw cutting, removal, and treatment of invasive species, specifically Himalayan blackberry and Klamath weed, occurring within riparian habitat. Cutting was completed using chainsaws and hand tools, working cautiously to avoid damage to sensitive species. Project included two follow-up herbicide treatments to treat any resprouts. Prepared letter to the U.S. Army Corps of Engineers outlining the proposed method of removal and treatment of the invasive species. Work was performed for Lennar Homes.

# Justin Heilmann

## Operations Manager



Mr. Heilmann is a Construction Group Operations Manager with 21 years of experience in the landscaping industry. He supports a variety of habitat restoration and brush management projects including planning and field operations with an emphasis on safety and scheduling workflow. He is involved in training, operation, and maintenance of equipment and machinery. His experience also includes procuring materials and coordinating with clients and vendors to aid in job efficiencies. Mr. Heilmann is well versed in landscape construction and maintenance with expertise in water conservation and irrigation. His educational background in communications paired with his extensive field knowledge makes him a versatile component of our habitat restoration construction team.

### Select Project Experience

**San Lorenzo Valley Water District Vegetation and Fuels Management Implementation** (2021). Operations Manager for a vegetation management and fuel reduction project in Santa Cruz County. Project responsibilities included daily communication with the client, providing HELIX daily production rates, coordinating schedules with the forester and SLVWD staff, and updating the sign-off of treatment areas. Procured crew safety gear and fire prevention materials for vehicles and maintained equipment schedules. Solicited local tree contractors for competitive bids to remove larger trees on the project. Conducted job hazard analysis (JHA) and performed on-site job kickoff safety meeting.

**Mitchell Village Oak Tree Mitigation and Oak Woodland Restoration** (2021 - 2023). Operations Manager for the Mitchell Village Oak Woodland Restoration and Oak Tree Mitigation project located in the City of Citrus Heights. Project includes approximately 18 acres of oak woodland restoration along a tributary of Arcade Creek. Oversaw restoration activities including invasive species removal and installation of native plants, seed, and drip irrigation followed by maintenance and monitoring comprising regular invasive species control through herbicide application and hand removal methods. Project responsibilities include coordination with the HELIX project biologist, arborist, and crew lead, as well as coordination with the Client, City and Sunrise Recreation and Park District on irrigation and planting. Work performed for KB Home.

**City of Folsom LLD, Weed Abatement Project** (2019 - 2020) Mobilized personnel to implement fuel and brush management spanning over 200 acres in a 3-month period in the City of Folsom. Work primarily took place in open space areas and was completed using weed whips only due to the terrain. Responsible for providing weekly progress updates to the City using GIS maps and communicating schedule adjustments. Also responsible for procuring equipment/ Personal Protection Equipment (PPE) and development of safety plans to ensure execution was precise and fire risks were mitigated.

### Education

Bachelor of Arts,  
Communications,  
Conceptual Design,  
California State  
University, Chico, 2003

### Certifications

California Landscape  
Contractors  
Association, Landscape  
Industry Certified  
Technician

California Landscape  
Contractors  
Association, Expert  
Certified Water  
Manager

Certified Bay Area/River  
Friendly Green  
Gardener

## Justin Fischbeck, CERP

### Principal-in-Charge



Mr. Fischbeck has 25 years of experience with work in environmentally sensitive areas, including vegetation management implementation and the restoration of native California habitats. He is the Responsible Managing Officer for HELIX's A General Engineering and C27 Landscape contractor's licenses, as well as a restoration biologist by training. His areas of expertise include managing construction in Environmentally Sensitive Areas, creation of habitat

for endangered or threatened species, creation of wetlands or waterways, and solutions to construction- or development-related water quality issues. His project experience includes vegetation management, programmatic invasive species control, habitat restoration, grading for restoration and waterway projects, and sensitive species propagation and translocation. He has served as Principal-In-Charge or Project Manager for a variety of projects ranging from small on-site restoration efforts to large-scale restoration projects covering thousands of acres. Previously, Mr. Fischbeck has served in various capacities including installation supervisor and estimator, making him well-versed in the essential components of a successful project. He also served as a biologist at HELIX, during which he conducted all aspects of endangered species surveys, environmental permitting, and habitat restoration planning and monitoring.

#### Education

Bachelor of Science,  
Biology: Ecology  
Behavior and Evolution,  
University of California,  
San Diego, 1998

#### Registrations/ Certifications

State of California  
Contractors State  
License No. 831496,  
Responsible Managing  
Employee

Society for Ecological  
Restoration, Certified  
Ecological Restoration  
Practitioner No. 0220

#### Select Project Experience

**SDG&E Wildfire Risk Management Program Fuels Management** (2020 - Present). Principal-in-Charge for implementation of fuel vegetation management services for the SDG&E Wildfire Fuels Management Program which includes weed-whipping and raking non-native vegetation material, hand cutting native shrubs with chainsaws and loppers, separating non-native and native material for chipping and mulching purposes, loading trailers and trucks, and disposing of material at approved off-site locations. Provided project oversight and ensured labor resources were sufficient to meet project schedule.

**Magpie Creek Floodplain Conservation Project** (2018 - 2019). Principal-in-Charge for the habitat restoration efforts for the 18-acre Magpie Creek Conservation Project in Sacramento County. Provided general contract oversight, QA/QC of submittals, including the Erosion Control and Sediment Prevention Plan, and adaptive management techniques associated with working in an area with high transient activity. Work performed for Sacramento Area Flood Control Agency.

**Anza Borrego Desert State Park Vegetation Removal and Habitat Restoration** (2011 - 2020). Principal-in-Charge for the vegetation removal and habitat restoration of over 300-acres. Vegetation management and restoration included coordination with multiple agencies, including State Parks, to assist in controlled burn. Work also included cutting invasive trees using mowing equipment and chainsaws throughout the treatment area. Required close coordination with Parks, as work was being completed on public lands in remote and rocky terrain. Work performed for Pattern Energy Group, LP, with BLM as the lead agency.



# Aaron Brinkman

Crew Lead



Mr. Brinkman is a Construction Group Crew Lead with 11 years of professional experience, including experience as a Certified Arborist. He is responsible for directing our construction crews throughout Northern California and ensuring successful completion of project tasks. Mr. Brinkman is trained in safety, equipment operation, reporting, herbicide application, irrigation installation, and planting. Mr. Brinkman's duties include the day-to-day planning

and guidance of construction project sites; implementing crew work assignments; managing project priorities and deadlines to meet project goals and schedule; communicating project related information from the field to the Project Manager; and maintaining accurate logs and daily reports. Additionally, Mr. Brinkman makes sure his crew has the appropriate PPE and is operating under all applicable safety protocols. Mr. Brinkman's project experience includes brush management, installation of exclusionary fencing, invasive species removal, working within sensitive wetland features, installation of Stormwater BMPs, and planting and irrigation for restoration efforts.

## Education

Bachelor of Science,  
Construction  
Engineering, San Diego  
State University

## Certifications

ISA Certified Arborist  
No. WE #14220A

CMAA, Construction  
Manager in Training  
License, 2014

Department of  
Pesticide Regulation,  
Qualified Applicators  
License B Categories,  
#155603, 2019

## Select Project Experience

**Nevada Irrigation District (2018 - 2020).** Crew Lead for brush management services along NID's Bowman 60kV transmission line and flume and canal system. Responsible for leading daily safety tailgate meetings, assigning crew tasks, meeting NID staff on-site to review work areas, reporting daily prevailing wage labor categories, reporting daily production rates by method, providing regular schedule updates, calling in and out of the site at the start and end of each workday, and maintaining equipment and materials. Also responsible for coordinating with Client and management team on red flag warning days. Work was performed for NID on lands owned by PG&E, USFS, and private owners in Nevada County.

**Promontory Village 8 Fire Break and Vegetation Management (2020).** Crew Lead for Promontory Village 8 Thatch and Vegetation Removal project in El Dorado County. Responsibilities included ensuring crew was working safely and efficiently on extremely sloped and rocky terrain, in high temperatures, and maintaining appropriate fire safety suppression tools. Responsible for submitting daily reports detailing work areas completed and equipment and materials used. Served as the on-site point of contact for the client. Work performed for The Management Trust.

**Greenfield Farms Vegetation Management (2020).** Crew Lead for approximately 22 acres of vegetation management at a project site in Humboldt County. Responsible for leading a 4-person crew and assigning specific tasks, as work was taking place in different locations on site simultaneously. Responsible for verifying each work area location was complete per the CAL FIRE specifications and providing photos to the project manager. Expected to maintain fire preparedness, including a water buffalo and fire management tools on-site and within 100-feet of work area at all times.

## 4. Subcontractor’s Experience

Pacific Coast Trees (PCT) joins the HELIX team as a subcontractor for tree-falling services. PCT was started in 2004 by Erika Vargas and was incorporated in the State of California as a Minority-Owned and Small Business Corporation in 2020. Utilizing the latest methods in tree care and maintenance, combined with their two decades of experience, PCT provides high quality and cost-effective tree removal services. PCT offers a wide range of tree services, including tree removal, thinning and limbing, pruning and trimming, stump grinding, and chipping wood/mulch waste. With the many dangerous factors involved in performing tree work, safety is PCT’s highest priority. PCT complies with state regulations and policies, regularly holds safety meetings with employees, and performs regular equipment checks and maintenance. PCT is licensed, insured and bonded. PCT partners with well-established landscaping companies, real estate agents, property management companies, general contractors, and local governments.

**San Lorenzo Valley Water District Vegetation and Fuels Management Implementation (2021).** PCT was a sub-contractor for HELIX Environmental Construction Group in 2021 for the SLVWD Fuel Management project. PCT completed removal of dead, dying, or hazardous trees greater than seven inches in diameter and coordinated closely with the HELIX Project Manager to ensure project was completed on schedule. Having removed trees at Olympia Well #2, PCT is familiar with the environmental requirements and tree removal practices associated with working in Sand Hill Habitat.

**Point of contact:** Erika Vargas, Pacific Coast Tree Service, 831.809.0954 phone

## 5. Client References

We welcome you to contact our references to attest to the quality of our work and to confirm our delivery of projects in a timely and cost-efficient manner. Key staff proposed to work on your project also had key roles on these projects.

Municipal Agency Contact	Project	Key Staff Involved
<b>Tina Konkle</b> Hydroelectric Compliance Analyst Nevada Irrigation District 530.271.6749	Brush Management for Bowman 60kV Line, Flumes, and Canals	Claire Watkins Aaron Brinkman Justin Fischbeck
<b>Carly Blanchard</b> San Lorenzo Valley Water District 831.338.2153	Vegetation and Fuels Management Implementation at Olympia Well and Bear Creek Tank Sites	Claire Watkins Justin Heilmann Aaron Brinkman
<b>Laura Cremin</b> Environmental Services County of Contra Costa, Public Works 925.313.2015	Pine Creek Detention Basin Invasive Species Removal	Claire Watkins Aaron Brinkman Justin Fischbeck

## 6. Fee Schedule and Estimates

Below is the standard HELIX Fee Schedule including State Prevailing Wage Requirements and Estimates for the example projects provided in the RFQ. The fee estimate was calculated based on the Project Understanding and Approach included in the next section.

<u>Labor Category</u>	<u>Hourly Rate</u>	<u>Labor Category</u>	<u>Hourly Rate</u>
Principal	\$300	Assistant Restoration Supervisor	\$94
Director of Operations	\$180	Restoration Foreman	\$85
Senior Project Manager	\$195-250	Restoration Lead	\$78
Construction Project Manager III	\$190	Restoration Technician III	\$68
Construction Project Manager II	\$165	Restoration Technician II	\$62
Construction Project Manager I	\$140	Restoration Technician I	\$55
Assistant Project Manager	\$110	Nursery Manager	\$125
Construction Foreman	\$95	Nursery Technician	\$50
Land Manager	\$95	Operations Manager	\$165
Equipment Manager	\$82	Senior Tree Trimmer*	\$101.80
Operator	\$125	Tree Trimmer - Lead*	\$97.76
Irrigation Technician	\$100	Tree Trimmer – Technician III*	\$92.54
Senior Restoration Supervisor	\$139	Groundsperson – Technician III*	\$84.63
Restoration Supervisor II	\$134	Groundsperson – Technician II*	\$79.27
Restoration Supervisor I	\$112	Groundsperson – Technician I*	\$74.28

\*Denotes State Prevailing Wage rate for CA DIR Tree Maintenance (Laborer), Determination: NC-102-X-21-2021-1

Certain identifiable direct costs will be charged to the project at cost plus ten percent. Examples of direct costs include subconsultants, vehicle or equipment rentals, airplane fares, parking, per diem and lodging, mileage (at IRS rates), communications, reproduction, and supplies. A 4-wheel drive premium will be charged at \$25 per project day. There will be additional charges for use of noise monitors, GPS, and other field equipment, as well as for plotting, color printing, and aerial photographs.

