

MEMORANDUM

DEPARTMENT OF PUBLIC WORKS

County of Placer

TO: BOARD OF SUPERVISORS

DATE: June 18, 2013

FROM: KEN GREHM/ PETER KRAATZ

SUBJECT: EXECUTION OF ROUND 13 SNPLMA GRANT FUNDS, AGREEMENT NO. 13-DG-11051900-025 WITH UNITED STATES FOREST SERVICE

ACTION REQUESTED / RECOMMENDATION

1. Adopt a Resolution authorizing the Director of Public Works to finalize and execute Agreement No. 13-DG-11051900-025, between Placer County Department of Public Works and the United States Forest Service in the amount of \$1,300,000 for the funding of construction for the Lake Forest Erosion Control Project - Area B (Panorama) and \$1,000,000 for funding of construction of the West Sunnyside Erosion Control Project – Phase 2 (Talmont). There is no net County cost.
2. Authorize the Director of Public Works or his/her designee to execute, in the name of Placer County Department of Public Works, all grant documents, including but not limited to, applications, agreements, amendments and requests for payment, necessary to secure grant funds and implement the approved grant projects.

BACKGROUND / SUMMARY

Lake Forest Erosion Control Project – Area B (Panorama)

The Lake Forest Erosion Control Project – Area B (Panorama) is the third and final phase of water quality improvements that will effectively address storm water issues from County Right-of-Way (ROW) within the Lake Forest watershed. The urbanized project area includes the developed commercial land use fronting Lake Forest Road as well as addressing stream environment zone restoration opportunities on California State Parks and California Tahoe Conservancy parcels. The upgradient drainage, was studied as part of the watershed planning approach to develop hydrological models and to identify and prioritize sediment sources areas. The project will effectively address water quality concerns in the project area from the County right-of-way (ROW).

Residential streets included in the Panorama phase are located south and east of Lake Forest Road (west of Dollar Hill) and encompass the older Panorama neighborhood. These streets have unimproved or poorly improved roadways without any existing or updated conveyance and treatment facilities. Runoff from the county ROW within the project area contributes sediment into tributaries of Lake Tahoe. The project area is also characteristically defined by steep slopes discharge runoff directly into the newly defined stream environment zone south of State Route 28 (Meadow Restoration Phase).

This project is part of an ongoing effort to retrofit County ROW within the Basin with Best Management Practices (BMP) improvements to reduce sediment and nutrient loading to Lake Tahoe in accordance with the EIP. The planning and preliminary engineering design for the project utilized the guidelines contained in, *Formulating and Evaluating Alternatives for Water Quality Improvement Projects* July 2004 (SWQIC), prepared for the Lake Tahoe Basin Storm Water Improvement Committee.

This project will address the regulatory threshold established by the Lahontan RWQCB in the Placer County jurisdictional stormwater discharge permit. The permit outlines these discharge limits under a county-wide TMDL goal for reducing fine sediments.

West Sunnyside Erosion Control Project – Phase 2 (Talmont)

The West Sunnyside Erosion Control Project – Phase 2 will effectively address water quality issues within the County Right-of-Way (ROW) of the Ward Creek watershed. The urbanized project area includes the developed residential land use of the Highlands Subdivision of West Sunnyside. The upgradient drainage, was studied as part of the watershed planning approach to develop hydrological models and to identify and prioritize sediment sources areas. The project will effectively address water quality concerns in the project area from the County right-of-way (ROW).

The residential developments in the project area have unimproved or poorly improved roadways without any existing or updated conveyance and treatment facilities. Runoff from the county ROW within the project area contributes sediment into tributaries of Lake Tahoe. The project area is also characteristically defined by steep slopes discharge runoff directly into the newly defined stream environment zone south of State Route 28.

This project is part of an ongoing effort to retrofit County ROW within the Basin with Best Management Practices (BMP) improvements to reduce sediment and nutrient loading to Lake Tahoe in accordance with the EIP. The planning and preliminary engineering design for the project utilized the guidelines contained in, *Formulating and Evaluating Alternatives for Water Quality Improvement Projects* July 2004 (SWQIC), prepared for the Lake Tahoe Basin Storm Water Improvement Committee.

This project will address the regulatory threshold established by the Lahontan RWQCB in the Placer County jurisdictional stormwater discharge permit. The permit outlines these discharge limits under a county-wide TMDL goal for reducing fine sediments.

ENVIRONMENTAL

This is an administrative action and as such, it is not a separate project and is not subject to environmental review.

FISCAL IMPACT

There is no fiscal impact to the County. Once the grant agreement is executed, the Department will budget the appropriate funding amounts in the 2013-2014 Department Fiscal Year Budget.

Attachments: Copy of Agreement

Before the Board of Supervisors County of Placer, State of California

In the matter of: ADOPT A RESOLUTION
AUTHORIZING THE DIRECTOR OF PUBLIC
WORKS OR HIS/HER DESIGNEE TO
FINALIZE AND EXECUTE IN THE NAME OF
PLACER COUNTY DEPARTMENT OF PUBLIC
WORKS AGREEMENT NO. 13-DG-11051900-
025.

