

SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA



ITEM
3.14
(ID # 9853)

MEETING DATE:

Tuesday, June 4, 2019

FROM : FIRE DEPARTMENT:

SUBJECT: FIRE DEPARTMENT: Acceptance of FY 2019 California Department of Forestry and Fire Protection Fire Prevention Grant No. 5GA18224 for the Spring Crest Defensible Fuel Profile Zone Fuel Break Project; [District 3] [\$1,706,628 total grant] 90% State Grant Funds, 10% General Funds

RECOMMENDED MOTION: That the Board of Supervisors:

1. Accept the FY 2018 California Department of Forestry and Fire Protection Fire Prevention Grant No. 5GA18224 in the amount of \$1,541,570 for the Spring Crest Defensible Fuel Profile Zone Fuel Break Project from the California Department of Forestry and Fire Protection awarded to the Riverside County Fire Department with an in-kind match of \$165,058; and,
2. Chairman sign in blue ink four (4) sets of the grant agreement signature page; and,
3. Authorize the Fire Chief or his designee to sign and administer all actions necessary and to sign any related grant documents.

ACTION:Policy

Todd Williams
Todd Williams, Deputy Chief

5/23/2019

Shawn Newman
Shawn Newman, Chief Cal Fire Riverside County

5/30/2019

MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Jeffries, seconded by Supervisor Spiegel and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Spiegel, Washington, Perez and Hewitt
Nays: None
Absent: None
Date: June 4, 2019
xc: Fire

Kecia Harper
Clerk of the Board
By *[Signature]*
Deputy

**SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE,
STATE OF CALIFORNIA**

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost
COST	\$ 0	\$ 853,314	\$ 1,706,628	\$ 0
NET COUNTY COST	\$ 0	\$ 82,529	\$ 165,058	\$ 0
SOURCE OF FUNDS: 90% State Grant Funds, 10% General Funds			Budget Adjustment: No	
			For Fiscal Year: 19/20, 20/21	

C.E.O. RECOMMENDATION: Approve

BACKGROUND:

Summary

California Senate Bill No. 840 (Chapter 29) is an act making appropriations for the support of the government of the State of California and for several public purposes in accordance with the provisions of Section 12 of Article IV of the Constitution of the State of California, relating to the state budget, to take effect immediately, budget bill. Of the funds appropriated in this item, \$10,000,000 was allocated to the Department of Forestry and Fire Protection for grants to build local capacity to complete community-based fire prevention projects.

The department was awarded funding in the amount of \$1,541,570 for the Spring Crest Defensible Fuel Profile Zone (DFPZ). This project will protect the community of Spring Crest, near Pinyon. The proposed project involves construction of fuel breaks totaling 11 miles in length and 300-foot wide and approximately 400 acres along the roads surrounding the community and within the community. This will provide for resident and firefighter safety, ease of ingress and egress during a fire, and will increase the defensibility of the homes in the area. The 4,764-acre project area is 100% State Responsibility Area and there are 27 structures immediately within the project area and many more within surrounding communities. The primary goals and objectives is eliminating wildfire starts, catching wildfires before they blow into wildland or urban areas, and facilitating firefighting efforts and public safety.

To accomplish the project goals to create a DFPZ, the department will procure a Registered Professional Forester (RPF) who is knowledgeable in fuel reduction techniques and systems. The RPF will design the fuels treatment prescription and oversee all fuel hazard reduction and vegetation removal as defined in Public Resource Code (PRC) sections 753 and 754 and will ensure environmental compliance is met. The RPF will mark/flag the project sites and conduct site visits during active project operations to ensure vegetation removal is being conducted according to the prescription. The department will concurrently procure a Licensed Timber Operator (LTO) to execute the vegetation treatment plan prescribed by the RPF. The LTO, licensed under the Forest Practice Act, is the authorized agent that will conduct forest tree cutting and fuel removal and treatment operations and will comply with all laws and regulations relating to such tree cutting or vegetation removal. Grant administration will be provided by the department as in-kind match service through staff salary and benefits previously budgeted.

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Impact on Citizens and Businesses

These funds are dedicated to protecting the health and safety of the public and firefighting personnel against fire and fire related hazards in the unincorporated area of Riverside County.

SUPPLEMENTAL:

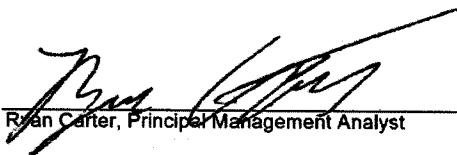
Additional Fiscal Information

The department was authorized to apply for this grant on December 11, 2018 (3-22). The project period of performance is from the date of final approval from the grantor through March 15, 2021. The Fire Prevention Grant Program does not require cost share match however the department will provide in-kind match through grant administration services totaling \$165,058 through currently approved budgeted departmental functions.

Contract History and Price Reasonableness

This allocation supplements other Department of Forestry and Fire Protection grant funding for Fire Prevention and Forest Health and replaced the State Responsibility Area Fire Prevention Fund (SRAFPF) and Tree Mortality (TM) Grant Program previously funded. On August 3, 2018, the department was awarded two Fire Prevention Grants for the Elsinore Front Country Fuel Break project (for \$2,062,547), the Riverside County - Dead, Dying, Diseased Tree Removal project (for \$1,140,383), and a Forest Health Program Grant for the Riverside County Forest Health Program (for \$928,740) awarded on April 24, 2019. Board of Supervisors actions on November 6, 2018 (3-20 and 3-21, respectively) and May 7, 2019 (3-18) authorized the acceptance of each grant. These grant projects are currently being administered and all terms of the agreements are expected to be fulfilled by the department.

On April 2, 2015, the department was awarded \$296,000 in SRAFPF funding to reduce hazardous fuels in the Idyllwild/Pine Coves areas. The Board of Supervisors action on May 12, 2015 (3-57) authorized the acceptance of the grant and the terms of the grant were satisfied.


Ryan Carter, Principal Management Analyst

5/29/2019


Gregory V. Priaplos, Director County Counsel

5/23/2019

**State of California
Dept. of Forestry and Fire Protection (CAL FIRE)
State Fire Marshal's Office
GRANT AGREEMENT**

WHEN DOCUMENT IS FULLY EXECUTED RETURN
CLERK'S COPY
to Riverside County Clerk of the Board, Stop 1010
Post Office Box 1147, Riverside, Ca 92502-1147
Thank you.

APPLICANT: County of Riverside
PROJECT TITLE: Spring Crest Defensible Fuel Profile Zone (DFPZ) Fuel Break
GRANT AGREEMENT: 5GA18224

PROJECT PERFORMANCE PERIOD IS from Upon Approval through March 15, 2021.
Under the terms and conditions of this Grant Agreement, the applicant agrees to complete the project as described in the project description, and the State of California, acting through the Dept. of Forestry & Fire Protection, agrees to fund the project up the total state grant amount indicated.

PROJECT DESCRIPTION: This project involves construction of fuel breaks totaling 11 miles in length and approximately 400 acres of 300-foot wide along the roads surrounding and within the community of Spring Crest. This will provide for resident and firefighter safety, ease of ingress and egress during a fire, and increasing the defensibility of the homes in the area.

Total State Grant not to exceed \$ 1,541,570.00 (or project costs, whichever is less)

The Special and General Provisions attached are made a part of and incorporated into this Grant Agreement.

County of Riverside

**STATE OF CALIFORNIA
DEPARTMENT OF FORESTRY
AND FIRE PROTECTION**

Applicant

By 
Signature of Authorized Representative

By _____

Title **Kevin Jeffries, Chairman of the Board**

Title: **Mike Richwine, State Fire Marshal, Acting**

Date **JUN 04 2019**

Date _____


CERTIFICATION OF FUNDING

AMOUNT OF ESTIMATE FUNDING \$1,541,570.00	GRANT AGREEMENT NUMBER 5GA18224	PO ID		
ADJ. INCREASING ENCUMBRANCE \$ 0.00	SUPPLIER ID			
ADJ. DECREASING ENCUMBRANCE \$	PROJECT ID		ACTIVITY ID	
UNENCUMBERED BALANCE \$1,541,570.00	GL UNIT 3540	BUD REF 101	FUND 0001	ENY 2018
REPORTING STRUCTURE 35409205	SERVICE LOC 92011	ACCOUNT 5340580	ALT ACC 5340580000	

I hereby certify upon my personal knowledge that budgeted funds are available for this encumbrance.

SIGNATURE OF CAL FIRE ACCOUNTING OFFICER

DATE

ATTEST:
KECIA R. HARPER, Clerk
DEPUTY
BY 
CYNTHIA M. GUNZEL
DATE JUN 04 2019
FORM APPROVED COUNTY COUNSEL
BY: Cynthia M. Gunzel 5-23-19

314
JUN 04 2019

TERMS AND CONDITIONS OF GRANT AGREEMENT

I. RECITALS

1. This Agreement, is entered into between the State of California, by and through the California Department of Forestry and Fire Protection (CAL FIRE), hereinafter referred to as "STATE" and County of Riverside, hereinafter referred to as "GRANTEE".
2. The STATE hereby grants to GRANTEE a sum (hereinafter referred to as "GRANT FUNDS") not to exceed One Million Five Hundred Forty One Thousand Five Hundred Seventy Dollars (**\$1,541,570.00**).
3. In addition to the terms and conditions of this Agreement, the STATE and GRANTEE agree that the terms and conditions contained in the documents set forth below are hereby incorporated and made part of this agreement.
 - a. Department of Forestry and Fire Protection (CAL FIRE) California Climate Investments (CCI) Fire Prevention Grant Program Procedural Guide 2018-2019
 - c. The submitted Application, Scope of Work, Budget Detail, GHG Emissions Reduction Methodology and Exhibits
 - d. Addendum – Community Wildfire Prevention Grant

II. SPECIAL PROVISIONS

1. Recipients of GRANT FUNDS pursuant to Chapter 29, Statutes of 2018 Provision 1 of Item 3540-101-0001 shall abide by the provisions in this Agreement. This includes the requirement that work shall not commence prior to the execution of this Agreement by both parties. Any work started prior to the execution of this Agreement will not be eligible for funding under the terms of this Agreement.
2. As precedent to the State's obligation to provide funding, GRANTEE shall provide to the STATE for review and approval a detailed budget, specifications, and project description. Approval by the STATE of such plans and specifications, or any other approvals provided for in this Agreement, shall be for scope and quality of work, and shall not relieve GRANTEE of the obligation to carry out any other obligations required by this Agreement, in accordance with applicable law or any other standards ordinarily applied to such work or activity.
3. All informational products (e.g., data, studies, findings, management plans, manuals, photos, etc.) relating to California's natural environment produced with the use of GRANT FUNDS shall be available for public use.

