

Memorandum

From: Bryan Cash
Assistant Secretary
California Natural Resources Agency

Date: June 02, 2020

Telephone: (916) 653-7772

Thom Porter
Director
California Department of Forestry and Fire Protection

Website: www.fire.ca.gov

Subject: GREENHOUSE GAS REDUCTION FUND – Department of Forestry and Fire Protection

EXPENDITURE RECORD FOR FISCAL YEAR 2019-2020
Department of Forestry and Fire Protection – Fire Prevention Local Assistance

This Attestation Memorandum documents that the California Natural Resources Agency and the California Department of Forestry and Fire Protection (CAL FIRE) completed the attached Expenditure Record on June 02, 2020 for the Fire Prevention Local Assistance. The Expenditure Record is consistent with the statutory requirements of Government Code Section 16428.9 and with the California Air Resources Board’s (CARB) Funding Guidelines for Agencies that Administer California Climate Investments to support expenditures from the Greenhouse Gas Reduction Fund.

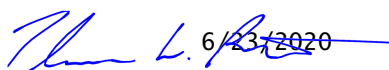
This Attestation Memorandum and Expenditure Record will be submitted to CARB for public posting on the [CARB website](#). Questions on this Attestation Memorandum or Expenditure Record may be directed to Daniel Berlant, CAL FIRE Assistant Deputy Director of Wildfire Planning & Engineering, Fire Engineering, and Investigations at (916) 223-3576, Daniel.Berlant@fire.ca.gov.

Attachment

Signed:

 6/23/2020

Bryan Cash, Assistant Secretary
California Natural Resources Agency

 6/23/2020

Thom Porter, Director
California Department of Forestry and Fire Protection

Greenhouse Gas Reduction Fund: Expenditure Record

Department of Forestry and Fire Protection
Fire Prevention Grants Program

Authorizing legislation: Item 3540-005-3228 of AB 74, Committee on the Budget, Budget Act of 2019 (Chapter 23, Statutes of 2019)

Element (1) A description of each expenditure proposed to be made by the administering agency pursuant to the appropriation.

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| Agency that will administer funding | Department of Forestry and Fire Protection, Fire Prevention Grants Program. |
| <input type="checkbox"/> Amount of proposed expenditure and appropriation reference | <ul style="list-style-type: none">▪ Per appropriation 3540-005-3228, the total expenditure is up to \$10,000,000.00 for:<ul style="list-style-type: none">(a) \$1,000,000 to create a new fire outreach and extension program that would consist of 17 fire extension advisors located in selected counties.(b) \$250,000 to provide training to local planners on land use planning issues in the wildland urban interface.(c) \$250,000 to the Office of Planning and Research (OPR) to inventory and publish on its internet website best practices reflected in local planning ordinances and enforcement practices undertaken at the local level in the wildland urban interface.(d) \$6,000,000 for a block grant to county groups to support implementation of fire prevention and preparedness community action in collaboration with University of California fire advisors, resource conservation districts, and others.(e) \$2,500,000 to reimburse counties for maintenance of evacuation routes during emergencies. It is the intent of the Legislature that counties should develop standards for these evacuation routes as well as create and maintain signage and other necessities. |
| <input type="checkbox"/> Estimated amount of expenditures for administering agency administrative costs | <ul style="list-style-type: none">▪ There are no state agency administrative costs. |