Resol. No: _____

The following Resolution was duly passed by the Board of Supervisors of the County of Placer
at a regular meeting held on _____ by the following vote on roll call:

Ayes:

Noes:

Absent:

Signed and approved by me after its passage,

Chair, Board of Supervisors

Attest:
Clerk of said Board

BE IT FURTHER RESOLVED, that the Placer County Director of Public Works is hereby authorized to finalize and execute Agreement No. 13-DG-11051900-025, between United States Forest Service and Placer County Department of Public Works in the amount of \$1,300,000 for The Lake Forest Erosion Control Project – Area B (Panorama) and \$1,000,000 for the West Sunnyside Erosion Control Project – Phase 2 (Talmont); and is empowered to conduct all negotiations, and submit all documents, including, but not limited to applications, agreements, amendments, payment requests and so on, which may be necessary for the completion of the aforementioned projects.

**FEDERAL FINANCIAL ASSISTANCE
AWARD OF DOMESTIC GRANT 13-DG-11051900-025
Between The
COUNTY OF PLACER
And The
USDA, FOREST SERVICE
LAKE TAHOE BASIN MANAGEMENT UNIT**

Project Title: Environmental Improvement Program (EIP) Erosion Control Projects, including: Lake Forest Erosion Control Project – Area B (Panorama); and West Sunnyside Erosion Control Project Phase 2 (Talmont)

Upon execution of this document, an award to The County of Placer, hereinafter referred to as “Placer County,” in the amount of \$2,300,000, is made under the Lake Tahoe Restoration Act, Public Law 106-506 as amended, P.L.108-108, Section 337. The County of Placer accepts this award for the purpose described in the application narrative. Your application for Federal financial assistance, dated April 22, 2013 (Attachment C), Project Narrative (SNPLMA Round 22 Grant Program Applications for Lake Forest Erosion Control Project - Area B (Panorama); and West Sunnyside Erosion Control Project - Phase 2 (Talmont)) dated February 3, 2013 (Attachment D), and the attached U.S. Forest Service provisions, ‘U.S. Forest Service Award Provisions,’ are incorporated into this letter and made a part of this award.

Placer County is required to provide a match to Federal funds at the ratio of 1:1 with state, local or other non-federal government agencies.

This is an award of Federal financial assistance and is subject to USDA regulations 7CFR 3016 “Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local Governments (A-102),” Uniform Administrative Requirements, 2 CFR 225, Cost Principles for State, Local and Indian Tribal Government (A-87); Cost Principles, and OMB Circular A-133 as implemented by USDA regulation 7 CFR 3052. All Federal and Recipient matching/cost-share contributions are subject to all relevant OMB Circulars and Code of Federal Regulations.

The OMB Circulars are available on the internet at http://www.whitehouse.gov/omb/grants_default/. Electronic copies of the CFRs can be obtained at the following internet site: <http://www.gpoaccess.gov/cfr/index.html>. If you are unable to retrieve these regulations electronically, please contact your Grants and Agreements Office at (530) 226-2303 or (530) 478-6828.

Effective October 1, 2010, recipients are required to report information on subaward and executive total compensation, as required by the Federal Funding Accountability and Transparency Act of 2006 (Pub. L. 109-282), as amended by section 6202 of Public Law 110-252, hereinafter referred to as “the Transparency Act.” See the award terms in Attachment B: 2 CFR Part 170.

The following administrative provisions apply to this award:



- A. LEGAL AUTHORITY. Placer 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 nonfederal 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
Kansas McGahan 7717 North Lake Blvd. Kings Beach, CA 96143 Telephone: 530.581.6217 Email: kmcgahan@placer.ca.gov	Maria Swan 309 X County Center Dr., Suite 220 City, State, Zip: Auburn, CA 95603 Telephone: 530.745.7594 Email: mswan@placer.ca.gov

Principal U.S. Forest Service Contacts:

U.S. Forest Service Program Manager Contact	U.S. Forest Service Administrative Contact
Barbara Shanley 35 College Drive South Lake Tahoe, CA 96150 Telephone: 530.543.2657 Email: bshanley@fs.fed.us	Robin Bryant 3644 Avtech Parkway Redding, CA 96002 Telephone: 530.226.2303 Email: rbryant01@fs.fed.us

- C. ADVANCE AND REIMBURSABLE PAYMENTS – FINANCIAL ASSISTANCE. See provision J in the attachment, ‘U.S. Forest Service Award Provisions.’
- D. PRE-AWARD COSTS FOR STATE, LOCAL, AND INDIAN TRIBAL GOVERNMENTS Pursuant to OMB Circular A-87, Attachment-B, No. 31, pre-award costs incurred as of April 1, 2013, are hereby authorized under this award.
- E. INDIRECT COST RATES. Indirect cost rates must be formalized in a written agreement between the cognizant agency and recipient and have an effective period applicable to the term of this award.

(1) If the recipient does not have a previously established indirect cost rate with a Federal agency, the recipient shall submit its initial indirect cost proposal to its cognizant audit agency no later than three months after the effective date of the

award. The recipient 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 the recipient 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, the recipient 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 U.S. Forest Service.

- F. PROGRAMMATIC CHANGES. Placer County shall obtain prior approval for any change to the scope of objectives of the approved project, key personnel, or transfer of substantive programmatic work to another party.
- G. MODIFICATIONS. Modifications within the scope of this award shall 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 90 days prior to implementation of the requested change. The U.S. Forest Service is not obligated to fund any changes not properly approved in advance.
- H. COMMENCEMENT/EXPIRATION DATE. This award is executed as of the date of the last signature and is effective through 6/30/2018 at which time it will expire, unless extended by an executed modification, signed and dated by all properly authorized, signatory officials.