### General Prevailing Wage Determination - Tree Maintenance (Laborer) (ca.gov)

Estimates – The sheet below contains rough cost estimates based on the five locations provided by SLVWD at the self-guided tour on February 8, 2023. Per direction from SLVWD staff, contractors were instructed to submit estimates based on these five sites: Highland Tank, Nina Pump Station, Kirby Treatment Plant, Bennet Spring Box, and Olympia Well #3, instead of the example Projects A and B listed in Section XII of the SOQ. The following sites did not include acreages or have tree counts so assumptions were made to provide these estimates.

HELIX LABOR	Task 1		Task 2		Task 3		Task 4		Task 5		TOTAL		
	01: Highland Tank		02: Nina Pump Station		03: Kirby Treatment Plant		04: Bennet Spring Box		05: Olympia Well #3		TOTAL		
Personnel	Rate	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost
Principal	\$300	1.00	\$300	1.00	\$300	1.00	\$300	1.00	\$300	6.00	\$1,800	10.00	\$3,000
Project Manager I	\$140	4.00	\$560	2.00	\$280	2.00	\$280	4.00	\$560	48.00	\$6,720	60.00	\$8,400
Construction Operations Coordinator	\$165	8.00	\$1,320	8.00	\$1,320	8.00	\$1,320	8.00	\$1,320	48.00	\$7,920	80.00	\$13,200
Foreman - STANDARD	\$78	-	\$0	-	\$0	12.71	\$991	-	\$0	-	\$0	12.71	\$991
Lead - STANDARD	\$72	-	\$0	25.26	\$1,819	12.71	\$915	-	\$0	-	\$0	37.96	\$2,733
RT3 - STANDARD	\$59	-	\$0	-	\$0	12.71	\$750	-	\$0	-	\$0	12.71	\$750
RT2 - STANDARD	\$55	-	\$0	-	\$0	12.71	\$699	-	\$0	-	\$0	12.71	\$699
Foreman - CADIR Norcal Sr. Tree Trimmer 1 NC-102-X-21-2021-:	\$102	19.59	\$1,994	-	\$0	-	\$0	19.59	\$1,994	212.32	\$21,614	251.50	\$25,602
Lead - CADIR Norcal Sr. Tree Trimmer 1 NC-102-X-21-2021-1	\$98	19.59	\$1,915	-	\$0	-	\$0	19.59	\$1,915	212.32	\$20,756	251.50	\$24,586
RT3 - CADIR Norcal Groundsperson 1 NC-102-X-21-2020-2	\$85	19.59	\$1,658	-	\$0	-	\$0	19.59	\$1,658	212.32	\$17,969	251.50	\$21,284
RT2 - CADIR Norcal Groundsperson 1 NC-102-X-21-2020-2	\$79	19.59	\$1,553	-	\$0	-	\$0	19.59	\$1,553	212.32	\$16,831	251.50	\$19,936
Subtotal HELIX Labor		91.35	\$9,300	36.26	\$3,719	61.83	\$5,255	91.35	\$9,300	951.28	\$93,609	1,232.07	\$121,182

SUBCONSULTANTS	01: Highland Tank	02: Nina Pump Station	03: Kirby Treatment Plant	04: Bennet Spring Box	05: Olympia Well #3	TOTAL
5 trees	\$6,600	\$0	\$0	\$0	\$0	\$6,600
10 trees	\$0	\$0	\$0	\$13,200	\$0	\$13,200
25 trees	\$0	\$0	\$0	\$0	\$33,000	\$33,000
Subtotal Subconsultant Cost	\$6,600	\$0	\$0	\$13,200	\$33,000	\$52,800

EXPENSES	01: Highland Tank	02: Nina Pump Station	03: Kirby Treatment Plant	04: Bennet Spring Box	05: Olympia Well #3	TOTAL					
Chains, oil, fuel, filters	\$0	\$0	\$0	\$0	\$1,650	\$1,650					
Port-a-potty - with Trailer	\$154	\$120	\$308	\$132	\$264	\$978					
Chainsaw	\$286	\$72	\$0	\$644	\$1,964	\$2,965					
Chipper (12")	\$8,790	\$831	\$0	\$1,832	\$5,880	\$17,332					
Trailer - Dump Bed	\$0	\$0	\$0	\$0	\$935	\$935					
Mileage \$0.650	168.80	\$110	84.40	\$55	84	\$55	169	\$110	2026	\$1,317	\$1,646
Hotel	\$440	\$0	\$0	\$440	\$8,360	\$9,240					
Per Diem	\$280	\$35	\$140	\$280	\$3,360	\$4,095					
Subtotal Expenses	\$10,060	\$1,112	\$503	\$3,437	\$23,729	\$38,840					

TOTAL	01: Highland Tank	02: Nina Pump Station	03: Kirby Treatment Plant	04: Bennet Spring Box	05: Olympia Well #3	TOTAL
	\$25,959	\$4,830	\$5,757	\$25,936	\$150,338	\$212,821

Assumptions – Highland Tank assumes cutting and removal of approximately two acres of vegetation and removal of five trees. Nina Pump Station and Kirby Treatment Plant assumes approximately two acres of weed whip cleanup and minor trimming; no trees will be removed. These two sites would qualify under landscape maintenance wage determination. Bennet Spring Box assumes approximately one third of an acre of heavy vegetation removal and removal of five trees with limited access to the site. Olympia Well #3 assumes removal of heavy vegetation occurring within 100 feet of road along approximately one half mile (roughly 12 acres), starting at the Zayante Fire Station. This site also assumes up to 25 trees will be removed.

## 7. Project Understanding and Approach

### 7.1 Project Understanding

HELIX has reviewed the Request for Qualifications (RFQ), including the background documents hyperlinked in the RFQ, and understands the goal of this project is to reduce fuel loads and to help protect water infrastructure and access routes, while protecting the natural plant communities and diverse wildlife species of the San Lorenzo River watershed. Furthermore, HELIX understands that work will need to be performed in adherence with a number of the District's plan documents, including the Post-Fire Recovery, Critical Asset Hardening, Vegetation and Fuels Management Plan, Watershed Management Plan, Part I and Part II, and the Integrated Pest Management Policy. The HELIX team has been assembled to complete the vegetation management activities described in the RFQ through the use of hand crews, heavy equipment, manual and mechanical methods, as well as limited grazing, throughout the District's service areas.

Santa Cruz County is a diverse region, and we understand that nearly all work will be conducted in remote settings, and within steep and rugged terrain. Small communities reside in these mountains and our HELIX team knows to be respectful and courteous to the residents and to observe operating hours when using equipment. Sometimes work may be necessary during periods of inclement weather, high heat, and environments only accessible by foot. These variables are common challenges that HELIX routinely experiences on our projects and have been considered in preparation of this submittal. The HELIX team has the labor force, skillset, and safety measures in place to adapt to these conditions and complete vegetation management tasks in a reliable, cost-effective, and successful manner.

### 7.2 Project Approach

#### 7.2.1 Scheduling and Coordination

Prior to proceeding with work, a schedule of activities by location, anticipated completion schedules, and inspections will be coordinated with District staff at a project kick-off meeting. Cutting method, hand work versus equipment, and disposal method, chipping versus removal, will be determined in coordination with the District based on site conditions (Sand Hill Habitat). No work will be scheduled on weekends, state holidays, or on Red Flag Warning days. Additionally, equipment will not be operated when the ground is saturated and has potential to cause rutting or erosion. Scheduling will also consider sensitive species and nesting bird restrictions. HELIX will coordinate with the District to determine the environmental restrictions and buffers related to nesting birds, wood rats, special-status plants and wildlife, and cultural resources for each project.

The HELIX team will staff the project accordingly to ensure the District's goals are achieved. HELIX understands that work is expected to begin as early as March 2023 and will be completed prior to the following Spring, and therefore may need to implement multiple vegetation management projects concurrently. HELIX's crew size allows for this flexibility and our fleet of equipment and vehicles can easily meet these demands.

## 7.2.2 Work Implementation

HELIX will approach each project site using the approved schedule, methods and maps discussed at the kick-off meeting. If GIS mapping is available, HELIX can assist the District in creating maps that identify work areas, corresponding acreages and treatment type.

Access in and out of the work areas will be coordinated with the District. Depending on the duration of the project, HELIX will establish a staging area at each project site that will serve as the designated meeting spot for tailgate meetings and storage for necessary materials, tools, and equipment required to perform daily tasks. The staging area will be kept clean, well-organized, and equipped with cleanup supplies, including spill kits, for the materials being stored. Refueling equipment will be limited to specific areas on-site, determined in coordination with the District. Drip pans will be placed under equipment when not in use.

HELIX field crews will utilize an assortment of tools and equipment to complete the vegetation management activities, including chainsaws, chippers, loppers, line trimmers, pole saws, deck mowers, brush hogs, etc. No herbicide use will be permitted. The method of cutting and disposal will be project specific and determined in coordination with the District based on site conditions, access, terrain, and environmental resources. For safety and efficiency, HELIX will coordinate with PCT to ensure that hand crews to do not overlap with tree removal crews and will receive progress updates at the completion of each day. Typically, HELIX will remove trees less than six inches in diameter and understory vegetation prior to PCT's involvement. PCT activities will follow HELIX, focusing on removal of material which is seven to twelve inches in diameter, including technical tree removals. This allows safer access for PCT tree crews to move throughout the project site, unrestricted by lower growing vegetation. In general, vegetation management activities will include:

- Mowing of annual grasses, weeds, and forbs to reduce overall height.
- Removal of "ladder fuels" including pruning live and dead low hanging branches (below 12' height) and shreddy bark from below trees.
- Removing dead and downed materials and logs less than 12-inches diameter.
- Removal of invasive seedlings and re-sprouts by hand. No herbicide use is permitted (unless SLVWD approved).
- Falling and disposal of small live trees up to 12-inches in diameter.
- Falling and disposal of dead trees.
- Protection of native plants and marked special features and trees protected under the Santa Cruz County tree ordinance
- Chip and distribute cut materials, or haul and dispose of materials off site.
- Maintenance of existing fire roads (unpaved native surface).
- Erosion control materials, such as straw wattles, erosion control blankets, wood chips, etc. as needed
- Limited grazing

Crew trucks will be equipped with firefighting hand tools, fire extinguishers, and at least one 5-gallon backpack pump. Additionally, each HELIX field crew is equipped with a cell phone that allows for regular communication with their project manager, such as location of work, task progress, changes to the schedule, problems encountered, and corrective actions, if any. A cell phone communications list will be assembled during the project kickoff meetings and will contain project-specific emergency contact information.

A complete list of the tools, equipment, and facilities HELIX maintains to support our wildfire management services is provided below. Additional equipment and materials, such as chippers, are rented and acquired on a project-specific basis.

- Facilities, Storage Yard
- (3) 500-Gallon Water Trailers
- Kubota Tractor
- Flail Mower
- Tractor Disc
- Ground Shark (Brush Mower)
- (2) Dump Bed Trailers
- Line Trimmers, Chainsaws, Pole Saws
- (17) 4WD Crew Trucks
- 4WD Kubota Utility Vehicle
- Hand Tools
- Fire prevention tools and equipment
- Emergency Spill Kits
- Backpack Sprayers
- Boom Sprayer
- 4x4 ATV

Pacific Coast Tree owns and operates a variety of equipment and safety measures to complete mastication and tree removal services within Northern California. A list of additional equipment that may be utilized by Pacific Coast Tree is provided below.

