

**FEDERAL FINANCIAL ASSISTANCE
AWARD OF DOMESTIC GRANT 18-DG-11051900-022
Between The
COUNTY OF EL DORADO
And The
USDA, FOREST SERVICE
LAKE TAHOE BASIN MANAGEMENT UNIT**

Project Title: Country Club Heights Erosion Control Project

Upon execution of this document, an award to the County of El Dorado, hereinafter referred to as "El Dorado County," in the amount of **\$125,000**, is made under the authority of the Lake Tahoe Restoration Act, Public Law 106-506, as amended, P.L. 108-108, Section 337. The Catalog of Federal Domestic Assistance (CFDA) number and name are 10.690 Lake Tahoe Erosion Control Program. El Dorado County accepts this award for the purpose described in the application narrative. Your application for Federal financial assistance, dated June 8, 2018 (Attachment C, SF-424), application narrative, and the attached Forest Service provisions, 'Forest Service Award Provisions,' are incorporated into this letter and made a part of this award.

This authority requires a match of 1:1, which your organization has agreed to meet, as shown in the attached application, financial plan and narrative.

This is an award of Federal financial assistance. Prime and sub-recipients to this award are subject to the OMB guidance in subparts A through F of 2 CFR Part 200 as adopted and supplemented by the USDA in 2 CFR Part 400. Adoption by USDA of the OMB guidance in 2 CFR 400 gives regulatory effect to the OMB guidance in 2 CFR 200 where full text may be found.

Electronic copies of the CFRs can be obtained at the following internet site: www.ecfr.gov. If you are unable to retrieve these regulations electronically, please contact your Grants and Agreements Office at 530-543-2783.

The following administrative provisions apply to this award:

- A. **LEGAL AUTHORITY**. El Dorado County shall have the legal authority to enter into this award, and the institutional, managerial, and financial capability to ensure proper planning, management, and completion of the project, which includes funds sufficient to pay the non-Federal share of project costs, when applicable.
- B. **PRINCIPAL CONTACTS**. Individuals listed below are authorized to act in their respective areas for matters related to this award.

Principal Cooperator Contacts:

Cooperator Program Contact	Cooperator Administrative Contact
Daniel Kikkert Senior Civil Engineer 924B Emerald Bay Rd South Lake Tahoe, CA 96150 Telephone: 530-573-7914 FAX: 530-541-7049 Email: dan.kikkert@edcgov.us	John Kahling Administrative Contact 2441 Headington Road Placerville, CA 95667 Telephone: 530-642-4974 FAX: 530-541-7049 Email: john.kahling@edcgov.us

Principal Forest Service Contacts:

Forest Service Program Manager Contact	Forest Service Administrative Contact
Theresa Cody Grants Manager / Hydrologist 35 College Drive South Lake Tahoe, CA 96150 Telephone: 530-543-2788 FAX: 530-543-2693 Email: tlcody@fs.fed.us	Genevieve Villemaire Grants Management Specialist 35 College Drive South Lake Tahoe, CA 96150 Telephone: 530-543-2783 FAX: 530-543-2693 Email: gvillemaire@fs.fed.us

- C. **SYSTEM FOR AWARD MANAGEMENT REGISTRATION REQUIREMENT (SAM).** El Dorado County shall maintain current information in the System for Award Management (SAM) until receipt of final payment. This requires review and update to the information at least annually after the initial registration, and more frequently if required by changes in information or award term(s). For purposes of this award, System for Award Management (SAM) means the Federal repository into which an entity must provide information required for the conduct of business as a Cooperative. Additional information about registration procedures may be found at the SAM Internet site at www.sam.gov.
- D. **LIMITATION OF FUNDS.** Forest Service funds in the amount of \$ 125,000 are currently available for performance of this award through 12/31/2019. The Forest Service's ability to provide additional funding is contingent upon the availability of appropriated funds from which payment can be made. There is no legal liability on the part of the Forest Service for any payment above this amount until El Dorado County receives notice of availability confirmed in a written modification by the Forest Service.
- E. **ADVANCE AND REIMBURSABLE PAYMENTS – FINANCIAL ASSISTANCE.** Advance and reimbursable payments are approved under this award. Only costs for those project activities approved in (1) the initial award, or (2) modifications thereto, are allowable. Requests for payment must be submitted on Standard Form 270 (SF-

270), Request for Advance or Reimbursement, and must be submitted no more than monthly. In order to approve a Request for Advance Payment or Reimbursement, the Forest Service shall review such requests to ensure advances or payments for reimbursement are in compliance and otherwise consistent with OMB, USDA, and Forest Service regulations.

Advance payments must not exceed the minimum amount needed or no more than is needed for a 30-day period, whichever is less. If the Recipient receives an advance payment and subsequently requests an advance or reimbursement payment, then the request must clearly demonstrate that the previously advanced funds have been fully expended before the Forest Service can approve the request for payment. Any funds advanced, but not spent, upon expiration of this award must be returned to the Forest Service.

The Program Manager reserves the right to request additional information prior to approving a payment.

The invoice must be sent by one of three methods:	Send a copy to:
EMAIL (preferred): asc_ga@fs.fed.us	Theresa Cody
FAX: 877-687-4894	35 College Drive
POSTAL: Albuquerque Service Center	South Lake Tahoe, CA 96150
Payments – Grants & Agreements	Telephone: 530-543-2788
101B Sun Ave NE	FAX: 530-543-2693
Albuquerque, NM 87109	Email: tlcody@fs.fed.us

- F. **INDIRECT COST RATES.** The approved indirect cost rate at the time of execution is **93.97%** as shown in the NICRA provided by the Cooperator.

Indirect cost rates must be formalized in a written agreement between the cognizant agency and Recipient. Requirements are set forth in appendices to 2 CFR 200.

(1) If El Dorado County does not have a previously established indirect cost rate with a Federal agency, El Dorado County shall follow the requirements and timeframes unique to their organization found in the appendices to 2 CFR 200. El Dorado County will be reimbursed for indirect costs at the tentative rate reflected in the budget until the rate is formalized in a negotiated indirect cost rate agreement (NICRA) at which time, reimbursements for prior indirect costs may be subject to adjustment.

(2) As new NICRAs are agreed to between El Dorado County and their cognizant audit agency, the revised provisional or final rate(s) are automatically incorporated into this award, as appropriate, and must specify (1) the agreed upon rates, (2) the bases to which the rates apply, (3) the fiscal year for which the rates apply, and (4) the items treated as direct costs. The award obligation will not increase as a result of

indirect cost rate increases. Updates to NICRAs will not affect the total funds available for this award unless documented in a formally executed modification.

(3) If the NICRA is for a provisional rate, El Dorado County shall be reimbursed at the established provisional rate(s), subject to appropriate adjustment when the final rate(s) for the fiscal year are established.

(4) Failure to provide a revised provisional or final NICRA could result in disallowed costs and repayment to the Forest Service.

G. PRIOR WRITTEN APPROVAL. El Dorado County shall obtain prior written approval pursuant to conditions set forth in 2 CFR 200.407.

H. MODIFICATIONS. Modifications within the scope of this award must be made by mutual consent of the parties, by the issuance of a written modification signed and dated by all properly authorized signatory officials, prior to any changes being performed. Requests for modification should be made, in writing, at least 30 days prior to implementation of the requested change. The Forest Service is not obligated to fund any changes not properly approved in advance.

I. PERIOD OF PERFORMANCE. This agreement is executed as of the date of the Forest Service signatory official signature.
The start date of this award is the date of the Forest Service signatory official signature.
The end date, or expiration date is **12/31/2019**. This instrument may be extended by a properly executed modification. *See Modification Provision above.*

J. AUTHORIZED REPRESENTATIVES. By signature below, each party certifies that the individuals listed in this document as representatives of the individual parties are authorized to act in their respective areas for matters related to this award. In witness whereof the parties hereto have executed this award as of the last date written below.

RAFAEL MARTINEZ, Director Date
El Dorado County Department of Transportation

JEFF MARSOLAIS, Forest Supervisor Date
U.S. Forest Service,
Lake Tahoe Basin Management Unit

The authority and the format of this award have been reviewed and approved for
signature.


GENEVIEVE VILLEMAIRE


Date

Forest Service Grants Management Specialist

ATTACHMENT A: FOREST SERVICE AWARD PROVISIONS

- A. COLLABORATIVE ARRANGEMENTS. Where permitted by terms of the award and Federal law, El Dorado County may enter into collaborative arrangements with other organizations to jointly carry out activities with Forest Service funds available under this award.
- B. FOREST SERVICE LIABILITY TO THE RECIPIENT. The United States shall not be liable to El Dorado County for any costs, damages, claims, liabilities, and judgments that arise in connection with the performance of work under this award, including damage to any property owned by El Dorado County or any third party.
- C. NOTICES. Any notice given by the Forest Service or El Dorado County will be sufficient only if in writing and delivered in person, mailed, or transmitted electronically by e-mail or fax, as follows:

To the Forest Service Program Manager, at the address specified in the award.

To El Dorado County, at the address shown in the award or such other address designated within the award.

Notices will be effective when delivered in accordance with this provision, or on the effective date of the notice, whichever is later.

