



COUNTY OF PLACER
Community Development/Resource Agency

PLANNING
SERVICES DIVISION

Michael J. Johnson, AIPC
Agency Director

MEMORANDUM

TO: Honorable Board of Supervisors
FROM: Michael J. Johnson, AIPC
Agency Director
DATE: February 4, 2014
SUBJECT: PLACER COUNTY CONSERVATION PLAN CONTRACT AMENDMENTS

ACTIONS REQUESTED:

1. Authorize the Chairman to sign a Budget Revision increasing Planning's budget revenues in the amount of \$160,810 and expenditures in the amount of \$160,810 to provide for funding to continue work on the Placer County Conservation Plan and County Aquatic Resources Program with no additional net County cost; and
2. Approve a contract amendment with TRA Environmental Sciences, Inc. for continued preparation of the Placer County Conservation Plan and County Aquatic Resources Program in the amount of \$165,000 (for a total aggregate amount of \$1,348,895) with no additional net County cost, and authorize the County Executive Officer to sign the contract amendment; and
3. Approve a contract amendment with Salix Consulting, Inc. for continued preparation of the Placer County Conservation Plan and County Aquatic Resources Program in the amount of \$40,000 (for a total aggregate amount of \$205,325) with no additional net County cost, and authorize the County Executive Officer to sign the contract amendment; and
4. Approve a contract amendment with Hausrath Economics Group for continued preparation of the Placer County Conservation Plan and County Aquatic Resources Program in the amount of \$90,400 (for a total aggregate amount of \$734,362) with no additional net County cost, and authorize the County Executive Officer to sign the contract amendment.

BACKGROUND

The Planning Services Division continues with the preparation of the Placer County Conservation Plan (PCCP) and County Aquatic Resources Program (CARP) as well as continues permit discussions with the Wildlife Agencies. The PCCP work program continues to focus on completing the draft conservation strategy with the preparation of documents chapters 1 through 6. Once the draft conservation strategy is complete and these chapters have been reviewed by the Wildlife Agencies, work on the environmental documents can proceed. The key contract for completing the draft conservation strategy is with the consulting firm, TRA Environmental Sciences (TRA). Two other existing contracts include Salix Consulting Inc., formally known as North Fork Associates, who is preparing the CARP and Hausrath Economics Group (HEG) who is preparing the cost and funding reports for the programs.

These contract amendments are written with an expectation that draft chapters 1 through 6, which provide the basis for the PCCP's project description, will be substantially finished, as well as chapter 9 which describes the cost and funding for the plan. Work is anticipated to be completed by July 2014 and that other policy document chapters will be underway. As detailed below, the total of \$295,400 is being requested to amend existing contracts through June 2014. A budget revision increasing Planning's budget revenues and expenditures in the amount of \$160,810 is being requested to continue this work on the Placer County Conservation Plan and County Aquatic Resources Program (Exhibit A).

TRA Environmental Sciences

TRA is under contract with the Planning Services Division to prepare the PCCP conservation strategy, the species impact analysis, and the PCCP document and coordinate the conservation strategy for the County Aquatic Resources Program. This contract currently has approximately \$43,000 remaining in its budget. A contract amendment of \$165,000 is required to fund the continued work on these tasks. It is anticipated that additional funding will be required to complete the PCCP in subsequent years (FY 2014-15 and FY 2015-16). Work associated with this amendment includes preparation of the public review draft PCCP and CARP documents, technical support to agency staff through the review period, review and comment of agency and public comments, preparation of the final PCCP document, and ongoing biological support to the County. A complete description of the scope of work associated with the proposed contract amendment is provided in Exhibit B. Funding for the contract amendment will initially come from the Planning Division's professional services fund; however we anticipate that \$107,250 or 65 percent will be reimbursed through the Section 6 grant program once the grant contract is finalized (see Contract Amendments Funding discussion below).

Salix Consulting Inc.

Salix Consulting Inc. is currently under contract with the Planning Services Division to prepare portions of the County Aquatic Resources Program and the supporting documents needed to obtain a series of related aquatic resources regulatory permits. This contract currently has approximately \$1,000 remaining in its budget. A contract amendment of \$40,000 is requested in order to continue work on the CARP document, finalize the various Clean Water Act permits and all supporting documents, support County Counsel in updating existing County ordinances, and provide ongoing support to the PCCP program. A complete description of the scope of work associated with the proposed contract amendment is provided in Exhibit C. All of the funding for this contract amendment is expected to be reimbursed through the Section 6 grant program once the grant contract is finalized.

Hausrath Economics Group

Hausrath Economics Group is currently under contract with Planning Services Division to provide documentation, technical analysis, and on-going support to develop the PCCP and CARP. This contract currently has approximately \$10,000 remaining in its budget. A contract amendment of \$90,400 is being requested for additional work related to cost modeling and analysis of the PCCP conservation strategy. This amendment also includes the re-writing of the Cost and Funding chapter, and continued review of cost assumptions, monitoring costs, financial analysis, support to the PCCP Finance Committee and report preparation. A complete description of the scope of work associated with the proposed contract amendment is provided in Exhibit D. Funding for the contract amendment will come from the Planning Division's professional services fund; however we anticipate that \$13,560 will be reimbursed through the Section 6 grant program once the Placer's grant contract is finalized. For this contract, Section 6 program reimbursement is limited to 15 percent because of the specific tasks funded under the grant.

Contract Amendments Funding

To fund a portion of the contract amendments, the Planning Services Division is requesting a budget revision (Exhibit A) in the amount of \$160,810. The budget revision is being requested to cover the Section 6 grant program cost for the proposed amendments; however, staff anticipates all of these costs will be reimbursed through the federal Cooperative Endangered Species Conservation Fund (Section 6) grant program, administered by the California Department of Fish and Wildlife (DFW). In 2013, Placer County was awarded another Section 6 grant for a variety of PCCP tasks (Exhibit E). The total Section 6 award was \$1,215,333 dollars, \$796,500 from the State of California; and \$265,500 from Placer County which can be provided as funds or in-kind services, and \$153,333 for DFW overhead cost. However, due to additional grant detail information requests and the federal sequestration, Placer's Section 6 grant funding contract has been delayed. County staff had been working with both state and federal agency staff to finalize the contract; Exhibit F provides the Cooperative Endangered Species Conservation Fund annual grant awards listing published for 2013 from U.S. Fish and Wildlife Service. Now, the County is just waiting for the Department of Fish and Wildlife to finalize the contract (this could take up to 90 days). The PCCP work program is at a critical point, negotiating with wildlife agencies and re-drafting policy documents, a 90-day delay could mean that the County loses its review priority/positioning with federal agencies due to existing staff shortages and workload. Losing its position with the federal agencies could result in a substantial overall program delay. Therefore, staff is requesting a budget revision to move ahead on the work program without delays, with the expectation that Section 6 funds will be received this spring.

FISCAL IMPACT

There is no net County cost for this action. The total amount of the three contract amendments are \$295,400. A Budget Revision moving \$160,810 from the County's General Fund to Planning's budget revenues and expenditures is requested, but offsetting revenues from the federal Cooperative Endangered Species Conservation Fund (Section 6) grant program will cover these costs. The remaining \$134,590 needed for the contract amendments will be provided from the current Planning Division budget.

Exhibits:

- Exhibit A: Planning Services Division Budget Revision for the amount of \$160,810.
- Exhibit B: Seventh amendment to planning services agreement professional consultant services – TRA Environmental Sciences, Inc.
- Exhibit C: Forth amendment to planning services agreement professional consultant services –Salix Consulting, Inc.
- Exhibit D: Fifth amendment to planning services agreement professional consultant services –HEG.
- Exhibit E: Placer's 2013 Planning Assistance Grant
- Exhibit F: 2013 Cooperative Endangered Species Conservation Fund annual grant awards listing

cc: Jennifer Byous, Planning Division
Allison Carlos, County Executive Office
Patrick Moeszinger, Department of Fish and Wildlife

PAS DOCUMENT NO.

BUDGET REVISION

POST DATE:

| DEPT NO. | DOC TYPE | Total \$ Amount | TOTAL LINES |
|----------|----------|-----------------|-------------|
| 6 | BR | 321,620.00 | 6 |

Cash Transfer Required
 Reserve Cancellation Required
 Establish Reserve Required

11/28/14 Auditor-Controller
 County Executive
 Board of Supervisors

| ESTIMATED REVENUE ADJUSTMENT | | | | | | | | | | APPROPRIATION ADJUSTMENT | | | | | | | | | | | |
|------------------------------|-----|-----|------|----------|--------|-------|-------|-------|-----------|--------------------------|--------------|-----|-----|------|----------|--------|-------|-------|-------|-----------|------------|
| DEPT NO. | T/C | Rev | Fund | Sub Fund | OCA | PCA | OBJ 3 | PROJ. | PROJ. DTL | AMOUNT | DEPT NO. | T/C | Rev | Fund | Sub Fund | OCA | PCA | OBJ 3 | PROJ. | PROJ. DTL | AMOUNT |
| 06 | 006 | | 100 | | 992233 | 92233 | 7326 | | | 107,250.00 | 06 | 014 | | 100 | | 992233 | 92233 | 2555 | | | 107,250.00 |
| 06 | 006 | | 100 | | 992233 | 92233 | 7326 | | | 40,000.00 | 06 | 014 | | 100 | | 992233 | 92233 | 2555 | | | 40,000.00 |
| 06 | 006 | | 100 | | 992233 | 92233 | 7326 | | | 13,560.00 | 06 | 014 | | 100 | | 992233 | 92233 | 2555 | | | 13,560.00 |
| TOTAL | | | | | | | | | | 160,810.00 | TOTAL | | | | | | | | | | 160,810.00 |

REASON FOR REVISION: TO APPROPRIATE FUNDING FOR THREE PCCP CONTRACT AMENDMENTS AND FEDERAL SECTION 6 COOPERATIVE ENDANGERED SPECIES CONSERVATION FUND REVENUE.

Prepared by Donna Kirkpatrick Ext 3038
 Department Head _____
 Board of Supervisors _____

Date: 1/28/14
 Page: _____

Budget Revision # _____ FOR INDIVIDUAL DEPT USE

EXHIBIT A

38 Distribution: ORIGINAL ONLY to Auditor

**SEVENTH AMENDMENT TO PLANNING SERVICES AGREEMENT
PROFESSIONAL CONSULTANT SERVICES – TRA ENVIRONMENTAL SCIENCES, INC**

THIS SEVENTH AMENDMENT TO THE CONSULTANT SERVICES AGREEMENT is made and entered on this _____ day of _____, 2014, by and between the COUNTY OF PLACER, hereinafter referred to as COUNTY, and TRA ENVIRONMENTAL SCIENCES, INC., hereinafter referred to as CONSULTANT.

WHEREAS, on April 6, 2010, COUNTY and CONSULTANT entered into a Contract whereby consulting services would be provided to the COUNTY; and

WHEREAS, the parties have agreed to additional services to be provided by Consultant under said contract and the compensation for those additional services.

NOW, THEREFORE, IT IS MUTUALLY AGREED by and among the parties as follows:

1. That section 1 of the original Contract shall be amended to provide for the additional services and compensation as follows:

The CONSULTANT agrees to perform the additional professional services as set forth in Exhibit "A" attached hereto and incorporated herein by reference, and the total compensation to be paid CONSULTANT for these additional services shall not exceed \$165,000.00 as set out in Exhibit "A".

The CONSULTANT agrees to comply with the additional requirements as set forth by Department of Fish and Game in Exhibit "B" attached hereto and incorporated herein by reference.

2. The COUNTY agrees to pay to CONSULTANT \$1,348,895.00 as the sole compensation under the Contract and as amended by the First, Second, Third, Fourth, Fifth, Sixth and this Seventh Amendment.

EXCEPT as specifically modified above, all of the remaining terms and conditions of the said Contract shall remain and continue in full force and effect.

COUNTY OF PLACER:

By: _____
David Boesch, County Executive Officer

Date: _____

CONSULTANT:

By: _____
Paula Hartman, Esq. President
TRA Environmental Sciences, Inc.

Date: _____

APPROVED AS TO FORM:

By: _____
County Counsel

Date: _____

APPROVED AS TO CONTENT:

By: _____
Michael J. Johnson, AICP
Agency Director

Date: _____

EXHIBIT B

EXHIBIT A



545 Middlefield Road, Suite 200
Menlo Park, CA 94025-3472
Tel: (650) 327-0429
Fax: (650) 327-4024
www.TRAenviro.com

January 9, 2013

Mr. Loren E. Clark, Assistant Director of Planning
Placer County Community Development Department
3091 County Center
Auburn, California 95603

Subject: Proposal for Continued Services, Placer County Conservation Plan

Dear Mr. Clark:

The following tasks describe supplemental services for the continued preparation of the Placer County Conservation Plan (PCCP), including modifications to the PCCP based upon the review by the wildlife agencies. The tasks that would be undertaken are listed below with tasks 1 and 2 as the primary focus for this scope of work.

1. **Agency Draft PCCP Document.** Prepare the Second Agency Review Administrative Draft PCCP. TRA will continue to work with County staff to revise the PCCP document to reflect stakeholder input from the Ad Hoc Committee and prepare the maps and technical analysis supporting the Plan. This task is subdivided into two subtasks. Subtask A provides for the deliverable of the 2nd administrative draft PCCP Chapters 1-6. Subtask B provides for continued work of the remaining document chapters (Chapters 7-12) and appendices.
 - a. Subtask A is the primary task for this scope of work. The schedule for completion of this subtask is attached.
 - b. Subtask B is a secondary task for this scope of work. This subtask provides for the continued work efforts on the entire PCCP document including chapters 7-12.
2. **Integrate HCP/NCCP with 404/401 (CARP) Component of PCCP.** It is anticipated that substantial work will be needed to fully integrate the FESA/CESA component of the PCCP with the 404/401 component of the PCCP, as these two pieces have been developed simultaneously, but by separate teams. Additional meetings with the resource agencies (i.e., wildlife agencies, USACE, and EPA) will be necessary to facilitate the integration of the FESA/CESA and 404/401 components of the PCCP.
3. **Representation and Coordination.** Further participate in stakeholder and agency meetings. TRA staff shall participate, as requested, in meetings with County staff, outside counsel, and staff from participating cities and special districts. TRA shall provide documents and presentations, as needed.
4. **Response to Agency Review of PCCP Document.** We are in an ongoing process of PCCP draft review with the Agencies. It is anticipated that further technical analyses and supporting information will need to be provided during the review process. It is also

Conservation Planning and Implementation ○ *Environmental Impact Analysis*
Geographic Information Systems ○ *Wetland Delineation* ○ *Biological Surveys*

anticipated that changes will be made to the PCCP document in response to Agency comments.