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- If applicable, identify laws or regulations that govern how funds will be used
- AB 74 (Chapter 23, Statutes of 2019), established the program and provides direction on how the funds will be allocated to recipients, including requirements for project eligibility and program implementation. All funds will be allocated and managed in accordance with this law.
 - AB 1532 (Pérez, Chapter 807, Statutes of 2012), Senate Bill (SB) 535 (de León, Chapter 830, Statutes of 2012), SB 1018 (Budget and Fiscal Review Committee, Chapter 39, Statutes of 2012), SB 862 (Budget and Fiscal Review Committee, Chapter 36, Statutes of 2014), and AB 1550 (Gomez, Chapter 369, Statutes of 2016) provide the general framework for how the auction proceeds will be administered to further the purposes of AB 32.
 - AB 398 (E. Garcia, Chapter 135, Statutes of 2017) prioritized Fire Prevention for expenditures from the Greenhouse Gas Reduction Fund.
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- Continuation of existing Expenditure Record
- This is a new program that does not have an existing Expenditure Record.
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- Project type(s)
- (a) This funding allocation will be used for an educational program to build regional and local fire adaptation and fire resilience. As well as evaluation of program success and potential for expansion throughout California.
 - (b) This funding allocation will be used to facilitate local land use training opportunities to educate, and certify where possible, local land use planning staff on WUI building, planning, development, and mitigation best practices for land use planning issues in the wildland urban interface.
 - (c) This funding allocation will be used to pay for OPR to develop and publish best practices reflected in local planning ordinances and enforcement practices for the wildland urban interface.
 - (d) This funding allocation will be used to educate, encourage, and develop countywide community collaboration and coordination among various wildfire mitigation groups operating within each county containing SRA lands.
 - (e) Identification of evacuation standards and reimbursement to counties for maintenance of evacuation routes during emergencies.
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- Describe the projects and/or measures that will be eligible for funding
- (a) Educational program to build regional and local fire adaptation and fire resilience
 - Education via workshops, classes, one-on-one technical assistance, and planning sessions that address a range of tools to help improve adaptation and resilience (e.g. use of prescribed fire, fuel reduction, home hardening, landscape management, and policy implementation)
 - Development of curricula and materials necessary for educational outreach
 - An evaluation of program success and potential for expansion throughout California

 - (b) Training and education of local land use planners on land use planning issues in the wildland urban interface.
 - Identification of land use planning training
 - Development of training
 - Outreach to encourage local land use planner attendance
 - Evaluation and metrics for number and location of local governments participating, student survey of course value, and report recommendation to CAL FIRE and OPR for further land use training needs.

 - (c) Work completed with this allocation will include research, preparation, and publication of a best practices inventory for planning and enforcement activities in the wildland-urban interface (WUI).

 - (d) Development and reimbursement via block grants for countywide community collaboration and coordination among various wildfire mitigation groups
 - Develop outreach and coordination plan in with applicant counties including the reimbursement process.
 - Develop tools to assist counties in outreach and coordination efforts such as group formation, funding plans, governance structures, and state/regional/local planning efforts
 - Monitor and assist counties with an 18-month implementation
 - Provide comprehensive final report to CAL FIRE summarizing the County Wildfire Outreach and Coordination Plans (and how to cross-walk to CWPP's), key issues, success outcomes, and gaps.
 - Align project and report with other state and local activities/projects related to wildfire mitigation development.
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- (e) Identification of evacuation standards and reimbursement to counties for maintenance of evacuation routes during emergencies.
 - Identify all state and local wildfire emergency evacuation standards or best practices and post/share widely in consultation with applicable state agencies.
 - Outreach and solicitation to counties for application to plan for, develop, construct, maintain, sign, and/or educate community about specific designated evacuation routes.
 - Provide a GIS layer of all routes identified, built, maintained, or signed during the project.
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Intended recipients