- D. SUBAWARDS. El Dorado County shall notify Subrecipients under this award that they are subject to the OMB guidance in subparts A through F of 2 CFR Part 200, as adopted and supplemented by the USDA in 2 CFR Part 400. Any sub-award must follow the regulations found in 2 CFR 200.330 through .332.
- E. USE OF FOREST SERVICE INSIGNIA. In order for El Dorado County to use the Forest Service insignia on any published media, such as a Web page, printed publication, or audiovisual production, permission must be granted by the Forest Service's Office of Communications (Washington Office). A written request will be submitted by Forest Service, Program Manager, to the Office of Communications Assistant Director, Visual Information and Publishing Services prior to use of the insignia. The Forest Service Program Manager will notify El Dorado County when permission is granted.
- F. MEMBERS OF CONGRESS. Pursuant to 41 U.S.C. 22, no member of, or delegate to, Congress shall be admitted to any share or part of this award, or benefits that may arise therefrom, either directly or indirectly.
- G. TRAFFICKING IN PERSONS.
1. Provisions applicable to a Recipient that is a private entity.
 - a. You as the Recipient, your employees, Subrecipients under this award, and

Subrecipients' employees may not:

- (1) Engage in severe forms of trafficking in persons during the period of time that the award is in effect;
- (2) Procure a commercial sex act during the period of time that the award is in effect; or
- (3) Use forced labor in the performance of the award or subawards under the award.

b. We as the Federal awarding agency may unilaterally terminate this award, without penalty, if you or a Subrecipient that is a private entity:

- (1) Is determined to have violated a prohibition in paragraph a.1 of this award term; or
- (2) Has an employee who is determined by the agency official authorized to terminate the award to have violated a prohibition in paragraph a.1 of this award term through conduct that is either:
 - i. Associated with performance under this award; or
 - ii. Imputed to you or the subrecipient using the standards and due process for imputing the conduct of an individual to an organization that are provided in 2 CFR part 180, "OMB Guidelines to Agencies on Government wide Debarment and Suspension (Nonprocurement),".

2. Provision applicable to a Recipient other than a private entity. We as the Federal awarding agency may unilaterally terminate this award, without penalty, if a subrecipient that is a private entity:

- a. Is determined to have violated an applicable prohibition in paragraph a.1 of this award term; or
- b. Has an employee who is determined by the agency official authorized to terminate the award to have violated an applicable prohibition in paragraph a.1 of this award term through conduct that is either—
 - (1) Associated with performance under this award; or
 - (2) Imputed to the subrecipient using the standards and due process for imputing the conduct of an individual to an organization that are provided in 2 CFR part 180, "OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement),"

3. Provisions applicable to any recipient.

- a. You must inform us immediately of any information you receive from any source alleging a violation of a prohibition in paragraph a.1 of this award term.
- b. Our right to terminate unilaterally that is described in paragraph a.2 or b of this section:
 - (1) Implements section 106(g) of the Trafficking Victims Protection Act of 2000 (TVPA), as amended (22 U.S.C. 7104(g)), and
 - (2) Is in addition to all other remedies for noncompliance that are available to us under this award.
- c. You must include the requirements of paragraph a.1 of this award term in any

subaward you make to a private entity.

4. Definitions. For purposes of this award term:
 - a. "Employee" means either:
 - (1) An individual employed by you or a subrecipient who is engaged in the performance of the project or program under this award; or
 - (2) Another person engaged in the performance of the project or program under this award and not compensated by you including, but not limited to, a volunteer or individual whose services are contributed by a third party as an in-kind contribution toward cost sharing or matching requirements.
 - b. "Forced labor" means labor obtained by any of the following methods: the recruitment, harboring, transportation, provision, or obtaining of a person for labor or services, through the use of force, fraud, or coercion for the purpose of subjection to involuntary servitude, peonage, debt bondage, or slavery.
 - c. "Private entity":
 - (1) Means any entity other than a State, local government, Indian tribe, or foreign public entity, as those terms are defined in 2 CFR 175.25.
 - (2) Includes:
 - i. A nonprofit organization, including any nonprofit institution of higher education, hospital, or tribal organization other than one included in the definition of Indian tribe at 2 CFR 175.25(b).
 - ii. A for-profit organization.
 - d. "Severe forms of trafficking in persons," "commercial sex act," and "coercion" have the meanings given at section 103 of the TVPA, as amended (22 U.S.C. 7102).

H. DRUG-FREE WORKPLACE.

1. El Dorado County agree(s) that it will publish a drug-free workplace statement and provide a copy to each employee who will be engaged in the performance of any project/program that receives federal funding. The statement must
 - a. Tell the employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in its workplace;
 - b. Specify the actions El Dorado County will take against employees for violating that prohibition; and
 - c. Let each employee know that, as a condition of employment under any award, the employee:
 - (1) Shall abide by the terms of the statement, and
 - (2) Shall notify El Dorado County in writing if they are convicted for a violation of a criminal drug statute occurring in the workplace, and shall do so no more than 5 calendar days after the conviction.
2. El Dorado County agree(s) that it will establish an ongoing drug-free awareness program to inform employees about
 - a. The dangers of drug abuse in the workplace;

- b. The established policy of maintaining a drug-free workplace;
 - c. Any available drug counseling, rehabilitation and employee assistance programs; and
 - d. The penalties that you may impose upon them for drug abuse violations occurring in the workplace.
3. Without the Program Manager's expressed written approval, the policy statement and program must be in place as soon as possible, no later than the 30 days after the effective date of this instrument, or the completion date of this award, whichever occurs first.
 4. El Dorado County agrees to immediately notify the Program Manager if an employee is convicted of a drug violation in the workplace. The notification must be in writing, identify the employee's position title, the award number of each award on which the employee worked. The notification must be sent to the Program Manager within 10 calendar days after El Dorado County learns of the conviction.
 5. Within 30 calendar days of learning about an employee's conviction, El Dorado County must either
 - a. Take appropriate personnel action against the employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973 (29 USC 794), as amended, or
 - b. Require the employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for these purposes by a Federal, State or local health, law enforcement, or other appropriate agency.

I. PROHIBITION AGAINST USING FUNDS WITH ENTITIES THAT REQUIRE CERTAIN INTERNAL CONFIDENTIALITY AGREEMENTS.

1. The recipient may not require its employees, contractors, or subrecipients seeking to report fraud, waste, or abuse to sign or comply with internal confidentiality agreements or statements prohibiting or otherwise restricting them from lawfully reporting that waste, fraud, or abuse to a designated investigative or law enforcement representative of a Federal department or agency authorized to receive such information.
2. The recipient must notify its employees, contractors, or subrecipients that the prohibitions and restrictions of any internal confidentiality agreements inconsistent with paragraph (1) of this award provision are no longer in effect.
3. The prohibition in paragraph (1) of this award provision does not contravene requirements applicable to any other form issued by a Federal department or agency governing the nondisclosure of classified information.
4. If the Government determines that the recipient is not in compliance with this award provision, it;

- a. Will prohibit the recipient's use of funds under this award in accordance with sections 743, 744 of Division E of the Consolidated Appropriations Act, 2016, (Pub. L. 114-113) or any successor provision of law; and
 - b. May pursue other remedies available for the recipient's material failure to comply with award terms and conditions.

- J. ELIGIBLE WORKERS. El Dorado County shall ensure that all employees complete the I-9 form to certify that they are eligible for lawful employment under the Immigration and Nationality Act (8 USC 1324a). El Dorado County shall comply with regulations regarding certification and retention of the completed forms. These requirements also apply to any contract or supplemental instruments awarded under this award.

- K. FINANCIAL STATUS REPORTING. A Federal Financial Report, Standard Form SF-425 (and Federal Financial Report Attachment, SF-425A, if required for reporting multiple awards), must be submitted semi-annually. These reports are due 30 days after the reporting period ending June 30 and December 31. The final SF-425 (and SF-425A, if applicable) must be submitted either with the final payment request or no later than 90 days from the expiration date of the award. These forms may be found at www.whitehouse.gov/omb/grants_forms.

- L. PROGRAM PERFORMANCE REPORTS. The recipient shall perform all actions identified and funded in application/modification narratives within the performance period identified in award.

In accordance with 2 CFR 200 301, reports must relate financial data to performance accomplishments of the federal award.

El Dorado County shall submit semi-annual performance reports. These reports are due 30 days after the reporting period. The final performance report shall be submitted either with El Dorado County's final payment request, or separately, but not later than 90 days from the expiration date of the award.

- M. NOTIFICATION. El Dorado County shall immediately notify the Forest Service of developments that have a significant impact on the activities supported under this award. Also, notification must be given in case of problems, delays or adverse conditions that materially impair the ability to meet the objectives of the award. This notification must include a statement of the action taken or contemplated, and any assistance needed to resolve the situation.

- N. CHANGES IN KEY POSITIONS AND PERSONNEL RESEARCH AWARDS. Any revision to key positions and personnel identified in the application for this award require prior, written approval from the Forest Service Program Manager. All technical positions are considered Key Personnel by the Forest Service. Failure on the part of El

Dorado County to obtain prior, written approval when required may result in the disallowance of costs.

- O. FREEDOM OF INFORMATION ACT (FOIA). Public access to award or agreement records must not be limited, except when such records must be kept confidential and would have been exempted from disclosure pursuant to Freedom of Information regulations (5 U.S.C. 552). Requests for research data are subject to 2 CFR 315(e).

Public access to culturally sensitive data and information of Federally-recognized Tribes may also be explicitly limited by P.L. 110-234, Title VIII Subtitle B §8106 (2009 Farm Bill).