III. GENERAL PROVISIONS

1. Definitions

- a. The term "Agreement" means grant agreement number 5GA18224.
- b. The term "GRANT FUNDS" means the money provided by the STATE to the GRANTEE in this Agreement.
- c. The term "GRANTEE" means an applicant who has a signed Agreement for the award for GRANT FUNDS.
- d. The term "Other Sources of Funds" means all matching fund sources that are required or used to complete the Project beyond the GRANT FUNDS provided by this Agreement.
- e. The term "STATE" means the State of California, Department of Forestry and Fire Protection (CAL FIRE).
- f. The term "Project" means the development or other activity described in the "Project Scope of Work".
- g. The term "Project Budget Detail" as used herein defines the approved budget plan.
- h. The term "Project Scope of Work" as used herein means the individual scope of work describing in detail the approved tasks.

2. Project Representatives

The project representatives during the term of the agreement will be:

STATE: CAL FIRE	GRANTEE: County of Riverside
Section/Unit: RRU	Section/Unit:
Attention: Gregg Bratcher	Attention: Jeremy Murphy
Mailing Address: 210 W. San Jacinto Ave. Perris, CA 92570	Mailing Address: 210 W. San Jacinto Ave. Perris, CA 92570
Phone Number: (951)-659-3335	Phone Number: (951) 966-9184
Email Address: Gregg.Bratcher@fire.ca.gov	Email Address: jeremy.murphy@fire.ca.gov

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Spring Crest Defensible Fuel Profile Zone (DFPZ) Fuel Break

Changes to the project representatives during the term of the agreement shall be made in writing. Notice shall be sent to the above representative for all notice provisions of this Agreement.

3. Project Execution

- a. Subject to the availability of grant monies, the STATE hereby grants to the GRANTEE a sum of money (GRANT FUNDS) not to exceed the amount stated on Section I. RECITALS, Paragraph 2 in consideration of and on condition that the sum be expended in carrying out the purposes as set forth in the description of the Project in this Agreement and its attachments and under the terms and conditions set forth in this Agreement.
- b. GRANTEE shall assume any obligation to furnish any additional funds that may be necessary to complete the Project. Any amendment to the Project as set forth in the Application on file with the STATE must be submitted to the STATE for approval in writing. No amendment is allowed until written approval is given by the STATE.
- c. GRANTEE shall complete the Project in accordance with the time of Project performance set forth in this Agreement, unless an amendment has been approved and signed by the STATE under the terms and conditions of this Agreement. Amendments must be requested in advance and will be considered in the event of circumstances beyond the control of the GRANTEE, but in no event less than 90 days from the Agreement expiration date and in no event less than 60 days before the effective date of the amendment. Approval of amendment is at the STATE's discretion.
- d. GRANTEE certifies that the Project Scope of Work complies with all local, State, and federal laws and regulations.
- e. GRANTEE shall comply with the California Environmental Quality Act (CEQA) (Public Resources Code, Section 21000, et. seq. Title 14, California Code of Regulations, Section 15000 et. seq.) and all other local, State, and federal environmental laws. A copy of the certified CEQA document must be provided to STATE before any GRANT FUNDS are made available for any Project activity that could directly impact the environment (e.g. cutting, piling or burning bush, masticating, dozer work, etc.). CEQA compliance shall be completed within one (1) year from start date of the Agreement. The start date is considered the date the last party signs the Agreement. GRANT FUNDS will be made available in advance of CEQA compliance for project activities that do not have the potential to cause a direct environmental impact (e.g. project planning, locating and

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marking property or project boundaries, contacting and signing up landowners, etc.).

- f. GRANTEE shall permit periodic site visits by representative(s) of the STATE to ensure program compliance and that work is in accordance with the approved Project Scope of Work, including a final inspection upon Project completion.
- g. GRANTEE, and the agents and employees of GRANTEE, in the performance of this Agreement, shall act in an independent capacity and not as officers, employees, or agents, of the STATE.

4. Project Costs and Payment Documentation

- a. Payment by the STATE shall be made after receipt of an acceptable invoice and approval by a duly authorized representative of the STATE. GRANTEE shall submit an invoice for payment to the CAL FIRE Project Representative of the STATE. A final invoice shall be submitted no later than 30 days after completion, expiration, or termination of this Agreement.
- b. For services satisfactorily rendered, and upon receipt and approval of invoices for payment, the STATE agrees to compensate GRANTEE for actual expenditures incurred in accordance with the rates specified herein, which is attached hereto, as Final Project Budget, and made a part of this Agreement.
- c. Equipment purchased using GRANT FUNDS, wholly or in part, must be used by the GRANTEE for the project which it was acquired. STATE retains a vested interest in the equipment for the useful life of the equipment, even after completion of the grant. GRANTEE shall provide written disposition of the equipment upon completion of the grant and upon any changes to the disposition of the equipment. Such disposition must be approved in advance by STATE. Equipment purchased using GRANT FUNDS cannot be used as collateral, financed, or sold without prior written approval from the STATE.
- d. GRANTEE shall submit, in arrears, not more frequently than once a month, and no less than quarterly, an invoice to the STATE for costs paid by GRANTEE pursuant to this Agreement. Each invoice shall contain the following information: the Agreement number, the dates or time period during which the invoiced costs were incurred, expenditures for the current invoice and cumulative expenditures to date by major budget category (e.g., salaries, benefits, supplies, etc.), appropriate supporting

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documentation, project progress reports, and the signature of an authorized representative of GRANTEE as detailed in the Invoice Guidelines of the Procedural Guide for the CAL FIRE California Climate Investments Fire Prevention Grant Program.

- e. GRANT FUNDS in this Agreement have a limited period in which they must be expended. All GRANTEE expenditures must occur prior to the end of the Project performance period of this Agreement.
- f. Except as otherwise provided herein, GRANTEE shall expend GRANT FUNDS in the manner described in the Project Budget Detail approved by the STATE. The dollar amount of an item in the Project Budget Detail may be increased or decreased by up to ten percent (10%) of the budget item through reallocation of funds from another item or items, without approval by the STATE; however, GRANTEE shall notify the STATE in writing in project progress reports when any such reallocation is made, and shall identify both the item(s) being increased and those being decreased. Any increase or decrease of an item of more than ten percent (10%) of the budget item must be approved in writing by the STATE before any such increase or decrease is made. A formal approved amendment is required to increase the total amount of GRANT FUNDS.
- g. GRANTEE shall promptly submit any and all records at the time and in the form as the STATE may request.
- h. GRANTEE shall submit each invoice for payment to the CAL FIRE Representative identified in Item 2. The invoice may be submitted as hard copy or electronically.
- i. Notwithstanding any of the provisions stated within this Agreement, the STATE may at its discretion make advance payment from the grant awarded to the GRANTEE if GRANTEE is a nonprofit organization, a local agency, a special district, a private forest landowner or a Native American tribe. Advance payment made by the STATE shall be subject to the following provisions.
 - GRANTEE shall submit a written request identifying how funds will be used over a six-month period. The written request must be accompanied by an invoice that contains the same level of detail as a regular invoice.
 - GRANTEE shall file an accountability report with STATE four months from the date of receiving the funds and every four months thereafter.
 - Multiple advance payments may be made to a GRANTEE over the life of a project.

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- No single advance payment shall exceed 25% of the total grant amount and must be spent on eligible costs within six months of the advance payment request. GRANTEE may request additional time to spend advance funds but must be approved in writing by the STATE. The balance of unspent advance payment funds not liquidated within the six-month spending period will be billed for the return of advanced funds to the STATE.
- All work under a previous advance payment must be fully liquidated via an invoice and supporting documentation and completed to the STATE's satisfaction before another advance payment will be made.
- Any advance payment received by a GRANTEE and not used for project eligible costs shall be returned to CAL FIRE. The amount will be returned to the grant balance.
- Advance payments must be deposited into an interest-bearing account. Any interest earned on advance payment funds must be accounted for and used toward offsetting the project cost or returned to the STATE.

5. Budget Contingency Clause

- a. If STATE funding for any fiscal year is reduced or deleted for purposes of the Fire Prevention Grant Program, the STATE shall have the option to either cancel this Agreement with no liability occurring to the STATE, or if possible and desirable, offer an Agreement amendment to GRANTEE to reflect the reduced amount available for the Project.

6. Project Administration

- a. GRANTEE shall provide the STATE a written report showing total final Project expenditures and matching funds upon Project completion or grant expiration, whichever occurs first. GRANTEE must report to the STATE all sources of other funds for the Project. If this provision is deemed to be violated, the STATE will request an audit of GRANTEE and can delay the disbursement of funds until the matter is resolved.
- b. GRANTEE shall promptly submit written Project reports as the STATE may request throughout the term of this Agreement.
- c. GRANTEE shall submit a final accomplishment report, final invoice with associated supporting documentation, and copies of materials developed using GRANT FUNDS, including but not limited to plans, educational materials, etc. within 30 days of Project completion.

7. Financial Records

- a. GRANTEE shall retain all records described in Section 7(c) below for three (3) years after final payment by the STATE. In the case an audit occurs, all such records shall be retained for one (1) year from the date is audit is completed or the three (3) years, whichever date is later.
- b. GRANTEE shall maintain satisfactory financial accounts, documents, and records for the Project and make them available to the STATE for review during reasonable times. This includes the right to inspect and make copies of any books, records, or reports of GRANTEE pertaining to this Agreement or matters related thereto.
- c. GRANTEE shall keep such records as the STATE shall prescribe, including, but not limited to, records which fully disclose (a) the disposition of the proceeds of state funding assistance, (b) the total cost of the Project in connection with such assistance that is given or used, (c) the amount and nature of that portion of the Project cost supplied by other sources, and (d) any other such records as will facilitate an effective audit. All records shall be made available to the STATE, other State of California agency, or other entity as determined by the State of California for auditing purposes at reasonable times.
- d. GRANTEE shall use any generally accepted accounting system.