- (a) Fire outreach and extension program Recipients:
 - State and Federal Agencies
 - Tribal Entities
 - Local government, Including,
 - Cities
 - Counties
 - Fire Districts
 - Community Service Districts
 - Certified Local Conservation Corps
 - Fire Safe Councils recognized through the California Fire Safe Council
 - Resource Conservation Districts
 - (b) Local Land Use Planning Training will be provided for
 - Any county that chooses to participate, all counties will be eligible.
 - CWPC will develop identified eligible coursework, solicit attendance, and work directly with counties to offer or participate in training.
 - (c) OPR will conduct research activities, prepare a best practices inventory, and publish information online on OPR's website for use by local planners and the general public.
 - (d) Recipients for the Countywide Coordination grants include:
 - Any county that chooses to participate, agrees to the project goals, and contains SRA designated lands.
 - The CA Fire Safe Council for direct programmatic support to meet the objectives of the project. (e)
Recipients for County Evacuation Route Projects include:
 - Any county that chooses to participate and complies with a defined process to develop standards, plans, construction signage, or maintenance of designated evacuation routes for use in wildfire emergencies.
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- Process for selecting projects for funding
- (a) No specific grants or projects funded by this allocation. No sub-awards are anticipated. The UC Cooperative Extension program estimates the funding will provide for 1.5 staff advisor positions. The half-time staff advisor position would be filled by an existing half-time grant funded staff person. There will be a recruitment process for a full-time advisor to work in the immediate Sacramento area to facilitate engagement with the critical public agencies connected with this project. If there is no successful candidate in the Sacramento area, the location will be a county extension office. If the program is expanded, advisors will work in rural and urban communities throughout the state.
 - (b) All counties will be eligible for the land use training. Training.
 - Programmatic development of grant guidelines, course identification, outreach, and, if necessary, attendance certification.
 - Classroom training will be regionally based and will be provided on a first come, first served basis. If demand exceeds supply, additional classes will be offered until funds are exhausted.
 - In addition to classroom training, a Wildland-Urban Interface Fire Safety Building Standards Compliance training document will be published online. This training document will provide training for building officials, builders, fire officials, and planners.
 - (c) OPR was designated by the authorizing legislation (AB 74) to conduct this project. OPR's specified activities are intended to promote adoption of implementation of best practices by local agencies to improve planning and enforcement activities that promote fire prevention and protection in the WUI.
 - (d) Recipients for this grant shall be selected on the following basis:
 - All counties will be eligible for the same amount of funding. Each of the 56 counties will be surveyed to see if they wish to enter into a reimbursement agreement as a sub-awardee.
 - Once identified, participating counties will develop a reimbursement agreement with the California Fire Safe Council (CFSC) and expend funds within the county per their approved Plan.
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- Plans include a flexible local choice for county coordination to be directed to county staff, contracted staff, existing fire preparedness groups, or equivalent as designated by the applicant county.
 - The county shall be responsible for their Plan completion and final approval regardless of who participates in the Plan development.
- (e) All counties will be eligible for the same amount of funding. The CFSC has experience providing technical assistance and support to Fire Safe Councils and other community wildfire preparedness groups. The CFSC will determine recipients based on criteria from their existing Grants Clearinghouse Program and by working closely with local Fire Safe Councils. County recipients for this grant shall be selected based upon:
- Their response to a solicitation for participation.
 - An application designating the eligible work they desire to complete within the granting period.
 - Mutual approval to enter a reimbursement agreement.

Element (2) A description of how a proposed expenditure will further the regulatory purposes of Division 25.5 (commencing with Section 38500) of the Health and Safety Code, including, but not limited to, the limit established under Part 3 (commencing with Section 38550) and other applicable requirements of law.

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| <input type="checkbox"/> How the expenditure is reflected in the Investment Plan and the Scoping Plan | <ul style="list-style-type: none">▪ By creating a fire outreach and extension program, counties will be able to use community input for designing community projects. Establishing and sharing best practices will enable counties to reduce fire hazards. Reducing fire hazards achieves near-term and long term climate benefits, including adapting communities to become low-carbon with resilient ecosystems.▪ These projects are designed to create and/or increase collaboration between counties, fire outreach programs, extension programs, and the University of California. Collaboration will occur while identifying best practices, providing training, and implementing community preparation to prevent fires. Preventing fires lowers GHG, and enhances rural communities. Reimbursing counties for maintenance of evacuation routes provides funding for community-led projects and provides benefits on a community-wide scale to enhance safety and emergency. |
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Element (3) A description of how a proposed expenditure will contribute to achieving and maintaining greenhouse gas emission reductions pursuant to Division 25.5 (commencing with Section 38500) of the Health and Safety Code.