5. **Ongoing Revisions to Technical Analysis.** The work program includes additional analysis for salmonid covered aquatic species. Otherwise, TRA expects that only minor updates to the GIS database and estimates of take and mitigation will be required. These may include limited changes to the PCCP map or small additions to covered activities, and changes in mitigation requirements or the conditions on covered activities that may result from interchange with the Agencies and stakeholders.
6. **Assist Economics Contractor.** TRA will continue to provide information to, and review work products from, the Hausrath Economics Group and its subcontractors.
7. **Assist CEQA/NEPA Contractor.** TRA will continue to provide information to, and assist ICF and its subcontractors in integrating the PCCP into the EIR/EIS.

We suggest a budget augmentation of \$165,000 to cover the time frame from January 1, 2014 through June 30, 2014. Chapters will be provided consistent with the attached estimated Task 1A schedule. We anticipate this augmentation will allow completion of or substantial progress on Chapters 1-6 of the PCCP document and continued project support within the overall schedule. During the PCCP preparation process, however, unscheduled changes to the PCCP can add to the above work program. Such changes may include the addition of new species to the list of species proposed to coverage under the PCCP, changes to the size of the Plan area, unforeseen issues with the Agencies, and delays in policy formulation. Responding to such unanticipated changes will divert budgeted effort

Thank you for your consideration.

Sincerely,



Thomas S. Reid

TRA ENVIRONMENTAL SCIENCES, INC.

| PCCP Task 1A Schedule | | |
|------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------|
| Week of | Deliverable | Notes |
| February 14 | Revised Chapter 4 | Submittal to County |
| February 24 | Revised Chapter 4 | Submittal to Wildlife Agencies with County and stakeholder comments addressed |
| March 10 | Revised Chapter 1-3, and 6 | Submittal to County |
| March 31 | Revised Chapter 1-3, and 6 | Submittal to Wildlife Agencies with County and stakeholder comments addressed |
| Note: Dates within this schedule maybe adjusted if both parties agree. | | |

TRA ENVIRONMENTAL SCIENCES, INC.

EXHIBIT B

1. **UTILIZATION OF SMALL, MINORITY AND WOMEN'S BUSINESSES:** The Grantee agrees that affirmative steps will be taken to assure that qualified small, minority and women-owned businesses are used when possible as sources of supplies, construction, and services in the performance of grant-assisted Agreements and subcontracts. Affirmative steps taken shall include the following:
 - a. Include qualified small, minority and women-owned businesses on solicitation lists;
 - b. Assuring that small, minority and women-owned businesses are solicited whenever they are potential sources;
 - c. Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation of small, minority and women-owned businesses;
 - d. Establishing delivery schedules, where the requirements of the work permit, which will encourage participation by small, minority and women-owned businesses;
 - e. Using the services and assistance of the Small Business Administration, the Minority business Development Agency of the U.S. Department of Commerce, and the State Office of Small Business and Disabled Veteran Business Enterprise Certification; and
 - f. If the Contractor awards subcontracts, requiring the subcontractor to take the affirmative steps in paragraphs A through E of this section.
2. **DISCLOSURE REQUIREMENTS:** Any document or written report prepared in whole or in part pursuant to this Agreement shall contain a disclosure statement indicating that the document or written report was prepared through Agreement with the State. The disclosure statement shall include the Agreement number and dollar amount of all Agreements and subcontracts relating to the preparation of such documents or written reports. The disclosure statement shall be contained in a separate section of the document or written report.
3. **PRIVITY:** This Agreement is funded in whole or in part by a grant from the Federal Government. Neither the United States nor any of its departments, agencies, or employees are, or will be, a part to this Agreement or any lower tier subcontract or to any solicitation or request for proposal.
4. **COMPLIANCE WITH FEDERAL REGULATIONS:** The Contractor understands that the State is obligated, in accordance with its assistance Agreement with the Federal Government, to comply with the provisions of federal regulations contained in Title 48 Code of Federal Regulations (CFR) Part 31 and any conditions in the grant Agreement and any amendments thereto. In order to ensure that the State can meet these obligations, the Grantee warrants, represents, and agrees that it and its subcontractors, employees, and representatives will comply with: 1) all applicable provisions of Title 48 CFR Part 31; and 2) all general and special conditions contained in the Agreement..
5. **COPYRIGHTS:** The Grantee agrees to and does hereby grant to the Federal Government, a royalty-free nonexclusive and irrevocable license to reproduce, publish, or otherwise use, and to authorize others to use, for Federal Government purposes:
 - a. The copyright in any work developed under this Agreement; and
 - b. Any rights of copyright which the Grantee purchases, in whole or in part, with funds provided by this Agreement.
6. **STANDARDS FOR FINANCIAL MANAGEMENT SYSTEM:** The Grantee and all subcontractors shall maintain fiscal control and accounting procedures which are sufficient to:
 - a. The copyright in any work developed under this Agreement; and
 - b. Any rights of copyright which the Grantee purchases, in whole or in part, with funds provided by this Agreement.

7. **APPLICABLE COST PRINCIPLES:** The cost principles for this Agreement are applicable as set forth below (Office of Management and Budget (OMB)):
- a. OMB Circular 21 – Education Institutions; or
 - b. OMB Circular A-87 – State, Local or Indian Tribe Governments; or
 - c. OMB Circular A-122 – Cost Principals for Non-Profit Organizations; or
 - d. OMB Circular A-133 – Audits of States, Local Governments and Non-Profit Organizations; or
 - e. Title 48 CFR Part 31 – For-Profit Organizations

Funds provided under this Agreement shall not be used for payment of salaries to individual consultants retained by the Grantee or any subcontractors in excess of the rate for Level 4, of the Federal Executive Schedule. The limit expressed herein does not include transportation and subsistence costs for necessary travel for work required under this Agreement.

8. **Contingent Funding:** It is mutually understood between the parties that this Agreement may have been written before ascertaining the availability of congressional appropriation of funds for the mutual benefit of both parties in order to avoid program and fiscal delays which would occur if the Agreement were executed after that determination was made.

This Agreement is valid and enforceable only if sufficient funds are made available to the State by the US Government for the fiscal year(s) covered by this Agreement for the purposes of this program. In addition, this Agreement is subject to any additional restrictions, limitations, or conditions enacted by the Congress of any statute enacted by the Congress which may affect the provisions, terms or funding of this Agreement in any manner.

It is mutually agreed that if the Congress does not appropriate sufficient funds for the Agreement, the State has the option to terminate the Agreement under the termination clause or to amend the Agreement to reflect any reduction of funds.

The DFG has the option to invalidate the contract under the 30-day cancellation clause or to amend the Agreement to reflect any reduction in funds.

9. **ENVIRONMENTAL QUALITY:** The Grantee and subcontractors shall comply with all applicable standards, orders, or requirements issued under Section 306 of the Clean Air Act, Title 42 U.S.C. 1857(h), Section 508 of the Clean Air Act, Title 33 U.S.C. 1368 Executive Order 11738 and, Title 40 CFR part 15.

The Grantee shall comply with mandatory standards and policies related to energy efficiency which are contained in the State Energy Conservation Plan issued in compliance with the Conservation Act (Publ. L. 94-163).

10. **RECYCLED PAPER:** The Grantee agrees to use recycled paper for all reports which are prepared as a part of this Agreement and delivered to the State. This requirement does not apply to reports which are prepared on form supplied by the Federal Government. This requirement applies even when the cost of recycled paper is higher than that of virgin paper.
11. **SINGLE AUDIT ACT:** To the extent applicable, the Grantee shall be subject to and shall comply with the provisions and requirements of the Single Audit Act of 1984 (Pub. L 98-502) and implementing policies, procedures and guidelines, including applicable circulars issued by the Federal OMB.
12. **FEDERAL ASSURANCES:** It is further agreed that by signing this Agreement, the Grantee is subject to Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title II of the

Americans with Disabilities Act of 1990, the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, and offers all persons the opportunity to participate in programs or activities regardless of race, color, national origin, age, sex, or disability. Further, it is agreed that no individual will be turned away from or otherwise denied access to or benefit from any program or activity that is directly associated with a program of the DFG on the basis of race, color, national origin, age, sex (in education activities) or disability.

13. USE OF SUBCONTRACTOR(S): If the Grantee desires to accomplish part of the services through the use of one (1) or more subcontractors, the following conditions must be met:

- a. The Grantee shall submit any subcontracts to the State for approval prior to starting any of the work;
- b. The Agreement between the primary Grantee and the subcontractor must be in writing;
- c. The subcontract must include specific language which establishes the rights of the auditors of the State to examine the records of the subcontractor relative to the services and materials provided under the Agreement; and
- d. Upon termination of any subcontract, the State shall be notified immediately in writing, by the primary Grantee.

Further, any subcontract entered into as a result of this Agreement shall contain all applicable provisions stipulated in this Agreement.

14. COMPLIANCE WITH FEDERAL FUNDING ACCOUNTABILITY AND TRANSPARENCY ACT 2006

(FFATA): As a recipient of a federal contract, grant or other federal funds, the State is required under the Federal Funding Accountability and Transparency Act of 2006 (FFATA) to report certain information about the State's contractors, grantees and sub-recipients of that federal funding. The Grantee, as a sub-recipient of federal funds, agrees to provide the State with data required under the FFATA unless exempted under that act. Grantee shall complete a Grantee's FFATA Certification form (State form) and submit it as instructed, on or before execution of the agreement. If not exempt the Grantee shall create a registration, or update its data if already registered, on the federal Contractors Central Registry (CCR) at www.ccr.gov. A DUNS number is required for the CCR registration and must be included on the FFATA Certification form. Grantee agrees to update its CCR registration and notify the State if there is a material change to its CCR data or its exemption status changes..

**FOURTH AMENDMENT TO PLANNING SERVICES AGREEMENT
PROFESSIONAL CONSULTANT SERVICES – SALIX CONSULTING, INC**

THIS FOURTH AMENDMENT TO THE CONSULTANT SERVICES AGREEMENT is made and entered on this _____ day of _____, 2014, by and between the COUNTY OF PLACER, hereinafter referred to as COUNTY, and SALIX CONSULTING, INC, hereinafter referred to as CONSULTANT.

WHEREAS, on August 24, 2011, COUNTY and CONSULTANT entered into a Contract whereby consulting services would be provided to the COUNTY; and

WHEREAS, the parties have agreed to additional services to be provided by Consultant under said contract and the compensation for those additional services.

NOW, THEREFORE, IT IS MUTUALLY AGREED by and among the parties as follows:

1. That section 1 of the original Contract shall be amended to provide for the additional services and compensation as follows:

The CONSULTANT agrees to perform the additional professional services as set forth in Exhibit "A" attached hereto and incorporated herein by reference, and the total compensation to be paid CONSULTANT for these additional services shall not exceed \$40,000.00 as set out in Exhibit "A".

The CONSULTANT agrees to comply with the additional requirements as set forth by Department of Fish and Game in Exhibit "B" attached hereto and incorporated herein by reference.

2. The COUNTY agrees to pay to CONSULTANT \$205,325.00 as the sole compensation under the Contract and as amended by the First, Second, Third and this Fourth Amendment.

EXCEPT as specifically modified above, all of the remaining terms and conditions of the said Contract shall remain and continue in full force and effect.

COUNTY OF PLACER:

By: _____
David Boesch, County Executive Officer

Date: _____

CONSULTANT:

By: _____
Jeff Glazner, President

Date: _____

APPROVED AS TO FORM:

By: _____
County Counsel

Date: _____

APPROVED AS TO CONTENT:

By: _____
Michael J. Johnson, AICP
Agency Director

Date: _____

EXHIBIT C

EXHIBIT A



December 13, 2013

Loren Clark
Placer County CDRA
3091 County Center Drive
Auburn, CA 95603

Re: Request for Supplement to Scope of Work and Budget for PCCP project, 2014

Dear Loren:

At your request, the following describes the tasks and budget requested to continue work on the PCCP project during 2014. The tasks listed are currently active and ongoing. This budget would augment our existing contract's Statement of Work.

Based on our understanding of project needs at this time and our recent levels of monthly billing, we anticipate that this budget would provide the County with at least seven months of service (through the end of the fiscal year, July 2014), depending on how intensely our services are utilized each month.

Please note that our hourly rates will increase slightly effective January 1, 2014, and that this increase is reflected in the estimates provided below. The 2014 Fee Schedule is attached. The budget amount for each task includes time for Principal Biologist, Senior Biologist, Editor, and GIS Technician where appropriate.

| Task # | Description | Amount |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 1 | Complete 2013 DRAFT County Aquatic Resources Program (CARP) manual for County review. Respond to County comments, as requested, and revise document as necessary. | \$ 18,000 |
| 2 | Technical support, facilitation/coordination, and agency meetings regarding the CARP with federal and state agencies and local tribes, if necessary. | 8,000 |
| 3 | Assist in drafting Master Agreements for RWQCB and SHPO | 6,000 |
| 4 | Provide mapping services, as requested | 5,000 |

| | | |
|---|-----------------------------|-----------------|
| 5 | Expenses and Administration | 3,000 |
| | TOTAL | \$40,000 |

We look forward to continuing our participation with Placer County on this important task. Please do not hesitate to contact me if you need further detail or have any questions.