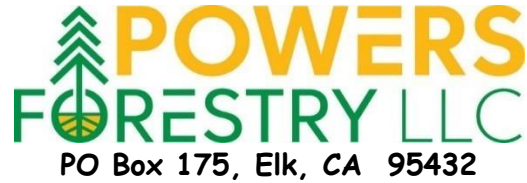
- Dump Truck
- 12" Chipper
- (2) 4WD Crew Trucks
- Track Skidsteer w/ Grapple Attachment
- Dump Trailer

Following completion of a project, HELIX will rehabilitate any portions of the project site that may have been affected by the work, including tire or track marks and project-generated non-vegetative debris. Rehabilitation will occur as-needed and may include smoothing tracks with equipment, hand work with grade rakes or seeding.

### 7.2.3 Reporting

HELIX will produce daily field reports for field crews performing work under this contract. Daily reports will be filled out on cellular tablets and aggregated into a format approved by the District and submitted at a frequency agreed upon by the District. Each report will include a map of areas where work was performed, number of staff assigned to the project, methods used for cutting and disposal, materials processed, and updated schedules of work completed, and work forecasted for the next reporting period. Upon project completion, HELIX will ensure that the District has received pertinent project information and may conduct a final field walk through to confirm that the scope of work has been successfully completed.

HELIX also has extensive experience reporting on projects with prevailing wage requirements and regularly reports to the Department of Industrial Relations, as required. The nature of this project is maintenance oriented and includes tree trimming. As such we have included maintenance and tree maintenance categories in the fee schedule. If projects are issued by the District with a construction orientation, HELIX will work with the District to determine the appropriate rate structure.



February 17, 2023

Carly Blanchard  
San Lorenzo Valley Water District  
13060 Highway 9 Boulder Creek, CA 95006  
Phone: (831) 338-2153  
Email: cblanchard@slvwd.com

**RE: RFQ FOR PROFESSIONAL SERVICES TO THE SAN LORENZO VALLEY  
WATER DISTRICT FIRE/VEGETATION MANAGEMENT ANNUAL MAINTENANCE**

Powers Forestry, LLC is excited about the request for qualifications (RFQ) proposed by the San Lorenzo Valley Water District and is prepared to provide professional services for fire/vegetation management annual maintenance. Powers Forestry has a firm understanding of the project and requirements for the ongoing annual maintenance of implementing and maintaining fuel reduction work on District owned lands as stated in the RFQ. Powers Forestry will perform all scopes of the project in accordance with all applicable laws and standards including, but not limited to defensible space and fuel reduction, chipping or disposing of material, record keeping, environmental protection, fire hazard and prevention and safe work practices.

Powers Forestry has extensive experience with vegetation management and fuel reduction projects performed by hand crews, heavy equipment, manual and mechanical methods, and grazing on utility and agency-managed land. Powers Forestry is well versed on the implementation of all phases of work necessary to perform this fire safety work including defensible space creation and fuel reduction project planning, inspection and implementation, hazard tree assessment in the Santa Cruz Mountains, natural resource protection measures including Sandhills habitat, wood and debris management, and erosion control measures. Additional relevant experience includes working knowledge of timber harvest operations, California Forest Practice Rules, CALFIRE exemptions and permitting, preparation of CEQA Categorical Exemptions, and CEQA compliance.

Thank you for providing us the opportunity to present our qualifications for this work. Please reach out to us if you have any questions about our response. We look forward to working with the San Lorenzo Valley Water District on this important vegetation management fuels work.

Sincerely,

*Michael Powers*

Mike Powers, RPF#2690  
Owner/Managing Member  
(707) 272-8803  
[mike.powersforestry@gmail.com](mailto:mike.powersforestry@gmail.com)



## **2. Background:**

### **Project Team's Qualifications and Background:**

Powers Forestry has 30+ years of forest and land management experience including extensive experience in the planning, implementation and monitoring of hazardous fuel reduction projects for Cal Fire, Cal Trans, San Lorenzo Valley Water District and PG&E. Professional services provided include the development of fuel reduction treatment prescriptions, hazard tree identification, landowner contact and coordination, natural resource protection measures/environmental compliance, tree contractor oversight and GIS mapping and data collection. Recent related project experience includes the development of Fuel Reduction Action Plan's (FRAP) for multiple Cal Trans districts and project areas, as well as the development and implementation of a wildfire fuels reduction project for the San Lorenzo Valley Water District and the protection of District owned facilities and sensitive environmental resources. Additional related project experience also includes CEQA preparation including an Environmental Review Report (ERRF) for a CALFIRE wildfire fuels reduction grant project in support of the filing of a Categorical Exemption where our team performed field reviews and flagged work exclusions for sensitive species watercourse/riparian zones. Powers Forestry has had no contract/subcontract terminated, in default or claims made against it that has resulted in litigation or arbitration in the last 5 years.

### **Michael Powers (RPF Principle)**

**Education** – UC Berkeley. College of Natural Resources. B.S. Resource Management, 1995.

#### **Professional Licenses and Certifications –**

California Registered Professional Forester (RPF) #2690

International Society of Arboriculture (ISA). Certified Arborist #WE-8135A

International Society of Arboriculture (ISA). Tree Risk Assessment Qualification (TRAQ).

CAL FIRE Certified Archaeological Surveyor #129R.

#### **Experience-**

1995-Present. Forestland management, implementation of CA Forest Practice Rules, preparation of CEQA Cat Ex and Mitigated Neg Deg documents, timber operations, design/planning/implementation of fuels management projects, fire damaged tree assessments, natural resource protection measures, road management, public/private utility vegetation management, program and project management.

### **Loren McAfee (RPF Senior Associate)**

**Education** – Humboldt State University. B.S. Forestry, 2003.

#### **Professional Licenses and Certifications -**

California Registered Professional Forester (RPF) #2848

International Society of Arboriculture (ISA). Certified Arborist #WE-9161A

International Society of Arboriculture (ISA). Tree Risk Assessment Qualification (TRAQ).

CAL FIRE Certified Archaeological Surveyor #182.

#### **Experience –**

2004-Present. Forestland management, implementation of CA Forest Practice Rules, forest inventories, timber operations, fire fuels management, botanical surveys, tree mortality surveys, road management, natural resource protections, road management, public/private utility vegetation management and project management.

### **Alexandra Baldwin (Associate Certified Arborist)**

**Education** – University of California, Santa Cruz. B.S. Ecology and Evolutionary Biology, 2018.

### **Professional Licenses and Certifications -**

ISA Certified Arborist and Utility Specialist, WE-12659A  
Tree Risk Assessment Qualified (TRAQ)

#### **Experience –**

2016-Present. Utility vegetation management, vegetation program management, arborist inspections, hazard tree assessment, wildfire and storm emergency response, exotic plant management, riparian and Sandhills habitat restoration and environmental compliance.

### **Powers Forestry Licenses and Certifications**

- California Contractors License # 957569 (D49 – Tree Service and C27 – Landscaping)
- Pest Control Advisor License #75481; Qualified Applicator License #105402
- Pest Control Business License DPR# 37619
- CALFIRE Certified Archaeological Surveyor #129R and #182 (CAL FIRE Funded Projects)
- DIR Registration #PW-LR-1000891854 (Public Works Contractor Registration)

## **3. Experience:**

### **2022 -**

- RPF professional services provided to PG&E for electric transmission and distribution vegetation management. Expert tree reviews for facility protection/regulatory compliance, fire ignition investigations, electric distribution undergrounding/overhead hardening reviews, complex vegetation management issue SME advice, and natural resource protection.
- Caltrans Wildfire Fuels Reduction Projects (Districts 5 and 11; Santa Cruz, San Luis Obispo, Santa Barbara and San Diego Counties). Development of Fuels Reduction Action Plans (FRAP), hazard tree identification, GIS/mapping and expert advice, and natural resource protection surveys and compliance.
- CAL FIRE California Climate Investments Grant Fuel Break/Emergency Evacuation Road Project, Mendocino County. Professional services for environmental review/CEQA documentation, project implementation, supervision, hazard tree identification, sensitive resource protection and landowner coordination.

### **2021 –**

- RPF professional services to PG&E for electric transmission and distribution fire damaged tree evaluations within the Dixie, Monument and Salt Wildfire areas. RPF services included subject matter expert recommendations on fire damaged tree evaluations, tree removal operations and environmental BMP protections.
- RPF professional services to San Lorenzo Valley Water District (Santa Cruz Co.) for the development and implementation of wildfire fuels reduction project for the protection of District owned facilities (tanks, pump stations, access roads and wells) and protection of sensitive resources within the project areas.

### **2020 –**

- RPF professional services to PG&E for electric transmission and distribution fire damaged tree evaluations within the CZU complex, LNU complex and Glass Wildfire areas. RPF services included subject matter expert recommendations on fire damaged tree evaluations, tree removal operations and environmental BMP protections. Training and calibration of “pre-inspector” contractors that conducted the majority of the tree evaluations and data collection.

#### **4. Staff Experience:**

Please see attached resumes.

#### **5. Sub contractor's Experience:**

- **Vasquez Reforestation LLC (Labor Crew/Hand cutting and Chipping)**

Vasquez Reforestation has over 20 years of experience providing labor crews for forestry projects, including tree planting, forest thinning and fire fuels reductions in Northern California for private/public forest landowners and conducting grant funding fire fuels reduction work.

Jesus Vasquez (707) 357-8388

- **T. Bloyd Excavating Inc (Mastication with Excavator)**

T. Bloyd Excavating has over 20 years of experience with equipment operations for forestry projects, including road maintenance/construction, erosion control and fire fuels reduction with mastication. California Contractors License #1074443 (A-General Engineering) and Licensed Timber Operator # A1485

Troy Bloyd (707) 485-2652

- **Chasin Goat Grazing LLC (Animal Browse with Goats and/or sheep)**

Chasin Goat Grazing has been providing animal browse/grazing services to clients in California since 2015. Projects have primarily been focused on weed abatement and fire fuels reduction.

Chase Cianfichi (707) 326-4467

#### **6. Client References:**

1. CAL FIRE Elk Evacuation Shaded Fuel Break (MEU-Mendocino Co.) (March 2022-December 2022)

Ben MacMillian, Elk Community Services District. (916) 660-3330

Julie Rhoads, CAL FIRE. (707) 813-0231

Project Description: Creation of a shaded fuel break/removal of hazard trees and animal browse along three County Roads (25 Miles total length) for use a shaded fuel break and emergency ingress/egress. Provided professional services for the CEQA review/environmental documentation, landowner contact/coordination/access permission, supervision and implementation of the work to establish fuel break and remove trees. Creation of maps, GIS and project tracking/quality control process.

2. Caltrans District 11 San Diego County Wildfire Fuels Reduction and Hazard Tree Removal Project (April - November 2022)

Brice Little, Utility Tree Service LLC. (530) 545-1075

Caltrans District 5, Santa Cruz/San Luis Obispo/Santa Barbara Counties Wildfire Fuels Reduction and Hazard Tree Removal (June 2022-Present)

Wes Moorhead, AERI Inc. (412) 445-8686

Project Description: Development of a Fuels Reduction Action Plan (FRAP), development of fuels reduction treatment prescription, identification and inventory of removal hazard trees, flagging of

protection zones and GIS/maps. Note: Both District projects have the same scope of work from Caltrans.

3. San Lorenzo Valley Water District (Santa Cruz Co.) Wildfire Fuels Reduction for Protection of District Infrastructure Project (June 2021 – December 2021)

Carly Blanchard, Environmental Programs Manager (831) 222-0275

Project Description: Development of fuels treatment prescription, project field layout and flagging of sensitive species buffers. Tree inspections and identification of hazard trees for removal. Oversight and supervision of project implementation contractors.