- P. TEXT MESSAGING WHILE DRIVING. In accordance with Executive Order (EO) 13513, "Federal Leadership on Reducing Text Messaging While Driving," any and all text messaging by Federal employees is banned: a) while driving a Government owned vehicle (GOV) or driving a privately owned vehicle (POV) while on official Government business; or b) using any electronic equipment supplied by the Government when driving any vehicle at any time. All Cooperatives, their Employees, Volunteers, and Contractors are encouraged to adopt and enforce policies that ban text messaging when driving company owned, leased or rented vehicles, POVs or GOVs when driving while on official Government business or when performing any work for or on behalf of the Government.

- Q. PUBLIC NOTICES. It is Forest Service's policy to inform the public as fully as possible of its programs and activities. El Dorado County is encouraged to give public notice of the receipt of this award and, from time to time, to announce progress and accomplishments.

El Dorado County may call on Forest Service's Office of Communication for advice regarding public notices. El Dorado County is requested to provide copies of notices or announcements to the Forest Service Program Manager and to Forest Service's Office Communications as far in advance of release as possible.

- R. FUNDING EQUIPMENT. Federal funding under this award is not available for reimbursement of El Dorado County's purchase of equipment. Equipment is defined as having a fair market value of \$5,000 or more per unit and a useful life of over one year. Supplies are those items that are not equipment.

- S. FOREST SERVICE ACKNOWLEDGED IN PUBLICATIONS, AUDIOVISUALS, AND ELECTRONIC MEDIA. El Dorado County shall acknowledge Forest Service support in any publications, audiovisuals, and electronic media developed as a result of this award. Follow direction in USDA Supplemental 2 CFR 415.2.

- T. COPYRIGHTING. El Dorado County is/are granted sole and exclusive right to copyright any publications developed as a result of this award. This includes the right

to publish and vend throughout the world in any language and in all media and forms, in whole or in part, for the full term of copyright and all renewals thereof in accordance with this award.

No original text or graphics produced and submitted by the Forest Service shall be copyrighted. The Forest Service reserves a royalty-free, nonexclusive, and irrevocable right to reproduce, publish, or otherwise use, and to authorize others to use the work for federal government purposes. This right shall be transferred to any sub-awards, sub-awards or subcontracts.

This provision includes:

- The copyright in any work developed by El Dorado County under this award.
- Any right of copyright to which El Dorado County purchase(s) ownership with any federal contributions.

- U. NONDISCRIMINATION STATEMENT – PRINTED, ELECTRONIC, OR AUDIOVISUAL MATERIAL. El Dorado County shall include the following statement, in full, in any printed, audiovisual material, or electronic media for public distribution developed or printed with any Federal funding.

In accordance with Federal law and U.S. Department of Agriculture policy, this institution is prohibited from discriminating on the basis of race, color, national origin, sex, age, or disability. (Not all prohibited bases apply to all programs.)

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 1400 Independence Avenue, SW, Washington, DC 20250-9410 or call (202) 720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

If the material is too small to permit the full statement to be included, the material must, at minimum, include the following statement, in print size no smaller than the text:

“This institution is an equal opportunity provider.”

- V. AWARD CLOSEOUT. The Recipient must submit, no later than 90 calendar days after the end date of the period of performance, all financial, performance, and other reports as required by the terms and conditions of the Federal award.

Any unobligated balance of cash advanced to El Dorado County must be immediately refunded to the Forest Service, including any interest earned in accordance with 2 CFR 200.343(d).

If this award is closed without audit, the Forest Service reserves the right to disallow and recover an appropriate amount after fully considering any recommended disallowances resulting from an audit which may be conducted later.

- W. TERMINATION. This award may be terminated, in whole or part pursuant to 2 CFR 200.339.
- X. DISPUTES.
1. Any dispute under this award shall be decided by the Signing Official . The Signing Official shall furnish El Dorado County a written copy of the decision.
 2. Decisions of the Signing Official shall be final unless, within 30 days of receipt of the decision of the Signing Official , El Dorado County appeal(s) the decision to the Forest Service's Director, Acquisition Management (AQM). Any appeal made under this provision shall be in writing and addressed to the Director, AQM, USDA, Forest Service, Washington, DC 20024. A copy of the appeal shall be concurrently furnished to the Signing Official .
 3. In order to facilitate review on the record by the Director, AQM, El Dorado County shall be given an opportunity to submit written evidence in support of its appeal. No hearing will be provided.
 4. A decision under this provision by the Director, AQM is final.
 5. The final decision by the Director, AQM does not preclude El Dorado County from pursuing remedies available under the law.
- Y. DEBARMENT AND SUSPENSION. El Dorado County shall immediately inform the Forest Service if they or any of their principals are presently excluded, debarred, or suspended from entering into covered transactions with the federal government according to the terms of 2 CFR Part 180. Additionally, should El Dorado County or any of their principals receive a transmittal letter or other official federal notice of debarment or suspension, then they shall notify the Forest Service without undue delay. This applies whether the exclusion, debarment, or suspension is voluntary or involuntary. The Recipient shall adhere to 2 CFR Part 180 Subpart C in regards to review of sub-recipients or contracts for debarment and suspension.
- All subrecipients and contractors must complete the form AD-1048, Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion, Lower Tier Covered Transactions. Blank forms are available electronically. Completed forms must be kept on file with the primary recipient.
- Z. INTERNATIONAL TRAVEL. When Forest Service funds are used, and no Federal, statutory exceptions apply, El Dorado County shall ensure that any air transportation of passengers and property is provided by a carrier holding a United States government issued certificate in compliance with the International Air Transportation Fair Competitive Practices Act of 1974, 49 U.S.C. 40118 (Fly American Act).

ATTACHMENT B: 2 CFR PART 170

Appendix A to Part 170—Award Term

I. Reporting Subawards and Executive Compensation.

a. Reporting of first-tier subawards.

1. *Applicability.* Unless you are exempt as provided in paragraph d. of this award term, you must report each action that obligates \$25,000 or more in Federal funds that does not include Recovery funds (as defined in section 1512(a)(2) of the American Recovery and Reinvestment Act of 2009, Pub. L. 111–5) for a subaward to an entity (see definitions in paragraph e. of this award term).
2. *Where and when to report.*
 - i. You must report each obligating action described in paragraph a.1. of this award term to <http://www.fsrs.gov>.
 - ii. For subaward information, report no later than the end of the month following the month in which the obligation was made. (For example, if the obligation was made on November 7, 2010, the obligation must be reported by no later than December 31, 2010.)
3. *What to report.* You must report the information about each obligating action that the submission instructions posted at <http://www.fsrs.gov> specify.

b. Reporting Total Compensation of Recipient Executives.

1. *Applicability and what to report.* You must report total compensation for each of your five most highly compensated executives for the preceding completed fiscal year, if—
 - i. the total Federal funding authorized to date under this award is \$25,000 or more;
 - ii. in the preceding fiscal year, you received—
 - (A) 80 percent or more of your annual gross revenues from Federal procurement contracts (and subcontracts) and Federal financial assistance subject to the Transparency Act, as defined at 2 CFR 170.320 (and subawards); and
 - (B) \$25,000,000 or more in annual gross revenues from Federal procurement contracts (and subcontracts) and Federal financial assistance subject to the Transparency Act, as defined at 2 CFR 170.320 (and subawards); and
 - iii. The public does not have access to information about the compensation of the executives through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986. (To determine if the public has access to the compensation information, see the U.S. Security and Exchange Commission total compensation filings at <http://www.sec.gov/answers/execomp.htm>.)
2. *Where and when to report.* You must report executive total compensation described in paragraph b.1. of this award term:
 - i. As part of your registration profile at <http://www.sam.gov>.
 - ii. By the end of the month following the month in which this award is made, and annually thereafter.

c. *Reporting of Total Compensation of Subrecipient Executives.*

1. *Applicability and what to report.* Unless you are exempt as provided in paragraph d. of this award term, for each first-tier subrecipient under this award, you shall report the names and total compensation of each of the subrecipient's five most highly compensated executives for the subrecipient's preceding completed fiscal year, if—

- i. in the subrecipient's preceding fiscal year, the subrecipient received—
 - (A) 80 percent or more of its annual gross revenues from Federal procurement contracts (and subcontracts) and Federal financial assistance subject to the Transparency Act, as defined at 2 CFR 170.320 (and subawards); and
 - (B) \$25,000,000 or more in annual gross revenues from Federal procurement contracts (and subcontracts), and Federal financial assistance subject to the Transparency Act (and subawards); and
- ii. The public does not have access to information about the compensation of the executives through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986. (To determine if the public has access to the compensation information, see the U.S. Security and Exchange Commission total compensation filings at <http://www.sec.gov/answers/execomp.htm>.)

2. *Where and when to report.* You must report subrecipient executive total compensation described in paragraph c.1. of this award term:

- i. To the recipient.
- ii. By the end of the month following the month during which you make the subaward. For example, if a subaward is obligated on any date during the month of October of a given year (*i.e.*, between October 1 and 31), you must report any required compensation information of the subrecipient by November 30 of that year.

d. *Exemptions* If, in the previous tax year, you had gross income, from all sources, under \$300,000, you are exempt from the requirements to report:

1. Subawards, and
2. The total compensation of the five most highly compensated executives of any subrecipient.

e. *Definitions.* For purposes of this award term:

1. *Entity* means all of the following, as defined in 2 CFR part 25:

- i. A Governmental organization, which is a State, local government, or Indian tribe;
- ii. A foreign public entity;
- iii. A domestic or foreign nonprofit organization;
- iv. A domestic or foreign for-profit organization;
- v. A Federal agency, but only as a subrecipient under an award or subaward to a non-Federal entity.

2. *Executive* means officers, managing partners, or any other employees in management positions.