8. Research

- a. GRANTEE that receives funding, in whole or in part, in the form of a research grant shall provide for free public access to any publication of a peer-reviewed manuscript describing STATE funded knowledge, STATE funded invention, or STATE funded technology shall be subject to the following conditions:
 - i. GRANTEE is responsible for ensuring that any publishing or copyright agreements concerning peer-reviewed manuscripts fully comply with this section
 - ii. GRANTEE shall report to STATE the final disposition of the peer-reviewed manuscript, including, but not limited to, if it was published, date of publication, where it was published, and, when the 12-month time period from official date of publication expires, where the peer-reviewed manuscript will be available for open access.
- b. For a peer-reviewed manuscript that is accepted for publication pursuant to the terms and conditions of this Agreement, the GRANTEE shall ensure that an electronic version of the peer-reviewed manuscript is available to

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STATE and on an appropriate publicly accessible repository approved by the state agency, including, but not limited to, the University of California's eScholarship Repository at the California Digital Library, the California State University's ScholarWorks at the Systemwide Digital Library, or PubMed Central, to be made publicly available not later than 12 months after the official date of publication. GRANTEE shall make reasonable efforts to comply with this requirement by ensuring that the peer-reviewed manuscript is accessible on an approved publicly accessible repository, including notifying the state agency that the manuscript is available on a state-agency-approved repository. If the grantee is unable to ensure that his or her manuscript is accessible on an approved, publicly accessible repository, the grantee may comply by providing the manuscript to the state agency not later than 12 months after the official date of publication.

- c. For publications other than those described in (b), including scientific meeting abstracts, GRANTEE shall comply by providing the manuscript to the STATE not later than 12 months after the official date of publication.
- d. The grant shall not be construed to authorize use of a peer-reviewed manuscript that would constitute an infringement of copyright under the federal copyright law described in Section 101 of Title 17 of the United States Code and following.
- e. Use of GRANT FUNDS for publication costs, including fees charged by a publisher for color and page charges, or fees for digital distribution are allowable costs but must be within the GRANT FUNDS and item 4 of the agreement.
- f. GRANTEE may request a waiver to the publication requirement if GRANTEE has an existing publication requirement that meets or exceeds the requirements of the research provision. Waiver shall include information on GRANTEE's existing requirements. Approval of the waiver is at STATE's discretion.

8. Project Termination

- a. This Agreement may be terminated by the STATE or GRANTEE upon 30-days written notice to the other party.

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- b. If either party terminates the Agreement prior to the completion of the Project, GRANTEE shall take all reasonable measures to prevent further costs to the STATE under the Agreement and the STATE shall be responsible for any reasonable and non-cancelable obligations incurred by GRANTEE in the performance of this Agreement prior to the date of the notice to terminate, but only up to the undisbursed balance of funding authorized in this Agreement.
- c. Failure by GRANTEE to comply with the terms of this Agreement may be cause for suspension of all obligations of the STATE hereunder at the discretion of the STATE.
- d. Failure of GRANTEE to comply with the terms of this Agreement shall not be cause for the suspension of all obligations of the STATE hereunder if in the judgment of the STATE such failure was due to no fault of GRANTEE. At the discretion of the STATE, any amount required to settle at minimum cost any irrevocable obligations properly incurred shall be eligible for reimbursement under this Agreement.
- e. Final payment to GRANTEE may not be made until the STATE determines the Project conforms substantially to this Agreement.

9. Hold Harmless

- a. GRANTEE shall defend, indemnify and hold the STATE, its officers, employees, and agents harmless from and against any and all liability, loss, expense (including reasonable attorney's fees), or claims for injury or damages arising out of the performance of this Agreement but only in proportion to and to the extent such liability, loss, expense, attorney's fees, or claims for injury or damages are caused by or result from the negligent or intentional acts or omissions of GRANTEE, its officers, agents, or employees. The duty of GRANTEE to indemnify and hold harmless includes the duty to defend as set forth in Civil Code Section 2778. This Agreement supersedes GRANTEE's right as a public entity to indemnity (see Government Code Section 895.2) and contribution (see Government Code Section 895.6) as set forth in Government Code Section 895.4.
- b. GRANTEE waives any and all rights to any type of express or implied indemnity or right of contribution from the STATE, its officers, agents, or employees for any liability resulting from, growing out of, or in any way connected with or incident to this Agreement.
- c. Nothing in this Agreement is intended to create in the public or in any member of it rights as a third-party beneficiary under this Agreement.

10. Tort Claims

FEDERAL:

The United States shall be liable, to the extent allowed by the Federal Tort Claims Act 28 United States Code 2671-2680, for claims of personal injuries or property damage resulting from the negligent or wrongful act or omission of any employee of the United States while acting within the scope of his or her employment, arising out of this Agreement.

STATE:

The State of California shall be liable, to the extent allowed by law and subject to California Government Code, Title 1, Division 3.6, providing for the filing of tort claims against the State of California, for personal injuries or property damage resulting from the negligent or wrongful act or omission of State of California employees while acting within the scope of his or her employment, arising out of this Agreement.

11. Nondiscrimination

The State of California prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, sex, marital status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program. GRANTEE shall not discriminate against any person on any of these bases.

12. Incorporation

The grant guidelines and the Project Scope of Work, Project Budget Detail and any subsequent amendments or modifications to the Project Scope of Work and Project Budget Detail approved in writing by the STATE are hereby incorporated by reference into this Agreement as though set forth in full in this Agreement.

13. Severability

If any provision of this Agreement or the Project Scope of Work thereof is held invalid, that invalidity shall not affect other provisions or applications of this Agreement which can be given effect without the invalid provision or application, and to this end the provisions of this Agreement are severable.

14. Waiver

No term or provision hereof will be considered waived by either party, and no breach excused by either party, unless such waiver or consent is in writing and signed on behalf of the party against whom the waiver is asserted. No consent

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by either party to, or waiver of, a breach by either party, whether expressed or implied, will constitute consent to, waiver of, or excuse of any other, different, or subsequent breach by either party.

15. Assignment

This Agreement is not assignable by GRANTEE either in whole or in part.

ADDENDUM – COMMUNITY WILDFIRE PREVENTION GRANT

I. SPECIAL PROVISIONS

1. This Agreement is funded utilizing community capacity funds in lieu of CCI Fire Prevention Grant Funds. In accordance with Senate Bill 840 (Chapter 29, Statutes of 2018, Provision 1 of Item 3540-101-0001), herein referred to as Community Wildfire Prevention Grant, funds shall be utilized to build local capacity to complete community-based fire prevention projects.
2. The CCI Fire Prevention Grant Program Procedural Guide (Procedural Guide) 2018-19 is incorporated by reference. For purposes of determining requirements of grantees, the Agreement Terms and Conditions and this Addendum control when in conflict with administrative requirements in the Procedural Guide. The following administrative requirements, along with those in the Procedural Guide not in conflict with the Agreement Terms and Conditions and this Addendum, shall apply to the Community Wildfire Prevention Grant:
 - A. All project and activity work related to the grant must be completed by March 15, 2021 or the grant expiration date, whichever occurs first. Final invoices for grant related work must be submitted to CAL FIRE no later than 30 days after the grant expiration or April 15, 2021, whichever occurs first. Request for extensions beyond this timeframe will not be allowed. This shall supersede the timeframes identified in Page 5, 7, 15 and 37 of the procedural guide.
 - B. Greenhouse Gas Emissions Requirements identified on Page 8-9, et al. of the Procedural Guide shall not apply to the Community Wildfire Prevention Grant.
 - C. Appendix K – Low Income and Disadvantage Communities requirements identified on Page 52-54, et al. of the Procedural Guide shall not apply to the Community Wildfire Prevention Grant.



**California Department of Forestry and Fire Protection (CAL FIRE)
California Climate Investment
Fire Prevention Program Grant Application
Fiscal Year 2018-19 Funding Opportunity**



Please fill out this form completely. Be sure to save a copy of this form for your records. Submit 1 printed copy with original signature(s) and 1 electronic copy and all supporting materials to: **California Department of Forestry and Fire Protection, Attention: Grants Management Unit - Fire Prevention Program, P.O. Box 944246, Sacramento, CA 94244-2460.** E-mail an electronic copy to CALFIRE.Grants@fire.ca.gov. Be sure to include all attachments.

1. Project Tracking #: CalMapper ID:

Project Name/Title:

County: **CAL FIRE Unit/Contract County:** Please use this 3-letter Unit identifier for file naming (see question 14)

2. Organization Type: **If Other, please specify:**

If Non-Profit, are you a registered 501(c)(3)?

3. Sponsoring Organization:

Project Manager Title:

First Name: **Last Name:**

Address 1:

Address 2:

City: **State:** **Zip Code:**

Phone Number: **Secondary Phone Number:**

Email Address: **Fax Number:**

4. For which primary activity is funding being requested?

5. Grant Period: Please provide the estimated start date and completion date for your project. Projects **MUST** be completed by March 15, 2022. Note that final billing is due 30 days after project completion. Please use MM/DD/YYYY format.

Project Start Date:

Project Completion Date:

6. Limiting Factors:

Are there any existing forest or land management plans; Conservation Easements; Covenant, Conditions & Restrictions (CC&R's); matters related to zoning; use restrictions, or other factors that can or will limit the fire prevention proposed activity?

If checked, describe existing plan(s) and the limitations, if any, in the attached Scope of Work.

7. Timber Harvest Plans:

For fuel reduction projects, is there a timber harvesting document on any portion of the proposed project area for which a "Notice of Completion" has not been filed with CAL FIRE?

If checked, provide the THP identification number and describe the relationship to the project in the attached Scope of Work document.

THP ID Number:

8. Community at Risk: Is the project associated with a community that is listed as a Community At Risk? See http://osfm.fire.ca.gov/fireplan/fireplanning_communities_at_risk.php

Yes No

If yes, what is the name of the community?
If none, enter "none".

Number of Communities in the project area:

9. Disadvantaged/Low Income Community: Is the project associated with a low income community that is listed as a Community At Risk? See

<https://www.arb.ca.gov/cc/capandtrade/auctionproceeds/communityinvestments.htm>

Yes No

If yes, select all that applies: Disadvantaged Low Income Both Buffer Zone

10. Describe how your proposal would reduce the total amount of wildfire (and thereby reduce wildfire emissions) around communities, homes, infrastructure, and other highly valued resources. Please focus on GHG benefits. (limited to space provided):

The Spring Crest DFPZ is a proposed project to protect the community of Spring Crest, near Pinyon. The proposed project involves construction of fuel breaks along the roads surrounding the community, and roads with in the community. This will provide for resident and firefighter safety, ease of ingress and egress during a fire, and increasing the defensibility of the homes in the area. The contributors to the project will be CAL FIRE/RVC, USFS, and Private Landowners.