## **7. Fee Schedule and Estimates:**

**a. Vegetation management/fuels reduction out to 100 feet from edge of rural, forested roadway for 1,000 linear feet**

**b. Defensible space management out to 100 feet around a water tank or other infrastructure in rural, forested setting**

### **Treatment Options and Description of Work:**

**1) Establishment of New Fuel Break**

**a. Hand Crew (Chip and Broadcast)**

- Utilization of small labor crew with hand tools/power tools to clear and process woody material. Utilization of 12" tow chipper for wood processing.
- Thin and reduce woody fuels by using chainsaws to cut brush and small trees <12" DBH. Prune retained tree limbs to 10-12' above ground surface.
- Process cut materials through chipper and broadcast on site to not concentrate (<3" depth.)
- Gather down dead and woody material on ground <12" diameter and process through chipper and broadcast on site to not concentrate (<3" depth).

**b. Hand Crew (Haul From Site Wood Debris and Cuttings – Sandhills Habitat)**

- Utilization of small labor crew with hand tools/power tools to clear and process woody material. Utilization of 12" tow chipper for wood processing and chip truck to haul chips from site.
- Thin and reduce woody fuels by using chainsaws to cut brush and small trees <12" DBH. Prune retained tree limbs to 10-12' above ground surface.
- Process cut materials through chipper and haul chips from site to green waste facility.
- Gather down dead and woody material on ground <12" diameter and process through chipper and haul chips from site to green waste facility.

**c. Mastication**

- Utilization of small excavator (CAT 309) with masticator attachment.
- Masticate brush and small trees <12" DBH. Masticate low tree limbs 10-12' above the ground surface. Masticate down/dead woody material.
- Masticate so resulting wood chips/mulch is spread evenly and covers equipment track and any resulting bare soils.

**d. Hazard Tree Removals >12" DBH**

- Identified hazard trees. Moderately difficult in complexity to safely remove.
- Utilization of experienced faller, rigging and potentially climbing. No specialized equipment such as bucket trucks or cranes included.

- Cut tree, chip woody debris <12" diameter. Either broadcast chips on-site or haul off for green waste disposal.
- Place logs >12" diameter in stable position and location.

## **2) Maintenance of Existing Fuel Break**

### **a. Hand Crew (Annual Treatment #1 and #2 Follow-up)**

- Utilization of small labor crew with hand tools/power tools to clear and process woody material. Utilization of 12" tow chipper for wood processing and chip truck to haul chips from site. Maintenance of existing fuel break starting 1-2 years post initial establishment treatment.
- Annual maintenance treatments (Calendar year) with treatment #1 occurring approximately March-May and treatment #2 occurring July-August.
- Cut and remove woody vegetation re-growth within fuel breaks. Cut grasses/weeds with string trimmer within fuel break area within 3" of ground surface.
- Process cut woody materials through chipper. Haul chips/cut material from site to green waste facility.
- Gather down dead and woody material on ground <12" diameter and process through chipper and haul chips from site to green waste facility.

### **b. Mastication**

- Utilization of small excavator (CAT 309) with masticator attachment.
- Masticate woody vegetation re-growth and down/dead woody material.
- Masticate so resulting wood chips/mulch is spread evenly and covers equipment track and any resulting bare soils.

### **c. Animal Browse**

- Utilization of 200-300 animal herd of goats and/or sheep to reduce woody vegetation re-growth and grasses/weeds in treatment areas.
- Installation of temporary electric fencing and all animal care needs for herd.
- 24 Hour on-site goat herder(s) to tend to the herd for animal care and safety.

## **Professional Services (Registered Professional Forester, Certified Arborist and GIS Specialist):**

### **1) Project Set-Up.**

- Provide professional services for project planning and set-up field work.
- Research to include land ownership boundaries, survey maps, sensitive species records, vegetation mapping, etc. Coordination with District staff and local agencies.
- Field work to include identification of District property boundaries, treatment boundaries, marking of vegetation for removal, inspection and marking of hazard trees, survey for sensitive species and habitat. Identification and flagging of sensitive species and watercourses for protection.
- Recording of vegetation listed for removal and documenting treatment areas/units with before treatment photographs.

### **2) Project Implementation.**

- Provide professional services for project implementation supervision, safety monitoring and documentation of work completed.
- RPF/Cert Arborist to be on-site during implementation at a frequency and duration necessary for robust supervision and coordination with District staff.
- Documenting work progress and completed with reports, tables and after treatment photographs. Quality Control (QC) monitoring and documentation.
- Maintaining project files and documents of work performed and completed.

**SUMMARY -- FEE SCHEDULE AND ESTIMATES**

**UNIT = Fuels Reduction 100' Wide (200' wide both sides of road) x 1000' Long From Edge of Roadway**

ITEM 7a				Total Acres/Unit	2.3		
Establish New Fuel Break		Crew-Days	Daily Cost	Treatment Cost/Unit	Professional Services Costs/Unit	TOTAL	Treatment Cost per Acre
	Option 1a - hand crew without greenwaste disposal	2.2	6,570.00	14,454.00	1,750.00	16,204.00	6,284.35
	Option 1b - hand crew with greenwaste disposal	2.4	7,155.00	17,172.00	1,750.00	18,922.00	7,466.09
	Option 2 - masticate	2.3	2,910.00	6,693.00	1,750.00	8,443.00	2,910.00
<b>Maintain Existing Fuelbreak</b>							Treatment Cost per Acre
	Option 1a - hand crew (First Pass)	1.3	6,570.00	8,541.00	1,750.00	10,291.00	3,713.48
	Option 1b - hand crew (Second Pass)	0.8	7,155.00	5,724.00	1,750.00	7,474.00	2,488.70
	Option 2 - masticate	1.8	2,910.00	5,238.00	1,750.00	6,988.00	2,277.39
	Option 3 - Animal browse	5.4	1,000.71	5,370.50	1,750.00	7,120.50	2,335.00

**UNIT = Defensible Space Management 100 feet Around Infrastructure (Treatment only on District lands)**

ITEM 7b				Total Acres/Unit (Avg. Estimate)	0.7		
Establish New Fuel Break		Crew-Days	Daily Cost	Treatment Cost/Unit	Professional Services Costs/Unit	TOTAL	Treatment Cost per Acre
	Option 1a - hand crew without greenwaste disposal	0.7	6,570.00	4,599.00	1,750.00	6,349.00	6,570.00
	Option 1b - hand crew with greenwaste disposal	0.9	7,155.00	6,439.50	1,750.00	8,189.50	9,199.29
	Option 2 - masticate	0.9	2,910.00	2,619.00	1,750.00	4,369.00	3,741.43
<b>Maintain Existing Fuelbreak</b>							Treatment Cost per Acre
	Option 1 - hand crew (First Pass)	0.3	6,570.00	1,971.00	1,750.00	3,721.00	2,815.71
	Option 1 - hand crew (Second Pass)	0.2	7,155.00	1,431.00	1,750.00	3,181.00	2,044.29
	Option 2 - masticate	0.8	2,910.00	2,328.00	1,750.00	4,078.00	3,325.71
	Option 3 - animal browse	1.6	1,000.71	1,634.50	1,750.00	3,384.50	2,335.00

<b>Hand Crew Treatment</b>			
<b>Hand Crew Detail</b>			
Description	\$/Hr	Hrs/Day	\$/Day
Laborer x 5 (\$80.00/hr/person)	\$ 400.00	8	\$ 3,200.00
Crew Foreman x 1	\$ 80.00	8	\$ 640.00
Field Supervision/Admin/Safety	\$ 110.00	8	\$ 880.00
Description	\$/Day	Quantity per day	\$/Day
Per Diem (Hand Crew)	\$ 200.00	6	\$ 1,200.00
Vehicle Fees	\$ 75.00	2	\$ 150.00
Chipper	\$ 500.00	1	\$ 500.00
Greenwaste Disposal	\$ 585.00	1	\$ 585.00
Mobilization/Demob Cost (assume 2 days at 4 hours each day)			\$ 6,070.00
Work Production Cost without Greenwaste Disposal (per day)			\$ 6,570.00
Work Production Cost with Greenwaste Disposal (per day)			\$ 7,155.00

<b>Mechanical Treatment</b>			
<b>Mechanical Treatment Crew Detail</b>			
Description	\$/Hr	Hrs/Day	\$/Day
CAT 309 Excavator Masticator w/ Operator	\$ 185.00	8	\$ 1,480.00
Field Supervision/Admin/Safety	\$ 110.00	8	\$ 880.00
Description	\$/Day	Quantity per day	\$/Day
Per Diem	\$ 200.00	2	\$ 400.00
Vehicle Expense	\$ 75.00	2	\$ 150.00
Greenwaste Disposal	\$ 585.00	0	\$ -
Chipper	\$ 500.00	0	\$ -
Mobilization/Demob Cost (assume 2 days at 4 hours each day)			\$ 2,910.00
Work Production Cost (per day)			\$ 2,910.00

<b>Other Services</b>			
<b>Animal Browse</b>			
Cost per Acre	\$2,335.00		
Acres per day (Production)	0.43		
Cost per Day	\$1,000.71		
<b>Hazard Tree Removals &gt;12" DBH</b>			
Cost per Tree	\$1,250.00		
<b>Professional Services -- Project Set Up and Management</b>			
Professional Staff	\$/Hr	Hours per Site	Total
Certified Arborist/GIS Specialist	\$ 110.00	8	\$ 880.00
Registered Professional Forester	\$ 130.00	4	\$ 520.00
		Qty/Day	
Professional Staff Per Diem	\$ 200.00	1	\$ 200.00
Professional Staff Vehicle	\$ 75.00	2	\$ 150.00
			\$1,750.00

**ATTACHMENTS (POWERS FORESTRY STAFF RESUMES)**



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## WORK EXPERIENCE

### **Powers Forestry LLC. Owner/Principle Manager/RPF. (2020-Present)**

- Provide Registered Professional Forester (RPF) and Consulting utility forester/arborist to public and private utilities for vegetation management, Integrated Vegetation Management, hazard tree assessments, Subject Matter Expert advise and other associated professional services.
- Post wildfire vegetation management, fire damaged tree assessments and response advise to public and private utilities.
- Management of public and private forestlands for timber harvests, fire fuels management and vegetation management.
- Project management, including environmental reviews, project development and implementation.
- GIS and mapping services for clients and projects.

### **California Department of Forestry and Fire Protection (CAL FIRE) Mendocino Unit. Forester III, Deputy Chief. (2014-2020)**

- Responsible for management of the 48,650 acre Jackson Demonstration State Forest in Mendocino County. Responsible for an annual operating budget of \$4.0 million.
- Administration responsibilities include supervising office staff, management of union contract issues, injury/illness reporting, budget preparation/monitoring, staff time reporting, facilities maintenance, contracts and special capital projects.
- Application of a ownership wide Management Plan, Environmental Impact Report and a Recreation Plan. Includes the review and protection of multiple protected species, critical habitats and archaeological/historical resources.
- Fire control and Incident Command System training. Responding to major emergency incidents as assigned. ICS Safety Officer Type 2.

### **Pacific Gas and Electric Company, San Rafael, CA. Vegetation Program Manager. (2012-2014)**

- Responsible for the management of the vegetation control program to comply with Public Resources Code 4292 and for fire risk mitigation associated with electric subject poles and towers. The vegetation control program is system wide and has an associated budget of \$9.0 million.
- Responsible for the management of an Integrated Vegetation Management (IVM) program designed to maintain electric transmission Right-of-Way corridors as open and free of incompatible vegetation and maintain compliance with NERC FAC-003. Management of the IVM program system wide with an annual operating budget of \$3.5 million.
- Responsible for the management of a vegetation management program designed to comply with weed abatement and fire hazard reduction requirements on 400 company owned parcels in 54 Cities. Responsibilities include administering an annual program budget of \$0.5 million, stewardship of natural resources on properties, compliance with local regulations and contract administration.

### **Mendocino Redwood Company, LLC, Fort Bragg, CA. RPF Forester. (1995-2012)**

- Responsible for the management and stewardship of approximately 60,000 acres of company owned forestland/wildlands with the objective of sustainable resource management/utilization of forest/timber, watershed, soils, fire fuels management, protection of plant/wildlife and archaeological/cultural resources. Administration of an annual operating budget of between \$3-5 million.

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## EDUCATION

University of California Berkeley. College of Natural Resources. Bachelor of Science, Resource Management. 1995.

