

# Draft CVPIA Fiscal Year 2013 Annual Work Plan

July 9, 2012

**Program Title: *Habitat Restoration Program – CVPIA Section 3406(b)(1) “other”***

## ***Responsible Entities***

<b>Staff Name</b>	<b>Agency</b>	<b>Role</b>
Dan Strait	U.S. Bureau of Reclamation (Reclamation)	Lead
Caroline Prose	U.S. Fish and Wildlife Service (Service)	Co-Lead

The Habitat Restoration Program (HRP) was established in 1996 in accordance with prior and present justification documents, including the *Biological Opinion on Implementation of the CVPIA and Continued Operation and Maintenance of the CVP* (USFWS 2000), and various water contract renewals including: *Implementation of the CVPIA and Continued Operation and Maintenance of the CVP* (USFWS 2004); *Interim Renewal of Specific CVP Water Service Contracts from March 2001 to February 2002* (USFWS 2004); and *Interim Water Contract Renewal for March 1, 2004 through February 28, 2006* (USFWS 2004). To help achieve the provisions set forth in these documents, the HRP has established the following goals and objectives.

## ***Program Goals and Objectives for FY 2013***

### **Goals**

The main goal of the HRP is to support activities that protect, restore, stabilize, and improve habitats and populations of federally listed species and their habitats that are critical to species' protection and recovery. To best achieve this goal in Fiscal Year 2013 (FY 2013), the HRP intends to fund four categories of conservation actions. These actions will contribute toward the protection and restoration of 2.7 million acres of habitat impacted by the construction and operation of the Central Valley Project (CVP) (USFWS 1995). Some of the actions will also help fulfill requirements put forth in the 1999 State Water Resources Control Board (SWRCB) Decision 1641. That ruling requires Reclamation to provide compensation and habitat values which mitigate for impacts associated with the delivery of CVP water to lands previously outside the authorized place of use (USBR 2010). Projects funded by the HRP must emphasize priority one and two tasks in Service Recovery Plans for the species, as applicable. Conservation actions for 2013 are described below and shown in Table 1, “Proposed Activities for FY 2013.”

1. **“Construction/Implementation” Actions (**Habitat Restoration**)** (Activity Number 2.7): Restoration of CVP-impacted habitats where restoration actions will markedly improve conditions for federally listed and other special status CVP-impacted species.

2. “Land or Water Acquisition or Water Conveyance” Actions (**Land Acquisition**) (Activity Number 3.1): Protection of CVP-impacted species and/or their habitats by assisting conservation oriented organizations and agencies to purchase lands in fee title or through conservation easements, where threats to these lands are significant. In FY 2013, land acquisition projects will have the highest priority over the other three actions.
3. “**Research**” Actions (Evaluations, Studies, Investigations) (Activity Number 4.2): Research that is correlated-to and supports land acquisition and/or habitat restoration projects to benefit CVP-impacted species and facilitate species recovery.
4. “Other” Actions (**Captive Propagation and Reintroduction**) (Activity Number 5.1): Captive breeding of federally listed species, and subsequent reintroduction to their native habitats, to assist with recovery of species populations.

## **Objectives**

The HRP has four objectives for FY 2013. They include (1) protecting and restoring native habitats; (2) stabilizing and improving populations of native species; (3) increasing program effectiveness; and (4) establishing measurable outcomes. Meeting these objectives is accomplished through funding the four types of conservation actions described above. Program objectives for FY 2013 are as follows:

1. Protect and restore native habitats impacted by the CVP that are not specifically addressed in the Fish and Wildlife Restoration Activities section of the Central Valley Project Improvement Act (CVPIA).  
The focus of the HRP in FY 2013, as in years past, will be on protecting (through fee title or conservation easement actions) and restoring habitats known to have experienced the greatest percentage decline in quantity and quality since construction of the CVP, where such decline could be attributed to the CVP (based on direct and indirect loss of habitat from CVP facilities and use of CVP water). Habitat loss and fragmentation due to urbanization and agricultural conversion (i.e., conversion of native lands to agriculture) are the primary impacts of CVP construction, as analyzed and documented in biological opinions related to CVP water operations, as well as the Programmatic Environmental Impact Statement (PEIS) for the CVPIA. These include riparian woodland, wetlands (e.g., seasonal, permanent, vernal pools), foothill chaparral, alkali sink and scrub, valley grassland, riverine dune, and serpentine soil habitats.
2. Stabilize and improve populations of native species impacted by the CVP that are not specifically addressed in the Fish and Wildlife Restoration Activities section of the CVPIA.  
Activities associated with stabilization and improvement of native species include protection and restoration of habitat, research on species that is linked to restoration and/or acquisition actions, and captive propagation and reintroduction. In FY 2013, focus will be given to federally listed species associated with the habitat types listed above. Examples include plant species found on riverine dunes; native invertebrate, amphibian, and plant species that depend on vernal pools and other wetlands; and numerous native bird and mammal species that use upland habitats and riparian corridors for migration, breeding, nesting, and foraging. The

source documents that support this objective include the *Biological Opinion on Implementation of the CVPIA and Continued Operation and Maintenance of the CVP* (USFWS 2000), and various water contract renewals including *Implementation of the CVPIA and Continued Operation and Maintenance of the CVP* (USFWS 2004).