11. Project Budget:

What is the proposed budget? Please include a discussion of the project budget in the Scope of Work and enter the amount from the Project Budget workbook (.xls).

Budget Item **Amount**

Grant Funding Requested (\$)

NOTE: Grant Funding Requested must match "Total Grant Proposed Costs" on Project Budget Sheet.

Partners (\$)

12. Local Wildland Fire Risk Reduction Plans:

Is the project in, consistent with, or build on a larger plan that deals with the risk and potential impact to habitable structures in the WUI covered by this project? If so, discuss in the Scope of Work. **Select all that apply.**

- CAL FIRE Unit Strategic Fire Plan
- County Fire Department Strategic Fire Plan
- Other Local Plan (Identify in Scope of Work)
- Homeowners' Association Plan
- Local Fire Department Plan
- Local Hazard Mitigation Plan
- Fire Safe Council Action Plan
- FIREWISE Community Assessment
- Community Wildfire Protection Plan

Tracking #: 18-FP-RRU-0022

13. CEQA Compliance:

Describe how compliance with the California Environmental Quality Act (CEQA) will be achieved in the Scope of Work. Is there an existing (CEQA) document that addresses this project or can be used to meet CEQA requirements?

Please indicate the CEQA document type:

For planning, education and other projects that are exempt from CEQA, select "Not Applicable".

Document Identification Number

14. Application Submission:

NOTE TO APPLICANT: If you modify the language contained in any part of this document, other than to fill in the blanks, or to provide requested information, your application will be rejected.

Note: Replace XXXX in the file name with the project's ID Number.

Note: Replace UUU in the file name with the 3-letter identifier for the Unit where the project is located. Unit identifiers are listed in the instructions for this application form.

US Mail	Email	Attachments	File Name
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Application Form (.pdf)	<input type="text" value="18-FP-RRU-0022-Application.pdf"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Scope of Work	<input type="text" value="18-FP-RRU-0022-SOW.doc"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Project Budget	<input type="text" value="18-FP-RRU-0022-Budget.xls"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Project Map (.pdf)	<input type="text" value="18-FP-RRU-0022-MAP.pdf"/>
<input type="checkbox"/>	<input type="checkbox"/>	Articles of Incorporation (.pdf)	<input type="text" value="Not Applicable"/>

I certify that the above and attached information is true and correct:

Karen Gupson for Diane Sinclair
Original Signature Required: Grantee's Authorized Representative

12/19/18
Date Signed

Printed Name

Title

Executed on:
Date

at
City

Please fill out this form completely. Be sure to save a copy of this form for your records. Submit one (1) electronic copy in fillable PDF format with all supporting materials to CALFIRE.Grants@fire.ca.gov. Please use "Fire Prevention Program Project Application" in the E-mail subject line and include yourself as a cc. Your CC will be proof of your submittal. In addition, submit one (1) hard copy with signatures and all supporting materials to : **California Department of Forestry and Fire Protection, Attention: Grants Management Unit - Fire Prevention Program, P.O. Box 944246, Sacramento, CA 94244-2460**. Hard copy will need to be postmarked no later than **December 19, 2018**. Electronic copy must be submitted no later than **December 19, 2018 at 3:00 pm PST**. Applications postmarked after this date and time will be considered late.

If you would like to mail the hard copy via expedited/overnight mail, please E-mail CALFIRE.Grants@fire.ca.gov for the physical mailing address.

Tracking #: 18-FP-RRU-0022

Project Name: Spring Crest Defensible Fuel Profile Zone (DFPZ) Fuel Break



California Department of Forestry and Fire Protection
(CAL FIRE) California Climate Investments
Fire Prevention Grants Program
Project Scope of Work



Project Name: Spring Crest Defensible Fuel Profile Zone (DFPZ) Fuel Break

Project Tracking Number: 18-FP-RRU-0022

Project Description Summary: The Spring Crest Defensible Fuel Profile Zone (DFPZ) is a proposed project to protect the community of Spring Crest, near Pinyon. The proposed project involves construction of fuel breaks totaling 11 miles in length and approximately 400 acres of 300-foot wide along the roads surrounding the community and roads within the community. This will provide for resident and firefighter safety, ease of ingress and egress during a fire, and increasing the defensibility of the homes in the area. The 4,764-acre project area lies in 100% SRA and there are 27 structures immediately within the project area. The primary goals and objectives is eliminating wildfire starts, catching wildfires before they blow into wildland or urban areas, and facilitating firefighting efforts and public safety. All of these will contribute to reduced Green House Gas (GHG) emissions resulting from wildfire and increased carbon storage and sequestration over time.

A. Scope of Work

This item is broken into project specific criteria depending on the type of project being proposed: planning, education or hazardous fuel reduction. Please **answer one section of questions** that pertain to the primary activity type for your project.

Section 1: Hazardous Fuel Reduction/Removal of Dead or Dying Tree Projects

1. Describe the geographic scope of the project, including an estimate of the number of habitable structures and the names of the general communities that will benefit.
2. Describe the goals, objectives, and expected outcomes of the project.
3. Provide a clear rationale for how the proposed project will reduce the risks associated with wildfire to habitable structures in the WUI.
4. Identify any additional assets at risk to wildfire that will benefit from the proposed project. These may include, but are not limited to, domestic and municipal water supplies, power lines, communication facilities and community centers.
5. Is the scale of the project appropriate to achieve the stated goals, objectives and outcomes discussed in Item 2 above?
6. How will the project/activity utilize the left over woody biomass? Will the project/activity use a biomass facility to reduce greater greenhouse gas emissions?

Section 2: Planning Projects

1. Describe the geographic scope of the project, including the communities that will benefit, and an estimate of the number of structures within the project area.
2. Describe how the project will assess the risks to residents and structures in the WUI and prioritize projects to reduce this risk over time.

3. Does the proposed plan add or build upon previous wildfire prevention planning efforts in the general project area?
4. Identify a diverse group of key stakeholders, including local, state, and federal officials where appropriate, to collaborate with during the planning process. Discuss how the project proponent plans to engage with these targeted stakeholders.
5. Describe the pathways for community involvement that will be incorporated in the planning process.

Section 3: Education

1. Describe the specific message of the education program and how it relates to reducing the risk of wildfire to owners of structures in the WUI.
2. Describe the target audience of the education program and how information will be distributed to this audience.
3. Will the education program raise the awareness of homeowner responsibilities of living in a fire prone environment?
4. Identify specific actions being advocated in the education material that is expected to increase the preparedness of residents and structures in the WUI for wildfire.
5. Describe the expected outcome of the education in terms of increased or changed public awareness about wildfire.

Answer only 1 set of questions from above, depending on your project; Fuel Reduction, Planning or Education. (Please type in blank space below. Please note there is no space limitations).

A. Scope of Work - Section 1: Hazardous Fuel Reduction/Removal of Dead or Dying Tree Projects

1. Describe the geographic scope of the project, including an estimate of the number of habitable structures and the names of the general communities that will benefit.

The Spring Crest Community lies at the northern edge of the Santa Rosa Mountains, in the southern portion of the San Jacinto Mountain range of the San Bernardino National Forest. The geographic scope of the project is a mountainous wildland urban interface surrounding an urban setting of several unincorporated Riverside County communities. The communities that will benefit from this project are Pinyon Pines and Santa Rosa, and other unincorporated portions of the Anza Valley and San Jacinto Mountains of Riverside County. The immediate project area has 27 habitable structures in the 4,764 acres of the project area, of which approximately 400 acres are in the fuels treatment area. The entire project area is rated in the "Very High" fire hazard severity zone.

The localized weather pattern in the area is of significant concern for this project. The topography area is mountainous sitting at about 4,300 feet above sea level however has an arid desert climate. Temperatures can exceed ninety degrees in the summer months and localized wind events have a southwest push that can shift from blowing westerly to easterly. This combination causes the area to experience many wildfires, most notably the 2018 Cranston Fire and the 2013 Mountain Fire burned to the north of the project area.

The shaded fuel break will create a strip of land where fuel (for example, living trees and brush, and dead branches, needles, or downed logs) will be modified or reduced to limit the fire's ability to spread rapidly. The 400-acre fuels treatment area will create a shaded fuel break by cutting, chipping, mastication, grinding, and pile burning (when appropriate). The shaded fuel break will maintain cooler and moister understory conditions which will generally remain greener longer into the growing season and help reduce fire spread within the fuel break area.

2. Describe the goals, objectives, and expected outcomes of the project.

Goals: The overall project goal is to reduce the wild fire hazard risk for the habitable structures in and around the project area by creating a 300-foot wide shaded fuel break over 400 acres of fuels treatment area in the 4,764 acres of project area. The first goal is to procure a Registered Professional Forester (RPF) who is knowledgeable in fuel reduction techniques and systems to prepare the necessary CEQA documents, create the fuels treatment prescription plan, and mark/flag the site as prescribed. RCFD will concurrently procure a Licensed Timber Operator (LTO) to execute the prescribed vegetation treatment plan. The long-term goal to accomplish with the project is to increase protection for the communities in and around the southern portion of the San Jacinto Mountain range area from fires originating along or above the area as well as increase protection for the area itself from fires starting near the area.

Objectives: The project objectives are to reduce existing heavy fuel loads adjacent to the project area, a populated and heavily traveled area, to broaden the existing shaded fuel break, and create a wider buffer of protection along the area. This will be accomplished first by a thorough inspection along the area by the RPF to insure CEQA and Harvest Timber Plan compliance, then by a Licensed Timber Operator crew to perform the actual work of hazardous fuel reduction and widening. The fuel reduction project will be completed by piling dead vegetation, thinning brush and small trees with chainsaws and placing this material into small piles to be burned in cool weather or chipped where accessible. The project will conclude with a final inspection first by the Contracts administrator and then a Riverside County Fire Inspector to confirm activity completion.

Expected Outcomes: This project will create a shaded fuel break that is 300 feet wide, 11 miles long, and approximately 400 acres in total fuels treatment area. This will be achieved by a RPF prescribing a treatment plan for an LTO to execute to remove and reduce high hazard fuels that are at risk of wildfire.

3. Provide a clear rationale for how the proposed project will reduce the risks associated with wildfire to habitable structures in the WUI.