3. *Subaward:*

- i. This term means a legal agreement to provide support for the performance of any portion of the substantive project or program for which you received this award and that you as the recipient award to an eligible subrecipient.
 - ii. The term does not include your procurement of property and services needed to carry out the project or program (for further explanation, see Sec. II .210 of the attachment to OMB Circular A-133, “Audits of States, Local Governments, and Non-Profit Organizations”).
 - iii. A subaward may be provided through any legal agreement, including an agreement that you or a subrecipient considers a contract.
4. *Subrecipient* means an entity that:
- i. Receives a subaward from you (the recipient) under this award; and
 - ii. Is accountable to you for the use of the Federal funds provided by the subaward.
5. *Total compensation* means the cash and noncash dollar value earned by the executive during the recipient’s or subrecipient’s preceding fiscal year and includes the following (for more information see 17 CFR 229.402(c)(2)):
- i. *Salary and bonus.*
 - ii. *Awards of stock, stock options, and stock appreciation rights.* Use the dollar amount recognized for financial statement reporting purposes with respect to the fiscal year in accordance with the Statement of Financial Accounting Standards No. 123 (Revised 2004) (FAS 123R), Shared Based Payments.
 - iii. *Earnings for services under non-equity incentive plans.* This does not include group life, health, hospitalization or medical reimbursement plans that do not discriminate in favor of executives, and are available generally to all salaried employees.
 - iv. *Change in pension value.* This is the change in present value of defined benefit and actuarial pension plans.
 - v. *Above-market earnings on deferred compensation which is not tax-qualified.* vi. Other compensation, if the aggregate value of all such other compensation (e.g. severance, termination payments, value of life insurance paid on behalf of the employee, perquisites or property) for the executive exceeds \$10,000.

END OF ATTACHMENT B: 2 CFR PART 170

Attachment C

OMB Approval No.: 0348-0041

BUDGET INFORMATION - Construction Programs

NOTE: Certain Federal assistance programs require additional computations to arrive at the Federal share of project costs eligible for participations. If such is the case you will be notified.

COST CLASSIFICATION	a. Total Cost	b. Costs Not Allowable for Participation	c. Total Allowable Costs (Column a-b)
1. Administrative and legal expenses	\$.00	\$.00	\$.00
2. Land, structures, rights-of-way, appraisals, etc.	\$.00	\$.00	\$.00
3. Relocation expenses and payments	\$.00	\$.00	\$.00
4. Architectural and engineering fees	\$.00	\$.00	\$.00
5. Other architectural and engineering fees	\$.00	\$.00	\$.00
6. Project inspection fees	\$.00	\$.00	\$.00
7. Site work	\$.00	\$.00	\$.00
8. Demolition and removal	\$.00	\$.00	\$.00
9. Construction	\$.00	\$.00	\$.00
10. Equipment	\$.00	\$.00	\$.00
11. Miscellaneous	\$.00	\$.00	\$.00
12. SUBTOTAL (sum of lines 1-11)	\$.00	\$.00	\$.00
13. Contingencies	\$.00	\$.00	\$.00
14. SUBTOTAL	\$.00	\$.00	\$.00
15. Project (program) income	\$.00	\$.00	\$.00
16. TOTAL PROJECT COSTS (subtract #15 from #14)	\$.00	\$.00	\$.00
FEDERAL FUNDING			
17. Federal assistance requested, calculates as follows: (Consult Federal agency for Federal percentage share). Enter the resulting Federal share.	Enter eligible costs from line 16c. Multiply X _____		\$.00

Estimated Federal Share

Date: 5-Jul-18
 Project: Country Club Heights Erosion Control Project

Table 1

BUDGET CLASSIFICATION	BUDGET CATEGORY			
	Labor	Contractor	Supplies	Total
Design and Administration - Planning	\$75,050	\$50,000	\$0	\$125,050
TOTALS	\$75,049.75	\$50,000.00	\$0.00	\$125,049.75

Table 2

Budget breakdown for 424C	
	USFS Round 12
a. Personnel	\$38,691
e. Supplies	\$0
f. Contractual	\$50,000
h. Other	
j. Indirect Charges	\$36,358
k. TOTALS	\$125,049.75

**Country Club Heights Erosion Control Project
Jul-18**

EDOT Resource Breakdown Summary Table 3								
Category/Task	Resource Name	Actual 2017/2018 Rates			Total			
		Hourly Rate: Personnel	Indirect Rate	Billing Rate	Estimated Hours	Total Personnel	Total Indirect	Total Cost
Construction Engineering & Administration								
	Senior Civil Engineer	97.70	91.81	189.51	80.00	7,816.00	7,344.70	15,160.70
	Assistant in Land Surveying	72.84	68.45	141.29	80.00	5,827.20	5,475.82	11,303.02
	Assistant in Civil Engineering	64.30	60.42	124.72	80.00	5,144.00	4,833.82	9,977.82
	Senior CADD Technician	70.01	65.79	135.80	80.00	5,600.80	5,263.07	10,863.87
	Administrative Secretary	42.37	39.82	82.19	24.00	1,016.88	955.56	1,972.44
	Department Analyst I	66.48	62.47	128.95	6.00	398.88	374.83	773.71
					Subtotal Costs	25,803.76	24,247.79	50,051.55
Monitoring								
	Senior Civil Engineer	97.70	91.81	189.51	30.00	2,931.00	2,754.26	5,685.26
	Assistant in Civil Engineering	64.30	60.42	124.72	80.00	5,144.00	4,833.82	9,977.82
	Senior CADD Technician	70.01	65.79	135.80	16.00	1,120.16	1,052.61	2,172.77
	Sr. Engineering Technician	60.31	56.67	116.98	40.00	2,412.40	2,266.93	4,679.33
	Sr. Planner	62.13	58.38	120.51	6.00	372.78	350.30	723.08
	Administrative Secretary	42.37	39.82	82.19	12.00	508.44	477.78	986.22
	Department Analyst I	66.48	62.47	128.95	6.00	398.88	374.83	773.71
					Subtotal Costs	12,887.66	12,110.53	24,998.19
TOTAL						38,691.42	36,358.33	75,049.75

**Match Documentation Spreadsheet for SNPLMA Award
Erosion Control Projects**

USFS SNPLMA Round 12/13 Funding Request	EIP NO.	Project Name	Match Source	Match Award Amount
\$125,000.00	01.01.01.0021	County Club Heights Erosion Control Project (CIP No. 95191)		
		California Tahoe Conservancy (CTC) Grant	CTA-17019L	\$125,000.00
\$125,000.00				\$125,000.00

Notes:

ASSURANCES - CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0042), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the Awarding Agency. Further, certain Federal assistance awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title, or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal interest in the title of real property in accordance with awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure non-discrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progress reports and such other information as may be required by the assistance awarding agency or State.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
8. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statutes relating to non-discrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681 1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.

11. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal and federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
12. Will comply with the provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333) regarding labor standards for federally-assisted construction subagreements.
14. Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
19. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	TITLE Director of Transportation
APPLICANT ORGANIZATION County of El Dorado	DATE SUBMITTED June 11, 2018

SF-424D (Rev. 7-97) Back

U.S. DEPARTMENT OF AGRICULTURE

**Certification Regarding Debarment, Suspension, and Other
Responsibility Matters - Primary Covered Transactions**

This certification is required by the regulations implementing Executive Order 12549, Debarment and Suspension, 7 CFR Part 3017, Section 3017.510, Participants' responsibilities. The regulations were published as Part IV of the January 30, 1989 Federal Register (pages 4722-4733). Copies of the regulations may be obtained by contacting the Department of Agriculture agency offering the proposed covered transaction.

(BEFORE COMPLETING CERTIFICATION, READ INSTRUCTIONS ON REVERSE)

- (1) The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
 - (a) are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - (b) have not within a three-year period preceding this proposal been convicted of or had a civil judgement rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - (c) are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
 - (d) have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
- (2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

County of El Dorado

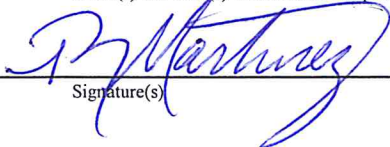
Country Club Heights ECP

Organization Name

PR/Award Number or Project Name

Rafael Martinez, Director of Transportation, County of El Dorado

Name(s) and Title(s) of Authorized Representative(s)



Signature(s)

June 11, 2018

Date

Form AD-1047 (1/92)

Instructions for Certification

1. By signing and submitting this form, the prospective primary participant is providing the certification set out on the reverse side in accordance with these instructions.
2. The inability of a person to provide the certification required below will not necessarily result in denial of participation in this covered transaction. The prospective participant shall submit an explanation of why it cannot provide the certification set out on this form. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective primary participant to furnish a certification or an explanation shall disqualify such person from participation in this transaction.
3. The certification in this clause is a material representation of fact upon which reliance was placed when the department or agency determined to enter into this transaction. If it is later determined that the prospective primary participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.
4. The prospective primary participant shall provide immediate written notice to the department or agency to whom this proposal is submitted if at any time the prospective primary participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
5. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of the rules implementing Executive Order 12549. You may contact the department or agency to which this proposal is being submitted for assistance in obtaining a copy of those regulations.
6. The prospective primary participant agrees by submitting this form that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.
7. The prospective primary participant further agrees by submitting this form that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions," provided by the department or agency entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
8. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the Nonprocurement List.
9. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
10. Except for transactions authorized under paragraph 6 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

U.S. DEPARTMENT OF AGRICULTURE

CERTIFICATION REGARDING DRUG-FREE WORKPLACE REQUIREMENTS (GRANTS) ALTERNATIVE I - FOR GRANTEEES OTHER THAN INDIVIDUALS

This certification is required by the regulations implementing Section 5151-5160 of the Drug-Free Workplace Act of 1988 (Pub. L. 100-690, Title V, Subtitle D: 41 U.S.C. 701 et seq.), 7 CFR Part 3017. Subpart F, Section 3017.600, Purpose. The January 13, 1989, regulations were amended and published as Part II of the May 25, 1990 Federal Register (pages 21681-21691). Copies of the regulations may be obtained by contacting the Department of Agriculture agency offering the grant.