3. Increase Program Effectiveness.

Program Managers for the HRP, and the interagency technical team which provides technical input and support to the Program, are working to increase efficiencies in identification of program priorities. They continue to focus on efficiencies in project selection, delivery, management, and monitoring to improve program effectiveness that maximizes the value of the water and power users' investments through the HRP. Strategies for improving Program effectiveness in FY 2013 include:

- When submitting proposals for FY 2013, applicants will be asked to explicitly state how and where program dollars would be expended if their projects are funded. This is, in part, because each year the scrutiny on funds being requested intensifies. Applicants will be asked to provide specific budget justifications, including monetary partnering and demonstrations of cost-effectiveness, and to explain how program funds would be maximized on-the-ground and in the future.
- Program managers will continue to emphasize the importance of partnering in FY 2013, and greatly encourage proposal applicants to seek other sources of funding in addition to the HRP. Working with public and private partners is a key to the success of the HRP through leveraging funds and maximizing the use of program resources. The level of project partnering is carefully considered during the proposal scoring and selection process. One of the scoring criteria that applicants will be asked to address in project proposals is "Partners" for which, in part, applicants must name the project funding partner(s), and describe all financial contributions to the project that are being pursued. The higher the commitment from other funding sources, the more points are given to the proposal for that scoring criterion. Since the establishment of the Program, 90 percent or more of HRP projects have received substantial funding from more than 150 conservation partners including The Nature Conservancy, Ducks Unlimited, River Partners, the National Fish and Wildlife Foundation, local land trusts, and State and Federal agencies.
- In order for acquisition and restoration projects to be eligible for funding in FY 2013, proposal applicants must specifically identify the parcel(s) to be acquired or restored and confirm landowner support. The parcel(s) must be specifically identified in the proposal, and the landowner supporting the project must be identified in a letter of support. This requirement was established so that valuable time is not misspent pursuing properties that ultimately cannot be acquired or restored because of the lack of a willing seller.
- Research projects will continue to be limited in FY 2013. Projects suitable for funding must help HRP managers to: (a) determine which habitats should be acquired and/or restored; (b) identify specific properties to be acquired and/or restored; (c) determine how

habitats should be restored; and/or (d) help gauge biological responses to restoration projects. This more targeted approach of tying research actions to acquisition or restoration actions will help increase program effectiveness by providing more immediate and direct species and habitat benefits, so that the goals and objectives of the HRP can be achieved more quickly and efficiently.

- As described above, one of the HRP's objectives for FY 2013 is to stabilize and improve populations of federally listed species impacted by the CVP. To help program managers prioritize projects that most benefit those species, a spreadsheet was developed containing information on species most impacted by the CVP, which is available at the HRP website at [http://www.usbr.gov/mp/cvpcp/species/docs/CPHRP\\_priority\\_species\\_2006\\_draft.pdf](http://www.usbr.gov/mp/cvpcp/species/docs/CPHRP_priority_species_2006_draft.pdf). On that spreadsheet, species are given a priority rating based on (1) the recovery priority assigned to the species, and (2) the extent to which the species is, or has been, impacted by the CVP. Ratings of "Very High," "High," "Medium," and "Low" are assigned to each species, i.e., a species ranked "Very High" has been greatly impacted by the CVP and may be imminently threatened with extinction; a species ranked "Low" is one for which CVP actions have made minor contributions towards the decline of the species. For FY 2013, only CVP priority species ranked "High" or "Very High" will be considered when evaluating projects for funding, so as to focus on species most impacted by the CVP.
- Program Managers will continue to improve and refine the focus of the HRP. For example, Program Managers have developed a GIS-based, "Project Priority Area Map" available via the HRP website to proposal applicants at <http://www.usbr.gov/mp/cvpcp/>. This map helps direct conservation actions into high priority areas, while also assisting applicants to develop a competitive proposal.
- A GIS-based database for the HRP is available in which the public, including proposal applicants, may query data on past and current projects. Through use of the database, users can obtain information on program activities such as the number and type of projects funded by county, projects funded which benefit certain species or habitat types, and locations of HRP projects. This database is undergoing extensive updates in order to substantially improve user capabilities for uploading, downloading, storing, printing, and reporting data so as to be more effective and useful to Program Managers, the public, and other interested parties.

#### 4. Establish Measurable Outcomes Related to Biological Objectives.

Goals of the HRP include protecting and restoring a portion of the estimated 2.7 million acres of habitat impacted by the CVP in the Central Valley (USFWS 1995), and contributing to the requirements of SWRCB Decision 1641 (USBR 2010). To achieve these goals, an incremental amount of acreage associated with various priority habitats will be targeted to help compensate for CVP impacts through funding of land acquisition and habitat restoration projects. At this time, a precise acreage figure associated with a specific time frame for completion of this compensation has yet to be determined. The HRP continues to succeed in

compensating for the loss of this acreage. Program Managers annually record acres of each habitat type that are protected through fee title and conservation easement acquisitions, and those that are restored and enhanced through restoration projects (i.e., post-project acres are recorded and tallied). Additionally, progress reports from grant recipients routinely describe measurable outcomes such as number of species surveyed through trapping and on-the-ground surveying (i.e., presence/absence surveys), and number of species propagated and released through captive propagation and reintroduction. In FY 2014 this information will be available to the public by way of a GIS-based database accessible on-line at the Program website at <http://www.usbr.gov/mp/cvpcp/>.