Our project is to construct a shaded fuel break in the communities of the southern San Jacinto Mountain range. This will mitigate the risks of wildfire in areas where natural fire regimes have been suppressed, leading to a dangerous buildup of combustible

vegetation. We will retain a RPF to prescribe the treatment plan, mark and flag the sites, and manage the project. We will selectively thin and flag the sites and manage the project. We will selectively thin and remove more flammable understory vegetation while leaving the majority of larger, more fire tolerant tree species in place. Because of the ecologically sensitive nature of the area, its location to an urban area, other avenues of fire mitigation like controlled burns and (unshaded) fuel breaks are generally considered less cost and risk effective and generally are not considered as safe. The shaded fuel break is intended to leave the larger trees that shade the area in place while eliminating the understory that is more likely to contribute to the severity of a fire. Cutting vegetation is done selectively in a manner that favors preserving the ability of vegetation to hold the soil. The ground cover and low-lying shrubs are not eliminated in this break, only trees. This cut is not a blanket cut that indiscriminately removes all vegetation, nor is it a clear cut. As such, the treatment will not increase risk of erosion.

4. Identify any additional assets at risk to wildfire that will benefit from the proposed project. These may include, but are not limited to, domestic and municipal water supplies, power lines, communication facilities and community centers.

The assets in this area that are at risk for wildfire include:

- Multiple Municipal Water Districts
 - Southern California Edison has double-circuit 220,000 kilovolt transmission lines that connect power lines for thousands of residents.
 - Several community facilities
 - Several community centers
 - The area has two main highways along with standard urban infrastructure
5. Is the scale of the project appropriate to achieve the stated goals, objectives and outcomes discussed in Item 2 above?

The scale of the project is appropriate to achieve our goals, objectives, and desired outcomes.

6. How will the project/activity utilize the left over woody biomass? Will the project/activity use a biomass facility to reduce greater greenhouse gas emissions?

Woody biomass will be taken to a local grinding facility to be used as an alternative fuel source for a cogeneration power plant (power plant creates power burning woody biomass). Some material will be chipped on site for erosion control, mulch for moisture retention, and compost for future plant/tree food. The material will reduce GHG in that chipped material left on site will not release its stored carbon through combustion in a wildfire, and material taken off-site will be used as an alternative fuel source that releases less carbon than other fuel sources and will not be released during a wildfire.

B. Relationship to Strategic Plans

Does the proposed project support the goals and objectives of the California Strategic Fire Plan, the local CAL FIRE Unit Fire Plan, a Community Wildfire Protection Plan (CWPP), County Fire Plan, or other long-term planning document? (Please type in blank space below. Please note there is no space limitations).

The proposed project is consistent with the 2010 California Strategic Fire Plan, the RRU 2014 Unit Strategic Fire Plan, and two current strategic plans that address the risk and potential impact to habitable structures from wildfire in the SRA. In addition to maintaining the prescribed fuel loading levels completed, it is proposed that the CAL FIRE/Riverside County Fire Department increases the treatment area within the same private properties to broaden the "shaded fuel break" and create a wider buffer of protection.

C. Degree of Risk

1. Discuss the location of the project in relation to areas of moderate, high, or very high fire hazard severity zone as identified by the latest Fire and Resource Assessment Program maps. Fire hazard severity zone maps by county can be accessed at: http://www.fire.ca.gov/fire_prevention/fire_prevention_wildland_zones_maps.php
2. Describe the geographic proximity of the project to structures at risk to damage from wildfire in the WUI. (Please type in blank space below. Please note there is no space limitations).

According to the latest Fire and Resource Assessment Program maps, the area proposed to be treated in this project is categorized as "Very High" fire hazard severity zone as determined by the FRAP maps. There are 27 structures that lie within or around the Wildland Urban Interface (WUI) on this project and all are in a "Very High" fire hazard severity. This project location has a severe fire risk and fire history with the most recent being the 2018 Cranston Fire and the 2013 Mountain Fire.

D. Community Support

1. Does the project include any matching funds from other funding sources or any in-kind contributions that are expected to extend the impact of the proposed project?
2. Describe plans for external communications during the life of the project to keep the effected community informed about the goals, objectives and progress of the project. Activities such as planned press releases, project signage, community meetings, and field tours are encouraged.
3. Describe any plans to maintain the project after the grant period has ended.
4. Does the proposed project work with other organizations or agencies to address fire hazard reduction at the landscape level?
(Please type in blank space below. Please note there is no space limitations).

1. The Riverside County Fire Department will provide in-kind support through administrative services and functions. The grant will require multiple positions to provide services such as project management, accounting, IT/communications, purchasing, and contract management. We estimate the administrative time that will be required by this grant is estimated at one-half of a full-time equivalent (FTE) employee per year dedicated to the grant for administrative functions. We estimate the one-half FTE will dedicate 3,120 hours over the three-year project at a value of \$164,244 through project management and administrative functions.
2. The RCFD Public Information Officer (PIO) will provide press releases to the public as appropriate and needed to ensure all affected communities are informed of the project goals, objectives, and progress. The RCFD PIO will also attend community meetings and provide information through the departments website, social media accounts, and the local media to ensure information effectively and appropriately flows to citizens of the communities.
3. On an annual basis, the department will assign hand crews to the project sites after completion of the grant period to maintain the shaded fuel break areas.
4. The project works within a multi-agency effort to work together with RCFD, the USFS and Cal Fire. Southwest Fire Safe Council does multiple brush collections to help encourage local property owners to make their properties safer. The Santa Rosa Plateau Ecological Preserve also does live burns.

E. Project Implementation

1. Discuss the anticipated timeline for the project. Make sure to take seasonal restrictions into account.
 2. Verify the expected timeframes to complete the project will fall under the March 15, 2022 deadline.
 3. Describe the milestones that will be used to measure the progress of the project.
 4. Describe measurable outcomes (i.e. project deliverables) that will be used to measure the project's success.
 5. If applicable, how will the requirements of the California Environmental Quality Act (CEQA) be met?
(Please type in blank space below. Please note there is no space limitations).
1. From the point the projected is awarded, we will go through the Riverside County Purchasing process to retain a RPF and an LTO. Once a RPF is contracted, they will prepare the CEQA and other required documents and prepare the treatment prescriptions and site plans. Once these documents are prepared, the RPF will begin to manage the sites and flag/mark the fuels treatment areas and the prescribed treatment method. We anticipate this process to take four to six months. Once the RPF has marked out parts of the site, the LTO will begin to execute the treatment plan prescribed to each site as marked. The anticipated

timeline for the project will take three years to complete. This considers the seasonality restrictions that make the area unable to work during the winter due to the steep terrain and dangerous conditions.

2. RCFD verifies we expect to complete the project by the March 15, 2022 deadline.
3. The milestones that will be used to measure the progress of the project are:
 - a. Year 1: Bid out and contract with RPF and LTO; RPF will prepare and submit CEQA and all other required documents; RPF will prepare treatment prescriptions; RPF will begin to manage the sites and mark out the treatment prescribed to the fuels treatment area; LTO will begin to execute treatment prescriptions in the fuels treatment area.
 - b. Year 2: LTO will treat at least 50% of the fuels treatment area as prescribed by the RPF.
 - c. Year 3: RPF and LTO will have 100% treatment completed on the prescribed treatment plan by March 22, 2022.
4. The measurable outcomes and project deliverables that will be used to measure the project's success are:
 - a. CEQA and other required documents will be prepared and submitted to appropriate agencies;
 - b. RPF will have a thorough fuels treatment plan and site plan;
 - c. RPF will have documented their work on site marking/flagging of the fuels treatment area;
 - d. RPF and LTO will have documented statistics for treatments completed which will be accumulated monthly.
5. The requirements of the California Environmental Quality Act (CEQA) be met the forester that is procured to manage the project.

F. Administration

1. Describe any previous experience the project proponent has with similar projects. Include a list of recent past projects the proponent has successfully completed if applicable. Project proponents having no previous experience with similar projects should discuss any past experiences that may help show a capacity to successfully complete the project being proposed. This may include partnering with a more experienced organization that can provide project support.
2. Identify who will be responsible for tracking project expenses and maintaining project records in a manner that allows for a full audit trail of any awarded grant funds. (Please type in blank space below. Please note there is no space limitations).

1. 2003 - Award Amount: \$634,759 FEMA - Grant No. FIPS # 065-0000: HMGP
- 2004 - Award Amount: \$200,000 EAP - Grant No. 03-DG11051200-024
- 2004 - Award Amount: \$4,975,000 SFA - Grant No. 04-DG11051200-029
- 2004 - Award Amount: \$2,000,000 EWP - Grant No. 69-91044-236
- 2008 - Award Amount: \$2,500,000 SFA - Grant No. 8-DG11051200-030
- 2009 - Award Amount: \$650,000 ARRA - Grant No. 09-DG11059702-011
- 2015 – Award Amount: \$296,000 SRA – Grant No. 5GS14153

All grant awards were successfully completed except for the 2008 award of \$2,500,000 which is currently active (approximately \$500,000 remaining) and will be completed during the coming year. These overlapping grant funds, more than \$10.3 million dollars utilized to date, have been used to remove more than 18,733 trees, treat more than 6176 acres, and assist owner's of 2564 parcels on private and non-federal land in the Riverside County mountain communities through hazardous fuel abatement projects. Large Parcel projects were a major part of each grant budget with the exception of the ARRA grant. Additionally, through the Forest Health Enhancement Program grants and the Hazardous Fuels Treatment grants, 46 projects were completed including 182 acres of mastication, 465 acres of tree planting, and 545 acres of fuel reduction/forest health improvement projects.

2. RCFD has a full-time analyst who is responsible for monitoring and tracking all grant related projects and expenses. The grants analyst is also responsible for developing systems to maintain project records in a manner that allows for full accounting and audit trail of any awarded grant funds.

G. Budget

A detailed project budget should be provided in an Excel spreadsheet attached to this grant application. The space provided here is to allow for a narrative description to further explain the proposed budget.

1. Explain how the grant funds, if awarded, will be spent to support the goals and objectives of the project. If equipment grant funds are requested, explain how the equipment will be utilized and maintained beyond the life of the grant.
2. Are the costs for each proposed activity reasonable for the geographic area where they are to be performed? Identify any costs that are higher than usual and explain any special circumstances within the project that makes these increased costs necessary to achieve the goals and objectives of the project.
3. Is the total project cost appropriate for the size, scope, and anticipated benefit of the project?
4. Identify all Indirect Costs and describe why they are necessary for a successful project implementation. Administrative expenses to be paid by the Fire Prevention Grants must be less than 12% of the total grant request (excluding equipment).
5. Explain each object category in detail and how that would support meeting the grant objectives.

(Please type in blank space below. Please note there is no space limitations).