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## PROFESSIONAL LICENCES / CERTIFICATES

- California Registered Professional Forester (RPF). Lic. #2690
- International Society of Arboriculture. Certified Arborist. Cert. #WE-8135A
- International Society of Arboriculture. Tree Risk Assessment Qualification (TRAQ)
- California Pest Control Advisor (PCA). Lic. #75481. Category "E" Weed Control
- California Qualified Pesticide Applicator. Lic. #105401. Categories "A" Residential, Industrial, Institutional, "B" Landscape Maintenance, "C" Right-of-Way and "E" Forest.
- CALFIRE Certified Archaeological Surveyor. Cert. #129R

**Loren McAfee**  
**P.O. Box 175**  
**Albion, CA. 95410**  
**(707) 813-7410 [mtnmac1@yahoo.com](mailto:mtnmac1@yahoo.com)**

**Qualifications:**

- California Registered Professional Forester (RPF# 2848).
- Qualified Applicator License (# 108528, Forestry, Right of Way and Aquatics)
- ISA Certified Arborist (Tree Risk Assessment Qualified)
- GIS skills (working knowledge of ArcGIS and ArcPad)

**Work Experience:**

**Writing**

- Timber Harvest Plans/Non-Industrial Timber Management Plans
- Arborist Reports
- California Forest Improvement Plans
- Estimating/ bidding project contracts
- Non-industrial Timberland Management plans

**Administration**

- Tree Planting
- Logging
- Plantation Thinning
- Chipping Crews
- Hazard Tree Risk Assessment Crews

**Miscellaneous Related Experience**

- Entomology research plot layout and damage assessment
- Herbicide research plot helicopter control
- Field Biology (Mollusks, burrowing owls and kit fox)
- Botany (assisted botanist with floristic surveys)
- Edited and compiled cruise data
- Acted as liaison between government agencies, industry, consultants and small landowners
- Stocking surveys
- Wildland fire fighting
- Hazard tree marking
- Hydrology technician (stream restoration/ erosion control)
- Northern Spotted Owl surveys

**Education:**

Sierra College, Rocklin, CA.  
Completed requirements for A.S. degree in forestry

Humboldt State University, Arcata, CA  
Graduated cum laude with a B.S. in forestry on 17 MAY 2003.

**Alexandra Baldwin**

410 Redwood Heights, Aptos, California 95003 | (831) 227-9440 | [alexandra.baldwin27@gmail.com](mailto:alexandra.baldwin27@gmail.com)

**Summary of Skills:**

- Diverse education and work experience in utility forestry, land management and plant science
- Provide operational oversight of contract arborists and tree crews
- Collaboration with contractor team, local government, external agencies and community groups
- Ability to work both independently and in a team to implement and execute project goals
- ISA Certified Arborist, Utility Arborist and Tree Risk Assessment Qualification, WE-12659A
- Proficient in Microsoft Suite and Geographic Information Systems including ArcGIS

**Work Experience:**

**Senior Vegetation Program Manager**, Pacific Gas & Electric, Santa Cruz, California Aug. 2020 – Present  
**Responsible for oversight of utility vegetation management program operations**

- Oversee contractor teams who inspect, assess and mitigate hazardous trees that impact overhead electric assets
- Maintain competing priorities of contractor safety, community safety, regulatory compliance and environmental compliance
- Collaborate with contractor team, local governments, external agencies and the community to enhance program goals
- Plan and execute special projects to increase wildfire risk reduction
- Provide and lead emergency response support for wildfires and storm events

**Consulting Utility Forester**, Davey Resource Group, Santa Cruz, California Aug. 2018 – Aug. 2020  
**Progressed from Inspector to Supervisor to Project Manager for PG&E's Vegetation Management Department**

- Inspect and assess distribution lines for encroaching vegetation and hazard trees
- Rapidly adapt to dynamic vegetation management program regulations, goals and procedures
- Work with diverse landowners to negotiate tree work and meet the needs of the client
- Train and provide support to new hires
- Support two field supervisors and their teams in producing quality work and mitigating risk in high fire threat areas
- Achieve common goals through successful collaboration with the client and other contractors

**Restoration Biology Intern**, Jodi McGraw Consulting, Felton, California Mar. - June 2017 & Apr. - June 2018  
**Assisted Principal Ecologist with Sandhills habitat restoration and conservation in the Santa Cruz Mountains**

- Conducted surveys for locally endangered plant and animal species
- Mapped and surveyed invasive and sensitive vegetation to aid conservation and land management plans for the Land Trust of Santa Cruz County
- Instructed and managed new interns on native plant installation, site maintenance and monitoring
- Performed exotic plant management and monitored research plots for restoration and conservation of local quarry properties

**Restoration Ecology Intern**, Coastal Watershed Council, Santa Cruz, California Nov. 2017 - June 2018  
**Collaborated with lead River Scientist on fundraising and habitat restoration projects for the San Lorenzo River**

- Helped develop and manage fundraising program with the Santa Cruz Warriors
- Recruited, trained and supervised volunteers and corporate team building groups of 5-25 people
- Integrated best management practices into riparian habitat restoration project planning, implementation and monitoring
- Maintained volunteer records and information using Excel and SharePoint

**Conservation Biology Intern**, Sempervirens Fund, Davenport, California Sept. - Dec. 2017  
**Worked alongside Land Stewardship Manager on land management projects in the San Vicente Redwoods**

- Inspected, assessed and identified trees for forest restoration thinning project
- Installed wildlife cameras to monitor large woody debris riparian restoration project
- Performed exotic plant management and native plant propagation and installation
- Gained knowledge of forestry practices including sustainable timber harvesting, fire prevention and vegetation management

**Education** B.S. Ecology and Evolutionary Biology, University of California Santa Cruz, June 2018



## *Cover Letter*

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P31 Enterprises, Inc. (P31) is a Northern California based company specializing in technical, high-hazard tree removal and debris management services. Established in 2016 as a state and federally recognized Woman-Owned Business Enterprise and Licensed Timber Operator, P31 is a family-owned company led by a team of industry veterans with decades of experience in the timber management and forestry products market.

Although a relatively young company, P31 has successfully performed projects in this market valued at more than \$450 million and managed approximately 500 employees and more than 150 subcontracted employees, all while maintaining our commitment to:

- Perform work in a safe manner protecting both personnel and the public;
- Perform quality work that exceeds client expectations; and,
- Complete work efficiently on or before committed deadlines.

*"P31 provided the cleanest, most complete, tree work and mastication of slash that I have seen from any tree crews! It is impressive... I wish all of our [overhead power] lines looked like this."*

- Sandy Frizzell, Foresters Co-Op

*"I can attest to P31's professionalism, knowledge of California Forest Practice Rules [and regulations], positive customer relations and priority of the safety of workers in their care. They provided timely, accurate data reporting, and were responsive to all requests for action in the field. I attribute this to the excellent human capital, their leadership skills and the respect it drives from the team."*

- Joanne Drummond, Pacific Gas & Electric Co., Vegetation Program Manager

As a contractor that is both A-Rated in ISNetworld and Gold Shovel certified, our top priority is providing a safe work environment for our employees, agency personnel, and the public. Safety topics and concerns are addressed daily on each project, supplementing our intensive new-hire and annual trainings. Our safety record is reflected in our excellent EMR rating, along with our acceptance and membership in the Titan Insurance Captive, a member-owned group which only extends membership to companies with a superior safety record.

P31 has developed and maintained high-functioning professional relationships with key industry stakeholders, including the US Forest Service, CalFire, and Pacific Gas & Electric Company (PG&E). We understand a good reputation takes a long time to build and is easily lost, which is why we work so hard not only to fulfill each contract but to fully meet and exceed the expectations of our clients.



**P31 ENTERPRISES, INC.**

E & E Comm: 4.7.23  
2015 Challenger Avenue, Suite A  
Oroville, CA 95965  
(530) 353-6276

[www.p31enterprises.com](http://www.p31enterprises.com)

**Contractor License Number: 1033427- C-61 / D49 - TREE SERVICE- A - GENERAL ENGINEERING-Expires 11/30/2023**

*Federal Tax ID: 81-1662609*

*DIR Number: 1000054173*

*DUNS Number: 080210401*

*WBE Number: 17000762*

*Contact Person: Joshua Saint, General Manager*

*Contact Address: 2015 Challenger Ave, Suite A Oroville, California 95965*

*Contact Phone: 706-429-5069*

*Contact Email: [Jsaint@p31enterprises.com](mailto:Jsaint@p31enterprises.com)*

*Signature:  Date: 2/17/2023*



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*Past Experience and References*

<b>CLIENT</b>
<b>City of Oroville</b>
2020-2021&2022: Performing pruning and removal services for both city R.O.W., and city owned parks. These services had to be in accordance to ANSI A300, ANSI Z133, and ISA Best Management Practices: Tree Pruning. In addition to tree crews performing this service, P31 is responsible to have an Arborist on staff to meet and coordinate with City officials for future work and the best course of action for work identified.
<b>Pacific Gas &amp; Electric Co. (PG&amp;E)</b>
2016 - 2022: Performing tasks encompassing Hazard Tree Mitigation, Right of Way Maintenance, and Emergency Mitigation in response to natural disasters. Most recently P31 worked in the Sierra Division completing Expanded Vegetation Management program requirements. This required crews to work in remote areas with limited oversight, felling and cleaning up a variety of trees while ensuring property owner satisfaction. This work spanned across a large number of line miles. Throughout all project aspects we ensure safe and efficient field operations paired with accurate and timely reports, project tracking, data management and billing.
<b>City of Sacramento</b>
2021-2022: Seasonal pruning of approximately 35,000 trees (including palms) and woody plants in various City parks, as well as tree and plant removal when needed. There are 223 parks within the City of Sacramento and most parks have mature trees and plants that require routine maintenance. The work is performed based on work orders and supervised by the Park Maintenance staff within the Department of Youth, Parks & Community Enrichment. In addition to this scope, P31 also is required to show up and perform emergency mitigation work for any hazards associated with these trees throughout the life of the contract.
<b>Cal Recycle 2021 Fires</b>
2021-2022: P31 Enterprises, Inc. was awarded as BOP Joint Venture along with Odin Construction Solutions and J.W. Bamford, Inc. for the 2021 Fires, Operation 1, performing postfire structural debris and hazard tree removal. The work we performed was in Plumas, Tehama, Trinity, Lassen, and Siskiyou Counties. This project consisted of multiple fires including the Dixie Fire, which was the largest single, non-complex fire in California’s history burning a record of 963,309 acres and destroying at least 1,329 structures. BOP successfully removed 22,438 hazard trees and 855 parcels by the completion of this project.



**Cal Recycle-Northern Branch**

2021-2022: P31 Enterprises, Inc., in a Joint Venture with Sukut and Pac States, was awarded the contract for the Northern branch Wildfire Cleanup located in Butte, Lassen, Nevada, Plumas, Shasta, Del Norte, Siskiyou, Trinity, and Yuba Counties. Wildfires swept through these counties in late 2020 and the PSP JV was tasked with fire debris and hazard tree removal. PSP JV removed 68,000 hazard trees and a total of 2,100 parcels of fire debris

CLIENT	POINT OF CONTACT	EMAIL	ADDRESS
City of Oroville	Wade Atteberry 530-693-0396	watteberry@cityoforoville.org	1735 Montgomery Street, Oroville, CA 95965
Pacific Gas & Electric	Joanne Drummond 530-913-7757	judh@pge.com	Not Applicable
City of Sacramento	Kevin Hocker 916-808-4996	khocker@cityofsacramento.org	915 I Street, Sacramento, CA 95814
Cal Recycle 2021 Fires & Northern Branch	Tina Walker 916-322-4027	Tina.Walker@calrecycle.ca.gov	1001 I St S, Sacramento, CA 95814





### *Fee Schedule*

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Item 1: Vegetation management/fuels reduction out to 100 feet from edge of rural, forested roadway for 1,000 Feet.