Sincerely,



Jeff Glazner
Principal

Attachment: Salix 2014 Fee Schedule

www.ces.com | 2240 Central Express Suite 74 • Auburn, CA 95603 • (530) 885-1111 • Fax: (530) 885-1112



2014 Fee Schedule

| | Title | Hourly Rate |
|-----------------------|--------------------------|-------------|
| NATURAL RESOURCES | | |
| | Principal Biologist | 145 |
| | Senior Biologist | 105 |
| | Wildlife Biologist | 95 |
| | Associate Biologist | 90 |
| | Assistant Biologist | 75 |
| | Field Technician | 60 |
| GIS/GRAPHICS SERVICES | | |
| | GIS Analyst | 90 |
| | GIS/Graphics Technician | 75 |
| SUPPORT SERVICES | | |
| | Technical Editor | 85 |
| | Production/Admin Support | 50 |
| REIMBURSABLE EXPENSES | | |

Subcontractors and direct, non-salary costs associated with document production, reproduction, distribution, and project communications include a 10% administration charge.

Mileage is charged at the IRS approved rate.

www.salixinc.com | 17240 Floral Drive - Suite 111 - Auburn, CA 95603 | (916) 430-8888 ext. 300 | Fax: (916) 430-8888

EXHIBIT B

1. **UTILIZATION OF SMALL, MINORITY AND WOMEN'S BUSINESSES:** The Grantee agrees that affirmative steps will be taken to assure that qualified small, minority and women-owned businesses are used when possible as sources of supplies, construction, and services in the performance of grant-assisted Agreements and subcontracts. Affirmative steps taken shall include the following:
 - a. Include qualified small, minority and women-owned businesses on solicitation lists;
 - b. Assuring that small, minority and women-owned businesses are solicited whenever they are potential sources;
 - c. Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation of small, minority and women-owned businesses;
 - d. Establishing delivery schedules, where the requirements of the work permit, which will encourage participation by small, minority and women-owned businesses;
 - e. Using the services and assistance of the Small Business Administration, the Minority business Development Agency of the U.S. Department of Commerce, and the State Office of Small Business and Disabled Veteran Business Enterprise Certification; and
 - f. If the Contractor awards subcontracts, requiring the subcontractor to take the affirmative steps in paragraphs A through E of this section.
2. **DISCLOSURE REQUIREMENTS:** Any document or written report prepared in whole or in part pursuant to this Agreement shall contain a disclosure statement indicating that the document or written report was prepared through Agreement with the State. The disclosure statement shall include the Agreement number and dollar amount of all Agreements and subcontracts relating to the preparation of such documents or written reports. The disclosure statement shall be contained in a separate section of the document or written report.
3. **PRIVITY:** This Agreement is funded in whole or in part by a grant from the Federal Government. Neither the United States nor any of its departments, agencies, or employees are, or will be, a part to this Agreement or any lower tier subcontract or to any solicitation or request for proposal.
4. **COMPLIANCE WITH FEDERAL REGULATIONS:** The Contractor understands that the State is obligated, in accordance with its assistance Agreement with the Federal Government, to comply with the provisions of federal regulations contained in Title 48 Code of Federal Regulations (CFR) Part 31 and any conditions in the grant Agreement and any amendments thereto. In order to ensure that the State can meet these obligations, the Grantee warrants, represents, and agrees that it and its subcontractors, employees, and representatives will comply with: 1) all applicable provisions of Title 48 CFR Part 31; and 2) all general and special conditions contained in the Agreement.
5. **COPYRIGHTS:** The Grantee agrees to and does hereby grant to the Federal Government, a royalty-free nonexclusive and irrevocable license to reproduce, publish, or otherwise use, and to authorize others to use, for Federal Government purposes:
 - a. The copyright in any work developed under this Agreement; and
 - b. Any rights of copyright which the Grantee purchases, in whole or in part, with funds provided by this Agreement.
6. **STANDARDS FOR FINANCIAL MANAGEMENT SYSTEM:** The Grantee and all subcontractors shall maintain fiscal control and accounting procedures which are sufficient to:
 - a. The copyright in any work developed under this Agreement; and
 - b. Any rights of copyright which the Grantee purchases, in whole or in part, with funds provided by this Agreement.

7. **APPLICABLE COST PRINCIPLES:** The cost principles for this Agreement are applicable as set forth below (Office of Management and Budget (OMB):
- a. OMB Circular 21 – Education Institutions; or
 - b. OMB Circular A-87 – State, Local or Indian Tribe Governments; or
 - c. OMB Circular A-122 – Cost Principals for Non-Profit Organizations; or
 - d. OMB Circular A-133 – Audits of States, Local Governments and Non-Profit Organizations; or
 - e. Title 48 CFR Part 31 – For-Profit Organizations

Funds provided under this Agreement shall not be used for payment of salaries to individual consultants retained by the Grantee or any subcontractors in excess of the rate for Level 4, of the Federal Executive Schedule. The limit expressed herein does not include transportation and subsistence costs for necessary travel for work required under this Agreement.

8. **Contingent Funding:** It is mutually understood between the parties that this Agreement may have been written before ascertaining the availability of congressional appropriation of funds for the mutual benefit of both parties in order to avoid program and fiscal delays which would occur if the Agreement were executed after that determination was made.

This Agreement is valid and enforceable only if sufficient funds are made available to the State by the US Government for the fiscal year(s) covered by this Agreement for the purposes of this program. In addition, this Agreement is subject to any additional restrictions, limitations, or conditions enacted by the Congress of any statute enacted by the Congress which may affect the provisions, terms or funding of this Agreement in any manner.

It is mutually agreed that if the Congress does not appropriate sufficient funds for the Agreement, the State has the option to terminate the Agreement under the termination clause or to amend the Agreement to reflect any reduction of funds.

The DFG has the option to invalidate the contract under the 30-day cancellation clause or to amend the Agreement to reflect any reduction in funds.

9. **ENVIRONMENTAL QUALITY:** The Grantee and subcontractors shall comply with all applicable standards, orders, or requirements issued under Section 306 of the Clean Air Act, Title 42 U.S.C. 1857(h), Section 508 of the Clean Air Act, Title 33 U.S.C. 1368 Executive Order 11738 and, Title 40 CFR part 15.

The Grantee shall comply with mandatory standards and policies related to energy efficiency which are contained in the State Energy Conservation Plan issued in compliance with the Conservation Act (Publ. L. 94-163).

10. **RECYCLED PAPER:** The Grantee agrees to use recycled paper for all reports which are prepared as a part of this Agreement and delivered to the State. This requirement does not apply to reports which are prepared on form supplied by the Federal Government. This requirement applies even when the cost of recycled paper is higher than that of virgin paper.
11. **SINGLE AUDIT ACT:** To the extent applicable, the Grantee shall be subject to and shall comply with the provisions and requirements of the Single Audit Act of 1984 (Pub. L 98-502) and implementing policies, procedures and guidelines, including applicable circulars issued by the Federal OMB.
12. **FEDERAL ASSURANCES:** It is further agreed that by signing this Agreement, the Grantee is subject to Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title II of the

Americans with Disabilities Act of 1990, the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, and offers all persons the opportunity to participate in programs or activities regardless of race, color, national origin, age, sex, or disability. Further, it is agreed that no individual will be turned away from or otherwise denied access to or benefit from any program or activity that is directly associated with a program of the DFG on the basis of race, color, national origin, age, sex (in education activities) or disability.

13. USE OF SUBCONTRACTOR(S): If the Grantee desires to accomplish part of the services through the use of one (1) or more subcontractors, the following conditions must be met:

- a. The Grantee shall submit any subcontracts to the State for approval prior to starting any of the work;
- b. The Agreement between the primary Grantee and the subcontractor must be in writing;
- c. The subcontract must include specific language which establishes the rights of the auditors of the State to examine the records of the subcontractor relative to the services and materials provided under the Agreement; and
- d. Upon termination of any subcontract, the State shall be notified immediately in writing, by the primary Grantee.

Further, any subcontract entered into as a result of this Agreement shall contain all applicable provisions stipulated in this Agreement.

14. COMPLIANCE WITH FEDERAL FUNDING ACCOUNTABILITY AND TRANSPARENCY ACT 2006

(FFATA): As a recipient of a federal contract, grant or other federal funds, the State is required under the Federal Funding Accountability and Transparency Act of 2006 (FFATA) to report certain information about the State's contractors, grantees and sub-recipients of that federal funding. The Grantee, as a sub-recipient of federal funds, agrees to provide the State with data required under the FFATA unless exempted under that act. Grantee shall complete a Grantee's FFATA Certification form (State form) and submit it as instructed, on or before execution of the agreement. If not exempt the Grantee shall create a registration, or update its data if already registered, on the federal Contractors Central Registry (CCR) at www.ccr.gov. A DUNS number is required for the CCR registration and must be included on the FFATA Certification form. Grantee agrees to update its CCR registration and notify the State if there is a material change to its CCR data or its exemption status changes..

**FIFTH AMENDMENT TO CONSULTANT SERVICES –
FINANCIAL ALTERNATIVES, FISCAL IMPACT, AND
OPEN SPACE MITIGATION FEE ANALYSIS**

THIS FIFTH AMENDMENT TO THE CONSULTANT SERVICES AGREEMENT is made and entered on this _____ day of _____, 2014, by and between the COUNTY OF PLACER, hereinafter referred to as COUNTY, and HAUSRATH ECONOMICS GROUP, hereinafter referred to as CONSULTANT.

WHEREAS, on April 6, 2004, COUNTY and CONSULTANT entered into a Contract whereby consulting services would be provided to the COUNTY; and

WHEREAS, the parties have agreed to additional services to be provided by Consultant under said contract and the compensation for those additional services.

NOW, THEREFORE, IT IS MUTUALLY AGREED by and among the parties as follows:

1. That section 1 (c) of the original Contract shall be amended to provide for the additional services and compensation as follows:

The CONSULTANT agrees to perform the additional professional services as set forth in Exhibit "A" attached hereto and incorporated herein by reference, and the total compensation to be paid CONSULTANT for these additional services shall not exceed \$90,400.00 as set out in Exhibit "A".

The CONSULTANT agrees to comply with the additional requirements as set forth by Department of Fish and Game in Exhibit "B" attached hereto and incorporated herein by reference.

2. The COUNTY agrees to pay to CONSULTANT \$734,362.30 as the sole compensation under the Contract and as amended by the First, Second, Third, Fourth and this Fifth Amendment.

EXCEPT as specifically modified above, all of the remaining terms and conditions of the said Contract shall remain and continue in full force and effect.

COUNTY OF PLACER:

By: _____ Date: _____
County Executive Officer

CONSULTANT:

By: _____ Date: _____
Hausrath Economics Group
Title: President/Vice President

By: _____ Date: _____
Hausrath Economics Group
Title: Secretary

APPROVED AS TO FORM:

By: _____ Date: _____
County Counsel

APPROVED AS TO CONTENT:

By: _____ Date: _____
Michael J. Johnson, AICP
Agency Director

EXHIBIT D

EXHIBIT A



January 3, 2014

Loren Clark
Assistant Director
Community Development Resource Agency
3091 County Center Drive
Auburn CA 95603

Dear Loren:

To continue work on the Placer County Conservation Plan (PCCP) through June 2014, Hausrath Economics Group requires funds be added to our contract. The addition of these funds will enable HEG and our sub-consultant team members—Willdan Financial Services/Urban Economics and ICF/Jones & Stokes to provide documentation, technical analysis, and on-going support to the development of the PCCP through the end of the current fiscal year. We anticipate work on the following tasks over the next six months, through June 30, 2014.

- ◆ Revise the PCCP Preliminary Draft Chapter 9 Cost and Funding document, including providing technical appendices and related supporting reports and worksheets on costs and funding. The chapter was last revised three years ago—in January 2011. Revisions will reflect the work of the Finance Committee in 2013 and current updates to the conservation strategy. HEG and subconsultants will prepare a draft for staff review and a revised draft responding to staff comments.
- ◆ Prepare a technical appendix documenting the assumptions, methods, and sources for the projections analysis used in the PCCP impact assessment.
- ◆ Develop monitoring cost factors consistent with the monitoring program developed for the updated PCCP conservation strategy. Revise PCCP cost model and funding plan model as necessary.
- ◆ Participate in up to six stakeholder, decision-maker, and team meetings as needed to accomplish the above tasks. Provide meeting materials as requested.

1212 BROADWAY, SUITE 1500, OAKLAND, CA 94612-1817
T: 510.839.8383 F: 510.839.8415

Loren Clark
January 3, 2014
page 2

- ◆ Review material prepared by other members of the PCCP consultant team, CARP team, and In-Lieu Fee team as relevant to the cost and nexus analyses and to the PCCP economic analysis generally.
- ◆ Provide on-going support to staff and consultant team with respect to economic aspects of PCCP development. This could include analysis of cost and financial implications of refinements to the PCCP conservation strategy (e.g., oak woodlands restoration, treatment of infill development), as well as analysis of implications of the proposed PCCP cost allocation and funding strategy for sponsors of covered activities.

The attached table provides estimates of consultant costs to work on the above-noted tasks over the next six months.

Thank you for your consideration of this request.



Sally E. Nielsen
Vice President

Proposed PCCP Contract Amendment to cover costs for the period January 1, 2014 - June 30, 2014

Tasks

| | |
|-----------------------------------------------------|-----------------|
| Revised Draft Chapter 9, Costs and Funding | \$43,400 |
| Monitoring Costs | \$10,500 |
| Projections Appendix | \$7,500 |
| Finance Committee/Ad Hoc - Meetings and Preparation | \$9,000 |
| On-going Support to Staff and Team | \$20,000 |
| Total | \$90,400 |

Notes:

Draft of Chapter 9 includes cost model appendix and documentation of cost model factors.