(BEFORE COMPLETING CERTIFICATION, READ INSTRUCTIONS ON PAGE 3)

Alternative I

- A. The grantee certifies that it will or will continue to provide a drug-free workplace by:
- (a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the grantee's workplace and specifying the actions that will be taken against employees for violation of such prohibition;
 - (b) Establishing an ongoing drug-free awareness program to inform employees about -
 - (1) The dangers of drug abuse in the workplace;
 - (2) The grantee's policy of maintaining a drug-free workplace;
 - (3) Any available drug counseling, rehabilitation, and employee assistance programs; and
 - (4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace.
 - (c) Making it a requirement that each employee to be engaged in the performance of the grant be given a copy of the statement required by paragraph (a);
 - (d) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will -
 - (1) Abide by the terms of the statement; and
 - (2) Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction;
 - (e) Notifying the agency in writing, within ten calendar days after receiving notice under subparagraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position

AD-1049 (REV 5/90)

title, to every grant officer on whose grant activity the convicted employee was working, unless the Federal agency has designated a central point for the receipt of such notices. Notice shall include the identification number(s) of each affected grant;

(f) Taking one of the following actions, within 30 calendar days of receiving notice under subparagraph (d)(2), with respect to any employee who is so convicted -

(1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or

(2) Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or, local health, law enforcement, or other appropriate agency;

(g) Making a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs (a), (b), (c), (d), (e), and (f).

B. The grantee may insert in the space provided below the site(s) for the performance of work done in connection with the specific grant:

Place of Performance (Street address, city, county, State, zip code)

County of El Dorado

Check If there are workplaces on file that are not identified here.

County of El Dorado

Country Club Heights ECP

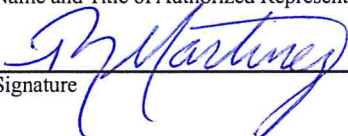
Organization Name

Award Number or Project Name

Rafael Martinez, Director of Transportation, County of El Dorado

Name and Title of Authorized Representative

Signature



Date

6/8/18

INSTRUCTIONS FOR CERTIFICATION

1. By signing and submitting this form, the grantee is providing the certification set out on pages 1 and 2.
2. The certification set out on pages 1 and 2 is a material representation of fact upon which reliance is placed when the agency awards the grant. If it is later determined that the grantee knowingly rendered a false certification, or otherwise violates the requirements of the Drug-Free Workplace Act, the agency, in addition to any other remedies available to the Federal Government, may take action authorized under the Drug-Free Workplace Act.
3. Workplaces under grants, for grantees other than individuals, need not be identified on the certification. If known, they may be identified in the grant application. If the grantee does not identify the workplaces at the time of application, or upon award, if there is no application, the grantee must keep the identity of the workplace(s) on file in its office and make the information available for Federal inspection. Failure to identify all known workplaces constitutes a violation of the grantee's drug-free workplace requirements.
4. Workplace identifications must include the actual address of buildings (or parts of buildings) or other sites where work under the grant takes place. Categorical descriptions may be used (e.g., all vehicles of a mass transit authority or State highway department while in operation, State employees in each local unemployment office, performers in concert halls or radio studios).
5. If the workplace identified to the agency changes during the performance of the grant, the grantee shall inform the agency of the change(s). If it previously identified the workplaces in question (see paragraph three).
6. Definitions of terms in the Nonprocurement Suspension and Debarment common rule and Drug-Free Workplace common rule apply to this certification. Grantees' attention is called, in particular, to the following definitions from these rules:

"Controlled substance" means a controlled substance in Schedules I through V of the Controlled Substances Act (21 U.S.C. 812) and as further defined by regulation (21 CFR 1308.11 through 1308.15);

"Conviction" means a finding of guilt (including a plea of nolo contendere) or imposition of sentence, or both, by any judicial body charged with the responsibility to determine violations of the Federal or States criminal drug statutes;

"Criminal drug statute" means a Federal or non-Federal criminal statute involving the manufacture, distribution, dispensing, use, or possession of any controlled substance;

"Employee" means the employee of a grantee directly engaged in the performance of work under a grant, including: (i) all "direct charge" employees; (ii) all "indirect charge" employees unless their impact or involvement is insignificant to the performance of the grant; and, (iii) temporary personnel and consultants who are directly engaged in the performance of work under the grant and who are on the grantee's payroll. This definition does not include workers not on the payroll of the grantee (e.g. volunteers, even if used to meet a matching requirement; consultants or independent contractors not on the grantee's payroll; or employees of subrecipients or subcontractors in covered workplaces)

United States Department Of Agriculture
Forest Service

ASSURANCE OF COMPLIANCE WITH THE DEPARTMENT OF AGRICULTURE
REGULATION UNDER TITLE VI OF THE CIVIL RIGHTS ACT OF 1964

County of El Dorado, Dept of Transportation (hereinafter called the "Applicant".)
(Name of Applicant or Recipient)

HEREBY AGREES THAT it will comply with Title VI of the Civil Rights Act of 1964 (PL 88-352) and all requirements imposed by or pursuant to the Regulations of the U.S. Department of Agriculture (7 CFR Part 15) issued pursuant to that Act; and HEREBY GIVES ASSURANCE THAT it will immediately take any measures necessary to effectuate this agreement.

If any real property or structure thereon is provided or improved with the aid of Federal financial assistance extended to the Applicant by the Department, this assurance shall obligate the Applicant, or in the case of any transfer of such property, any transferee, for the period during which the real property or structure is used for a purpose for which the Federal financial assistance is extended or for another purpose involving the provision of similar services or benefits. If any personal property is so provided, this assurance shall obligate the Applicant for the period during which it retains ownership or possession of the property. In all other cases, this assurance shall obligate the Applicant for the period during which the Federal financial assistance is extended to it by the Department.

THIS ASSURANCE is given in consideration of and for the purpose of obtaining any and all Federal financial assistance extended after the date hereof to the Applicant by the Forest Service, U.S. Department of Agriculture on account of:

USDS Forest Service, Lake Tahoe Basin Management Unit Erosion Control Grants.

The Applicant recognizes and agrees that such Federal financial assistance will be extended in reliance on the representations and agreements made in this assurance, and that the United States in addition to any other rights and remedies provided by this assurance, the Civil Rights Act of 1964, or the Regulations issued thereunder, shall have the right to enforce this agreement by suit for specific performance or by any other available remedy under the laws of the United States or the State in which the breach or violation occurs.

This assurance is binding on the Applicant, its successors, transferees, and assignees, and the person or persons whose signatures appear below are authorized to sign this assurance on behalf of the Applicant.

Dated June 11, 2018

Rafael Martinez
(Applicant)

By  _____
(Signature)

924B Emerald Bay Road

South Lake Tahoe, CA 96150

(Applicant's mailing address)

(Seal)

CERTIFICATION REGARDING LOBBYING

Certification for Contract, Grants, Loans, and Cooperative Agreements

The undersigned certifies, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, and officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

<u>County of El Dorado</u>	<u>FY 2012 LTRA Erosion Control Grant</u>
ORGANIZATION NAME	PR/Award Number or Project Name

<u>Rafael Martinez, Director of Transportation, County of El Dorado</u>
NAME and TITLE of Authorized Representative

	June 11, 2018
Signature	DATE



CERTIFICATION REGARDING LOBBYING

Applicants should also review the instructions for certification included in the regulations before completing this form. Signature on this form provides for compliance with certification requirements under 4 CFR Part 418 Appendix A, Certification Regarding Lobbying. The certifications shall be treated as a material representation of fact upon which reliance will be placed when the U.S. Forest Service determines to award the covered transaction, grant, or cooperative agreement.

Lobbying

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.


(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this Federal contract, grant, loan, or cooperative

agreement, the undersigned shall complete and submit Standard Form-LLL, 'Disclosure Form to Report Lobbying.' in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

As the duly authorized representative of the applicant, I hereby certify that the applicant will comply with the above applicable certification.

SIGNATURE		
APPLICANT'S SIGNATURE (BY) 	TITLE/RELATIONSHIP OF THE INDIVIDUAL IF SIGNING IN A REPRESENTATIVE CAPACITY <i>Director of Transportation</i>	DATE SIGNED (MM-DD-YYYY)



Burden Statement

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0596-0217. The time required to complete this information collection is estimated to average 9 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental 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. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW, Washington, DC 20250-9410 or call toll free (866) 632-9992 (voice). TDD users can contact USDA through local relay or the Federal relay at (800) 877-8339 (TDD) or (866) 377-8642 (relay voice). USDA is an equal opportunity provider and employer.