ATTACHMENT A: U.S. FOREST SERVICE AWARD PROVISIONS

- A. COLLABORATIVE ARRANGEMENTS. Where permitted by terms of the award, Placer County may enter into collaborative arrangements with other organizations to jointly carry out activities with grant funds.
- B. FOREST SERVICE LIABILITY TO THE RECIPIENT. The United States shall not be liable to the recipient 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 the recipient or any third party.
- C. NOTICES. Any notice given by the U.S. Forest Service or Placer 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 U.S. Forest Service Program Manager, at the address specified in the grant.

To Placer County, at Placer County's address shown in the grant or such other address designated within the grant.

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

- D. USE OF U.S. FOREST SERVICE INSIGNIA. In order for Placer County to use the U.S. Forest Service insignia on any published media, such as a webpage, printed publication, or audiovisual production, permission must be granted from the U.S. Forest Service's Office of Communications. A written request must be submitted and approval granted in writing by the Office of Communications (Washington Office) prior to use of the insignia.
- E. MEMBERS OF U.S. CONGRESS. Pursuant to 41 U.S.C. 22, no United States member of, or United States delegate to, Congress shall be admitted to any share or part of this award, or benefits that may arise therefrom, either directly or indirectly.
- F. 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),” as implemented by our agency at 2 CFR 417.
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),” as implemented by our agency at 2 CFR 417.
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).

G. DRUG-FREE WORKPLACE.

1. Placer 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 Placer County will take against employees for violating that prohibition; and
 - c. Let each employee know that, as a condition of employment under any instrument, he or she
 - (1) Must abide by the terms of the statement, and
 - (2) Must notify you in writing if he or she is convicted for a violation of a criminal drug statute occurring in the workplace, and must do so no more than five calendar days after the conviction.
2. Placer 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. Your 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 U.S. Forest Service'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 award, or the completion date of this award, whichever occurs first.
4. Placer County agree(s) to immediately notify the U.S. Forest Service 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 U.S. Forest Service within ten calendar days after Placer County learn(s) of the conviction.
5. Within 30 calendar days of learning about an employee's conviction, Placer

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.
- H. ELIGIBLE WORKERS. Placer 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). Placer 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.
- I. FINANCIAL STATUS REPORTING. A Federal Financial Report, form SF-425 (and Federal Financial Report Attachment SF-425A, if required for reporting multiple grants), must be submitted semi-annually. 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.
- J. 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 shall be submitted on Standard Form (SF) 270 or 271, and shall be submitted no more than monthly. In order to approve a Request for Advance Payment or Reimbursement, the U.S. Forest Service shall review such requests to ensure advances or payments for reimbursement are in compliance and otherwise consistent with OMB, USDA, and U.S. Forest Service regulations. Advance payments shall not exceed the minimum amount needed or no more than is needed for a 30-day period, whichever is less. If Placer County receive(s) 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 U.S. Forest Service can approve the request for payment. Any funds advanced, but not spent, upon expiration of this award shall be returned to the U.S. Forest Service.

The invoice must be sent by one of three methods (email is preferred):

EMAIL: bshanley@fs.fed.us
POSTAL: Lake Tahoe Basin Management Unit
Attn: Barbara Shanley
35 College Drive
South Lake Tahoe, CA 96150

- K. AWARD CLOSEOUT. Placer County shall close out the grant within 90 days after expiration or notice of termination.

Any unobligated balance of cash advanced to Placer County shall be immediately refunded to the U.S. Forest Service, including any interest earned in accordance with 7 CFR 3016.21, 7 CFR 3019.22, or other relevant law or regulation.

Within a maximum of 90 days following the date of expiration or termination of this grant, all financial performance and related reports required by the terms of the award shall be submitted to the U.S. Forest Service by Placer County.

If this award is closed out without audit, the U.S. 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.

- L. PROGRAM PERFORMANCE REPORTS. Placer County shall monitor the performance of the grant activities to ensure that performance goals are being achieved.

Performance reports shall contain information on the following:

- A comparison of actual accomplishments to the goals established for the period. Where the output of the project can be readily expressed in numbers, a computation of the cost per unit of output may be required if that information is useful.
- Reason(s) for delay if established goals were not met.
- Additional pertinent information including, when appropriate, analysis and explanation of cost overruns or high unit costs.

Placer 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 Placer County's final payment request, or separately, but not later than 90 days from the expiration date of the grant.

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

- N. CHANGES IN KEY POSITIONS AND PERSONNEL. Any revision to key positions and personnel identified in the application for this award require prior, written approval from the U.S. Forest Service. All technical positions are considered Key Personnel by

the U.S. Forest Service. Failure on the part of Placer County to obtain prior, written approval when required may result in the disallowance of costs.

- O. FREEDOM OF INFORMATION ACT (FOIA). Public access to grant or agreement records shall 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).
- 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 recipients and subrecipients 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 the U.S. Forest Service's policy to inform the public as fully as possible of its programs and activities. Placer County is/are encouraged to give public notice of the receipt of this award and, from time to time, to announce progress and accomplishments. Press releases or other public notices should include a statement substantially as follows:

" The Lake Tahoe Erosion Control Grants Program of the U.S. Forest Service, Department of Agriculture, funds the planning and construction of Urban Erosion Control Projects. This program allows government agencies with jurisdictions within the Lake Tahoe Basin to design and implement water quality improvement elements within the jurisdictional right-of-way or acquired easements. These elements are mainly intended to remove or reduced fine sediment loading to creeks and tributaries to Lake Tahoe as well as the Lake itself. . "

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

- R. FUNDING EQUIPMENT. Federal funding under this award is not available for reimbursement of Placer 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. U.S. FOREST SERVICE ACKNOWLEDGED IN PUBLICATIONS, AUDIOVISUALS, AND ELECTRONIC MEDIA. Placer County shall acknowledge U.S. Forest Service support in any publications, audiovisuals, and electronic media developed as a result of this award.
- T. NONDISCRIMINATION STATEMENT – PRINTED, ELECTRONIC, OR AUDIOVISUAL MATERIAL. Placer 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.”