HEG and subconsultants will prepare a draft for staff review and a revised draft responding to staff comments.

Monitoring cost task includes working with PCCP team to define monitoring program and the cost implications of that program.

Projections Appendix is a summary memorandum documenting assumptions, methods, and sources.

Meetings task allows for attendance and preparation/follow-up for up to six meetings.

On-going support task assumes relatively light support initially with more work after Agency comments.

For reference, represents about 2/3's of the monthly average level of on-going support through 2013.

52

EXHIBIT B

1. **UTILIZATION OF SMALL, MINORITY AND WOMEN'S BUSINESSES:** The Grantee agrees that affirmative steps will be taken to assure that qualified small, minority and women-owned businesses are used when possible as sources of supplies, construction, and services in the performance of grant-assisted Agreements and subcontracts. Affirmative steps taken shall include the following:
 - a. Include qualified small, minority and women-owned businesses on solicitation lists;
 - b. Assuring that small, minority and women-owned businesses are solicited whenever they are potential sources;
 - c. Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation of small, minority and women-owned businesses;
 - d. Establishing delivery schedules, where the requirements of the work permit, which will encourage participation by small, minority and women-owned businesses;
 - e. Using the services and assistance of the Small Business Administration, the Minority business Development Agency of the U.S. Department of Commerce, and the State Office of Small Business and Disabled Veteran Business Enterprise Certification; and
 - f. If the Contractor awards subcontracts, requiring the subcontractor to take the affirmative steps in paragraphs A through E of this section.
2. **DISCLOSURE REQUIREMENTS:** Any document or written report prepared in whole or in part pursuant to this Agreement shall contain a disclosure statement indicating that the document or written report was prepared through Agreement with the State. The disclosure statement shall include the Agreement number and dollar amount of all Agreements and subcontracts relating to the preparation of such documents or written reports. The disclosure statement shall be contained in a separate section of the document or written report.
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Funds provided under this Agreement shall not be used for payment of salaries to individual consultants retained by the Grantee or any subcontractors in excess of the rate for Level 4, of the Federal Executive Schedule. The limit expressed herein does not include transportation and subsistence costs for necessary travel for work required under this Agreement.

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10. **RECYCLED PAPER:** The Grantee agrees to use recycled paper for all reports which are prepared as a part of this Agreement and delivered to the State. This requirement does not apply to reports which are prepared on form supplied by the Federal Government. This requirement applies even when the cost of recycled paper is higher than that of virgin paper.
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14. COMPLIANCE WITH FEDERAL FUNDING ACCOUNTABILITY AND TRANSPARENCY ACT 2006

(FFATA): As a recipient of a federal contract, grant or other federal funds, the State is required under the Federal Funding Accountability and Transparency Act of 2006 (FFATA) to report certain information about the State's contractors, grantees and sub-recipients of that federal funding. The Grantee, as a sub-recipient of federal funds, agrees to provide the State with data required under the FFATA unless exempted under that act. Grantee shall complete a Grantee's FFATA Certification form (State form) and submit it as instructed, on or before execution of the agreement. If not exempt the Grantee shall create a registration, or update its data if already registered, on the federal Contractors Central Registry (CCR) at www.ccr.gov. A DUNS number is required for the CCR registration and must be included on the FFATA Certification form. Grantee agrees to update its CCR registration and notify the State if there is a material change to its CCR data or its exemption status changes..

HABITAT CONSERVATION PLANNING ASSISTANCE PROGRAM
FISCAL YEAR 2013
PLACER COUNTY CONSERVATION PLAN
NATURAL COMMUNITY CONSERVATION PLAN (HCP/NCCP)
PROJECT STATEMENT

Contacts

Placer County – Jennifer Byous
Phone: (530) 745-3008
Email: jbyous@placer.ca.gov

California Department of Fish & Wildlife – Garry Kelley
Phone: (916) 358-2850
Email: Garry.Kelley@wildlife.ca.gov

US Fish and Wildlife Service – Ellen McBride
Phone: (916) 414-6561
Email: Ellen_McBride@fws.gov

NEED: *Why is the project being undertaken?*

This proposal requests \$911,500 in federal grant funds from the Fiscal Year 2013 Cooperative Endangered Species Conservation Fund (Section 6 of the Endangered Species Act) Non-traditional Habitat Conservation Planning Assistance Program. This funding will support the planning phase of the Placer County Conservation Plan in northern California.

Placer County (County) is currently developing a comprehensive, multi-species Habitat Conservation Plan (HCP) and Natural Community Conservation Plan (NCCP). This planning effort is referred to as the Placer County Conservation Plan (PCCP). The County has partnered with other local, state and federal agencies to develop the plan. Participating local agencies include unincorporated Placer County, the City of Lincoln, and the Placer County Water Agency (PCWA) (collectively known as the Participating Agencies). The primary objective of the PCCP is to balance development with the conservation of the County's natural resources, and provide for the protection of sensitive species and their respective habitats.

The State of California is the only state to enact a law that closely complements the habitat conservation planning process of federal Endangered Species Act (ESA). The Natural Community Conservation Planning (NCCP) Act encourages the development of multi-species, ecosystem-based plans that provide for the conservation and recovery of both listed and unlisted species within the plan area. The NCCP Act requires a plan to provide for the conservation of covered species, and includes independent scientific input

and significant public participation. When applied together, the ESA and NCCP Act bring their complementary strengths to conservation planning to provide greater conservation benefits than either Act alone. Information on the NCCP program can be found at www.wildlife.ca.gov/habcon/nccp.

The County began the PCCP process in 2001. In the past decade, the California Department of Finance identified Placer County as one of the fastest growing counties in the state. From 2010 to 2020 the population of Placer County is projected to increase to 426,169 people, an increase of 22.8%. This projected growth poses a significant challenge to managing both the valley and foothill ecosystems. The PCCP will permanently protect habitat and establish management guidelines for the conservation and recovery of multiple sensitive species for the western portion of the County. The vegetation communities upon which they depend include agricultural croplands, annual grasslands, aquatic environments, chaparral, emergent wetlands, oak woodlands, riparian forests/woodlands, and vernal pools. These eight major habitat types have the potential to provide fully functional ecosystems for the species proposed for coverage in the PCCP, but are unlikely to withstand the growth pressures outlined above unless a comprehensive landscape-level program is developed and implemented. Consequently, the Participating Agencies are committed to preparing and implementing an HCP/NCCP that will anticipate future development and other land uses that are likely to occur in the County. The Plan will also provide a framework to ensure that the conservation needs of the covered species are met.

The PCCP planning effort has been on-going for nearly eleven years and many of the work program tasks have been accomplished. Table 1 provides a status of the work program tasks completed and yet to be accomplished. Preservation and restoration of vernal pool grassland and oak woodland are two primary Plan objectives.

OBJECTIVE: *What is to be accomplished during the period of the project pursuant to the stated need? (Specify fully what is to be accomplished within the time, money, and staffing allocated and specify end point.)*

Current Status of the HCP/NCCP Preparation Efforts:

Table 1 provides a list of completed and on-going tasks for the PCCP work program. In 2011, the PCCP work program reached an important milestone when an updated conservation strategy was submitted for review to the California Department of Fish and Wildlife, U.S. Fish and Wildlife Service, National Marine Fisheries Service, U.S. Army Corps of Engineers, U.S. Environmental Protection Agency, and the California Regional Water Quality Control Board (collectively known as the Agencies). This important step followed a long period of time that was needed to resolve a number of interrelated issues involving growth projections, General Plan land use allocations, vegetation mapping, and mapping of a "hard-line" reserve acquisition area. The 2011 administrative draft PCCP is being reviewed by the Agencies, and discussions between the Agencies and the Participating Agencies about the conservation strategy are on-going.

Activities Related to the 2013 Funding Request:

The PCCP received Federal Non-traditional Section 6 Planning Assistance Grants in 2001 and 2011. The 2013 grant request will facilitate completion of the PCCP. If funded, this Habitat Conservation Planning Assistance grant will provide funds to complete the following tasks:

Task 1A – Finalize the County’s Aquatic Resources Program (CARP) regulatory strategy

A component of the PCCP is the County’s Aquatic Resources Program (CARP), which describes the aquatic resources that are regulated in western Placer County and provides a streamlined process for regulatory compliance. The CARP is based on, and to some extent builds on, the PCCP conservation strategy for aquatic species and habitats. It establishes the permitting standards, requirements, and procedures, and an in lieu mitigation fee program, that will be used to implement the conservation strategy for aquatic resources set forth in the PCCP. Together, the PCCP and CARP program elements provide Placer County with a comprehensive regional approach to natural resource conservation and permitting.

The CARP and the PCCP have complementary goals and objectives. The PCCP minimizes and mitigates impacts to covered species and natural communities, including aquatic natural communities and habitat, and provides for their conservation and management at a landscape-level. Most mitigation requirements under the CARP are derived from the PCCP, and compensatory mitigation and compensation actions under both programs will be used to create the PCCP reserve system. Stream and riparian setbacks designated by the CARP will help to avoid and minimize impacts to stream and riparian communities and covered species. Avoided and protected riverine and riparian systems will enhance connectivity between natural communities and habitats in the valley and foothill portions of the Plan area. This task will finalize the CARP strategy, develop the monitoring program, and prepare the procedures manual.

Task 1B - Integrate CARP Regulatory Strategy and PCCP Conservation Strategy

Since the CARP and the PCCP have complementary goals and objectives, it is important that the two documents function as one cohesive program. In order to accomplish this, the PCCP document and the CARP manual will need to be integrated in terms of strategy, procedures and conditions on covered activities.

Task 2 – Complete Coon Creek Watershed Assessment

A watershed level assessment of Coon Creek represents an excellent opportunity to inform the conservation strategy of the PCCP. The ultimate goal of the PCCP is to maintain and improve the quality and quantity of aquatic resources within western Placer County watersheds. To do this in a way that protects the most important aquatic resources within each watershed, it is essential to have a conservation strategy that can be used to select compensatory mitigation sites within these watersheds. The Coon Creek watershed contains the largest and least fragmented aquatic resources in the Plan Area and presents Placer County with the best aquatic resource restoration opportunities. A GIS evaluation of roads and fragmentation in the PCCP coverage area determined that the Coon Creek watershed today is mostly an intact natural ecosystem in

a relatively unfragmented landscape. Conserving the Coon Creek watershed ensures landscape-scale features such as aquatic habitat diversity, habitat connectivity, and relationships to hydrologic sources, are protected. Placer County, having completed a landscape-level analysis of Coon Creek, now needs to collect reach-specific data, assess stream health, prioritize riparian and in-stream restoration sites, and establish a conservation data baseline to inform Plan implementation.

A GIS evaluation of parcel size, roads and fragmentation in the PCCP coverage area determined that the Coon Creek watershed today is mostly an intact, relatively unfragmented natural landscape suitable for large-scale aquatic resource preservation and restoration. Coon Creek has been designated Critical Habitat for the Central Valley Steelhead by the Fisheries Service of the National Oceanic and Atmospheric Administration under the Endangered Species Act.

With the requested Non-traditional Section 6 grant funds, a number of special studies will be conducted to gain a better scientific understanding of the stream system. These will include a stream habitat and fish assessment, a rapid stormwater retrofit survey, and an assessment of the increases in turbidity and nutrient loading in Coon Creek. The stream assessment will consist of an instream habitat survey for the majority of the watershed and a fish assessment at four locations in the upper watershed below the Hidden Falls cataract. The assessment will also report on stream channel stability and habitat conditions in each of the subwatersheds.

Task 3- Conduct Rare Species Surveys

Given the rarity of some PCCP covered species and the corresponding lack of occurrence data, Placer County believes species specific surveys are needed to establish a credible baseline to support implementation of the PCCP conservation strategy for individual species recovery. Surveys to collect baseline data and to corroborate reserve system occurrence for those species is a necessity. Species to be surveyed include the following:

- Black rail
- Yellow warbler
- Tri-color blackbird
- Grasshopper Sparrow
- Foothill yellow-legged frog
- Western spade-foot toad
- Giant garter snake
- All vernal pool shrimp species
- All vernal pool plants species

The objective of the task is to determine whether the above noted species occur in the reserve acquisition area. The absence or abundance of occurrence data is a key factor for determining species-specific conservation and mitigation strategies, whether species surveys are needed, and whether a species will be a “no-take” species.

Access has already been obtained for all Placer Land Trust and Placer Legacy properties. Placer County will also reach out to private landowners seeking permission to conduct

surveys on their property. In the past, Placer Legacy - a Placer County program - has collaborated with several private landowners on restoration projects. Moreover, Placer County has well established relationships with several west Placer landowners.

Task 4 Low Impact Development Standards

Low Impact Development (LID) is a total site design approach that conserves and uses existing natural site features and systems integrated with distributed, small-scale stormwater controls to mimic or recreate the natural water balance for a site. When implemented early in the planning and design process, LID strategies allow owners, developers, builders and designers to improve the following objectives in a single site design:

- runoff reduction
- pollution reduction
- groundwater recharge
- natural watershed function
- water quality/habitat protection

LID is a relatively new practice in California, and in Placer County, but it will be a fundamental way for the PCCP to achieve the Least Environmentally Damaging Practicable Alternative (LEDPA) for the Plan. Currently, the State Water Resources Control Board and California Regional Water Quality Control Boards are requesting local jurisdictions to use LID measures in new and redevelopment projects through National Pollutant Discharge Elimination System (NPDES) permits, total maximum daily load (TMDL) mandates, and/or 401 water quality certification requirements. The U.S. EPA is also encouraging LID and has published several related LID and smart growth guidance documents. Like other municipalities in the region and the State, the County's next step is to seek the financial resources to update local policies, codes and regulations in order to identify, evaluate and resolve any conflicts with LID.