P31 will perform this service for \$2,330.56/Each

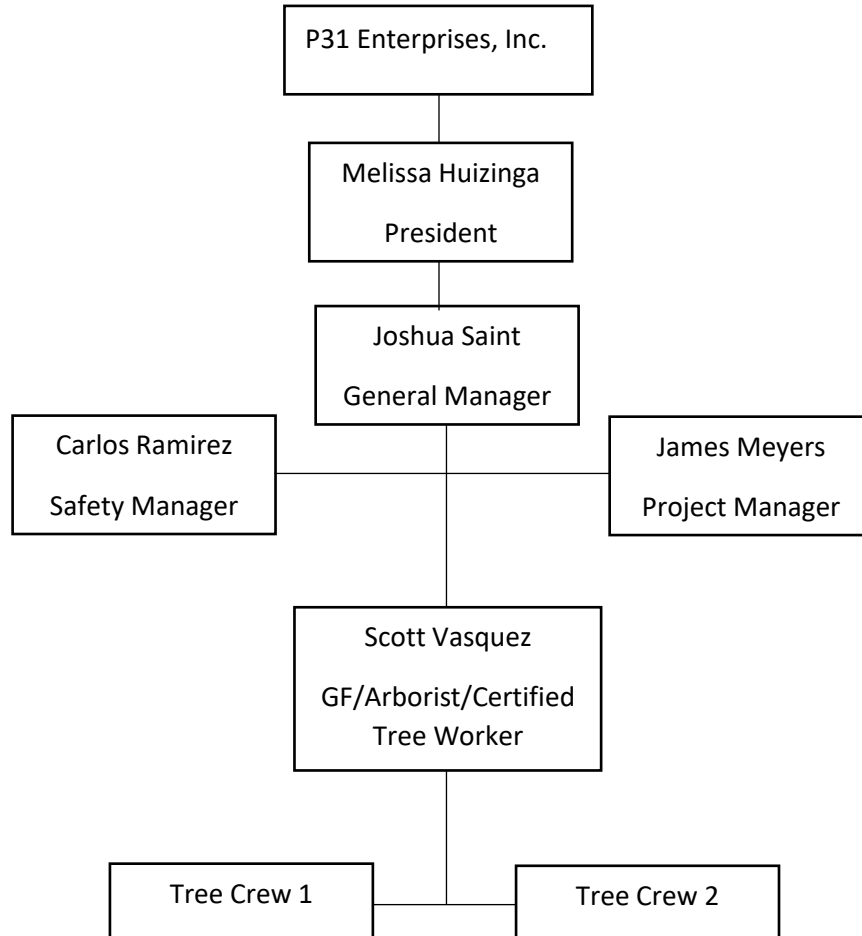
Item 2: Defensible space management out to 100 feet around a water tank or other infrastructure in rural, forested setting.

P31 will perform this service for \$1,247.83/Each



*Organizational Chart*

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## *Summary of Expertise for Key Personnel*

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### **Melissa Huizinga, President; 20 years experience**

Melissa Huizinga has been in the horticultural and arboricultural industry for over 25 years. With a wide range of experience from nursery management and tree care company administration to field oversight, arborist training, safety certifications, and TCIA accreditation, she has extensive knowledge of the industry. She works closely with the supervisors on the field and office staff to ensure contracts are fulfilled according to specifications. Under her leadership, the company has experienced exponential growth and expanded its capabilities to meet the ever-evolving industry of tree care and land management. Huizinga owns Arborworks LLC of Illinois and Greentek Services of California.

In the beginning years of Arborworks LLC, Melissa secured a number of federal contracts that were fulfilled successfully and resulted in satisfied customers. For example, the option years on the contract for the USACE Saylorville Lake was to the maximum allowed after two awards due to the satisfactory, safe performance and competitive pricing offered. Additional federal contracts were won with the US Army (Fort McCoy, Wisconsin) and National Park Service (Kennesaw National Park, Georgia). In addition to our federal portfolio, satisfied clients at Arborworks LLC and Greentek services include the Yosemite National Park, Kings Canyon National Park, Pacific Gas & Electric, US Army Corps of Engineers, Atlas Tree Service, A&E Arborists, Forest Preserve District of Cook County, the City of Wheaton, the Village of Hanover Park, the Village of Glen Ellyn, Nicor Gas, and more.

Melissa Huizinga is a certified Tree Care Safety Professionals (CTSP) certified by the TCIA. She possesses a unique industry knowledge that has propelled her companies forward, and through these experiences in the tree industry, Huizinga has positioned herself to continue the growth trend of P31 Enterprises in Northern California.

### **Joshua Saint, Field Operations Supervisor; 25 years experience**

Saint ensures each project is done safely, efficiently, and in compliance with all specifications. His background is in pulpwood, logging, and large nursery/horticultural production. Saint is a certified Tree Care Safety Professionals (CTSP) certified by the TCIA.

In his years with P31 and Greentek, he has provided skilled management that has resulted in successful projects. Using his project management and logistical skills, he has managed several multi-million dollar projects. Saint has worked in developing a strong onboarding program that



assesses practical skills including tree climbing, aerial rescue, high risk tree assessment, chipper safety, EHAP, and CPR/First Aid certification.

**Carlos Ramirez, ISA Certified Arborist, Certified Safety, CTSP, OSHA 30**

With many years of experience as safety coordinator for high-level tree removal and wood management projects, Ramirez brings a wealth of knowledge to the field. His close knowledge of the tree industry has prepared him to look at safety objectively, with a critical eye in order to provide pertinent feedback to field and management.

**James Myers, Project Manager, OSHA 30**

Myers has managed crews on multiple large-scale utility and non-utility contracts. He possesses extensive experience conducting wide scale ROW clearing and land clearing and tree removals with cranes, buckets, and manual crews. Myers manages QLCA climbers and grounds men, providing the leadership and communication necessary to succeed on projects.

**Scott Vasquez, ISA Certified Arborist, ISA Certified Tree Worker**

As an arborist for P31 Enterprises, Inc. Vasquez is responsible for assessing trees, brush, and other vegetation, preparing documentation, coordinating crews, enforcing safety policies, and best practices across projects P31 performs. In recent years, Vasquez has successfully led and managed crews on multiple contracts including City of Oroville's City Wide Tree Maintenance and the City of Sacramento's Parks Tree Maintenance. Through Vasquez's leadership, P31 has been able to perform above and beyond contractual requirements, thus securing and maintaining positive relationships with clients.



## **CALIFORNIA REFORESTATION, INC.**

22230-A So. Colorado River Drive • Sonora, California 95370

(209) 586-2115

San Lorenzo Valley Water District  
District 10360 Highway 9  
Bouder Creek, CA 95006  
February 17, 2023

To whom it may concern,

Thank you for the opportunity to provide our Statement of Qualifications to provide professional services to the San Lorenzo Valley Water District for fire and vegetation management maintenance. California Reforestation Inc. is well equipped to provide all of the services described in the RFQ.

We have a long history of working with both public agencies and private landowners to manage hazardous fuels vegetation. We have treated ditch banks, canal drainages, levees, dam faces, maintenance operator stations, management areas, solar farms, switch yards, substations, fuel breaks, and commercial conifer plantations.

California Reforestation is a licensed California State Contractor (C-61/D-49 Specialty Tree Service). Our staff includes three Registered Professional Foresters and four ISA certified arborists. Our crews are trained and professionally supervised. Equipment includes chainsaws, chippers, and other assorted equipment required to support a large vegetation management and maintenance project.

We have been active vegetation maintenance managers throughout the state of California for over 30 years, and understand the unique vegetation management needs the San Lorenzo Valley Water District faces in order to keep their facilities and infrastructure safe from wildfire.

California Reforestation appreciates San Lorenzo Valley Water District's consideration in providing these services.

Will Dorrell  
Vice President



San  
Lorenzo Valley  
WATER DISTRICT

## Statement of Qualifications

Prepared for:  
San Lorenzo Valley Water District  
Fire/Vegetation Management Maintenance

*California Reforestation Inc.*

*22230A South Colorado River Drive*

*Sonora, CA 95370*

[mail@calreforest.com](mailto:mail@calreforest.com) 209-586-2115

## Contents

1. BACKGROUND
2. EXPERIENCE
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4. SUB CONTRACTOR'S EXPERIENCE
5. CLIENT REFERENCES
6. FEE SCHEDULE AND ESTIMATES

# BACKGROUND

California Reforestation has been active vegetation managers throughout the state of California for over 30 years. We are a licensed California State Contractor (C-61/D-49 Specialty Tree Service). Our staff includes three Registered Professional Foresters and four ISA Certified Arborists. We recognize that herbicide use is not currently within the scope of this project, but we are also well equipped to provide herbicide services if required. California Reforestation is a licensed Pest Control Business. We have two Pest Control Advisers on staff, and six Qualified Applicators.

We have a long history of providing vegetation management services and fuel reduction for public agencies, utilities, water purveyors, and private landowners such as

- Pacific Gas and Electric (PG&E)
- Sacramento Municipal Utilities District
- The U.S. Army Corps of Engineers (USACE)
- Various Fire Safe Councils and Private Landowners including the largest private landowner in California, Sierra Pacific Industries
- Various reclamation districts and water purveyors such as Madera County Flood Control and Water Conservation Agency and San Joaquin County Reclamation districts 2085 and 2095

We have treated ditch banks, canal drainages, levees, dam faces, maintenance operator stations, management areas, solar farms, switch yards, substations, fuel breaks, and commercial conifer plantations for these clients. We are very familiar with hazardous fuels reduction treatments associated with vegetation and vegetation growth across a wide variety of California landscapes and with a wide variety of wildland property owners.

We are well equipped to provide the labor, supervision, transportation, operating supplies and equipment, and various incidentals to perform all the vegetation management/maintenance work described under this solicitation. Our crews are trained and professionally supervised. Equipment includes chainsaws, chippers, and other assorted equipment required to support a large vegetation management and maintenance project. References are listed below.

California Reforestation has had no contracts or subcontracts that have been terminated, in default or had claims made against it that resulted in litigation or arbitration in the last 5 years.



# EXPERIENCE

Contracts California Reforestation has had completed or worked on in the past five years include the following:

## Pacific Gas and Electric (PG&E)

California Reforestation has provided integrated vegetation management (IVM) services for PG&E for an extensive list of projects across Northern California. This includes fuel reduction around vital infrastructure including canals, dams, substations, facilities, and electric right of ways.

California Reforestation has also maintained plots of land owned by PG&E in urban areas and ensured that they were compliant with local fire ordinances in various locations and municipalities. This work involves inspections, working with local stakeholders, communicating with adjacent land owners, as well as performing the work in the field. That work often includes

- Weed eating and mowing annual grasses, weeds, and forbs to reduce height near structures and roads
- Removing “ladder fuels” including pruning live and dead low hanging branches
- Removing dead and down materials
- Falling and disposal of small live trees
- Chipping and distributing cut materials, or in some cases hauling and disposing of materials off site where required

California Reforestation has been working for PG&E IVM for over 30 years. We have completed all of our projects on time and to PG&E’s satisfaction.

## Sacramento Municipal Utilities District (SMUD)

California Reforestation provides vegetation management services and fuel reduction work for SMUD in Sacramento and El Dorado counties. We maintain and remove unwanted vegetation on and near their infrastructure to maintain for safety and reliability, as well as to mitigate fire risk. This includes

- Removing unwanted vegetation by chainsaw and chipping or hauling debris
- Herbicide applications in utility right of ways
- Working with land owners to ensure that client objectives are met

California Reforestation has been working for SMUD under this contract since January of 2022. We have completed the work assigned under this project on time and to SMUD’s satisfaction.

## The U.S. Army Corps. of Engineers (USACE)

California Reforestation has performed vegetation management services for the USACE around their reservoirs, service roads, camp grounds and facilities. We have performed these services at their

facilities at Hensley Lake, Pine Flat Reservoir, Stanislaus River, New Hogan Reservoir, and Eastman Lake. This work has included a variety of vegetation management services including

- Hand pulling of invasive weeds
- Cutting and chipping of unwanted brush and small trees
- Herbicide applications

California Reforestation has been working for the USACE for over a decade and have completed the work assigned on time and to the client's satisfaction.