- U. TERMINATION BY MUTUAL AGREEMENT. This award may be terminated, in whole or part, as follows:

- When the U.S. Forest Service and Placer County agree upon the termination conditions, including the effective date and, in the case of partial termination, the portion to be terminated.
- By 30 days written notification by Placer County to the U.S. Forest Service setting forth the reasons for termination, effective date, and in the case of partial termination, the portion to be terminated.

If, in the case of a partial termination, the U.S. Forest Service determines that the remaining portion of the award will not accomplish the purposes for which the award was made, the U.S. Forest Service may terminate the award in its entirety.

Upon termination of an award, Placer County shall not incur any new obligations for the terminated portion of the award after the effective date, and shall cancel as many outstanding obligations as possible. The U.S. Forest Service shall allow full credit to Placer County for the United States Federal share of the non-cancelable obligations properly incurred by Placer County up to the effective date of the termination. Excess funds shall be refunded within 60 days after the effective date of termination.

V. DISPUTES.

1. Any dispute under this award shall be decided by the Signatory Official. The Signatory Official shall furnish Placer County a written copy of the decision.
2. Decisions of the Signatory Official shall be final unless, within 30 days of receipt of the decision of the Signatory Official, Placer County appeal(s) the decision to the U.S. 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 Signatory Official.
3. In order to facilitate review on the record by the Director, AQM, Placer County shall be given an opportunity to submit written evidence in support of its appeal. No hearing will be provided.

W. DEBARMENT AND SUSPENSION. Placer County shall immediately inform the U.S. 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 Placer County or any of their principals receive a transmittal letter or other official federal notice of debarment or suspension, then they shall notify the U.S. Forest Service without undue delay. This applies whether the exclusion, debarment, or suspension is voluntary or involuntary.

X. SYSTEM FOR AWARD MANAGEMENT REGISTRATION AND UNIVERSAL IDENTIFIER REQUIREMENTS

1. *Requirement for System for Award Management Registration (SAM – formerly Central Contractor Registration or CCR):*
The recipient must maintain the currency of information in the SAM until submission of the final financial report required under this award or receipt of the final payment, whichever is later. This requires that a review and update of the information at least annually after the initial registration, and more frequently if required by changes in information or another award term.
2. *Requirement for Data Universal Numbering System (DUNS) Numbers:*
If authorized to make subawards under this award:
 - a. Must notify potential subrecipients that no entity (see definition in paragraph C of this award term) may receive a subaward unless the entity has provided its DUNS number to you.
 - b. May not make a subaward to an entity unless the entity has provided its DUNS number.
3. *Definitions:*
For purposes of this award term:

- a. *System for Award Management Registration (SAM)* means the Federal repository into which an entity must provide information required for the conduct of business as a recipient. Additional information about registration procedures may be found at the SAM Internet site (currently at <https://www.sam.gov>).
- b. *Data Universal Numbering System (DUNS) number* means the nine-digit number established and assigned by Dun and Bradstreet, Inc. (D&B) to uniquely identify business entities. A DUNS number may be obtained from D&B by telephone (currently 866-705-5711) or the Internet (currently at <https://fedgov.dnb.com/webform>).
- c. *Entity*, as it is used in this award term, means all of the following, as defined at 2 CFR part 25, subpart C:
 - 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; and
 - v. A Federal agency, but only as a subrecipient under an award or subaward to a non-Federal entity.

4. *Subaward:*

- a. This term means a legal agreement to provide support for the performance of any portion of the substantive project or program covered by this award and that are subsequently awarded to an eligible subrecipient.
- b. The term does not include procurement of property and services needed to carry out the project or program (for further explanation, see Sec. 11.210 of the attachment to OMB Circular A-133, "Audits of States, Local Governments, and Non-Profit Organizations").
- c. A subaward may be provided through any legal agreement, including an agreement that may be considered a contract.

5. *Subrecipient:*

- a. Receives a subaward under this award;
- b. Is accountable to the recipient for the use of the Federal funds provided by the subaward.

[END OF PROVISION]

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

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 *Other (Specify) _____ <input type="checkbox"/> Revision		
3. Date Received: 04/26/2013		4. Applicant Identifier:
5a. Federal Entity Identifier:		*5b. Federal Award Identifier: 13-DG-11051900-025
State Use Only:		
6. Date Received by State:		7. State Application Identifier:
8. APPLICANT INFORMATION:		
*a. Legal Name: County of Placer		
*b. Employer/Taxpayer Identification Number (EIN/TIN): 94-6000527		*c. Organizational DUNS: 785269440
d. Address:		
*Street 1: 3091 County Center Dr., Ste. 220		
Street 2: _____		
*City: Auburn		
County: _____		
*State: CA		
Province: _____		
*Country: USA		
*Zip / Postal Code 95603		
e. Organizational Unit:		
Department Name: Public Works		Division Name: Tahoe Engineering
f. Name and contact information of person to be contacted on matters involving this application:		
Prefix: _____		*First Name: Kansas
Middle Name: _____		
*Last Name: McGahan		
Suffix: _____		
Title: Senior Engineer		
Organizational Affiliation:		
*Telephone Number: 530-581-6217		Fax Number: 530-581-6239
*Email: kmcgahan@placer.ca.gov		