LID is critical for CARP implementation, and will ensure that 404 and 401 permitting is integrated with ESA permitting. More importantly, development of LID standards, along with the CARP stream system buffer and the watershed approach outlined in the draft CARP, make certain that implementation of the PCCP conservation strategy will represent the least environmentally damaging practicable alternative (LEDPA) for impacts to the Waters of the State and Waters of the United States. Without regional LEDPA certification, the PCCP conservation strategy could not be implemented at a landscape scale, and wetland mitigation would continue on a site-by-site basis resulting in isolated, fragmented avoided patches, generally devoid of biological and hydrologic function.

The final result of this task will include LID policy documents, revision to existing and new County ordinances, and agreements between the Agencies and the Participating Agencies.

EXPECTED RESULTS OR BENEFITS: *How will the project impact fish and wildlife resources or benefit the public? Try to provide quantifiable or verifiable resource*

benefits.

Species Benefits

The PCCP will provide benefits to the 31 species proposed for coverage (see Table 2) and will provide for conservation of landscapes, natural communities, covered species, biological diversity, and ecosystem function by creating a Reserve System comprising from 40,000 to 50,000 acres of land to be protected in perpetuity. In addition, the plan will conserve, restore, enhance, and manage representative natural and semi-natural landscapes while protecting and maintaining habitat areas that are large enough to support sustainable populations of covered species.

The species-level goals and objectives are habitat-based, rather than individual or population-based (i.e. goals specifying numbers of individuals or populations). Habitat-based goals are currently being used for species because there are generally not enough data on the abundance and distribution of populations of covered species in the Plan area to set informed numerical goals for covered species. However, based on discussions with the Agencies, the PCCP is currently developing quantitative goals for covered species for which information is known.

In particular, vernal pool invertebrate and plant species will benefit from vernal pool complexes being protected and restored. The Plan proposes preserving large unfragmented vernal pool complexes with a diversity of pool characteristics and densities. Parcels that historically contained vernal pools will be restored.

The PCCP will provide a major benefit to the vernal pool fairy shrimp. The greatest number of known vernal pool fairy shrimp occurrences are found in the Southeastern Sacramento Vernal Pool Region, which covers Placer, Sacramento, San Joaquin, Yuba, and El Dorado Counties¹. The Plan area contains 2,580 acres of designated Critical Habitat (within two different Critical Habitat units) for vernal pool fairy shrimp, as well as 36,262 acres of the “Western Placer County core recovery area”. Approximately 60 percent of the two critical habitat units are located around the City of Lincoln. There are 107 occurrences in the plan area for the vernal pool fair shrimp; more than half of these occurrences are located in the reserve acquisition area, and more may also exist in additional locations that have not been surveyed. There is an absence of suitable habitat to the east, and thus the western Placer County populations probably represent the furthest eastward range of the species for the area.

Grassland bird species, such as Loggerhead shrike and Western burrowing owl, will benefit from the direct conservation of large patches of unfragmented grassland habitat. Preserving short-grass habitat with quality burrow sites will be a priority for Western burrowing owl. Conservation of grassland with appropriate perches and features for impaling prey is a priority of the PCCP for Loggerhead shrike. In addition, the protection, restoration, and creation of perennial marsh, directly promotes the recovery of

¹ U.S. Fish and Wildlife Service. 2005. Recovery Plan for Vernal Pool Ecosystems of California and Southern Oregon. Portland, Oregon. xxvi + 606 pages. Available: http://www.fws.gov/sacramento/es/recovery_plans/vp_recovery_plan_links.htm

Tricolored blackbird and California black rail, and potentially California red-legged frog. Moreover, the protection of yet-to-be discovered California red-legged frog populations is a top priority of the PCCP.

The PCCP will avoid impacts to, will preserve and will restore riparian and stream system habitats. This will result in bolstering Central Valley steelhead and Valley elderberry longhorn beetle populations. Finally, protection of the stream system and rice lands of western Placer County is being proposed in order to further the recovery of the Giant garter snake.

Ecosystem Benefits

The PCCP Plan area contains oak woodlands, aquatic and wetland ecosystems, valley foothill riparian habitat, and vernal pool grasslands. All of these natural communities provide valuable habitat. Although not a natural community, agricultural lands also provide habitat for many wildlife species. Preserving natural communities and certain agricultural lands is essential if listed species are to persist in western Placer County.

Placer County stretches from the Sacramento Valley east to the high Sierra and the California-Nevada state line, and covers a total area of 1,500 square miles (962,000 acres). The area proposed for permit coverage under the PCCP is the City of Lincoln plus all unincorporated lands within western Placer County (approximately 212,000 acres, or roughly five-sixths of western Placer County). The PCCP ultimately proposes to protect in perpetuity 40,000 to 50,000 acres of land to benefit natural communities, covered species, biological diversity, and ecosystem function within western Placer County.

The California Essential Habitat Connectivity Project, a collaboration of state and federal agencies, is a statewide modeling of large intact blocks of habitat and the existing connectivity between them. Approximately 31% of the PCCP Plan area is considered a designated Natural Landscape Block (NLB) and/or an Essential Connectivity Area (ECA) under the State of California's Habitat Connectivity Project², indicating that the plan area has high ecosystem integrity, and that natural habitat is intact and not fragmented.

Climate Change Adaptation

All NCCPs are designed to facilitate the adaptation of wildlife to climate change. These plans build ecological resilience by creating landscape-scale interconnected reserve networks that are based on the major tenets of conservation biology, including representativeness, multiplicity, and redundancy of large habitat blocks and natural communities. NCCP reserve networks typically occupy hundreds of thousands of acres across the entire range of environmental gradients in a planning area, and because of this and their high level of connectivity, NCCP reserve systems readily provide for the natural movements of individual organisms, and species and habitat distributional shifts, in

² Spencer, W.D., P. Beier, K. Penrod, K. Winters, C. Paulman, H. Rustigian-Romsos, J. Stritholt, M. Parisi, and A. Pettler. 2010. California Essential Habitat Connectivity Project: A Strategy for Conserving a Connected California. Prepared for California Department of Transportation, California Department of Fish and Wildlife, and Federal Highways Administration.

response to climate change. In addition, where possible, NCCP reserves and linkages also provide interconnections to large blocks of federal and other publicly-owned lands (Forest Service, BLM, NPS, military, state and county parks) to help ensure that species and habitats on public lands have access to the broadest range of ecological gradients over which to adapt. NCCPs also require protection and restoration of key ecological processes which are essential to maintaining sustainable landscapes and populations. NCCPs acknowledge a high degree of scientific uncertainty and use conceptual predictive models to identify and resolve critical uncertainties, including effects of climate change, in an adaptive management framework that is regularly evaluated through regional effectiveness monitoring. The U.S. Fish and Wildlife Service (USFWS) and California Department of Fish and Wildlife (CDFW) are significantly building their collaborative and scientific capacity for mediating effects of climate change through NCCPs.

Public Benefits

In general, the preparation of the PCCP will benefit the public by protecting habitats and natural communities and permanently providing open space areas for the County. This will benefit both the environmental resources and the public, who will enjoy open space in their community in perpetuity. Preservation of natural communities will also benefit the residents of Placer County by controlling floods, preventing soil erosion, maintaining soil fertility, and other natural processes. Additional benefits include recreational opportunities, where appropriate, that contribute to the quality of life for residents.

APPROACH: *How will the objective be attained? Include specific procedures, schedules, key cooperators and respective roles.*

Task 1A and 1B –CARP Strategy and CARP Integration

This task will involve finalizing a CARP manual and revising PCCP documents. This work will be completed by Placer County staff and our consultant team, and will include activities such as document development and review, agency meetings and coordination/resolution of inconsistencies.

Task 2 - Coon Creek Watershed Assessment

The PCCP has identified the presence of rare, threatened or endangered species that are known to occur or could occur within the Coon Creek, as well as contiguous oak woodland complexes, high quality wetlands, and potential threats and impacts to these species and habitats. The California Rapid Assessment Method (CRAM) will be used to assess the health of wetlands and riparian habitats in the Coon Creek watershed. In addition, the key ecological parameters that will be assessed during this task are:

1. Dynamic fluvial geomorphic processes under a full range of discharges (stream channel dimension, pattern, and profile, stream channel and floodplain connectivity, etc.).
2. Expansion and self-perpetuation of riparian plant communities.
3. Species composition and abundance (for example, benthic macroinvertebrates, mammals, birds, insects, reptiles, fish and amphibians).
4. Overall water quality.

All work will be completed by Placer County staff and our consultant team. The results of the assessment will be used to inform the biological goals and objectives of the PCCP.

Task 3 Rare Species Surveys

Protocol surveys to assess the presence of covered species will be conducted in a manner that will help assist with PCCP implementation. This Non-Traditional Section 6 funding will allow Placer County to complete the following:

1. Surveys to detect the presence of target covered species (see Objectives Section) are to be conducted by a qualified biologist (ecologist, botanist or zoologist) who has demonstrated knowledge of the plant and animal species and natural communities expected to be present on the site.
2. The surveys will be conducted on lands Placer County has been granted access to within the reserve acquisition area and will take into account current land use and potential habitat on adjacent land. Whether a survey is conducted for particular species on certain lands will be based primarily on whether the land cover types and specific habitat niches are available for each species.
3. Surveys must be conducted using standard techniques designed to ensure a high probability of locating the target covered species and minimize the negative impact on the species or its habitat.
4. Surveys must be done at appropriate times during the year to adequately survey for the target covered species.
5. Several visits to a site may be needed because of differences in timing of critical stages of the life cycle for different species.
6. Plant communities, natural habitats, and other important land features classified by the California Natural Diversity Database (CNDDDB) should be noted even if no listed species are found.
7. Individuals conducting surveys for listed species should have an Endangered Species Permit, obtained from the CDFW/USFWS.
8. A final survey report with spatially explicit species occurrence maps and GIS data will be produced.
9. Baseline information will be used to inform the biological goals and objectives of the PCCP as well as monitoring and adaptive management goals.

Task 4 Low Impact Development Standards

This task will assist Placer County and a team of consultants to complete the following for Low Impact Development Standards:

1. Development of LID standards for both the Valley and Foothill areas of the PCCP.
2. The County plans to use the PCCP to update its planning and regulatory framework with respect to LID.
3. Training seminars for local agency planners, engineers and Planning Commissioners on the principles of LID in the context of the PCCP.

Procedures/Schedule

The project tasks and schedule identified for the overall PCCP work program provided in Table 1 will continue until the document is completed. All tasks funded by this grant proposal will be completed by December 2016. All data gathered, and strategies and plans developed for this project will be shared with the Agencies, other cities, and the public. Final reports and documents will be cited in the PCCP and provided to the Agencies.

Key Cooperators/Roles

There are a number of working groups in which individuals, organizations and agencies can actively participate in the PCCP planning process. The principal means for agency participation is through the Inter-agency Working Group (IWG). The IWG is composed of staff from the three Participating Agency stakeholders, and representatives from the USFWS, CDFW, and the National Marine Fisheries Service. This group meets to discuss the progress of the PCCP and analyze the program's next steps. At times coordination with the U.S. Environmental Protection Agency and the U.S. Army Corps of Engineers also takes place through this group.

General public participation in the planning process is facilitated through the Biological Working Group (BWG), which was formed to discuss the development of the PCCP with the all the major Plan area stakeholder groups (i.e. the building community, environmental organizations, agricultural community, etc.). Currently, the BWG meets to review PCCP Chapters and discuss specific topics and concerns that have been identified by the group (see Table 3 for list of BWG membership). Moreover, private sector non-profit partners are also cooperating and providing assistance. Three in particular are or have been important to this effort: 1) the Sierra Business Council; 3) Placer Land Trust; and 2) the Trust for Public Land.

LOCATION: *Where will the work be done? Describe habitat type(s) to be affected, and relevant ecosystem/watershed characterization.*

The Plan area (approximately 212,000 acres) is located in western Placer County in the Sacramento Valley and Sierra Nevada foothills (see draft PCCP Reserve Map). Western Placer County contains four major watersheds, all flowing down the west slope of the Sierra Nevada: 1) Bear River, which defines the northern Plan Area boundary, 2) Coon Creek / Auburn Ravine, which covers the majority of the Plan Area, 3) American River, and 4) North Fork American River, which defines the southeastern Plan Area boundary. The vegetation communities covered by the Plan Area include: agricultural croplands, annual grasslands, aquatic environments, chaparral, emergent wetlands, oak woodlands, riparian forests/woodlands, and vernal pools.

ESTIMATED COST: *Provide detailed breakdown of what it will cost to attain objective.*

See attached budget spreadsheet.