1. The three areas where expenses will be incurred for this project is for a Registered Professional Forester (RPF), Licensed Timber Operators (LTO), and for administrative functions related to the grant.

The RPF will design and oversee all fuel hazard reduction vegetation removal as defined in Public Resource (PRC) Code §753 and 754. The RPF will mark/flag the project sites and conduct site visits during active project operations to ensure vegetation removal is being conducted according to the prescription. An RPF will also ensure CEQA/NEPA compliance is met. Based on similar projects we have completed in the past, we estimate an RFP will be needed for 1,287 hours over the three-year term of the grant at a cost of \$110 per hour, which equates to \$141,570 over the term of the grant.

The LTO licensed under the Forest Practice Act law is the authorized agent that will conduct forest tree cutting and conduct the fuel removal and treatment operations and will comply with all laws and regulations relating to such tree cutting or removal. The area that will be treated will be 300 feet wide by 11 miles long, which approximates to 400 acres. The LTO's that RCFD has contracted with in the past for similar services have charged \$3,500 per acre to provide treatment services, which equates to \$1,400,000 over the three-year term of the grant. We anticipate being able to treat 200 acres (or one-half of the total area) per year.

The administrative functions include multiple positions to provide services such as project management, accounting, IT/communications, purchasing, and contract management. We estimate the administrative time that will be required by this grant is estimated at one-half of a full-time equivalent (FTE) employee per year dedicated to the grant for administrative functions. The average hourly rate of all such administrative positions is \$36 per hour, with a 45% benefits rate (\$16/hour), the fully burdened rate equates to \$52 per hour. We estimate the one-half FTE will dedicate 3,120 hours over the three-year project at a value of \$164,244 through project oversight and administrative functions. The administrative costs equate to 11.9% of the grant activity costs and will be the match portion paid by RCFD.

2. Due to the steep and rugged topography and accessibility issues that the rugged terrain presents, the costs for the proposed activity are reasonable for the geographic area where the grant activities will be performed.
3. The project costs are appropriate, fair-market costs for a project of this scope and magnitude.
4. The indirect costs for the grant are limited to the administrative expenses related to managing the grant and are under the 12% threshold.

5. The Salary and Wages and Employee Benefits categories are limited to grant administrative activities as described above. The Contractual costs are for a Registered Professional Forester (RPF) to manage the grant activities and project site, and the Licensed Timber Operator will conduct the fuels reductions activities.

H. California Climate Investments

The space provided here is to allow for a narrative description to further explain how the project/activity will reduce Greenhouse Gas emissions.

1. How will the project/activity reduce Greenhouse Gas emissions?
2. Is the project located in a Low-Income or Disadvantaged Community? If not, does the project benefit those communities. Please explain.
3. What are the expected co-benefits of the project/activity (i.e. environmental, public health and safety, and climate resiliency)?
4. When are the Greenhouse Gas emissions and/or co-benefits expected to occur and how will they be maintained?

(Please type in blank space below. Please note there is no space limitations).

1. The project will reduce GHG emissions by reducing fire hazards near communities and infrastructure and improving health and resilience of treated areas for increased carbon storage and sequestration. Reducing the fire hazard of the Spring Crest area will reduce the major wildland fire hazard risk that naturally exists in the area due to the steep terrain and local wind events that can cause a minor fire to quickly explode into an extremely dangerous event. Removing and reducing the amount of fuel in the area will reduce the likelihood of wildfire from places where fire is not tolerable on the landscape – communities, homes, infrastructure, and other highly valued resources, these objectives are achieved most directly through avoided wildfire emissions. Eliminating wildfire starts, catching smaller wildfires before they blow into wildland areas, facilitating firefighting efforts and safety, and increasing carbon storage and sequestration potential all contribute to reduced GHG emissions over time.
2. Per the mapping product provided in the grant applications instructions, the entire project is located in an area considered AB 1550 Low-income Communities. The project will directly benefit this community by reducing the risk of wildfire and GHG emissions resulting from wildfire.

3. Environmental: The environmental benefits the projects will have are reducing GHG release, increasing carbon storage and sequestrations, and reducing the fire hazard risk.
 - Public health and safety: protect health and safety of residents.
 - Climate resiliency: The recent history of wildfires has proven to become more destructive, longer burning, and consume greater acreage. These projects will create shaded fuel breaks. So that when a fire does break in the area, firefighters can get a quicker handle on the situation and not allow fire to grow as large, burn as long, or release as much GHG.

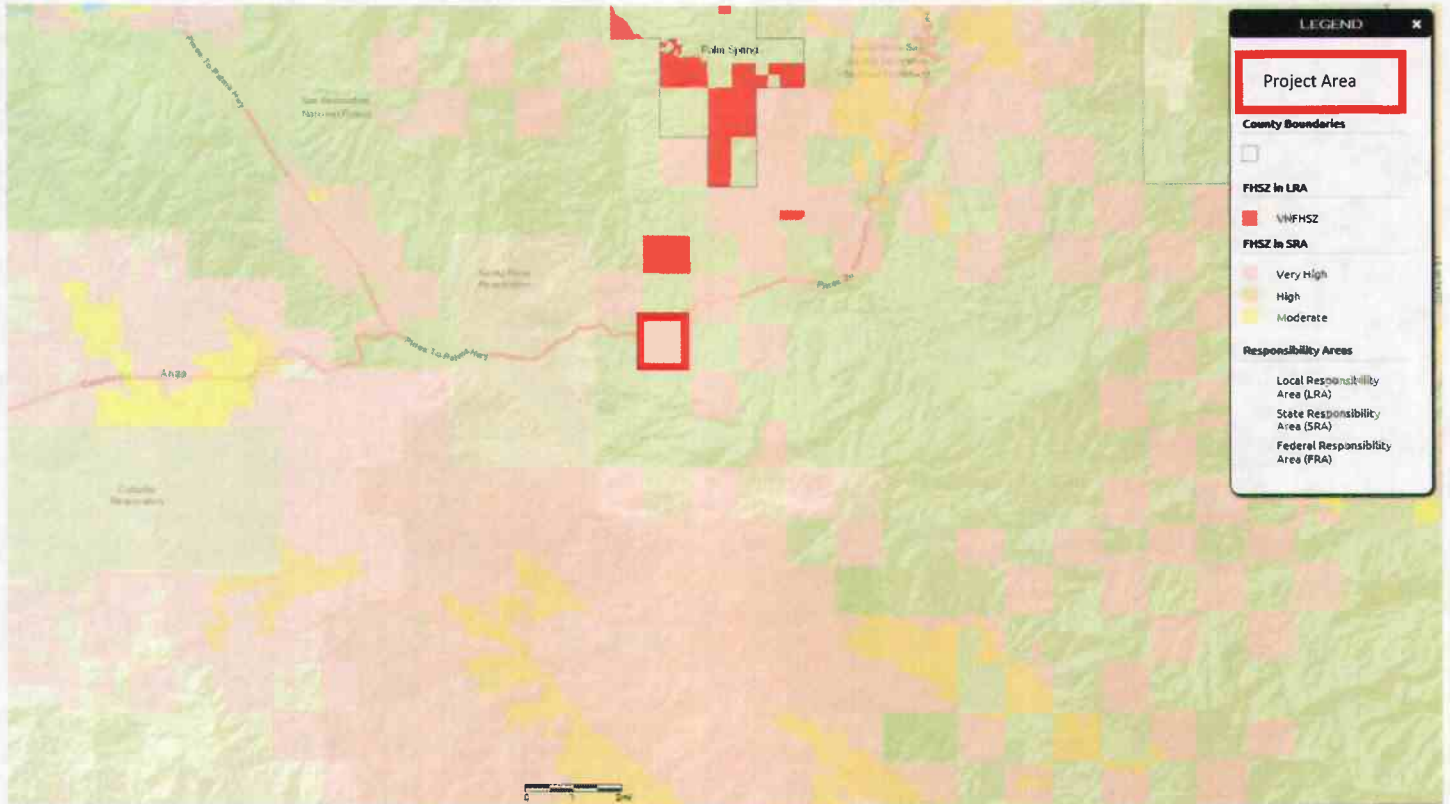
4. There is a carbon storage and sequestration effort in brush immediately by reducing the amount of fire threat which will secure carbon in the remaining vegetation that is chipped and left on site. The vegetation removed will be used as an alternative fuel source in the cogeneration plant which are lower GHG emitters. Maintenance will be conducted through multi-agency effort to maintain project area through local fire safe councils and Cal Fire inmate crews.

Budget Category	Item Description	Cost Basis			Cost Share (%)			Funding Source (\$)			Total (\$)
		Quantity	Units	Cost/Unit	Grant	Grantee	Partner	Grant	Grantee	Partner(s)	
A. Salaries and Wages											
	Administrative Functions (50%)	3120	Hours	\$ 36	0%	100%	0%	\$ -	\$ 113,833	\$ -	\$ 113,833
		0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	Sub-Total Salaries and Wages:							\$ -	\$ 113,833	\$ -	\$ 113,833
B. Employee Benefits											
	Administrative Functions (45%)	3120	Days	\$ 16	0%	100%	0%	\$ -	\$ 51,225	\$ -	\$ 51,225
		0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Hours	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	Sub-Total Employee Benefits:							\$ -	\$ 51,225	\$ -	\$ 51,225
C. Contractual											
	Registered Professional Forester	1287	Report	\$ 110	100%	0%	0%	\$ 141,570	\$ -	\$ -	\$ 141,570
	Licensed Timber Operator	400	Acres	\$ 3,500	100%	0%	0%	\$ 1,400,000	\$ -	\$ -	\$ 1,400,000
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Acres	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Miles	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	Sub-Total Contractual:							\$ 1,541,570	\$ -	\$ -	\$ 1,541,570
D. Travel & Per Diem:											
		0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Days	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	Sub-Total Travel & Per Diem:							\$ -	\$ -	\$ -	\$ -
E. Supplies											
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	Sub-Total Supplies:							\$ -	\$ -	\$ -	\$ -
F. Equipment											
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	Sub-Total Equipment:							\$ -	\$ -	\$ -	\$ -
G. Other Costs											
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
		0	Each	\$ -	0%	0%	0%	\$ -	\$ -	\$ -	\$ -
	Sub-Total Other Costs							\$ -	\$ -	\$ -	\$ -
Total Direct Costs								\$ 1,541,570	\$ 165,058	\$ -	\$ 1,706,628
Indirect Costs (Exclude Equipment)								0%	\$ -	\$ -	\$ -
Total Project Costs								\$ 1,541,570	\$ 165,058	\$ -	\$ 1,706,628
Less Program Income								\$ -	\$ -	\$ -	\$ -
Total Grant Proposed Costs								\$ 1,541,570	\$ 165,058	\$ -	\$ 1,706,628