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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:**

US Department of Agriculture, US Forest Service

11. Catalog of Federal Domestic Assistance Number:

10.690

CFDA Title:

Lake Tahoe Erosion Control Program

***12 Funding Opportunity Number:**

10.690

*Title:

Lake Tahoe Erosion Control Program

13. Competition Identification Number:

Title:

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

Lake Tahoe Basin, Placer County, California

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

SNPLMA Round 12 - Erosion Control Projects, Site Improvement

West Sunnyside Water Quality Improvement Project,

Lake Forest Erosion Control Project - Panorama

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Application for Federal Assistance SF-424		Version 02
16. Congressional Districts Of:		
*a. Applicant: 4th	*b. Program/Project: 4th	
17. Proposed Project:		
*a. Start Date: 6/30/2013	*b. End Date: 6/30/2018	
18. Estimated Funding (\$):		
*a. Federal	a.) 2,300,000	
*b. Applicant		
*c. State	c.) 2,000,000	
*d. Local	d)300,000	
*e. Other		
*f. Program Income		
*g. TOTAL	g)4,600,000	
*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: Mr.		*First Name: Ken
Middle Name:		
*Last Name: Grehm		
Suffix:		
*Title: Director of Public Works		
*Telephone Number: 530-745-7500	Fax Number: 530-745-7544	
* Email: kgrehm@placer.ca.gov		
*Signature of Authorized Representative: <i>Ken Grehm</i>	*Date Signed: 4/22/13	

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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	\$ 260,000.00	\$ 260,000.00	\$ 520,000.00
2.	Land, structures, rights-of-way, appraisals, etc.	\$	\$	\$ 0.00
3.	Relocation expenses and payments	\$	\$	\$ 0.00
4.	Architectural and engineering fees	\$	\$	\$ 0.00
5.	Other architectural and engineering fees	\$	\$	\$ 0.00
6.	Project inspection fees	\$	\$	\$ 0.00
7.	Site work	\$	\$	\$ 0.00
8.	Demolition and removal	\$	\$	\$ 0.00
9.	Construction	\$ 1,040,000.00	\$ 1,040,000.00	\$ 2,080,000.00
10.	Equipment	\$	\$	\$ 0.00
11.	Miscellaneous	\$	\$	\$ 0.00
12.	SUBTOTAL (sum of lines 1-11)	\$ 1,300,000.00	\$ 1,300,000.00	\$ 2,600,000.00
13.	Contingencies	\$	\$	\$ 0.00
14.	SUBTOTAL	\$ 1,300,000.00	\$ 1,300,000.00	\$ 2,600,000.00
15.	Project (program) income	\$	\$	\$ 0.00
16.	TOTAL PROJECT COSTS (subtract #15 from #14)	\$ 1,300,000.00	\$ 1,300,000.00	\$ 2,600,000.00
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 <u>0.50</u> 2,600,000.00		\$ 1,300,000.00

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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	\$ 260,000.00	\$ 260,000.00	\$ 520,000.00
2.	Land, structures, rights-of-way, appraisals, etc.	\$	\$	\$ 0.00
3.	Relocation expenses and payments	\$	\$	\$ 0.00
4.	Architectural and engineering fees	\$	\$	\$ 0.00
5.	Other architectural and engineering fees	\$	\$	\$ 0.00
6.	Project inspection fees	\$	\$	\$ 0.00
7.	Site work	\$	\$	\$ 0.00
8.	Demolition and removal	\$	\$	\$ 0.00
9.	Construction	\$ 1,040,000.00	\$ 1,040,000.00	\$ 2,080,000.00
10.	Equipment	\$	\$	\$ 0.00
11.	Miscellaneous	\$	\$	\$ 0.00
12.	SUBTOTAL (sum of lines 1-11)	\$ 1,300,000.00	\$ 1,300,000.00	\$ 2,600,000.00
13.	Contingencies	\$	\$	\$ 0.00
14.	SUBTOTAL	\$ 1,300,000.00	\$ 1,300,000.00	\$ 2,600,000.00
15.	Project (program) income	\$	\$	\$ 0.00
16.	TOTAL PROJECT COSTS (subtract #15 from #14)	\$ 1,300,000.00	\$ 1,300,000.00	\$ 2,600,000.00
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 2,600,000.00	<u>0.50</u>	\$ 1,300,000.00

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Attachment D

Placer County Dept. of Public Works
USFS SNPLMA Round 12 - Grant Program
REVISED: March 11th, 2013

Lake Forest Erosion Control Project – Panorama

**US FOREST SERVICE SNPLMA ROUND 12 GRANT PROGRAM
FEBRUARY 3, 2012 APPLICATION**

A. APPLICANT:

Placer County Tahoe Design Division
P.O. Box 336 (7717 North Lake Boulevard)
Kings Beach, CA 96143

Project Manager: Kansas McGahan

Phone: (530) 581-6217

Fax: (530) 581-6239

Email: kmcgahan@placer.ca.gov

B. PROJECT TITLE:

Lake Forest Erosion Control Project – Area B (Panorama)

C. EIP #'s:

The Lake Forest Erosion Control Project (Lake Forest ECP) – Area B (Panorama) encompasses one watershed (Lake Forest Creek) along the north shore of Lake Tahoe and one Environmental Improvement Program (EIP) project:

- 10061 (Lake Forest);

The project will also contribute run-off to the SEZ/Restoration project completed in 2010, that incorporated the following 5 EIP projects:

- 649 (Restoration of 40 acres of Stream Environment Zone (SEZ) in Placer County);
- 1004 (Upland Wildlife Program);
- 10142 (Riparian Wildlife Enhancements: Phase II);
- 10143 (Riparian Wildlife Enhancements: Phase III); and
- 10144 (Lake Forest Meadow Habitat Restoration).