TABLE 1- PCCP WORK PROGRAM TASKS

Program Initiation

Initial Data Collection

| | |
|-------------------------------------------------------------------------------|----------------|
| Aerial Photo - Orthorectified to the County's Parcel Base | completed 2002 |
| Habitat/Species Data Collection - vernal pools, riparian, salmonid, oaks, etc | completed 2004 |
| Vegetative Land Cover Data Layer | completed 2003 |
| Completion of the Placer County Natural Resources Report | completed 2003 |

Data Review & Assessment for Adequacy of Regulatory Coverage

| | |
|-------------------------------------------|-----------|
| Identify Data Gaps | completed |
| Identify Sources for New Data | ongoing |
| SWG Review and Acceptance of Data | completed |
| IWG Review and Acceptance of Data | completed |
| BWG Review of Data | completed |
| Identification of need for Peer Review | completed |
| Completion of Data Collection for Phase 1 | completed |

Stakeholder Committee Formation

| | |
|----------------------------------------------------|-----------|
| Appoint Biological Stakeholder Working Group (BWG) | completed |
| Initiate BWG meetings | completed |
| Initiate Interagency Working Group Meetings (IWG) | completed |

Draft Species List

| | |
|----------------------------------------------------------------------------|-----------|
| Interagency Working Group (IWG) Review | completed |
| BWG Review | completed |
| SWG Review of the Species List | completed |
| Prepare Draft Species Profiles | completed |
| (Complete Species Profiles after preparation of the Conservation Strategy) | completed |

Draft Covered Activities List

| | |
|-------------------------------------------|-----------|
| Prepare list of Public Projects | completed |
| Prepare list of Private Projects | completed |
| Identify Participating Agencies Projects | completed |
| IWG Review of Public and Private Projects | completed |
| BWG Review of Public and Private Projects | completed |
| SWG Review of the Species List | completed |

Identify Public Stakeholder Participants

Complete Science Advisor Report **completed**

Planning Agreement

Preparation of Administrative Draft NCCP/HCP Planning Agreement **completed**

Interim Guidelines Development **completed**

| | |
|------------------------------------------------------|-----------|
| Identification of Regulatory Issues | completed |
| Preparation of Draft Interim Guidelines | completed |
| Incorporate Guidelines into Draft Planning Agreement | completed |

Agency Review - Draft HCP/NCCP Planning Agreement **completed**

BOS Approval of HCP/NCCP Planning Agreement **completed**

Agency Approval of HCP/NCCP Planning Agreement **completed**

Conservation Strategy

Development of the Conservation Strategy Overview

| | |
|--------------------------------------------------|-----------|
| Prepare the Conservation Strategy Overview (CSO) | completed |
|--------------------------------------------------|-----------|

TABLE 1- PCCP WORK PROGRAM TASKS

| | |
|---------------------------------------------------------------------------|---------------------|
| Update the CSO with Ad-Hoc Subcommittee Determinations | completed |
| PCCP Ad Hoc Subcommittee Formation | completed |
| Initiate Reserve Map Deliberations | completed |
| Complete Negotiations on Reserve Map | ongoing |
| Complete the Conservation Strategy Analysis | |
| Redefinition of Covered Activities | completed |
| Update Take Model | ongoing |
| Update 2060 Population and Employment Projection | completed |
| Update Land Conversion Estimates | ongoing |
| BWG Discussion of Conservation Strategy | ongoing |
| Update Valley Floor Vegetation Data with 2007 Aerial Imagery | completed |
| Update Valley Floor Vegetation Data with 2011 Spring Aerial Imagery | completed |
| LiDAR mapping for the Valley Floor | completed |
| New Cost Estimates (one time and ongoing) | ongoing |
| Complete Contract Modifications/Cost Estimates to Complete Program | ongoing |
| BOS Review of the Draft Conservation Strategy Overview #2 | completed |
| Prepare Administrative Draft PCCP | |
| Plan Area Description-refinement (District 5 boundary) | completed |
| Prepare Biological Goals and Objectives | ongoing |
| Identification of Take | ongoing |
| Determination of Incidental Take Levels | ongoing |
| Indirect Effects Assessment | ongoing |
| Species Profiles | completed |
| Covered Activities | ongoing |
| Conservation Strategy | ongoing |
| Adaptive Management Strategy | ongoing |
| Monitoring Program | ongoing |
| Alternatives Analysis | ongoing |
| Amendment Procedures | ongoing |
| Admin. Review Draft PCCP | |
| Ad Hoc Committee Review Admin. Draft PCCP | completed |
| BWG Review Admin Draft PCCP | December '10 |
| Agency Review Draft PCCP | February '11 |
| BOS Workshop - Update and Overview | November '10 |
| Prepare 2nd Administrative Draft PCCP | |
| Staff/Consultant Complete Preparation of 2nd Admin Draft PCCP | ongoing |
| Ad Hoc Committee Review | ongoing |
| BWG Review of 2nd Admin. Draft PCCP | ongoing |
| 2nd Admin. Draft HCP/NCCP | |
| IWG Review of 2nd Admin. Draft PCCP | ongoing |
| Revise 2nd Admin. Draft PCCP | ongoing |
| Prepare Draft PCCP for Public Distribution | TBD |
| BOS Review - Draft PCCP | TBD |
| Public Review - Draft PCCP | TBD |
| BOS Review of Final Draft PCCP Planning Documents | TBD |
| BOS Direction - Preparation of the IA & CEQA/NEPA Review | TBD |
| BWG Regularly Meetings Conclude | TBD |
| PCCP Finance Plan | |

TABLE 1- PCCP WORK PROGRAM TASKS

Prepare Draft Financial Alternatives Analysis & Fiscal Impact Analysis

| | |
|-----------------------------------------------|-----------|
| Prepare Draft Fiscal Impact Analysis | completed |
| Prepare Final Financial Alternatives Analysis | completed |
| Prepare Final Fiscal Impact Analysis | completed |

Prepare Administrative Draft Finance Plan

| | |
|---------------------------------------------------------------|-----------|
| Re-engage Finance Subcommittee | Spring 13 |
| Initiate Preparation of Finance Plan/Governance Structure | TBD |
| Determination of One-time Costs (acquisition and restoration) | TBD |
| Determination of Management and Monitoring Costs | TBD |
| Determination of Mitigation Costs | TBD |
| Prepare Draft Financial Alternatives Analysis | TBD |
| Prepare Admin Draft PCCP Finance Plan | TBD |
| Finance Subcommittee Draft PCCP Finance Plan | TBD |
| BWG Review of Admin. Draft PCCP Finance Plan | TBD |
| Public Review of the Draft Finance Plan | TBD |
| Prepare Final Finance Plan | TBD |

Implementation Agreement

Prepare Implementing Agreement

| | |
|----------------------------------------------------------|--------------|
| Prepare Admin. Draft Implementing Agreement | December '10 |
| IWG Review of Admin. Draft Implementing Agreement | TBD |
| Revise/Modify Implementing Agreement-meet w/agencies | TBD |
| BWG review of Admin. Draft Implementing Agreement | June '11 |
| Distribute Final Implementing Agreement for IWG Approval | April '12 |

NEPA/CEQA Process

Develop Project Description and Environmental Setting

August '08

Select Contractor for Preparation of the EIR/EIS

completed

NOP/NOI

| | |
|-------------------------------------------------------------|--------------|
| NOP/NOI/Scoping | completed |
| NOP Distribution and Public Comment Period | completed |
| NOP/NOI/Re-scoping | Not Required |
| Re-circulation - NOP Distribution and Public Comment Period | Not Required |

ADEIR/EIS Preparation

| | |
|-------------------------------------------------------------------------------|------------|
| Initiate EIR/EIS Preparation (environmental setting, cum. impacts, alts, etc) | Spring '13 |
| Contractor to Prepare ADEIS/ADEIR | Spring '13 |

Draft EIR/EIS

| | |
|----------------------------|------------|
| Prepare Draft EIR/EIS | Summer '13 |
| Public review of DEIR/DEIS | Fall '13 |

AFEIR/AFEIS

| | |
|------------------------------------------|-----|
| Preparation of Admin. Draft Findings/ROD | TBD |
| Response to Comments | TBD |
| Prepare 1st AFEIR/AFEIS | TBD |
| EIR Consultant Modifies AFEIR/AFIES | TBD |
| Prepare 2nd AFEIR/AFEIS | TBD |

Public Review of FEIR/FEIS-30 days

TBD

Sec. 404 Clean Water Act Compliance

| | |
|--------------------------------------------|-----------|
| Preliminary evaluation of CARP feasibility | completed |
| Early agency coordination | completed |

TABLE 1- PCCP WORK PROGRAM TASKS

| | |
|----------------------------------------------------------|------------|
| BWG Review of Wetland Regulatory Options | completed |
| BWG Review of Wetland Regulatory Approach | completed |
| Integration of PGP into the Draft PCCP | Winter '13 |
| Prepare CARP Draft Manual | ongoing |
| Determine Permit Categories | completed |
| Determine Avoidance/Minimization Measures | ongoing |
| Prepare draft low impact development standards | Spring '14 |
| SHPO Coordination | ongoing |
| BWG Review of draft PGP | ongoing |
| Final IWG Review of draft PGP | ongoing |
| Public Notice and Comment | Fall '13 |
| Sec. 401 Clean Water Act Compliance | |
| Preliminary evaluation of feasibility | completed |
| Early agency coordination - State/Regional WQCB | ongoing |
| Prepare administrative draft | TBD |
| BWG Review | TBD |
| IWG Review | TBD |
| Integration into the Draft PCCP | Summer '13 |
| Public Notice and Comment | TBD |
| DFW Master Streambed Alteration Agreement | |
| Preliminary evaluation of feasibility | completed |
| Early agency coordination | ongoing |
| Prepare administrative draft agreement | TBD |
| BWG Review | TBD |
| IWG Review | TBD |
| Integration into the Draft PCCP | TBD |
| Public Notice and Comment | TBD |
| Final Actions | |
| BOS Hearing to Approve PCCP Conservation Strategy | TBD |
| BOS Hearing to Approve PCCP Finance Plan | TBD |
| BOS Hearing to | TBD |
| BOS Hearing to Certify EIR/NOD/ROD | TBD |
| BOS to Sign Implementing Agreement | TBD |
| File 10(a) NCCP Application | TBD |
| Issue ESA permits/NCCP Authorization | TBD |

Table 2. Species Proposed for Coverage in the Placer County Conservation Plan

| Common Name | Scientific Name | Federal | Status ^a |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------|---------|----------------------------------|
| | | | State and CNPS List (for plants) |
| Birds | | | |
| Bald eagle | <i>Haliaeetus leucocephalus</i> | D | SE & FP |
| Swainson's hawk | <i>Buteo swainsoni</i> | □□ | ST |
| American peregrine falcon | <i>Falco peregrinus</i> | D | SE ^b & FP |
| California black rail | <i>Laterallus jamaicensis coturniculus</i> | BCC | ST & FP |
| Bank swallow | <i>Riparia riparia</i> | □□ | ST |
| Western burrowing owl | <i>Athene cunicularia hypugaea</i> | BCC | SSC |
| Cooper's hawk | <i>Accipiter cooperii</i> | □□ | WL |
| Loggerhead shrike | <i>Lanius ludovicianus</i> | BCC | SSC |
| Northern harrier | <i>Circus cyaneus</i> | □□ | SSC |
| Ferruginous hawk | <i>Buteo regalis</i> | BCC | WL |
| Yellow warbler | <i>Dendroica petechia (brewsteri)</i> | □□ | SSC |
| Yellow-breasted chat | <i>Icteria virens</i> | □□ | SSC |
| Modesto song sparrow | <i>Melospiza melodia mailliardi</i> | □□ | SSC |
| Grasshopper sparrow | <i>Ammodramus savannarum</i> | □□ | SSC |
| Tricolored blackbird | <i>Agelaius tricolor</i> | BCC | SSC |
| Reptiles | | | |
| Giant garter snake | <i>Thamnophis gigas</i> | FT | ST |
| Northwestern pond turtle | <i>Actinemys marmorata marmorata</i> | □□ | SSC |
| Amphibians | | | |
| Western spadefoot | <i>Spea hammondi</i> (formerly <i>Scaphiopus hammondi</i>) | □□ | SSC |
| Foothill yellow-legged frog | <i>Rana boylei</i> | □□ | SSC |
| California red-legged frog | <i>Rana aurora draytonii</i> | FT | SSC |
| Fish | | | |
| Central Valley steelhead – Distinct Population Segment | <i>Oncorhynchus mykiss irideus</i> | FT | □□ |
| Central Valley fall/late fall- run Chinook salmon Evolutionary Significant Unit | <i>Oncorhynchus tshawytscha</i> | □□ | SSC |
| Invertebrates | | | |
| Valley elderberry longhorn beetle | <i>Desmocerus californicus dimorphus</i> | FT | □□ |
| Conservancy fairy shrimp | <i>Branchinecta conservatio</i> | FE | □□ |
| Vernal pool fairy shrimp | <i>Branchinecta lynchi</i> | FT | □□ |
| Vernal pool tadpole shrimp | <i>Lepidurus packardii</i> | FE | □□ |
| Plants | | | |
| Bogg's Lake hedge-hyssop | <i>Gratiola heterosepala</i> | □□ | SE; 1B.2 |
| Dwarf downingia | <i>Downingia pusilla</i> | □□ | 2.2 |
| Legenere | <i>Legenere limosa</i> | □□ | 1B.1 |
| Ahart's dwarf rush | <i>Juncus leiospermus var. ahartii</i> | □□ | 1B.2 |
| Red Bluff dwarf rush | <i>Juncus leiospermus var. leiospermus</i> | □□ | 1B.1 |
| ^a Status | | | |
| Federal | | | |
| FE Federally Endangered | | | |
| FT Federally Threatened | | | |
| BCC U.S. Fish and Wildlife Birds of Conservation Concern | | | |
| D Delisted | | | |

State

SE State Listed as Endangered

ST State Listed as Threatened

FP Fully Protected

WL California Department of Fish and Wildlife Watch List

SSC California Department of Fish and Wildlife Species of Special Concern

California Native Plant Society's (CNPS) List Criteria

1A. Presumed extinct in California

1B. Rare or Endangered in California and elsewhere

2. Rare or Endangered in California, more common elsewhere

3. Plants for which we need more information - Review list

4. Plants of limited distribution - Watch list

Threat Code extensions and their meanings:

.1 - Seriously endangered in California

.2 - Fairly endangered in California

.3 - Not very endangered in California

b On Aug 6, 2009, The California Fish and Game Commission voted to remove the American peregrine falcon from California's endangered species list. The Commission's decision must be reviewed by the Office of Administrative Law before the species can be officially removed from the Endangered Species list. The American peregrine falcon is currently designated as a Fully Protected Species under the Fish and Wildlife Code; that will not change as a result of the delisting.