Attachment D

OMB Number: 4040-0004
Expiration Date: 01/31/2009

Application for Federal Assistance SF-424		Version 02
*1. Type of Submission: <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application	*2. Type of Application * If Revision, select appropriate letter(s) <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision	*Other (Specify) <u>New Funds</u>
3. Date Received:		4. Applicant Identifier:
5a. Federal Entity Identifier:		*5b. Federal Award Identifier:
State Use Only:		
6. Date Received by State:		7. State Application Identifier:
8. APPLICANT INFORMATION:		
*a. Legal Name: County of El Dorado		
*b. Employer/Taxpayer Identification Number (EIN/TIN): 94-6000511		*c. Organizational DUNS: 62-140-9171
d. Address:		
*Street 1:	<u>924B Emerald Bay Rd</u>	
Street 2:	_____	
*City:	<u>South Lake Tahoe</u>	
County:	<u>El Dorado County</u>	
*State:	<u>CA</u>	
Province:	_____	
*Country:	<u>US</u>	
*Zip / Postal Code	<u>96150</u>	
e. Organizational Unit:		
Department Name: Transportation		Division Name: Tahoe Engineering
f. Name and contact information of person to be contacted on matters involving this application:		
Prefix: _____	*First Name: <u>John</u>	
Middle Name: _____		
*Last Name: <u>Kahling</u>		
Suffix: _____		
Title:	<u>Deputy Director</u>	
Organizational Affiliation:		
*Telephone Number: 530-642-4974		Fax Number: 530-541-7049
*Email: john.kahling@edcgov.us		

Application for Federal Assistance SF-424

Version 02

***9. Type of Applicant 1: Select Applicant Type:**

B.County Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

*Other (Specify)

***10 Name of Federal Agency:**

United States Forest Service - Lake Tahoe Basin Management Unit

11. Catalog of Federal Domestic Assistance Number:

10-690 _____

CFDA Title:

Lake Tahoe Soil Erosion Control Grants Program _____

***12 Funding Opportunity Number:**

*Title:

Soil Erosion Control Grants Program _____

13. Competition Identification Number:


Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

County of El Dorado

***15. Descriptive Title of Applicant's Project:**

Soil Erosion Control Grants Program

Application for Federal Assistance SF-424		Version 02
16. Congressional Districts Of:		
*a. Applicant: 14	*b. Program/Project: 14	
17. Proposed Project:		
*a. Start Date: 07/01/18	*b. End Date: 06/30/22	
18. Estimated Funding (\$):		
*a. Federal	\$125,000.00	
*b. Applicant	_____	
*c. State	\$125,000.00	
*d. Local	_____	
*e. Other	_____	
*f. Program Income	_____	
*g. TOTAL	\$250,000.00	
*19. Is Application Subject to Review By State Under Executive Order 12372 Process?		
<input type="checkbox"/> a. This application was made available to the State under the Executive Order 12372 Process for review on _____		
<input type="checkbox"/> b. Program is subject to E.O. 12372 but has not been selected by the State for review.		
<input checked="" type="checkbox"/> c. Program is not covered by E. O. 12372		
*20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation.)		
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U. S. Code, Title 218, Section 1001)		
<input checked="" type="checkbox"/> ** I AGREE		
** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions		
Authorized Representative:		
Prefix: _____	*First Name: <u>Rafael</u> _____	
Middle Name: _____		
*Last Name: <u>Martinez</u> _____		
Suffix: _____		
*Title: Department of Transportation Director		
*Telephone Number: 530-621-7533	Fax Number: 530-626-0387	
* Email: rafael.martinez@edcgov.us		
*Signature of Authorized Representative: 	*Date Signed: <u>6/8/18</u>	

Application for Federal Assistance SF-424

Version 02

***Applicant Federal Debt Delinquency Explanation**

The following should contain an explanation if the Applicant organization is delinquent of any Federal Debt.

N/A

Erosion Control Funding Request Project Proposal Submittal Form

Applicant Name and Address:

County of El Dorado, Community Development Agency

924B Emerald Bay Road

South Lake Tahoe, CA 96150

Funds Applied For:

Federal Erosion Control Grants Program

Project Title:

Country Club Heights Erosion Control Project
(CIP #95191)

EIP Number:

01.01.01.0021

TABLE OF CONTENTS

STATEMENT OF NEED	1
GOALS AND OBJECTIVES.....	3
PROJECT DESCRIPTION.....	5
EVALUATION AND MONITORING	6
PROJECT BUDGET AND SCHEDULE	6
KEY PERSONNEL.....	8
SPECIAL CONSIDERATIONS.....	8
BIBLIOGRAPHY	8

List of Tables

Table 1 – Previous CDA-TD Projects and 1997 EIP Impacts on Threshold Indicators	1
Table 2 – Project Impacts on Threshold Indicators	2
Table 3 – Preliminary Pollutant Load Analysis – Project Watershed Summary	3
Table 4 – Project Goals and Objectives	4
Table 5 – Project/ Grant Budget	6
Table 6 – Bid Summary	7
Table 7 – Project Delivery Schedule	8

List of Figures

Project Location Map	A
----------------------------	---

COUNTRY CLUB HEIGHTS EROSION CONTROL PROJECT

STATEMENT OF NEED

In 1997 the Environmental Improvement Program (EIP) was memorialized which utilized various basin agency reports to formulate the project numbering/ title system, threshold indices, goals and objectives, and program summaries which still exist today. One main report that was used for the creation of the Water Quality/ Soil Erosion Program within the 1997 EIP was the 1987 California Tahoe Conservancy (CTC) Report “A Report on Soil Erosion Control Needs and Projects in the Lake Tahoe Basin” (Report). The County of El Dorado Community Development Agency Transportation Division (CDA-TD) has used this Report from its adoption and in conjunction with the EIP documents since 1997 to develop all 5- and 10-year project lists for capital projects. The Country Club Heights Phase 1 Erosion Control Project (Project) was pulled from this Report, which is currently listed under EIP #01.01.01.0021 (Tahoe Paradise Meadowvale)¹. EIP #01.01.01.0021 was created from a list of several capital improvement projects within the Report: 1) Iroquois, 2) Ottawa, 3) Osage, 4) Oflying, 5) Pioneer Trail I, 6) Thunderbird, and 7) Meadowvale. This Project will focus on the Thunderbird and Meadowvale areas, which are located within the Country Club Heights Subdivision (Units 1-5) and a portion of Tahoe Paradise Unit 48. The updated EIP # for this project is 01.01.01.0021.

In 2012 CDA-TD received \$125,000 in funding for the Project from the United States Forest Service (USFS) to begin the planning process. CDA-TD has subsequently requested, and received approvals, for transferring the remaining funds from Round 11 towards the implementation of this Project (added to Round 12). With this application, CDA-TD is requesting the amount it needs to complete the implementation process. The requested funding will used for direct construction and 1 season of post construction monitoring. Since CDA-TD has received funds for construction of improvements within the SEZ, the funds from this additional request will only be used for improvements outside the SEZ.

To date, CDA-TD has completed several previous Erosion Control and Stream Environment Zone (SEZ) Restoration Projects within the Country Club Heights Subdivision as identified within Table 1. This Project will address similar problems and issues addressed in the earlier Projects as well as updated issues and problems identified as part of the Pollutant Load Reduction Strategy². Table 2 depicts how the Project will address the updated threshold indicators as defined in the Storm Water Management and SEZ/ Soil Conservation Sub-Programs.

Table 1 – Previous CDA-TD Projects and 1997 EIP Impacts on Threshold Indicators

Project	CDA-TD Project Name	Threshold	Threshold Indicators ⁽¹⁾	Measures of Progress (MOP) Definitions	MOP Values
EIP 01.01.01 .0021	1987 County-Wide Erosion Control Project – Elks Club Road ECP	WQ	WQ-5	Square Feet/Acres of Roadway Storm Water Treated	27,000
	Southern Pines SEZ Restoration	SEZ/ SC	SC-2	Square Feet/Acres of SEZ Restored	14,500

1987 County-Wide Erosion Control Project – Boca Rotan SEZ Restoration	SEZ/ SC	SC-2	Square Feet/Acres of SEZ Restored	40,500
---	---------	------	-----------------------------------	--------

Table 2 – Project Impacts on Threshold Indicators

Sub-Program	Threshold	Threshold Indicators ⁽¹⁾	Accomplishment Units (AU) Definitions ⁽²⁾	AU Estimated Values
Storm Water Management	WQ	WQ-5	% Very Fine (VF) and Fine (F) Particle Reduction From Existing/ Baseline Watershed Conditions (2008 TMDL)	12% VF or MEP 25% F or MEP
Stream Environment Zone/ Soil Conservation	SEZ/ SC	SC-2	Square Feet/Acres of SEZ Restored	17,390

(1) – The main Threshold Indicators are identified within Tables 1 and 2, however, there are several other Threshold Indicators which also apply to the previous Projects and this Project that will be discussed during the development of the Existing Conditions Analysis.

(2) – The Accomplishment Unit Definitions will be further defined as part of the TRPA Pathway Process in 2009, therefore, the definitions within Table 2 are subject to change.

The Country Club Heights subdivision created urban roadway conveyance patterns which concentrated the majority of the storm water runoff untreated into the lower SEZ areas. Therefore, based on the minimal amount of treatment or removal of very fine and fine sediments within the upper watershed areas, the majority of the annual very fine and fine sediment loads within storm water reach the lower SEZ areas which ultimately reach the Upper Truckee River.

Most of the very fine and fine sediment problems to be addressed by this Project include, but are not limited to, the following:

- Direct discharges of untreated storm water runoff into the lower SEZ area and Upper Truckee River.
- Eroding cut slopes, drainages, and roadside ditches throughout the upper watershed.
- Road sand/ cinder accumulation on roads and discharge into drainages throughout the Project area along main arterial steep roadways into the subdivision.
- Bare shoulders used as parking turnouts throughout the Project area especially at the lower SEZ boundary adjacent to the old Elks Club Lodge.