D. TYPE OF GRANT REQUESTED AND AMOUNT:

Placer County is requesting a site improvement grant in the amount of \$1,300,000.

E. STATEMENT OF NEED:

The Lake Forest Erosion Control Project – Area B (Panorama) is the third and final phase of water quality improvements that will effectively address storm water issues from County Right-of-Way (ROW) within the Lake Forest watershed. The urbanized

project area includes the developed commercial land use fronting Lake Forest Road as well as addressing stream environment zone restoration opportunities on California State Parks and California Tahoe Conservancy parcels. The upgradient drainage, was studied as part of the watershed planning approach to develop hydrological models and to identify and prioritize sediment sources areas. The project will effectively address water quality concerns in the project area from the County right-of-way (ROW).

Residential streets included in the Panorama phase are located south and east of Lake Forest Road (west of Dollar Hill) and encompass the older Panorama neighborhood. These streets have unimproved or poorly improved roadways without any existing or updated conveyance and treatment facilities. Runoff from the county ROW within the project area contributes sediment into tributaries of Lake Tahoe. The project area is also characteristically defined by steep slopes discharge runoff directly into the newly defined stream environment zone south of State Route 28 (Meadow Restoration Phase).

This project is part of an ongoing effort to retrofit County ROW within the Basin with Best Management Practices (BMP) improvements to reduce sediment and nutrient loading to Lake Tahoe in accordance with the EIP. The planning and preliminary engineering design for the project utilized the guidelines contained in, *Formulating and Evaluating Alternatives for Water Quality Improvement Projects* July 2004 (SWQIC), prepared for the Lake Tahoe Basin Storm Water Improvement Committee.

This project will address the regulatory threshold established by the Lahontan RWQCB in the Placer County jurisdictional stormwater discharge permit. The permit outlines these discharge limits under a county-wide TMDL goal for reducing fine sediments.

F. GOALS AND OBJECTIVES:

Water quality improvements will be addressed in a cost-effective and practical manner. This design goal is considered to be in general accordance with the federal SNPLMA erosion control program objectives; that is, treatment of excess storm water runoff shall be done in a cost- and time-effective manner with a priority on infiltration.

The focus of project-specific objectives, in order of priority, is to first employ source control measures to prevent mobilization of fine sediment and nutrients by erosion (source control), second to maximize infiltration opportunities (hydrologic design) and reduce surface water volumes, and lastly to remove fine sediment and nutrients from storm water (treatment). Possible project improvements that will be considered include (but are not limited to) the following:

- Source controls to prevent sediment and nutrients from becoming mobilized during runoff.
- Hydrologic controls to reduce runoff volumes such as separation of clean storm water, flow distribution to facilitate slow velocity sheet flow, and dissipation of concentrated flows where feasible.
- Hydrologic design emphasizing infiltration into existing or enhanced vegetated areas.

- Capitalizing on restoring channels for stream environment zone restorations south of Lake Forest Road and on a CTC parcel just prior to outfalling into Lake Tahoe.
- Sediment drains and/or filters for heavy sediment loading along Lake Forest Road to provide treatment prior to discharge into the SEZ areas.

G. PROJECT DESCRIPTION:

The project includes drainage and water quality improvements within the Panorama neighborhood, which is an older Lake Tahoe subdivision. Currently, impervious surface runoff sheet flows across narrow streets and conveys storm runoff to Lake Tahoe without treatment. The overall goal of this aspect of the project is to prevent erosion at the source, promote infiltration to reduce the hydrologic load, and then treat storm water before being discharged to the SEZ south of Lake Forest Road and ultimately Lake Tahoe. The project will enhance water quality features within the Placer County right-of-way.

The water quality improvements of the project consist of:

- Source control at erosive locations (slopes, shoulders, channels);
- Volume reduction through infiltration (drop inlets, sediment cans, and channels);
- Improved surface water collection;
- Increased storm drainage system capacity; and
- Flow redirection into SEZ restoration areas completed as Phase 1 (Meadow Restoration) of the project.

Overall benefits of this project include improved aesthetics, enhanced native vegetation growth adjacent to the public right-of-way, improved public safety, and reduced sediment and nutrient loadings reaching Lake Tahoe.

NOTE: This project phase has been previously funded through SNPLMA Round 10 funds. Current phase status is at about 90% plan set design level. All environmental NEPA and CEQA documentation needs are complete.

H. EVALUATION AND MONITORING:

Deliverables will be completed per the attached schedule to this application.

Placer County will utilize the Pollutant Load Reduction Model (PLRM) to predict the reduction of sediment load into Lake Tahoe through implementation of this phase of the Lake Forest project. Placer County will be accountable based on the predicted reduction from this model as well as the TMDL tools available.

I. PROJECT BUDGET AND SCHEDULE:

Placer County requests one million, three hundred thousand dollars (\$1,300,000) from the United States Forest Service (USFS) in site improvement for the construction of Lake Forest ECP – Area B (Panorama).