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| <p><input type="checkbox"/> Describe how expenditures will facilitate the achievement of GHG emission reductions in the State</p> | <ul style="list-style-type: none">▪ Fire prevention activities reduce acres burned by wildfire, the number of wildfires started, and the number of structures damaged or destroyed by wildfire. Preventing these losses statewide reduces GHG emissions from wildfire under a business-as-usual scenario, and prevents need for cleanup and rebuilding of communities following structure wildfire events. ▪ Research, preparation, and publication of best practices for the purposes of public education will lead to ensuring that local land use planners and the general public understand the steps they must take to prepare for and prevent wildfires, reducing the occurrence and spread of wildfires. ▪ Planning for ingress and egress provides fire personnel with more opportunities to access the fire perimeter to extinguish fires more quickly, thereby reducing GHG emissions. Creating community fire prevention plans enables communities to be proactive and educate residents. Educating residents helps to prevent large scale fires and limit fire damage. Smaller scale fires reduce carbon emissions during the fire and reduce the carbon impact caused when rebuilding many structures and cleaning up widespread fire damage ▪ Land Use Planning will support local land use planning decisions by ensuring that local general plans have correct and adequate information to mitigate wildfire risk. ▪ Elements of land use planning include promoting orderly growth and development which helps to reduce GHG emissions. Preparing for wildfires lessens the impact of fires to the surrounding communities by planning for and creating fuel breaks and fire attack plans. |
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| <input type="checkbox"/> Explain when GHG emission reductions and/or co-benefits are expected to occur and how they will be maintained | <ul style="list-style-type: none">▪ Local general plans, fire or hazard mitigation plans, community wildfire protection plans, along with implementation of codes and standards and enforcement activities that are consistent with such plans, with ongoing and increasingly-effective emissions reduction benefits over the long-term horizon of 20 years or more as development or programmatic activities occur consistent with adoption and enforcement of such plans, codes, and standards. Benefits will also be maintained through updates to existing plans, codes or standards. |
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Element (4) A description of how the administering agency considered the applicability and feasibility of other non-greenhouse gas reduction objectives of Division 25.5 (commencing with Section 38500) of the Health and Safety Code.

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| <input type="checkbox"/> Expected co-benefits, particularly environmental, economic, public health and safety, and climate resiliency | <ul style="list-style-type: none">▪ These allocations, combined with related activities undertaken by CAL FIRE will increase fire resilience, create healthier landscapes, and improved community protection. Reduced occurrence of wildfire and structure fire and reduced severity of wildfire has environmental, economic, public health and safety, and climate resiliency co-benefits for all communities, including Low Income and Disadvantaged Communities, across the state.▪ These allocations will provide environmental and climate resiliency co-benefits by preparing communities and regions for a future with increasing wildfire severity and number of wildfire events. |
| <input type="checkbox"/> How the project will support other objectives of AB 32 and related amendments | <ul style="list-style-type: none">▪ Fire prevention planning and education supports AB 32 in improving air quality and AB 398 through reduction of black carbon, a short-lived climate pollutant, from wildfire emissions and improved fuels reduction implementation methodology such as biomass disposal rather than pile burning.▪ Fire prevention planning and education support climate adaptation and resiliency by identifying planning solutions to address vulnerable populations, infrastructure and resources and reducing risk. |
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| <p>❑ Percentage of total funding that will be expended for projects that benefit disadvantaged or low-income communities and low-income households per CARB guidance</p> | <ul style="list-style-type: none">▪ The allocation supports statewide research, preparation, and publication of best practices. This is a new program that does not have a target for providing benefits to disadvantaged communities or low-income communities or households. |
| <p>❑ Describe the benefits to disadvantaged or low-income communities and low-income households per CARB guidance</p> | <ul style="list-style-type: none">▪ Hazardous wildfire emissions (i.e. smoke and black carbon) impact disadvantaged communities, low income communities and low-income households far removed from areas actively burning. By reducing and eliminating wildfires through fire adaptation, disadvantaged communities, low income communities and low-income households will see fewer days negatively impacted by hazardous wildfire emissions.▪ Significantly reduces fire risk to households within one or more disadvantaged or low-income communities |
| <p>❑ Explain strategies the administering agency will use to maximize benefits to disadvantaged communities</p> | <ul style="list-style-type: none">▪ CAL FIRE will work with its personnel at all levels of the organization that work to implement the fire prevention programs and services to complete training on inclusion of the new Disadvantaged Community, Low Income Community and Low Income Household priority to the existing programs completing projects for this funding allocation.▪ CAL FIRE will continue to participate in the CCI Outreach Group led by Strategic Growth Council (SGC), utilize outreach methods listed in the upcoming Best Practices manual, and engage in outreach opportunities with SGC wherever possible.▪ CAL FIRE will share maps identifying disadvantaged communities, low income communities and low income households and the method identified by CARB to ensure that investments provide benefits to those communities at workshops and outreach events funded through this allocation.▪ All counties will be eligible for the same amount of funding. Metrics will be used for outreach and to engage underserved communities. Metrics will also be used to specifically target disadvantaged and low-income communities. Specific efforts to reach out to disadvantaged and low-income communities will ensure an equal amount of funding. |
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Element (5) A description of how the administering agency will document the result achieved from the expenditure to comply with Division 25.5 (commencing with Section 35800) of the Health and Safety Code.