Riverside County Fire Department
Spring Crest Defensible Fuel Profile Zone (DFPZ) Fuel Break
FP-FP-RRU-0022

Attachment 4 – Project Maps

Map of SRA for Riverside County



Source: <http://egis.fire.ca.gov/FHSZ/>

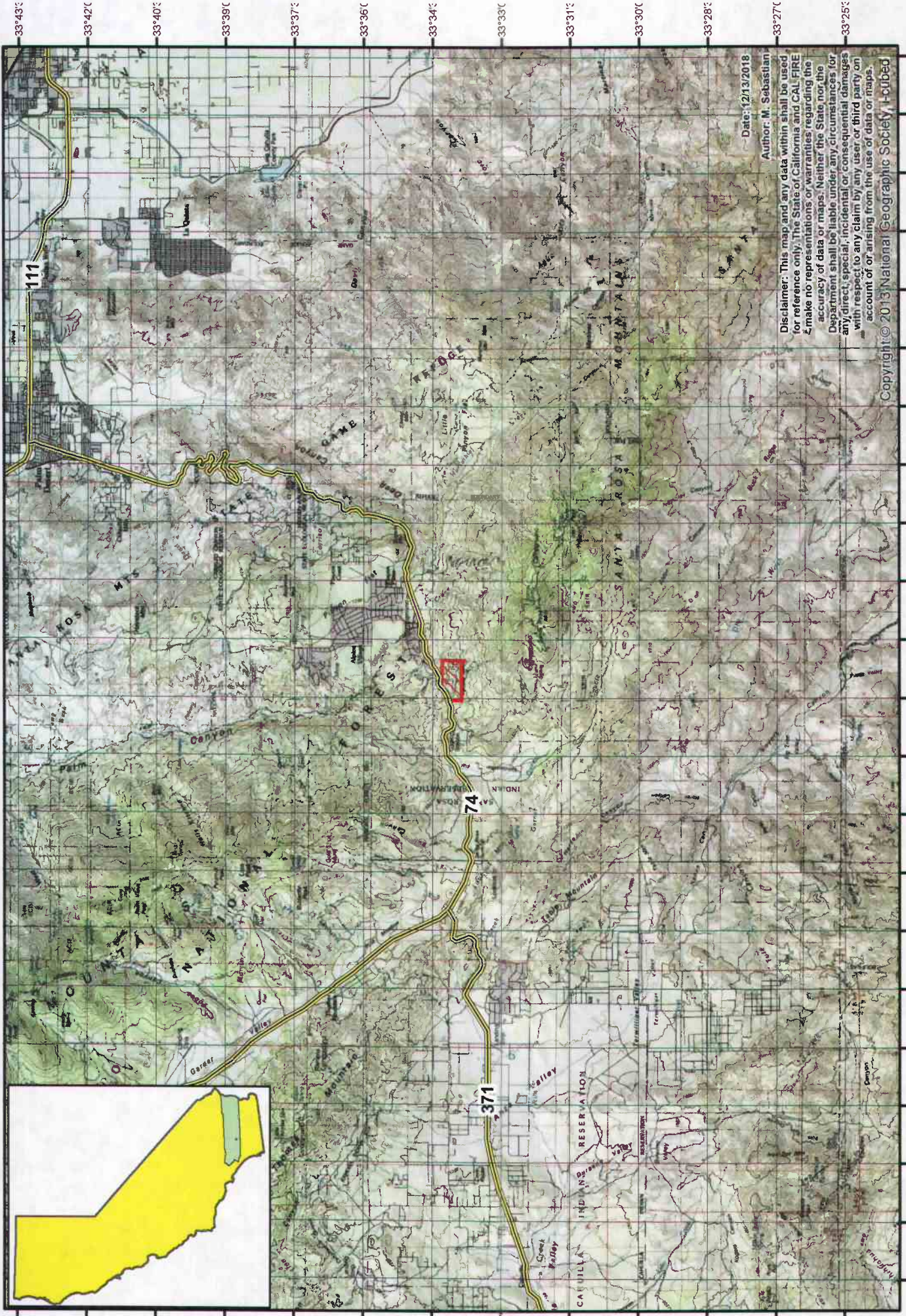
Riverside County Fire Department
Spring Crest Defensible Fuel Profile Zone (DFPZ) Fuel Break
FP-FP-RRU-0022

Map of Low Income and Disadvantaged Communities



Source:

<https://www.arb.ca.gov/cc/capandtrade/auctionproceeds/communityinvestments.htm>



Date: 12/13/2018
 Author: M. Sebastian
 Disclaimer: This map and any data within shall be used for reference only. The State of California and CAL FIRE make no representations or warranties regarding the accuracy of data or maps. Neither the State nor the Department shall be liable under any circumstances for any direct, special, incidental or consequential damages with respect to any claim by any user or third party on account of or arising from the use of data or maps.
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Spring Crest DFPZ 2019 Location Map

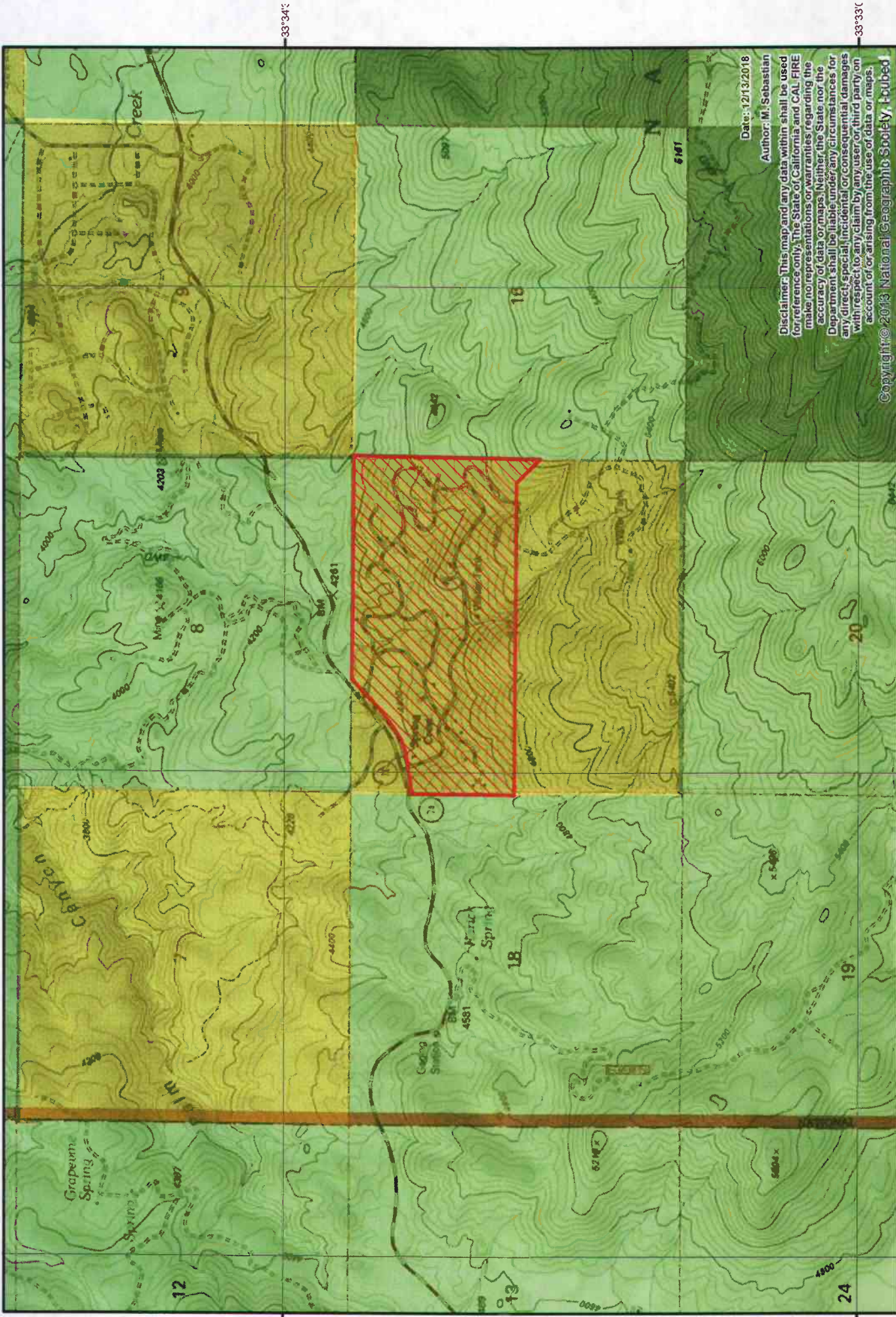
RRU_Major_Highway
 Spring_Crest_2018_Project_Bndry



33°43' 33°42' 33°40' 33°39' 33°37' 33°36' 33°34' 33°33' 33°31' 33°30' 33°28' 33°27' 33°25'

43°30'N 3°42'0"N 40°30'N 3°39'0"N 37°30'N 3°36'0"N 34°30'N 3°33'0"N 31°30'N 3°30'0"N 28°30'N 3°27'0"N 25°30'N

116°43'30"W 116°40'30"W 116°37'30"W 116°34'30"W 116°31'30"W 116°28'30"W 116°25'30"W 116°22'30"W 116°19'30"W 116°16'30"W 116°13'30"W

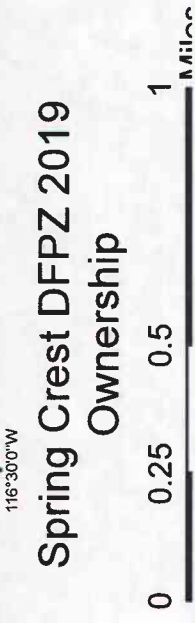


Date: 12/13/2018
 Author: M. Sebastian
 Disclaimer: This map and any data within shall be used for reference only. The State of California and CAL FIRE make no representations or warranties regarding the accuracy of data or maps. Neither the State nor the Department shall be liable under any circumstances for any direct, special, incidental or consequential damages with respect to any claim by any user or third party on account of or arising from the use of data or maps.