Table 3-Biological Working Group (BWG) Stakeholder Representatives
(August 2012)

| | Member and Alternate | Representing |
|----|-----------------------------------------------------------------------------------------------------------------|-----------------------------|
| 1 | Sean Booth, Sierra College Shawn Martinez, Sierra College (Alternate) | Education |
| 2 | Mark Fowler | Agriculture / Education |
| 3 | Rich Ross Tahoe Cattlemen's Association | Agriculture |
| 4 | Terry Davis, Sierra Club Marilyn Jasper, Sierra Club (Alternate) | Environmental |
| 5 | Ed Pandolfino, Sierra Foothills Audubon Society Scott Dietrich, Sierra Foothills Audubon Society (Alternate) | Environmental |
| 6 | Julie Hanson, AKT Development Corporation Bob Shattuck, Lennar Communities (Alternate) | Landowners/ Development |
| 7 | Marcus LoDuca, Lo Duca & Avdis, LLP Jim Stewart, ECORP Consulting (Alternate) | Landowners/ Development |
| 8 | Russell Davis, Building Industry Association | Landowners/ Development |
| 9 | Gregg McKenzie, Restoration Resources Brian Plant, Remy, Thomas, Moose & Manley (Alternate) | Landowners/ Conservation |
| 10 | Cindy Tambini, Wildland Inc. | Landowners/ Conservation |
| 11 | Jessica Daugherty, Placer Land Trust Justin Wage, Placer Land Trust (Alternate) | Landowners/ Conservation |
| 12 | Greg Suba, California Native Plant Society | Environmental |
| 13 | George Kammerer, Hefner Stark & Marois, LLP | Landowners/ Development |
| 14 | Christine Turner, Farm Bureau | Agriculture |
| | Participating staff members | |
| | Heather Trejo Einar Maisch | PCWA |
| | George Dellwo | City of Lincoln |

Rod Campbell

Mark Morse

Loren Clark

Chris Beale

Jennifer Byous

Edmund Sullivan

Stacey McKinley

City of Roseville

Placer County

Table 2. 2013 Non-traditional Section 6 Budget Worksheet

Project Title: Placer County Conservation Plan
Section 6 Program: HCP Planning Assistance

| Budget Category | Federal Amount | Non-federal Match | DFG staff time (includes overhead) | Non-federal Match for DFG staff time | Total Project Costs | |
|-----------------------------------------------------------------------------------|----------------------|--------------------|------------------------------------|--------------------------------------|---------------------|--------------------------------------------------------------------|
| Planning Tasks | | | | | | |
| Task 1A – Finalize the Development of the CARP Strategy | \$126,000 | \$47,730 | \$10,000 | \$3,334 | \$187,064 | |
| Task 1B - Integrating the CARP Regulatory Strategy and PCCP Conservation Strategy | \$145,500 | \$29,832 | \$69,000 | \$23,000 | \$267,332 | |
| Task 2 Coon Creek Watershed Assessment | \$350,000 | \$104,410 | \$12,000 | \$4,000 | \$470,410 | |
| Task 3 Rare Species Surveys | \$75,000 | \$23,865 | \$10,000 | \$3,334 | \$112,199 | |
| Task 4 Low Impact Development Standards | \$100,000 | \$59,663 | \$14,000 | \$4,665 | \$178,328 | |
| Task Subtotals | \$796,500 | \$265,500 | \$115,000 | \$38,333 | \$1,215,333 | 1. Find task totals |
| DFG Overhead (35%) | | | | | | |
| TOTAL COSTS = | \$796,500 | \$265,500 | \$115,000 | \$38,333 | \$1,215,333 | 3. Total Cost of Project is Total Project Costs plus DFG overhead |
| TOTAL COST OF PROJECT | | | | | | 4. Match %: Divide non-fed match total by total project cost. |
| | \$303,833.00 | 25.0% | | 25.0% | | Adjust values in task boxes above to change your match percentage. |
| SUMMARY | | | | | | |
| | Federal \$ Requested | Match % (min. 25%) | Non-Federal Match \$ | | TOTAL PROJECT COST | |
| | \$911,500 | 25% | \$303,833 | | \$1,215,333 | |

Section 6 Program types:

- Recovery Land Acquisition
- HCP Planning Assistance
- HCP Land Acquisition

**U.S. Fish and Wildlife Service
FY 2013 Cooperative Endangered Species Conservation Fund
Project Descriptions Arranged by State**

Habitat Conservation Plan Land Acquisition Grants by State:

California

**Coachella Valley Multiple Species Habitat Conservation Plan (Riverside County)
\$3,000,000.**

This grant will result in the acquisition of up to 3,114 acres that will greatly enhance the existing Coachella Valley MSHCP by securing key regional wildlife linkages, sand transport areas, and preserving core habitat areas. The land acquisition will benefit 20 species, including federally listed species such as the Coachella Valley fringe-toed lizard, desert tortoise, and peninsular bighorn sheep. The acquisition will complement and greatly enhance the ecological value of the many other acquisitions that have previously occurred in these areas in the last few years.

**San Diego County Water Authority Subregional NCCP/HCP (San Diego County)
\$3,000,000.**

These funds will purchase up to 300 acres that provide important habitat for the federally listed species covered by the HCP, including southwestern willow flycatcher, least Bell's vireo, and coastal California gnatcatcher. The SDCWA NCCP/HCP is the most recently approved regional plan in southern California. The HCP area encompasses approximately 922,000 acres of land within western San Diego County and southwestern Riverside County. The acquisition of these lands will complement the areas already protected by the HCP and are critically important to many listed species.

**Western Riverside County Multispecies Habitat Conservation Plan* (Riverside County)
\$2,773,398.** This grant will support the acquisition of approximately 483 acres of land in Riverside County. This acquisition will benefit numerous sensitive species including federally listed species like the California gnatcatcher, Arroyo southwestern toad, and Quino checkerspot butterfly. The acquisition will support the assembly of the 500,000-acre preserve that is part of the Western Riverside MSHCP by protecting large blocks of coastal sage scrub, chaparral, and grassland habitats.

Utah

Washington County HCP Desert Tortoise Acquisition* (Washington County) \$1,419,266.

This grant will support the acquisition of up to 1,245 acres of habitat for the desert tortoise in the Red Cliffs Desert Reserve in southwestern Utah. Acquisition of these lands is essential in preserving the integrity of the reserve as these unburned parcels provide critical refugia for desert tortoises and seed sources for restoration of other areas of the reserve impacted by wildfires due to cheat grass invasions. Protecting this habitat will greatly complement the Washington County HCP and the work of many partners in establishing and managing the reserve for endangered species conservation.

Washington

I-90 Wildlife Corridor Phase V (King and Kittitas Counties) \$2,000,000.

This project will protect an additional 1,000 acres of habitat for the federally listed bull trout, northern spotted owl, gray wolf, and grizzly bear. In addition, it will protect habitat and improve habitat connectivity for 60 terrestrial vertebrates including wolverine, American marten, and Pacific giant salamander. This improved connectivity will increase the effectiveness of wildlife crossing infrastructure associated with the adjacent I-90 freeway. Acquisitions in this location are essential, as the opportunities to protect lands connecting the northern and southern Cascades are limited due to natural features and increasing human development. This latest acquisition, along with lands already protected by the Washington Department of Natural Resources, will contribute to the ecological integrity of the Central Cascades Ecosystem, including the lands covered by the Cedar River Watershed HCP.

Mountain View 4-O Ranch 2013 (Asotin County) \$2,000,000.

This project will protect 2,400 acres in extreme southeastern Washington, including one mile of the Lower Grande Ronde River and three miles of tributaries that support federally listed bull trout, as well as steelhead, interior redband trout, Pacific lamprey, and many other sensitive aquatic species. This project is part of a larger, multi-phased, landscape-level project that will eventually protect 13,000 acres and 15 miles of streams. The project is bordered on the north by Forest Service lands and on the south and east by Bureau of Land Management lands. This is a rare opportunity to purchase a large, ecologically-intact, and diverse landscape that protects many habitat types including uplands, cliff and talus habitats, meadows, springs, curl-leaf mahogany shrubland, interior grassland, and Ponderosa pine woodlands that support the federally listed gray wolf, as well as elk, bighorn sheep, deer, and golden eagles.

* indicates partial funding

Habitat Conservation Planning Assistance Grants by State:

California

Bay Delta Conservation Plan (Sacramento-San Joaquin Bay-Delta) \$410,818.

This grant will support the development of an HCP/NCCP for the Sacramento-San Joaquin Bay-Delta (Delta) Region. The Delta is the largest estuary on the West Coast. The Delta supports over 750 plant and animal species, 126 of which are sensitive or listed as threatened or endangered. The Delta is also critical to California's economy, serving as the "hub" of the State's water infrastructure, supplying drinking water for two-thirds of Californians and irrigation water for over 7 million acres of highly-productive agricultural lands. The Bay Delta HCP/NCCP is being developed as a long-term comprehensive plan that will conserve and manage covered species and natural communities in perpetuity while providing reliable water supplies for the State's myriad of beneficial uses.

Placer County Conservation Plan (Placer County) \$911,500.

This funding will support the planning phase of the Placer County Conservation Plan in northern California. The county has partnered with other local, state, and federal agencies to develop the plan. Participating local agencies include unincorporated Placer County, the City of Lincoln, and the Placer County Water Agency. The primary objective of the plan is to balance development with the conservation of the county's natural resources and provide for the protection of sensitive species and their respective habitats. Numerous listed and sensitive species will benefit from this plan including vernal pool fairy shrimp, giant garter snake, and American peregrine falcon.

Yolo County Habitat Conservation Plan (Yolo County) \$999,000.

This funding will support the planning phase of the Yolo Natural Heritage Program (Yolo County HCP/NCCP) in northern California. The Yolo County Habitat Conservation Plan, comprised of Yolo County and all four incorporated cities (Davis, Woodland, Winters, and West Sacramento) is collaboratively developing a plan to protect habitat and agricultural land countywide while allowing for effective coordination between development agencies and conservation agencies to ensure conservation occurs through an effective, collaborative, and cost-effective process. The plan will also direct growth within cities while preserving open space to ensure important species habitat remains undeveloped. Numerous listed and sensitive species will benefit from this plan including vernal pool tadpole shrimp, giant garter snake, California tiger salamander, and least Bell's vireo.

Owens and Mono Basins Riparian Habitat Conservation Plan (Mono and Inyo Counties) \$182,250.

This funding will support the planning phase of the Owens and Mono Basins Riparian Habitat Conservation Plan in eastern California. The draft HCP covers 310,000 acres owned by the City of Los Angeles and managed by the Los Angeles Department of Water and Power in Inyo and Mono Counties, including all of the major waterways in the region. Other proposed plan activities include power production, livestock grazing, prescribed burning, fire suppression, weed control, agriculture, road maintenance, and habitat management. The HCP targets seven species including four federally endangered species: Least Bell's vireo, southwestern willow flycatcher, Owens pupfish, and Owens tui chub.

Florida

Statewide Habitat Conservation Plan for Florida Beaches (35 Coastal Counties-Statewide) \$735,098.

This grant will assist stakeholders develop a plan to assimilate acquired data into a detailed draft of the HCP. Activities in the coastal area and their threats to listed species will be also be analyzed. The goal of the HCP is to allow for ongoing beach structure protection measures while limiting and mitigating the adverse effects to nesting loggerhead, Kemp's ridley, leatherback, green, and hawksbill sea turtles, five beach mouse subspecies, and shorebirds, including wintering piping plover. The Florida Department of Environmental Protection is leading this effort in conjunction with builders groups, municipalities, and others.

Polk County Multi-Species Habitat Conservation Plan (Polk County) \$277,029.

This grant will assist in initiating planning for a county-wide HCP for scrub habitats benefitting the Florida scrub-jay, eastern indigo snake, sand skink, blue-tailed mole skink, and other dry scrub species. Implementation of an HCP in Polk County marks a significant step forward for scrub conservation in the heart of Florida's central ridge that can be linked to similar efforts in neighboring counties.

East Collier County Multiple-Species Habitat Conservation Plan (Collier County) \$615,408.

This grant will assist planning for the first area-wide HCP to cover the endangered Florida panther. Expected results include production of a draft HCP and environmental impact statement. Implementation of this HCP will provide the first such conservation plan in the panther's primary recovery zone. The plan represents a collaborative effort among many private stakeholders with ranching, development, and conservation interests.

Georgia

Lower Flint River Basin Habitat Conservation Plan (15 Southwest Georgia Counties) \$263,458.

This grant will assist in the second year of planning for a basin-wide HCP for aquatic habitats used by federally-listed mussels such as the shinyrayed pocketbook, oval pigtoe, Gulf moccasinshell, purple bankclimber, and fat threeridge. Other aquatic species to benefit include fifteen fish, mussel, reptile, and amphibian species of state management concern. Increasing demands for water resources in this vital agricultural area combined with recent droughts have made clear the need for proactive conservation planning in this region.

Hawaii

Coordination and Planning of the Kaua'i Seabird Habitat Conservation Program on Kaua'i, Hawai'i (Kaua'i County) \$445,331.

This project will continue the development of an HCP for 14 applicants, including the County of Kaua'i, Kaua'i Island Utility Cooperative, and the Hawai'i Department of Transportation, to address incidental take of listed species from light attraction and utility line collisions. Three federally listed species -- the Hawaiian petrel, Newell's shearwater and green sea turtle -- one candidate species, the band-rumped storm petrel, and a host of endangered plants will be covered under the HCP. The green sea turtle was recently added to the covered species based on new information indicating that coastal lights have resulted in the take of nesting turtles. Ninety percent of the world's Newell's shearwater population breeds on Kaua'i and the population has declined by 75% since the early 1990s. When completed, the HCP will provide a legal solution to the incidental take of listed seabirds, enable multiple entities to obtain federal and state authorization of this take, and initiate mitigation to offset take through management that will benefit nesting seabirds and sea turtles.

Kaua'i Nēnē Island-wide Habitat Conservation Plan (Kaua'i County) \$508,348.