Project Benefits/ Opportunities for improvements include:

- Stabilize eroding cut slopes with vegetation and/ or rock protection; stabilize existing drainages with rock and, where feasible, with bio-engineering techniques; stabilize existing roadside drainages by installing curb and gutter or rock-lined channels and vegetated swales (Source Control).
- Store and spread storm water out more effectively at the lower SEZ meadow area (Hydrologic Design).

- Infiltrate and/ or treat runoff from County of El Dorado (County) and Caltrans Right-of-Way (US50) before it discharges into the lower SEZ and Upper Truckee River (Treatment).

Pollutant Load Reduction

CDA-TD has completed an assessment of the Project area with respect to documenting existing erosion problems and mapping the drainage infrastructure. Typical erosion problems that were identified from this field assessment are:

- Eroding ditches (Source Control)
- Eroding slopes (Source Control)
- Failing slopes (Source Control)

As part of this assessment CDA-TD completed an initial pollutant load analysis with respect to the main watersheds (325 to 333 and 405) which discharge into the lower SEZ areas. This pollutant load analysis is summarized within Table 3 for the Total Suspended Solids (TSS) loading only.

Table 3 – Preliminary Pollutant Load Analysis – Project Watershed Summary

Watershed ID	Watershed Area ⁽¹⁾ (acres)	Watershed Annual TSS Pollutant Load ⁽²⁾ (pounds)	
		PLRS	PLRM
325	6.56	1197	40,922
326	17.58	5318	
327	4.79	1204	
328	24.51	7081	
329	4.18	877	
330	60.36	12176	
331	118.77	32348	
332	10.02	2324	
333	33.77	8459	
405	0.47	474	
Total Project WS	281.01	71,458	

(1) – Project watershed area includes County ROW, in addition to public and private parcels.

(2) – Loads from Caltrans ROW have been removed from the totals.

From this analysis CDA-TD estimated that these watersheds can contribute a range from a minimum of 182 pounds/acre to a maximum of 1,008 pounds/acre with an average of 254 pounds/acre. However, the watersheds along Thunderbird Drive and portions of Pebble Beach Drive and Meadowvale Drive have numerous eroding slopes and channels, which are most likely not included within the Pollutant Load Reduction Strategy (TMDL) land use analysis. Hence, these sediment sources will increase the TSS values identified within each watershed.

GOALS AND OBJECTIVES

The Project objectives listed within Table 4 represent physical conditions that can be measured to assess the success of the Project in achieving the Project goals. Pre and post project monitoring will be completed as part of this Project to quantify the accomplishments of this Project. The Project will conform to the Preferred Design Approach as detailed in the 2004 Storm Water Quality Improvement Committee

(SWQIC) Guidelines³, County Drainage Manual⁴, County Standard Plans, County Highway Design Manual⁵, and recent TMDL to the maximum extent practicable.

Table 4 – Project Goals and Objectives

Goals	Objectives
<p>1. Reduce the amount of very fine inorganic sediment by 12%, fine inorganic sediment by 25%, and coarse inorganic sediment by 33% from the urbanized watershed bounded by the Project boundary or to the maximum extent practicable prior to discharging into the Upper Truckee River. Very fine sediment is defined as particles with a diameter of 20 microns or less (<20 µm), fine sediment is defined as particles which pass a #200 sieve (<74 µm), and coarse sediment is defined as particles retained on or greater than the #200 sieve (>74 µm)</p>	<ol style="list-style-type: none"> 1. Stabilize eroding slopes with County approved slope stabilization (Source Control) BMPs; 2. Stabilize eroding channels/ ditches with County approved channel or road treatment source control BMPs (Source Control); 3. Utilize various County approved sediment trapping BMPs (Sediment Traps, Infiltration, Sediment Basins, etc.) to capture sediment from impervious surfaces and eroding areas (Source Control) ; 4. Capture de-icing abrasives tracked into Country Club Heights Subdivision to prevent discharge to watercourses (Source Control); 5. Define and increase the sweeping frequency within the Right-of-Way (ROW) as funding and resources are available. Current County sweeping frequency is once per year (Source Control); 6. Utilize various media filters and other treatment techniques to remove fine particles from runoff effluent (Treatment); and 7. Utilize the lower SEZ areas to capture more sediment prior to discharging into the Upper Truckee River (Treatment).
<p>2. Reduce the 25-year, 1-hour storm surface water volume from the urbanized watershed bounded by the Project boundary by 33% or to the maximum extent practicable prior to discharging into the Upper Truckee River.</p>	<ol style="list-style-type: none"> 1. Utilize County ROW and publicly owned parcels to capture, store, and infiltrate a portion of the 25-year, 1-hour volume, which are at main discharge points within the watersheds; and 2. Utilize various County approved infiltration and storage BMPs prior to discharging into the Upper Truckee River.
<p>3. Reduce the 25-year, 1-hour storm surface water peak flow from the urbanized watershed bounded by the Project boundary by 33% or to the maximum extent practicable prior to discharging into the Upper Truckee River.</p>	<ol style="list-style-type: none"> 1. Utilize County ROW and publicly owned parcels to detain, spread, and infiltrate the storm water within the watershed prior to discharging into the Upper Truckee River without violating drainage laws; and 2. Utilize various storm water drainage systems, which increase the time of concentration and reduce the peak discharge to the main discharge points into the Upper Truckee River.

4.	Complete a comprehensive BMP Retrofit Watershed Master Plan which will include private BMP development as part of the Project Delivery Process (PDP). Achieve 25% participation with the private homeowners within the limits of the Project.	<ol style="list-style-type: none"> 1. Utilize the TRPA Home Landscaping Guide for evaluating and developing BMP solutions for each driveway within the limits of the Project area; and 2. Coordinate the private BMP's design within ROW with the Tahoe Resource Conservation District (TRCD)/ Natural Resources Conservation District (NRCS).
5.	Complete a comprehensive forest health and defensible space master plan for the Project area.	<ol style="list-style-type: none"> 1. Develop guidelines and criteria for evaluating and improving the forest health with the Project area. 2. Coordinate forest health initiatives with the homeowners within the Project area.
6	Complete a comprehensive watershed management plan for this Project area with Caltrans and CTC prior to selecting the Preferred Project Alternative.	<ol style="list-style-type: none"> 1. Utilize the Caltrans Project Study Report and CTC's updated preliminary plans and incorporate the proposed BMP's/ Bike Trail Alignment into the Master Watershed Management Plan.

The objectives mentioned within Table 4 define the course of action which CDA-TD will pursue throughout the Project Delivery Process as defined within the SWQIC documents. These objectives are consistent with the USFS Grant Guidelines.

PROJECT DESCRIPTION

Project Location

The Project is located within the Country Club Heights Subdivision (units 1-5) and a portion of Tahoe Paradise Unit 48. The Project is more specifically bounded by Crystal Air to the south and east, Highway 50 to the west, the northerly limits of Bel Aire, Cherry Hills, Thunderbird, and Glen Eagles (Figure A). The Project area encompasses CDA-TD ROW, Caltrans ROW, CTC, USFS, and privately owned property.

Project Benefits

The Project will complete/ complement the previous series of erosion control, water quality, and SEZ restoration Project efforts identified in Table 1. CDA-TD will be utilizing the SWQIC Project Delivery Process, Technical Guidance Documents, County Drainage Manual⁶, County Standard Plans, and TMDL to accomplish the following Main Products/Deliverables as part of this grant application:

1. Award & Advertise, Pre-Construction, & Construction
2. Post-Construction – Record Drawings/ Final Construction Report
3. Post-Construction Monitoring Report

CDA-TD implemented the CTC's Preferred Design Approach (PDA) guidelines for this Project. The intent of the guidelines is for the project implementers to involve the Technical Advisory Committee (TAC) members early in the project development process to gain consensus on the problem areas, the design alternatives to be analyzed, and the selection of the preferred design alternative. Consistent with the PDA, solutions will

address the following elements shown in order of priority: 1) source control, 2) hydrologic design, and 3) treatment.

EVALUATION AND MONITORING

CDA-TD will develop a comprehensive monitoring plan which will identify all means and methods from which CDA-TD will measure the accomplishments of this Project. At a minimum, for the water quality threshold accomplishment units, CDA-TD will continue with the Annual BMP effectiveness sampling (i.e. spring/ fall sediment inventory) and provide the approved annual report every March on CDA-TD’s website. Also, CDA-TD will be working with the Regional Storm Water Monitoring Program to provide relevant data as part of our National Pollutant Discharge Elimination System (NPDES) Permit Requirements.

PROJECT BUDGET AND SCHEDULE

CDA-TD is requesting **\$125,000** for implementation from the USFS under the Southern Nevada Public Lands Management Act (SNPLMA). Table 5 contains a break out of the draft Project budget. Table 6 contains the preliminary engineer’s estimate. Table 7 contains the estimated delivery dates of the Project milestones.