Where the proposed grant funds will be spent:

Construction (see attached engineer’s estimate) \$1,300,000

Items where requested grant funds will be applied are in bold. The following schedule is based on a phased construction schedule:

Funds	Task	Anticipated Completion
Site Improvement (Round 10)	Final Design (Panorama/Lake Forest)	July 2013
Site Improvement (Round 10)	Permitting (Panorama/Lake Forest)	Summer 2013
Site Improvement (Round 10)	Utility Coordination	September 2013 (on-going)
Site Improvement (Round 10)	Easements and Acquisitions	September 2013 (on-going)
	Public Bid/Contracting	Winter 2013-2014
Site Improvement (Round 11 and Round 12 – This grant award, in addition to additional funding TBD)	Construction of Lake Forest – Panorama Phase	May 1 through October 2015 (two seasons)

J. KEY PERSONNEL:

Project Manager/Engineer: Kansas McGahan

NEPA Document Coordinator: Marla Holveck

Contracted Consultants: None at this time

K. PROJECT LOCATION:

The Lake Forest ECP is located at the base of Dollar Hill and adjacent to Lake Tahoe approximately 3 miles east of Tahoe City. Because of the large size of the watersheds involved, the project was divided into three project phases.

**US FOREST SERVICE SNPLMA ROUND 12 GRANT PROGRAM
March 26, 2012 APPLICATION**

A. APPLICANT:

Placer County Tahoe Design Division
P.O. Box 336 (7717 North Lake Boulevard)
Kings Beach, CA 96143

Project Manager: Greg Keaveney

Phone: (530) 581-6232

Fax: (530) 581-6239

Email: gkeaveney@placer.ca.gov

B. PROJECT TITLE:

West Sunnyside Erosion Control Project Phase 2

C. EIP #'s:

The West Sunnyside Erosion Control Project encompasses one watershed (Ward Creek) along the north shore of Lake Tahoe and one Environmental Improvement Program (EIP) project with two phases:

- 220.2 (W. Sunnyside) Phase 1 (Basin); and
- Phase 2 (Talmont)

D. TYPE OF GRANT REQUESTED AND AMOUNT:

Placer County is requesting a site improvement grant in the amount of \$1,000,000.

E. STATEMENT OF NEED:

The West Sunnyside Erosion Control Project – Phase 2 will effectively address water quality issues within the County Right-of-Way (ROW) of the Ward Creek watershed. The urbanized project area includes the developed residential land use of the Talmont Subdivision of West Sunnyside. The upgradient drainage, was studied as part of the watershed planning approach to develop hydrological models and to identify and prioritize sediment sources areas. The project will effectively address water quality concerns in the project area from the County right-of-way (ROW).

The residential developments in the project area have unimproved or poorly improved roadways without any existing or updated conveyance and treatment facilities. Runoff

from the county ROW within the project area contributes sediment into tributaries of Lake Tahoe. The project area is also characteristically defined by steep slopes discharge runoff directly into the newly defined stream environment zone south of State Route 28.

This project is part of an ongoing effort to retrofit County ROW within the Basin with Best Management Practices (BMP) improvements to reduce sediment and nutrient loading to Lake Tahoe in accordance with the EIP. The planning and preliminary engineering design for the project utilized the guidelines contained in, *Formulating and Evaluating Alternatives for Water Quality Improvement Projects* July 2004 (SWQIC), prepared for the Lake Tahoe Basin Storm Water Improvement Committee.

This project will address the regulatory threshold established by the Lahontan RWQCB in the Placer County jurisdictional stormwater discharge permit. The permit outlines these discharge limits under a county-wide TMDL goal for reducing fine sediments.

F.

GOALS AND OBJECTIVES: The primary project goal is to provide water quality treatment in compliance with Placer County's Municipal National Pollutant Discharge Elimination System (NPDES) Storm Water Permit issued by Lahontan Water Quality Control Board Permit No. CAG616001. A secondary goal, not limited to the scope of this project, is for Placer County to stay abreast of current efforts to establish a quantitative Total Maximum Daily Load (TMDL) for Lake Tahoe. The County will continue to participate in load allocation reduction efforts with respect to fine sediments and nutrients, that can as appropriately, be applied to this project.

Discharge specifications for effluent from the project area are stated in the NPDES permit as follows:

"All storm water/urban runoff flows generated within the project area which are discharged to publicly owned or maintained land treatment or infiltration systems, or to surface waters shall not contain constituents in the excess of the following limits:

Constituent	Units*	Max. Discharge to Land Treatment/ Infiltration Systems	Max. Discharge to Surface Waters
Total Nitrogen	mg/L as N	5.0	0.5
Total Phosphorus	mg/L as P	1.0	0.1
Total Iron	mg/L	4.0	0.5
Turbidity	NTU	200	20.0
Grease and Oil	mg/L	40	2.0

*mg/L milligrams of substance per liter of storm water

*NTU nephelometric turbidity units"

With regard to runoff from properties that discharge to the project area and its watersheds, the NPDES permit states:

"If constituent concentrations of runoff entering the project area exceed the numerical standards specified above, there shall be no increase in the constituent concentrations in the storm water/urban runoff flows that are discharged from the project area." More specifically, non-compliant properties will be addressed as part of this project to the extent that they fall within the project area watershed.

Water quality regulations in the NPDES permit also include a statement regarding impacts on receiving waters. Water quality parameters for receiving waters with stated objectives include color, taste and odor, floating material, suspended material, settleable material, oil and grease, biostimulatory substances, sediment, turbidity, pH, dissolved oxygen, bacteria, temperature, toxicity, pesticides, chemical constituents, and un-ionized ammonia. For receiving waters below the project area, these water quality parameters also apply to the project's water quality goal.