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116°28'30\"/>

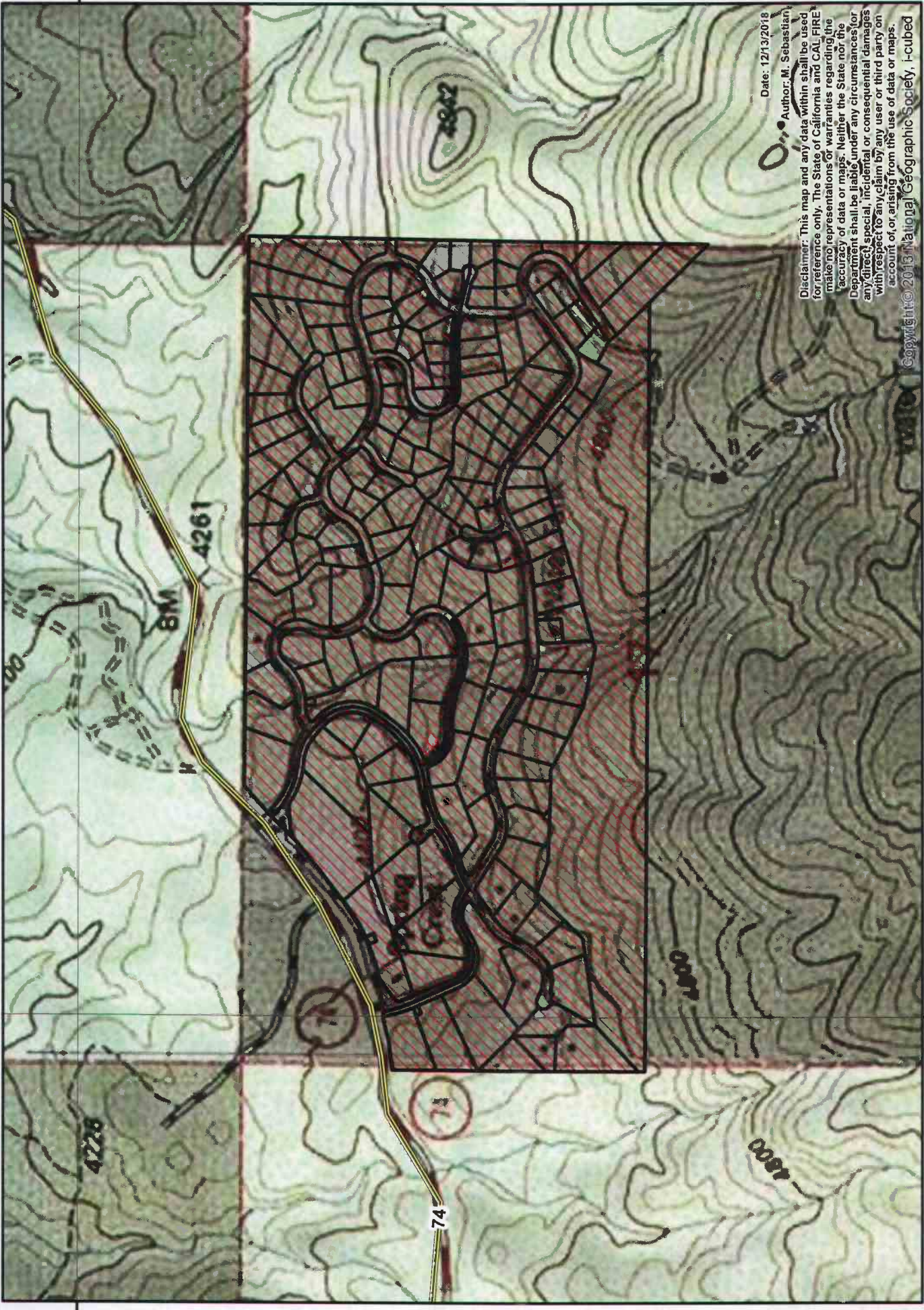


Spring Crest DFPZ 2019 Ownership

116°31'30\"/>

SRA18_1
 Representation: SRA18_1

- FRA
- LRA
- SRA



33°34'

34°30'N

Date: 12/13/2018
 Author: M. Sebastian
 Disclaimer: This map and any data within shall be used for reference only. The State of California and CAL FIRE make no representations or warranties regarding the accuracy of data or maps. Neither the State nor the Department shall be liable under any circumstances for any direct, special, incidental or consequential damages with respect to any claim by any user or third party on account of, or arising from the use of data or maps.

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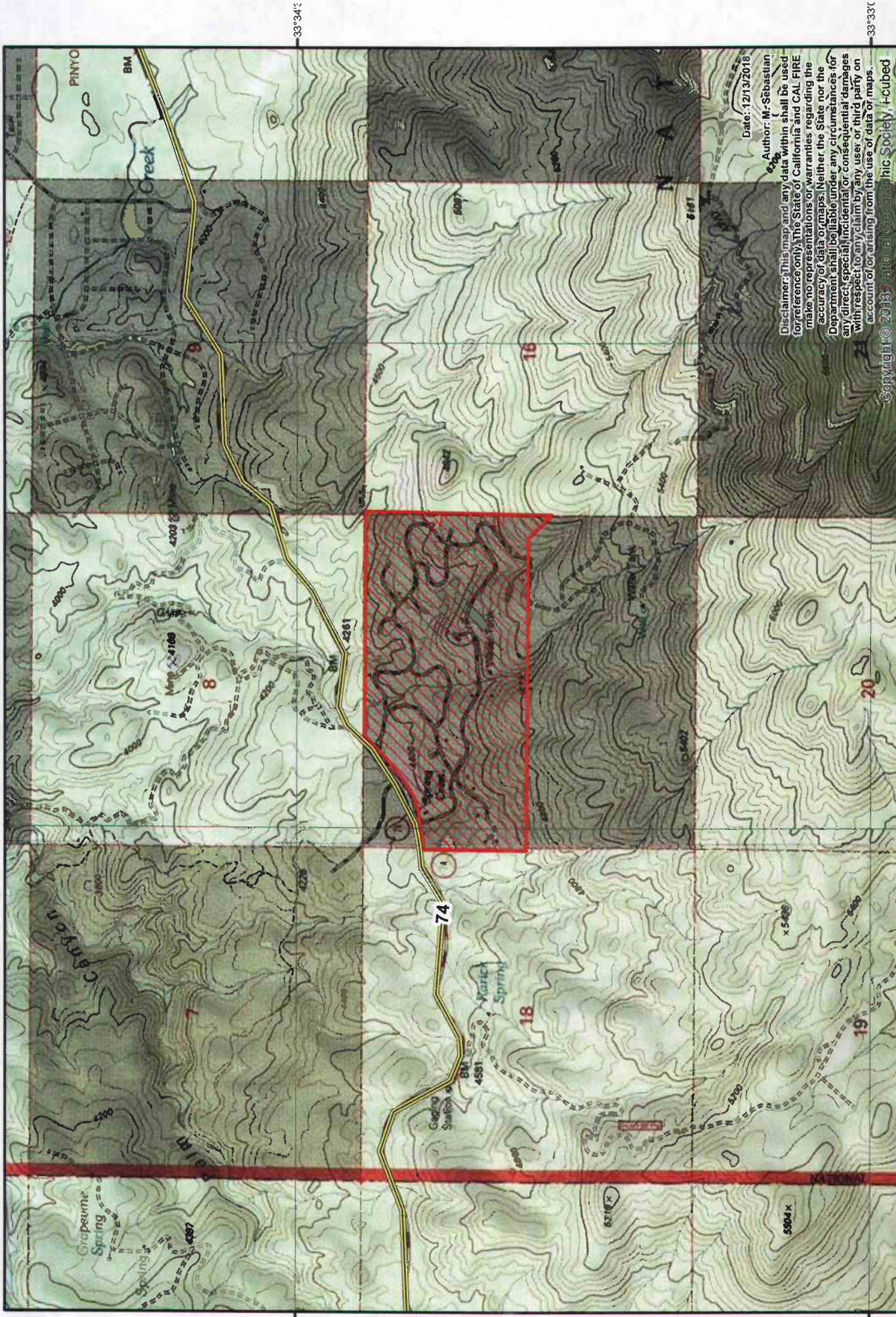
Spring Crest DFPZ 2019 Parcel Map

Spring_Crest_DFPZ_Parcels

Spring Crest 2018 Project Bndrv



116°30'0\"/>



Date: 12/13/2018
 Author: M-Sebastian
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116°30'0"W 116°28'30"W

33°34'N 33°33'N

Acres: 4,764

RRU_Major_Highway

Spring Crest 2018 Project Rndrv

**Spring Crest DFPZ 2019
 Site Map**





DEPARTMENT OF FORESTRY AND FIRE PROTECTION

P.O. Box 944246
SACRAMENTO, CA 94244-2460
(916) 653-7772
Website: www.fire.ca.gov



May 8, 2019

Jeremy Murphy
County of Riverside
210 W. San Jacinto Ave.
Perris, CA 92570

5GA18224; Spring Crest Defensible Fuel Profile Zone (DFPZ) Fuel Break

This agreement cannot be considered binding on either party until approved by appropriate authorized CAL FIRE designee. No services should be provided prior to approval, as the State is not obligated to make any payments on any Agreement prior to final approval. FAILURE TO RETURN ALL DOCUMENTS BY DATE BELOW MAY RESULT IN LOSS OF FUNDING.

Please contact Gregg Bratcher at (951)-659-3335 if you have questions concerning services to be performed. Please contact Cody Klinger at (916) 651-5317 if you have any administrative questions or concerns.

1. Full grant agreement including terms and conditions, addendum, grant application form, scope of work, budget, and map enclosed. Print (single sided) and return three (3) sets of agreements with original signatures in blue ink. In addition, please return the attachment(s) below, as applicable to your organization, to be received by CAL FIRE no later than **May 31, 2019**.
 - Attachment 5 – Std. 204 Payee Data Record <http://www.documents.dgs.ca.gov/dgs/fmc/pdf/std204.pdf>
 - Attachment 7 – Board Resolution or Attesting Document granting authority to sign (non-profit and local entity applicants)

Return all originals and requested documents for further processing to:

Department of Forestry and Fire Protection
Attention: GMU/CCI FP
P.O. Box 944246
Sacramento, CA 94244-2460

2. Enclosed for your record is one fully executed copy of the agreement referenced above. When billing for services performed under this agreement, your invoices must reference the agreement number above and be submitted to the contract manager.

Thank you,

Cody Klinger
Grants Analyst
Grants Management Unit

Enclosures

CC: Virginia Hernandez
Gregg Bratcher
Tiffany Kelly