Table 5 – Project/ Grant Budget

CATEGORY	ESTIMATED PROJECT BUDGET	USFS SNPLMA ROUND 11	TRPA WQ FUNDS	USFS SNPLMA ROUND 12	CTC PROP 1 (SEZ ONLY) ¹	EST GRANT BUDGET (REQUEST)	TOTAL
		Planning	Planning/ Implement	Implement	Implement	Implement	
Design & Administration	\$301,252	\$182,005	\$44,241	\$75,006			\$301,252
Construction Engineering & Administration	\$141,604			\$91,604		\$50,000	\$141,604
Construction	\$918,622			\$668,622	\$200,000	\$50,000	\$918,622
Plant Establishment	\$35,000			\$10,000	\$25,000		\$35,000
Monitoring	\$40,759		\$10,759	\$5,000		\$25,000	\$40,759
Contingency	\$104,111			\$79,111	\$25,000		\$104,111
TOTALS	\$1,541,348	\$182,005	\$55,000	\$929,343	\$250,000	\$125,000	1,541,348

1. The CTC Prop 1 funds are limited for use on SEZ improvements.

Table 6 – Bid Summary

Item No.	Item Description	QTY	UNIT	UNIT PRICE	TOTAL
1	MOBILIZATION	1	LS	\$75,000	\$75,000
2	EXCAVATION SAFETY	1	LS	\$5,000	\$5,000
3	TRAFFIC CONTROL SYSTEM	1	LS	\$25,000	\$25,000
4	JOB SITE MANAGEMENT	1	LS	\$30,000	\$30,000
5	TEMPORARY DRAINAGE INLET	10	EA	\$400	\$4,000
6	TEMPORARY FIBER ROLL	18	EA	\$120	\$2,160
7	TEMPORARY REINFORCED	227	LF	\$15	\$3,405
8	STREET SWEEPING	1	LS	\$10,000	\$10,000
9	TEMPORARY FENCE (TYPE	2,309	LF	\$5	\$11,545
10	ROADWAY EXCAVATION	1	LS	\$30,000	\$30,000
11	DITCH EXCAVATION (BLANKET	895	LF	\$75	\$67,125
12	DITCH EXCAVATION (ROCK	77	LF	\$150	\$11,550
13	HUMUS	27	CY	\$275	\$7,425
14	MULCH	40	CY	\$250	\$10,000
15	TACKIFIER	21,051	SF	\$0.45	\$9,472
16	HOT MIX ASPHALT (TYPE A)	1,359	SF	\$21.00	\$28,539
17	PLACE HOT MIX ASPHALT	521	SF	\$25.00	\$13,025
18	DRAINAGE INLET - TYPE 2	3	EA	\$6,500.00	\$19,500
19	18" PLASTIC PIPE (HDPE)	254	LF	\$225.00	\$57,150
20	36" CORRUGATED STEEL PIPE	4	EA	\$8,000.00	\$32,000
21	18" STEEL FLARED END	7	EA	\$400.00	\$2,800
22	MODIFY INLET GRATE	6	EA	\$3,500.00	\$21,000
23	ROCK SLOPE PROTECTION	6,232	SF	\$12.00	\$74,784
24	ROCK SLOPE PROTECTION	539	LF	\$18.00	\$9,702
25	MINOR CONCRETE (CURB	876	LF	\$45.00	\$39,420
26	MOBILIZATION SPECIFIC TO ADDITIVE ALTERNATE BID - SCHEDULE B	1	LS	\$10,000.00	\$10,000
27	JOB SITE MANAGEMENT SPECIFIC TO ADDITIVE ALTERNATE BID - SCHEDULE B	1	LS	\$10,000.00	\$10,000
28	SUPPLY AND PLACE HOT MIX	128	LF	\$45.00	\$5,760
29	ROCK SLOPE PROTECTION	1,468	SF	\$82.00	\$120,376
TOTAL					\$745,739

Table 7 – Project Delivery Schedule

MAIN MILESTONE/ PRODUCT	ESTIMATED COMPLETION DATE
IMPLEMENTATION	
Construction – Notice of Acceptance	Oct 2018
Post-Construction – Record Drawings/ Final Construction Report	Jan 2019
Post-Construction Monitoring Report	June 2019

KEY PERSONNEL

El Dorado County, Community Development Agency		
Program Administrator	John Kahling	(530) 621-4974
Project Manager/ Design Leader	Daniel Kikkert/ Dave Goodell	(530) 573-7914/ (530) 573-7903
Monitoring Manager – NEPA/ CEQA Document Coordinator	Russell Wigart	(530) 573-7924
Accounting	Becky Morton	(530) 621-4008

SPECIAL CONSIDERATIONS

CDA-TD will use these additional funds in conjunction with previously awarded SNPLMA funds to complete construction of the project in the summer of 2018.

BIBLIOGRAPHY

¹ Environmental Improvement Program: The Cooperative Effort to Preserve, Restore, and Enhance the Unique Natural and Human Environment of the Lake Tahoe Region. Master List of Threshold Needs. Tahoe Regional Planning Agency (TRPA). Volume 2. May 2001.

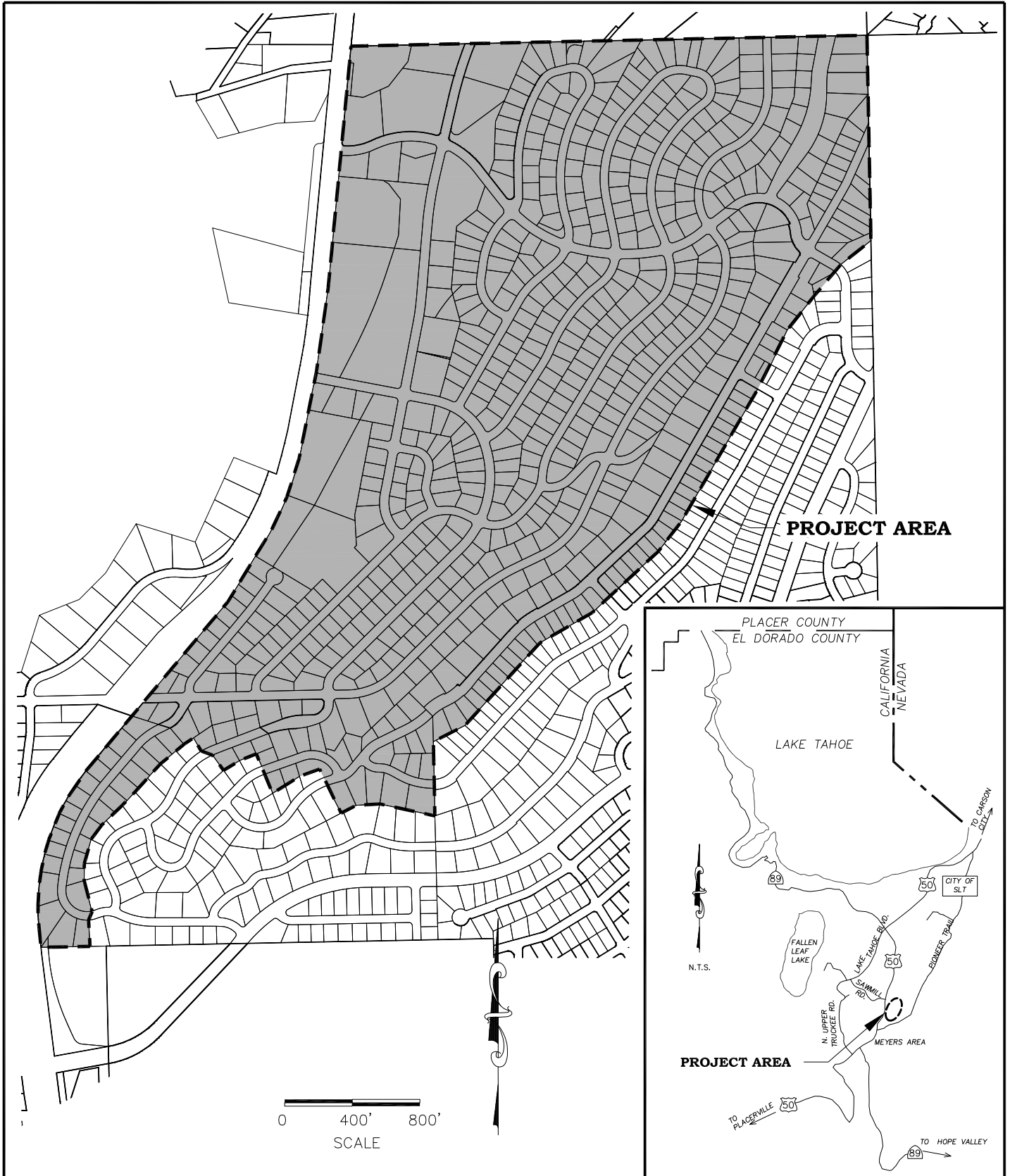
² El Dorado County – Tahoe Basin: 2009 Pollutant Load Reduction Strategy. Board Order No. R6T-2005-0026; NPDES Permit No. CAG616001; WDID No. 6A099110003. May 2009.

³ 2004 Storm Water Quality Improvement Committee Guidance Documents.

⁴ County of El Dorado, Drainage Manual. County of El Dorado. March 14, 1995.

⁵ County of El Dorado, DRAFT Highway Design Manual. County of El Dorado. June 25, 2009.

⁶ County of El Dorado (1995).




COMMUNITY DEVELOPMENT AGENCY
 TRANSPORTATION DIVISION
 SOUTH LAKE TAHOE OFFICE

FEDERAL 2016 LAKE TAHOE
 SOIL EROSION CONTROL GRANTS PROGRAM
 COUNTRY CLUB HEIGHTS
 EROSION CONTROL PROJECT
 Project Location Map

DATE: 03/2016	PROJECT NO.: 95191	BY: DWK
---------------	--------------------	---------

FIGURE
A