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| <p><input type="checkbox"/> How the administering agency will track / report progress to make sure projects are implemented per requirements in statute and CARB guidance</p> | <ul style="list-style-type: none">▪ Agencies will enter into an Interagency Agreement/Grants with CAL FIRE. Under this agreement, agencies will coordinate regularly and report to CAL FIRE on status of implementation work completed with funding from this allocation. |
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| <p><input type="checkbox"/> Describe the approach that will be used to document GHG emission reductions and/or other benefits before and after project completion. Include citations for references that support methodology</p> | <ul style="list-style-type: none">▪ CAL FIRE and project proponents will calculate the net GHG reductions and other benefits from the projects described here using methods approved by CARB for at the time these projects are awarded (see CARB CCI Quantification) |
| <hr/> | |
| <p><input type="checkbox"/> Type of information that will be collected to document results, consistent with CARB guidance</p> | <ul style="list-style-type: none">(a) Metrics for the fire outreach and extension program include:<ul style="list-style-type: none">○ Public contacts (hours)○ Number of workshops/webinars held and location○ Number of participants at workshops/webinars(b) Wildfire Land Use Planning Training<ul style="list-style-type: none">➤ Identify number of classes, summary content, and location of available land use training and education opportunities within CA in the eligibility period.➤ Count number of land use planner certificates of attendance and hours trained.➤ Survey of attendees to measure course value(c) OPR Planning and Enforcement<ul style="list-style-type: none">○ Local safety elements, codes/ordinances○ Public contacts (hours)○ Number of workshops/webinars held and location○ Number of participants at workshops/webinars○ Website: pages created and number of hits |
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(d) Metrics for wildfire preparedness Countywide

Coordination impact include:

- Number of counties participating in active coordination
- Number of individual county contacts engaged with during the project by county coordinator
- Completed grants, tasks, meetings, and plans created during the project time by the coordinator
- Workshop and meeting hours at local and state level attended by county coordinators
- Identification, count, and summary actions of local groups identified during the project within each county
- Survey report detailing the known groups, grants, processes within each county at the outset of the project and its conclusion and the new collaborations gained.

(e) Metrics for the evacuation planning and development grants include:

- Number of evacuation route best practices and standards identified around the state
 - Number of county standards drafted and adopted
 - Identification of evacuation routes designated in plans
 - Number of evacuation routes signed.
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How the administering agency will report on program status

- Agencies will report project metrics including expenditures, status of projects, project benefits, and other required fields in reports prepared through CCIRTS bi-annually or as required by CARB.
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