In addition, discharges are further regulated in the NPDES permit and apply to the project area, as follows:

- Discharges of human-induced waste from new development within stream environment zones (SEZs) to surface water are prohibited.
- Discharges of hazardous materials or petroleum products are prohibited.
- Treatment of runoff from impervious surfaces of the 20-year, 1-hour storm is required.
- Stabilization of drainage or storm drains to accept overflow discharge is required.
- Maintenance and efficient operation of all storm water facilities is required.
- Control of runoff to not cause downstream erosion is required.
- Control of runoff and discharges so as not to cause or threaten to cause pollution or a nuisance is required.

Water quality improvements will be addressed in a cost-effective and practical manner. This design goal is considered to be in general accordance with both the federal SNPLMA erosion control program and the CTC water quality grant program objectives; that is, treatment of excess storm water runoff shall be done in a cost- and time-effective manner.

The focus of project-specific objectives, in order of priority, is to first employ source control measures to prevent mobilization of fine sediment and nutrients by erosion (source control), second to maximize infiltration opportunities (hydrologic design) and reduce surface water volumes, and lastly to remove fine sediment and nutrients from storm water (treatment). Possible project improvements that will be considered include (but are not limited to) the following:

- Source controls to prevent sediment and nutrients from becoming mobilized during runoff.
- Hydrologic controls to reduce runoff volumes such as separation of clean storm water, flow distribution to facilitate slow velocity sheet flow, and dissipation of concentrated flows where feasible.
- Hydrologic design emphasizing infiltration into existing or enhanced vegetated areas.

G. PROJECT DESCRIPTION:

The project area is part of Environmental Improvement Program (EIP) Project #220 as identified by the Tahoe Regional Planning Agency (TRPA). Historically, the project area

included the Talmont Subdivision (±230 acres) and the Lake Tahoe Park Subdivision (±83 acres), both residing just west of State Highway 89 (see Figures 1 and 2). Due to the relatively large size of both subdivisions and intervening steep terrain separating the two developments, it was decided to divide the EIP designation into two projects – one designated as Lake Tahoe Park (EIP #220.1) and the other designated as West Sunnyside (EIP #220.2).

The West Sunnyside project area includes all of the Talmont Subdivision (±230 acres) and the downgradient steep mostly undeveloped land on the southeast side of the subdivision sloping down to Washoe Way and Ward Creek, for a total project area of ±448 acres (Figure 3). The project is generally bounded by Woodleigh Road to the west, Silver Tip Drive to the northwest, Big Pine Drive to the northeast, and Washoe Way to the southeast. The project has been broken down into two phases, the first phase being the construction of a large detention basin, and the second phase being subdivision improvements.

Besides residential development, there is some open space located on both private and public properties within the project area located both upgradient and downgradient of the subdivision.

The project will enhance water quality features within the Placer County right-of-way. The water quality improvements of the project consist of:

- Source control at erosive locations (slopes, shoulders, channels);
- Volume reduction through infiltration (drop inlets, sediment cans, and channels);
- Improved surface water collection;
- Increased storm drainage system capacity; and
 - Flow redirection into completed settling basin completed as Phase 1 of the project.

Overall benefits of this project include improved aesthetics, enhanced native vegetation growth adjacent to the public right-of-way, improved public safety, and reduced sediment and nutrient loadings reaching Lake Tahoe.

H. EVALUATION AND MONITORING:

Deliverables will be completed per the attached schedule to this application.

The Regional Storm Water Monitoring Program implemented by the Tahoe Science Consortium will be monitoring progress towards the TMDL. Placer County will utilize the new PLRM model to predict the reduction of sediment load into Lake Tahoe through implementation of the project. Objectives of the project can be evaluated, and Placer County will be accountable based on the predicted reduction from these tools.

I. PROJECT BUDGET AND SCHEDULE:

Placer County requests one million dollars (\$1,000,000) from the United States Forest Service (USFS) in site improvement for the construction of The West Sunnyside Erosion Control Project Phase 2.

Where the proposed grant funds will be spent:

Construction (inspection and testing /admin)	\$133,718
Construction (see attached engineer's estimate)	\$866,282

Items where requested grant funds will be applied are in bold. The following schedule is based on a phased construction schedule:

Type	Tasks	Date Completed	Date Anticipated
Planning	FAM/EAM	2005	N/A
Planning	ECAM	2005	N/A
Planning	ECAM/FAM Wildlife and Recreation	March 2006	N/A
Environmental	CEQA Completion	February 2007	N/A
Planning	100% Design Submittal	April 2008	N/A
Planning	SWPPP	August 2009	N/A
Environmental	NEPA Completion	February 2009	N/A
Site Improvement	Final Design Begun	March 2009	N/A
Construction	Phase 1 (Basin)	2010	2010
Construction	Phase 1 (Basin) Complete	2011	2011
Final Design	Final Design (Phase 2) 75%-100%		2012-2013
Construction	Phase 2 (Talmont)		June - October 2014

J. KEY PERSONNEL:

Project Manager/Engineer: Greg Keaveney

NEPA Document Coordinator: Marla Holveck

Contracted Consultants: None at this time

K. PROJECT LOCATION:

The West Sunnyside ECP is located approximately 3 miles south of Tahoe City, in the general vicinity of the Talmont subdivision.