This project will develop an island-wide HCP for incidental take of the federally endangered Nēnē, or Hawaiian goose, associated with agriculture, public/air safety, and residential homes. The HCP will implement effective take avoidance and minimization strategies and ensure that these strategies are in accordance with the species' long-term recovery goals. The island of Kaua'i supports the only self-sustaining population of Nēnē and individuals are increasingly found foraging and nesting in agricultural areas, residential areas, and golf courses where fresh

water and food plants are abundant. These areas expose Nēnē to threats from agricultural operations, construction, vehicles, and predation from domestic animals. Occasionally, the presence of Nēnē at airports constitutes a risk to the safe operation of aircraft. The mitigation developed in the HCP will provide a net recovery gain for the species, and core areas where birds can safely forage and breed will be identified and managed. Public outreach and education funded as part of this grant will help offset growing tension among farmers whose crops are being damaged by Nēnē.

Multi-State

Multi-Species Habitat Conservation Plan for Wind Energy Development in the Midwest (Indiana, Michigan, Missouri- Statewide) \$950,000.

This grant will allow the natural resource agencies within the Service's Midwest Region to continue the development of a landscape-level, multi-species HCP throughout eight states to provide conservation benefits to listed species, while accommodating wind development. The plan will provide a means for wind energy developers to avoid, minimize, mitigate, and compensate for adverse effects to covered species such as the endangered Indiana bat, gray bat, interior least tern, Kirtland's warbler, piping plover, and several unlisted bat species. As a part of the HCP, all eight states in the Midwest Region will work in collaboration with the wind industry and The Conservation Fund to lead a strategic conservation planning process that focuses on integrating species needs with potential habitat mitigation across the landscape.

Oregon

Deschutes Basin Multi-Species Habitat Conservation Plan (Crook, Deschutes, Jefferson, Klamath, Sherman, and Wasco Counties) \$410,000.

This project will continue the development of an HCP for the Deschutes Basin Board of Control, member irrigation districts, and the City of Prineville that will benefit aquatic-dependent species in the upper Deschutes Basin, while meeting current and future irrigation and municipal water needs in a balanced, economically viable, and sustainable manner. Eleven species will be covered under the HCP, including the federally listed bull trout as well as the middle Columbia River steelhead and the Oregon spotted frog, a candidate for federal protection. When completed, the HCP will provide ecosystem benefits to large areas of the upper Deschutes River basin, which includes the Metolius, Crooked, and Deschutes river basins.

Tennessee

Development of a Habitat Conservation Plan by City of Crossville and Cumberland County, Tennessee (Cumberland County) \$645,366.

This grant will assist in the ongoing development of the Cumberland region-wide HCP to protect aquatic resources. Several mammals, mussels, reptiles, amphibians, fish, and aquatic invertebrates will benefit from this effort to develop protective measures in an ecologically-diverse region that is beginning to experience increased development and resource extraction issues. The HCP will provide management prescriptions and regulatory guidelines to minimize and mitigate development effects on the target species and habitats. With the plan in operation, regulatory processes for the covered municipalities will be streamlined. Listed species include the Indiana bat, gray bat, spotfin chub (a fish species), purple bean (a freshwater mussel), and Cumberland rosemary and Virginia spiraea (plant species).

Washington

South Puget Sound Prairie Habitat Conservation Plan (Thurston County) \$626,687.

This project will continue the development of an HCP for the best remaining prairie habitats and restoration sites in South Puget Sound. It will identify the set of tools necessary to supplement more traditional conservation strategies to achieve the long-term preservation of a network of habitats needed for the survival of up to 18 species such as the threatened golden paintbrush and water howellia, as well as the mardon skipper, Mazama pocket gopher, and other species of concern.

Recovery Land Acquisition Grants by State:

Arkansas

Building a Conservation Corridor for the Recovery of Federally-Listed Species, Saline River (Ashley County) \$1,342,687.

This grant will enable the acquisition of 1,611 acres of important riparian and upland habitat adjacent to the Saline River to directly benefit two federally-listed endangered freshwater mussels, the winged mapleleaf and pink mucket. This acquisition will also benefit the endangered red-cockaded woodpecker and serve to protect the rabbitsfoot, a mussel recently proposed for listing as threatened. This acquisition will help further achievement of the recovery criteria for these species by protecting known population locations and will increase protection of the most important section of the Saline River for mussels west of the Mississippi River.

California

Metcalf Meadow* (San Bernardino County) \$1,170,000.

This project will acquire and permanently conserve land within Metcalf Meadow, one of the few remaining intact meadows on the southern shore of Big Bear Lake. The parcels provide important habitat for the recovery of meadow and pebble plain plant species including the federally listed pedate checker-mallow, California taraxacum, San Bernardino bluegrass, and Bear Valley sandwort. The large, contiguous parcels are connected hydrologically with parts of Metcalf Meadow on nearby San Bernardino National Forest and are important to maintain given the sensitivity of meadow habitat to changes in hydrology that could occur if these lands were otherwise developed. The federally and state endangered southwestern willow flycatcher has also been documented along Metcalf Creek.

San Diego Mountain Ranch* (San Diego County) \$317,200.

This project will protect, through fee title acquisition, the San Diego Mountain Ranch which occupies a large part of the Miller Creek watershed and provides local connectivity between Miller Valley and Clover Flat. The areas along the creek offer high groundwater elevations and relatively wide floodplains, supporting wet grasslands. These stream habitats and the adjacent floodplain provide for breeding, rearing, foraging, and overwintering of the federally endangered arroyo toad. Acquisition will also benefit the federally endangered Quino checkerspot butterfly given that the southern three-quarters of the San Diego Mountain Ranch constitute the largest single block of designated critical habitat for the species in the La Posta/Campo core occurrence

complex. Protecting the La Posta/Campo complex is vital to maintaining Quino checkerspot butterfly metapopulation dynamics by enabling exchange of individuals among subpopulations.

Colorado

Segelke-Carey Ranch for the Preble's Meadow Jumping Mouse (Larimer County) \$400,000.

This grant will fund the acquisition of the Segelke-Carey property, a rare opportunity to protect more than one mile of excellent riparian habitat for the threatened Preble's meadow jumping mouse along the Colorado Front Range, where land values have kept protection out of reach. This acquisition will prevent development from encroaching on this important riparian and upland habitat and ensure connectivity with protected areas up and down stream.

Florida

Listed Species Recovery on the Lake Wales Ridge Conservation Easement for the Robinson Property (Highlands County) \$854,364.

This grant will enable the acquisition of a conservation easement on 565 acres on the Lake Wales Ridge to protect scrub habitat important for the federally threatened Florida scrub jay and sand skink as well as the gopher tortoise, a Federal candidate species. The conservation easement will help achieve recovery criteria for the Florida scrub jay and sand skink, expand an existing conservation area, and provide connectivity among existing managed lands.

Georgia

Acquisition of the Ironstob-Braswell Mountain Tract within the Raccoon Creek Basin, a Tributary to the Etowah River (Paulding County) \$1,000,000.

This grant will enable the acquisition of 1,000 acres along Raccoon Creek in the Etowah basin to benefit two federally-listed fish, the endangered Etowah darter and the threatened Cherokee darter. Raccoon Creek has been identified as essential habitat for the long-term survival of these fish and the acquisition of this tract will help meet recovery objectives for these species. Permanent protection of this tract will also provide important connectivity to other protected areas and benefit a number of other rare aquatic and terrestrial species in the watershed.

Hawai'i

Kalauao Acquisition and Endangered Species Recovery (Honolulu County) \$578,250.

This project will acquire 635 acres of forested lands on the island of O'ahu. This narrow tract lies between two existing conservation areas and extends to top of the Ko'olau Mountains at 2,750 feet in elevation and is part of USFWS-designated critical habitat for the endangered O'ahu 'Elepaio, an endemic Hawaiian songbird, and eleven plant species. The upper reaches of this parcel support some of the best examples of native forest remaining on O'ahu. The popular 'Aiea Ridge Trail falls entirely on the subject parcel, and thus offers hikers the opportunity to access high quality native forest and to observe native birds. This purchase will ensure continued public use, which in turn will result in a greater public appreciation for native forest. Project partners include the Hawai'i Department of Land and Natural Resources, the Ko'olau Mountains Watershed Partnership, and Kamehameha Schools.

Nebraska

Recovery Land Acquisition for the Salt Creek Tiger Beetle (Lancaster County) \$190,301.

Acquisition and restoration of the habitat on this parcel will allow for reintroduction of the endangered Salt Creek tiger beetle. Providing additional reintroduction locations is critical for avoiding extinction of this highly-imperiled species with only a few hundred individuals left. This effort will also protect and restore Eastern Saline Wetlands, which are the most limited and endangered wetland type and vegetation community in Nebraska.

New Jersey

Bog Turtle Recovery in Sussex County I (Sussex County) \$40,000.

This acquisition project will purchase 20 acres of bog turtle habitat connecting two high-quality bog turtle population sites, thus providing landscape-level protection for this vulnerable federally threatened species. This property is part of a unique spring-fed wetland complex with calcareous fens and is host to a globally rare plant, the spreading globeflower. The State of New Jersey Green Acres Program is working with the New Jersey Lands Trust to protect and manage this and adjacent properties in perpetuity.

Bog Turtle Recovery in Sussex County II (Sussex County) \$400,000.

This acquisition project will protect the bog turtle through a purchase of four tracts from a single landowner for a total of 143.6 acres. This property connects two known bog turtle habitat areas within a large wetland complex and stream corridor. The property also provides landscape-level protection with upland forest and grassland habitats, thus conserving the hydrology and water quality of the wetlands. It is a rare opportunity in New Jersey to find such a large, undeveloped property adjacent to a growing network of protected properties that can help meet the recovery goals for this imperiled species.

North Carolina

Conservation of Habitat for the Spotfin Chub, Littlewing Pearlymussel, and Appalachian Elktoe (Macon County) \$142,500.

This project will acquire 39 acres with approximately 2,600 feet of frontage on the Little Tennessee River in western North Carolina to benefit three federally-listed aquatic species: the threatened spotfin chub, the endangered littlewing pearlymussel, and the endangered Appalachian elktoe. Acquisition of this land will help achieve the highest priority recovery goals for these species by protecting important habitat and reducing the threat of increased sedimentation.

Oregon

Upper Sevenmile Creek Flow Restoration Easement (Klamath County) \$355,719.

This project, which was provided partial funding in 2012, will acquire a conservation easement on the JaCox Ranch that will permanently transfer water rights to instream flow in order to restore year-round hydrologic connectivity to Sevenmile Creek. The existing water rights allow for the diversion of the entire summer flow of Sevenmile Creek, dewatering two miles of important habitat and disconnecting upstream and downstream pristine habitat. The acquisition will restore hydrologic connectivity and fish passage in an important area for endangered bull

trout. This project will also increase lake levels and improve access to cold-water springs and wetland refugial habitats during the late summer period for the protection of endangered Lost River and shortnose sucker. This acquisition will provide benefits to multiple other species in the middle and lower reaches of the Klamath River basin including lamprey, Chinook and the federally listed coho salmon.

Pennsylvania

Acquisition of a Bog Turtle Site of Global Significance in Pennsylvania (Monroe County) \$262,500.

This acquisition project lies in eastern Pennsylvania's Cherry Valley, at the core of the range of the federally listed threatened bog turtle. The Fish and Boat Commission (PAFBC) will work with multiple partners to purchase approximately 95 acres that provide core, secondary, and buffer habitat for the largest known population of bog turtle in the northern range of this species, and possibly the largest wild population in the world. The protection of this property provides an extension of a growing network of protected habitat and important landscape features including The Nature Conservancy and National Wildlife Refuge lands secured for the long-term conservation of this globally-significant bog turtle population. The protection of this property will also directly benefit many state species of greatest conservation need, as well as improve watershed features for federal species of concern found within this valley, including the American eel, dwarf wedgemussel, northeastern bulrush, and the Indiana bat.

Texas

Solana Ranch Preserve (Bell County) \$881,250.

This funding will allow the Texas Parks and Wildlife Department to acquire a 256-acre tract located in Bell County to benefit the Salado salamander. The acquisition will provide protection for the species in three of the seven springs in which it is known to occur. Acquisition of the Solana Ranch Preserve will protect an area of 75 percent of the proposed critical habitat units for this species in the Service's Southwest Region. The acquisition will also protect the quality of cave and spring water, minimize ground water pollution, protect groundwater and spring flow, and exclude cattle and feral hogs.

Washington

Camas Meadows Natural Area Preserve (NAP) In-holdings (Chelan County) \$749,400.

This project will acquire 60 acres of private land in the Camas Meadows Natural Area Preserve (NAP), which supports an estimated 95% of the worldwide population of the federally endangered Wenatchee Mountains checker-mallow, a locally endemic species only known from five sites within a five-by-ten mile range. The land acquired will be protected in perpetuity for the benefit of this and other federally and state-listed species, including the northern spotted owl, Wenatchee larkspur, tall agoseris, and white-headed woodpecker. This acquisition will contribute to the recovery of the Wenatchee Mountains checker-mallow by protecting individual plants as well as habitat on private lands. Adding these lands to the NAP will enhance the viability of the population throughout the entire site by protecting additional contiguous, occupied habitat and the last unprotected reach of a stream important to the site's hydrology. Purchasing these in-holdings improves the conservation value of the entire NAP by eliminating potential land-use conflicts.

Wisconsin

Kirtland's Warbler Recovery Land Acquisition (Adams County) \$759,000.

The Wisconsin Department of Natural Resources is awarded \$759,000 to acquire up to 1,500 acres of land to benefit the endangered Kirtland's warbler, Karner blue butterfly, and associated barrens species. Land will be acquired in fee title or conservation easement and will be managed in perpetuity to provide nesting habitat for this endangered migratory song bird and other species. Completion of this acquisition contributes to a larger project to protect 9,150 contiguous acres of habitat in central Wisconsin.

* indicates partial funding