# STAFF EXPERIENCE

California Reforestation has a skilled team that is very experienced in both fuel reduction and vegetation management. Attached are resumes for key staff that will be involved in the project. All of the proposed key staff have worked on the projects listed above in the last seven years.

# SUB-CONTRACTOR'S EXPERIENCE

In some instances California Reforestation will rely on the assistance of trusted and qualified sub-contractors to complete the work described in the RFQ. These are well established contractors that we have worked with in the past and who can be relied on to provide safe and high quality services.

## Redwood Empire Reforestation

Depending on the scope and scale of the work, California Reforestation may use Redwood Empire Reforestation for additional labor, as well as for the use of a tracked chipper where access does not allow for the use of a traditional trailer chipper.

Redwood Empire has performed extensive vegetation management and fuel reduction services for PG&E as well as a variety of clients across the state.

Their point of contact is their president, Patrick Gallegos, phone number 707-621-0687, email [antonio@redwoodempireforest.com](mailto:antonio@redwoodempireforest.com)

## Left Coast Land Clearing

California Reforestation does not own or operate a masticator. As such, when the scope of work calls for mastication services California Reforestation will use Left Coast Land Clearing as a sub-contractor.

Left Coast Land Clearing has been performing vegetation management and mastication services for over fifteen years for a variety of clients across the state. Their point of contact is company president Sasha Farkas, phone number (209) 536-9174, email address [leftcoastlc@outlook.com](mailto:leftcoastlc@outlook.com)

# CLIENT REFERENCES

## PG&E Master Services Agreement for Vegetation Management Services

*(includes work for Helms-Gregg IVM (Integrated Vegetation Management) project, Morro Bay-Gates IVM project, Diablo-Midway IVM project, Donnells-Curtis IVM project, Tiger Creek-Valley Springs IVM project, and an extensive list of other projects.*

- Locations: Multiple locations throughout California
- Total Cost for Projects annually: Estimated \$2,000,000/year
- Name of Agency/Entity: PG&E (Pacific Gas & Electric Co.)
- Point Of Contact: Peter Beesley, Vegetation Program Manager, 530-477-3212, [PMB7@pge.com](mailto:PMB7@pge.com)

## Sacramento Municipal Utilities District (SMUD)

*Upper American River Project (UARP) Vegetation Management Services*

- Location: El Dorado County and Sacramento Counties, California
- Contract Number: CW2224309
- Total Cost for Project: \$503,000 (second year of 5 year contract)
- Name of Agency/Entity: SMUD (Sacramento Municipal Utilities District)
- Point Of Contact: Eric Brown, Vegetation Manager, 916-732-6766, [Eric.Brown@smud.org](mailto:Eric.Brown@smud.org)

## United States Army Core of Engineers (USACE)

*Hensley Lake, Pine Flat Reservoir, Stanislaus River, New Hogan Reservoir, and Eastman Lake*

- Location: Multiple locations throughout California
- Total Cost for Projects annually: Estimated at \$150,000
- Name of Agency/Entity: USACE (United States Army Core of Engineers)
- Point of Contact: Morgan Barnes

# FEE SCHEDULE AND ESTIMATES

California Reforestation can complete the work as described at the following rates. Most sites can be completed using a supervisor, three to five crew members, a full ton pick-up, chainsaws and/or weed eaters, and a chipper. A dump trailer will be used where material cannot be chipped and left on site.

Given the variation in sites, it is difficult to give exact estimates for each site location. For the Highland Tank, Nina Pump Station, Kirby Treatment Plant, and Bennet Spring Box locations work could be completed by the crews listed in two to three hours.

Item	Per hour rate
Supervisor	\$ 83.40
Crew Member	\$ 49.30
One Ton Pickup	\$ 21.15
Half Ton Pickup	\$ 12.90
Chainsaw	\$ 2.88
Weed Eater	\$ 2.88
Dump Trailer	\$ 16.87
Chipper	\$ 56.25
Skid Steer Masticator	\$ 225.00
Excavator Masticator	\$ 325.00

## **William Dorrell**

### **Vice President/Registered Professional Forester**

#### **Education**

- B.S. Degree in Forestry with an emphasis in production. Humboldt State University, June 1982
- Graduate courses in Business Administration, California State University, Stanislaus. 29 units completed.

#### **Related Experience**

**Forester and Vice President.** California Reforestation Inc., Sonora, California  
Responsible for daily operations of Forestry Consulting/Land Management business, 20-25 employees. Manage project scheduling and implementation. Work with agencies, public utilities, private and industrial forest landowners to create desirable vegetation communities on their properties. Extensive experience in post-fire recovery including hazard tree identification, salvage harvesting and reforestation. Worked with multiple landowners after the Stanislaus Complex Fire (1987), Railroad Flat Fire (1988), Old Gulch Fire (1993), Rogge Fire (1996), Darby Fire (2001), Rim Fire (2013), Butte Fire (2015) and the Valley Fire (2015) to rehabilitate their properties. Other duties include: Timber Harvest Plans, logging administration, timber appraisals and log marketing. (April 1997-Present)

**Consulting Forester.** Peak Forestry Services, Sonora, California  
General forestry consulting with an emphasis on small timberland owner management. Preparation and administration of Timber Harvest Plans, timber cruising and marking, timber appraisals and log marketing. Timber marking under Forest Service contracts. (August 1995-March 1997)

**Forester/Reforestation.** Fibreboard Corporation, Standard, California  
Responsible for timber appraisal and acquisition on both private and Forest Service lands. 35,000 to 40,000MBF (thousand board feet) per year. Contract supervision and logging administration on Forest Service timber sales. Preparation of annual logging plan and budget of approximately \$10MM. Coordination and administration of reforestation projects on company lands including clearing, burning, planting and spraying programs. 800 to 1000 acres per year. Contract negotiations and administration for each program. (June 1983-July 1995)

**Field Assistant.** Oregon State University, Corvallis, Oregon  
Helped to complete the inventory of school forest properties. Responsible for running line of sight transects and establishing permanent plot centers, plot measurements using the variable plot method, defect and damage estimation, crown class determination, timber typing and sight descriptions. (January 1983- May 1983)

#### **Related Qualifications**

- Registered Professional Forester #2311, July 1986
- Pest Control Advisor #04151, November 1997
- Past Member of Board of Directors of California Licensed Foresters Association, 1989-1991

**Matthew A. Westcamp** (209) 586-2115 [calreforest@att.net](mailto:calreforest@att.net)  
22230-A S. Colorado River Dr. Sonora, CA 95370

**Education:** California Polytechnic State University, San Luis Obispo, CA  
Bachelor of Science Degree, June 2003  
Major: Forestry and Natural Resource Management  
Concentration: Fire and Fuels Management

**Experience:** California Reforestation Inc. (6/2003 – Present)

**Field Supervisor/ Forester Assistant**

- Invasive weed control
- Habitat restoration
- Vegetation management project implementation
- Fuel load reduction operations
- Pesticide applications
- Plantation establishment and management
- Pruning and thinning

Los Padres National Forest (6/02 – 9/02)

**Emergency Firefighter Response Crew**

- Maintained readiness to perform arduous tasks for extended periods of time
- Utilized felling, bucking, and brushing to manage vegetation in high risk zones
- Applied fire behaviour and suppression skills
- Utilized fuel modeling
- Operated/Maintained chainsaws

The Rock Yard, Yuba City, CA (1/93 – 6/02)

**Yard Manager**

- Managed employees
- Customer Service
- Operated/Maintained Bobcat, Forklift, and Concrete Plant
- Small engine and hydraulic line repair

Natural Resources Management Department, Cal State, San Luis Obispo (2/01 – 3/01)

**GIS Project**

- Digitizing to map making

Natural Resources Management Department, Cal State, San Luis Obispo (9/01 – 12/01)

**Forest Sampling and Inventory Report**

- Implemented forest measuring and sampling techniques and analyzed results



# Justin Walker Resume

(707) 407-8858 • walker49@gmail.com

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## EDUCATIONAL BACKGROUND:

- B.A Degree in Recreation Administration; Minor- Business Administration; Graduated May 2013. Humboldt State University, Arcata, CA.

## PROFESSIONAL BACKGROUND:

### **Forestry Technician:** California Reforestation- *Sonora, CA. March 2016- Present*

- Provide Professional Service for operations and safety oversight for tree crews along IVM corridors and PG&E NRM projects.
- Project Setup, GIS support for Hazard Tree, IVM, Transmission Reliability and Local Municipality projects including tree assessment marking and boundary flagging, land owner communication.
- Provide technical and logistical support for vegetation management contract crew leader
- Quality control in Vegetation Management for PG&E gas and transmission
- Administer CFIP projects including Management Plan and CEQA documentation writing
- Worked Extensively with GIS software for project set-up including SFPUC, SMUD, PG&E, CAL FIRE and Private projects.
  - Generate Maps, Shapefiles, Geodatabases, Field Collection, Data Management, Analysis, Data Conversion, Editing, Georeferencing for work crews and technicians as well as field data collection.
  - Designed, collaborated and implemented IVM annual field data collection program for SMUD.
- Worked closely with agencies, public utilities, and industrial and non-industrial private landowners in various vegetation management projects.
- Provide professional service to landowners including preparation of management plans archaeological survey reports and marking, and project administration.

### **Landscape Supervisor:** J&G Lawn & Garden- *Fernbridge, CA. March 2015- March 2016*

- Insured efficient, quality landscape service for all customers
- Delegated tasks for individual crew members, and insured quality control of current employee's work
- Instruct on the job training for new employees
- Guaranteed customer satisfaction, resolved any customer issues whenever possible.
- Kept daily detailed time log of all work, pertinent customer information and equipment use
- Maintained/ installed
  - Lawn, hedges, trees, garden beds, planter boxes, latus and other small construction
- Operated 4-wheel drive tractor to; mow, till and grade.

## CERTIFICATES:

- Archaeological Surveyor Training- Valid: *March 19, 2018- March 20, 2023*
- ISA Arborist – WE-12652A- Valid: *December 31 2022*
  - TRAQ (Tree Risk Assessment Qualification)- Valid: *December 3, 2025*
- CTSP (Certified Treecare Safety Professional)- 03701 Valid: *December 12, 2022*

## REFERENCES:

- Available upon request

# Seth MASSENGALE

## CONTACT INFORMATION

21530 Winter Rock Rd  
Sonora, CA 95370

PHONE:  
209-573-0760

EMAIL:  
sethmassengale@gmail.com

## HOBBIES

Fishing  
Hunting  
Backpacking

## EDUCATION

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**Columbia College**  
Graduated June 2011  
Associates in Forestry

## WORK EXPERIENCE

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**California Reforestation**  
**April 18, 2011 - Present**

### ∞Field Supervisor∞

Supervise crews on vegetation management projects  
Forestry Habitat Restoration  
Noxious ID & Weed Control  
Plantation establishment and management  
Fuel break construction  
Qualified Applicators License  
Worked with PGE, SMUD, Cal-Trans and other government and private agencies on a variety of projects.

### ∞Forestry Technician∞

Flagging project boundaries  
Marking trees  
Identifying tree species  
Collecting data for projects (handheld device)  
Creating maps for projects  
Identifying and marking riparian areas  
Identifying and making endangered species habitat  
Working with landowners

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# CLINT HELLER

23493 Thunderbolt Mine Rd, Twain Harte, CA 95383 · (714) 335-5907

Email · [clint.heller@yahoo.com](mailto:clint.heller@yahoo.com)

## EXPERIENCE

**2017 – PRESENT**

**FORESTRY TECHNICAN, CALIFORNIA REFORESTATION INC.**

Knowledge of PGE standards, safety and quality control. Supervised crews and subcontractors, removing vegetation and hazard trees on PGE transmission lines. Liaison between private landowners, PGE & subcontractors. Knowledge of silviculture, dendrology, and public land surveying. Proficient ArchGIS.

**2013 – 2015**

**STANISLAUS HOT SHOTS, FIREFIGHTER COLUMBIA COLLEGE FIRE DEPT.**

Wildfire- fire line construction, back fires, & mop-ups. Emergency dispatch: medical aids, vehicle accidents, public assistance as well as structure & vegetation fires.

**2006 – 2010**

**US NAVY, NAVAL HOSPITAL LEMOORE.**

Leading Petty Officer, Senior Line Corpsman, Hospital Apprentice – Maintain patient records. Safety training. Emergency care combat settings. Proficient in safety equipment use.

## EDUCATION

**COLUMBIA COLLEGE, ASSOCIATE SCIENCE DEGREE, FORESTRY & NATURAL RESOURECES;  
COLUMBIA COLLEGE FIRE ACADEMY, CERTIFICATE EMERGECENY MEDICAL RESPONDER.**

**US NAVY, COMBAT TRAUMA MANAGEMENT, FIELDMEDICAL SERVICE SCHOOL, BASIC  
HOSPITAL CORPS SCHOOL**

## SKILLS

- Organizing projects
- Communication with general public
- Implementing safety regulations
- Field first aid

# JONATHAN SMART

2512 Madina Ct, LaGrange, CA 95329 · 916-248-3726  
[Smarties9119@gmail.com](mailto:Smarties9119@gmail.com)

## EXPERIENCE

**JUNE 2014 – PRESENT**

**OWNER - CREW SUPERVISOR**, CALIFORNIA REFORESTATION INC.- 22230 A SOUTH COLORADO RIVER DR, SONORA, CA 95370 (209) 586-2115.

Crew supervisor, responsible for the safety of the crew members, chainsaw, herbicide, chippers, and brush removal. Identification and treatment of noxious weeds. Report projects electronically. Customer contacts. Resolving customer complaints.

**MAY 2011 – JUNE 2014**

**FOREMAN – TREE CLIMBER**, LOGGERS UNLIMITED – 10048 DANIELS WAY GRASSVALLEY, 95949 – (530) 573-8211

Started working as a laborer worked my way up to tree climber and then was promoted to crew foreman and training.

## EDUCATION

**MAY 2010** - GRADULATED FROM HIGH SCHOOL

**HAVE BEEN WORKING IN THE FIELD WITH BRUSH REMOVAL AND TREE FALLING FOR THE LAST TEN YEARS.**

## CERTIFICATIONS

- Quality Applicator License
- Adult CPR and First Aid
- September 2016 - Current
- August 2011 - Current

## ACTIVITIES

I enjoy working with my hands. Making things out of wood and metal. I also like working on vehicles.

**James Blunt** (209) 586-2115 [calreforest@att.net](mailto:calreforest@att.net)

22230-A S. Colorado River Dr.

Sonora, CA 95370

**Education: On The Job**

**Experience:** California Reforestation Inc. (2012 – Present)

**Field Supervisor**

- Supervise crews on vegetation management projects
- Habitat Restoration
- Noxious weed control
- Herbicide applications
- Plantation establishment and management
- Fuel break construction

New Horizons Land Clearing Company, Sonora, CA (2007-2012)

**Owner/Equipment Operator**

- Vegetation clearing with Gyro-track masticator
- Habitat restoration projects
- Fuel break construction
- Fire hazard abatement

Sierra-Pacific Industries, Sonora, CA (2000-2007)

**Director of Safety and Personnel**

- Administered safety & personnel program for two sawmills

Sierra-Pacific Industries, Burney, CA (1981-2000)

**Plant Superintendent/Safety Director**

- Production manager for Burney sawmill
- Safety director fo Burney sawmill

Aracata Lumber Company, Smith River, CA (1975-1981)

**Mill Foreman (ending position; began as ordinary labor)**

- Various production jobs in a sawmill

## MEMO

From: District Engineer  
To: Engineering Committee  
Date: March 30, 2023  
Subject: Summary of Projects

Current status of District projects is summarized below.

### *Projects in design or construction:*

#### 1. 2021 CIP Pipeline Replacements

- a. Contractor (JMB Construction) has provided submittals, Staff have reviewed same; JMB has ordered materials and will develop a project schedule when delivery timeframes become available, anticipated to be Summer 2023.
- b. Project includes all Capital Improvement Plan pipeline replacements for FY 21/22:
  - i. Orman Road
  - ii. Juanita Woods area
  - iii. Zayante Drive
  - iv. Oak Avenue/Hermosa Avenue area
- c. Project also includes replacement of existing tank for Blue Ridge pressure zone

#### 2. 2021 FEMA Pipeline Replacements

- a. Staff are preparing an RFP for construction of Harmon St improvements, anticipated publication was mid to late February 2023, this has been delayed due to multiple storm disasters;

- b. Eckley zone/Ridge Dr. is being revised to coordinate with Bracken Brae/Forest Springs consolidation pipeline and booster station development.
3. 5-Mile and Peavine Pipelines
- a. Tree work on Peavine has been awarded to Powers Forestry, LLC.
4. Alta Via/Monan/Prospect Pipeline
- a. Sandis (CM firm) is working with APEC on submittal review and other preliminary tasks.
  - b. Project kickoff meeting was held on 12/1. Schedule will be finalized once materials availability and associated impact to the project schedule have been identified. APEC has received initial materials shipments.
  - c. Partial project ductile iron pipe materials were received in January and are staged at the contractor's rented yard in Ben Lomond. Remaining materials are still delayed, no delivery date has been provided.
5. Brookdale Tank Recoating
- a. Staff are finalizing an RFP for rehabilitation of the Brookdale tank. Publication of this RFP has been delayed until FY 22/23 due to budget shortfall. Staff anticipate advertisement of this RFP in April 2023, vice the previous estimated publication of January 2023, with work to follow in Summer of 2023. Additional delay is due to prioritization of repair of damages

suffered during the storms in January 2023, February 2023, and March 2023.

- b. Rehab will include recoating interior, painting exterior, updating vent system from perimeter vents to a single center vent, repair of level indicator, and re-caulking of tank base.
6. CA-9 Bridges Water Main Relocation Design
    - a. MME has prepared construction drawings for the District. Staff are coordinating with Caltrans.
  7. Consolidation of Bracken Brae and Forest Springs
    - a. Sandis has provided preliminary drawings for the pipeline alignment and pump station
    - b. Staff are coordinating work with both mutuals
    - c. Staff have obtained easements for pump station location and have obtained agreement from downslope neighbor to grant an easement at the tank site.
    - d. Staff are working with Santa Cruz County and Boulder Creek Fire to determine necessary temporary fire protection work.
    - e. DWR funding agreement has been finalized and Staff are now able to submit for reimbursement.
  8. Fall Creek Fish Ladder
    - a. Project has been awarded to Syblon Reid, Staff are coordinating contract documents.
  9. Felton Acres Pressure Tank (in planning phase)



- a. Staff are evaluating options for replacement or elimination of the failing Felton Acres pressure tanks.
  - b. Staff are planning an investigation into the ability of either Pine or McCloud tanks to provide service to the area currently served by the failing tanks. Investigation will take place in summer to maximize demand during testing.
10. Felton Heights Tank
- a. Staff are continuing to work with local road association and adjacent property owners to obtain agreement to replace existing tank.
11. Foreman Grading/Erosion Control
- a. Project was awarded to McGuire and Hester.
  - b. Staff are coordinating contract documents and schedule with Contractor.
  - c. Staff are exploring possible addition of electrical conduit construction (to serve future pressure break structure at Foreman intake) to this work.
  - d. Contractor and Designer toured the site to evaluate required changes to previous plan due to storm damage, recommendations are forthcoming.
12. Glen Arbor Bridge Crossing
- a. Project is completed, currently in Post-Construction (punchlist) phase.

- b. Materials required to complete punchlist are delayed, expected delivery now in May 2023.
13. Huckleberry Island Main Rerouting
- a. Preliminary plans and calculations have been reviewed by Staff.
  - b. MME has prepared required easements; Staff are working with property owners to finalize same.
  - c. Staff are working with Legal to determine and acquire easements for the bridge crossing.
  - d. Emergency 12-in temporary pipeline was completed in January 2023 after embankment washout and further pipe failure on 12/31/2022.
14. Lyon Slide/Complex Access Road
- a. District staff have provided final comments to Sandis for incorporation into final design.
  - b. District Staff are coordinating with CalOES and FEMA regarding approval of the road as an “Alternate Project” in place of the previously proposed retaining wall systems.
  - c. January 2023 storms resulted in the slide reactivating and dropping the road approximately 6-feet. Storms in March 2023 exacerbated the slide problem. Staff are tracking water discharge from the hillside and will contract to have a temporary road constructed when it becomes safe to do so.
15. Lyon Pipeline Replacement

- a. Project has been awarded to Monterey Peninsula Engineering; Staff are coordinating contract documents.
16. Redwood Park (Swim) Tank
- a. Project has been awarded to Casey Construction; Staff are coordinating contract documents.
  - b. Design and construction of replacement tank will follow design of pipeline. The intent is to complete construction of the pipeline before starting construction of the tank in order to allow use of the tank site for staging during pipeline construction. The area is extremely tight and no other staging area would be available.
17. System Emergency Repairs
- a. Anderson Pacific Engineering completed installation of temporary mains at Huckleberry Island and at Stewart Street.
  - b. Preston Pipeline completed re-routing of mains to allow for Caltrans retaining wall construction at Park Drive & CA-9.

**DATE:** 3/29/23  
**TO:** Engineering & Environmental Committee, SLVWD  
**FROM:** Environmental Programs Manager/Administrative Analyst  
**SUBJECT:** Environmental Project Summary

**WRITTEN BY:** Carly Blanchard  
**PRESENTED BY:** Carly Blanchard

### **STAFF RECOMMENDATION**

It is recommended that the Engineering & Environmental Committee review this project summary.

### **RECOMMENDED MOTION**

None

### **BACKGROUND**

Staff have prepared the project summary to provide highlights of particular interest to the Committee.

Staff will be prepared to discuss any of the projects, to whatever depth the Committee desires.

#### Current Projects

1. CIP Project Permitting
  - a. Lyon Treatment Plant Access Road Slide (FEMA funded - 2023)
    - i. Staff walked the reactivated slide in March 2023
  - b. 5-mile and Peavine pipeline

- i. Tree surveys awarded by Board of Directors in March 2023
- c. Huckleberry Island pipeline replacement
  - i. CEQA NOE to be refiled with updated easement information.
  - ii. Staff working to secure easements
- d. Bracken Brae & Forest Springs Consolidation
  - i. Consultant developing IS-MND
    - 1. Draft chapters in review
  - ii. Biological surveys to begin Spring 2023
- e. Fuel Reduction Annual Maintenance Contract
  - i. Staff prepared a Request for Proposals (RFP) for on-going maintenance of fuel reduction around critical infrastructure. Released and closed February 2023.
  - ii. Seven Statements of Qualifications (SOQs) were received
- f. Felton Heights Tank
  - i. Awaiting site selection
  - ii. Staff met with neighbors in March 2023
- g. Bear Creek Estates
  - i. Median Household Income (MHI) in process
  - ii. County of Santa Cruz submitted SRF application for CSA-7
- h. Alta Via
  - i. Notice of Exemption (NOE) filed
  - ii. Need to complete cultural resources review
- i. Zayante drive pipeline
  - i. NOE filed

- j. Fall Creek Fish Ladder
  - i. Regulatory agencies alerted of planned 2023 construction
  - ii. Quarterly submitted to California Department of Fish & Wildlife (CDFW) grant manager
  - iii. Staff preparing for biological surveys prior to start of construction.
- 2. System Tours
  - a. City of Santa Cruz rescheduled to late Spring 2023
- 3. Sanitary Survey
  - a. Submitted and accepted to the State Water Resource Control Board
- 4. Grants
  - a. Bureau of Reclamation Water and Energy Efficiency Projects - WaterSMART (large-scale) grant
    - i. Staff preparing for release of grant program.
    - ii. District will pursue AMI meter replacement (~1 million)
- 5. Conjunctive Use Planning
  - a. Regulatory agency permitting (including diversion permitting) in progress.
  - b. Hydrologist kicked-off modeling in March 2023
  - c. Staff working on operational planning.
  - d. Request for information sent to staff & project biologist to develop updated project description.
- 6. All other projects, outreach, and further project descriptions will be available in the March Environmental Status Report as part of the BoD agenda