### ***Status of the Program, 1996 through 2012***

Since the HRP commenced in FY 1996, it has funded 116 different projects with a total budget of \$30,945,865 through FY 2012. The projects have benefitted federally listed CVP-impacted species and their habitats, and have provided excellent leveraging of funds, i.e., HRP funds were used to attract additional funding partners, thereby decreasing the amount of HRP funds needed to implement a project. Besides contributing about 90 percent of total project costs, partners have greatly improved and refined species and habitat priorities and the focus of the Program, and sustained a relatively low overhead rate. In 2012, the Program funded five projects with a total budget of \$1,500,000. Actions funded by the HRP have contributed toward benefitting numerous federally listed species including the San Joaquin kit fox, giant kangaroo rat, blunt-nosed leopard lizard, California red-legged frog, giant garter snake, bay checkerspot butterfly, valley elderberry longhorn beetle, riparian brush rabbit, riparian woodrat, Lange's metalmark butterfly, vernal pool plant and invertebrate species, and gabbro soil plants.

Through FY 2012, HRP funds have helped protect over 115,000 acres of habitat for federally listed, proposed, and candidate species and species of special concern, through **acquisition** of fee title or conservation easements. Through contributions to **restoration** projects, HRP funds have helped restore over 8,000 acres of habitat for listed, proposed, and candidate species and species of special concern, including over 1,800 acres of riparian habitat. With contributions to **research** projects, HRP helped implement projects such as surveys for numerous listed species; vernal pool mapping; developing control methods for invasive species; assessing the potential for species reintroductions; and documenting and predicting the presence of listed vernal pool plants. And by contributing to **captive propagation and reintroduction** projects, HRP funds have been used to implement projects that benefitted two critically endangered species as well as other federally listed species. Examples of projects the HRP funded in these four categories are described below.

#### **Land Acquisition Projects**

Land acquisitions, through either fee title or conservation easement, have contributed toward the protection of habitats including vernal pools, riparian woodland, alkali scrub, foothill chaparral, serpentine soil, and valley grassland. Projects are selected based, in part, on ranking criteria including habitat biodiversity, project site connectivity, benefits to federally listed species, and urgency of the project (i.e., impending threats from development, etc.). Examples of recent and important land acquisitions funded by the Program include the following:

- Fee title acquisition of 520 acres of habitat within the Ciervo-Panoche Hills area of

Fresno County, including valley grassland, saltbush scrubland, and valley riparian. The projects will benefit several listed species including the San Joaquin kit fox, giant kangaroo rat, and San Joaquin woolly threads. A proposed solar farm in Panoche Valley is planned that would convert thousands of acres of prime kit fox and kangaroo rat habitat in this region, thus the urgency was high to protect these properties.

- Fee title acquisition of 198 acres of valley grassland habitat in Tulare County at the Pixley National Wildlife Refuge (NWR). Species to benefit include the Tipton kangaroo rat, San Joaquin kit fox, and blunt-nosed leopard lizard. The project extends a connective corridor towards the California Department of Fish and Game's Allensworth Ecological Reserve which also provides habitat for federally listed species.

### **Habitat Restoration Projects**

Since its inception, the HRP has funded many successful habitat restoration projects for vernal pools, seasonal and permanent wetlands, riparian woodland, foothill chaparral, riverine dune, and other habitats important to CVP-impacted species. Examples of habitat restoration efforts funded by the program include the following:

- Wetland restoration at the Colusa NWR has helped increase populations of the federally threatened giant garter snake (GGS).
- Riverine dune habitat restoration at the Antioch Dunes NWR (ADNWR) has benefited two federally listed plants (Contra Costa wallflower and Antioch Dunes evening primrose), and the auriculate naked-stemmed buckwheat which is the host plant for larvae of the critically endangered Lange's metalmark butterfly. The listed plants are threatened with extinction at the ADNWR due to the prolific growth of invasive non-native plants. Restoration efforts have enhanced survival and dispersal of the butterfly's host plant, thereby enhancing the recovery of the butterfly.
- Restoration of serpentine soil grasslands in Santa Clara County, being conducted by the County of Santa Clara Parks and Recreation Department, will benefit listed species including the threatened bay checkerspot butterfly and endangered Santa Clara Valley dudleya. The project involves installation of grazing infrastructure to reintroduce cattle grazing at the park in order to manage and enhance serpentine grasslands for these species.

### **Research Projects**

Surveys for the San Joaquin kit fox, giant garter snake, California red-legged frog, yellow-billed cuckoo, riparian brush rabbit, Buena Vista lake shrew, California tiger salamander, and riparian woodrat have provided valuable data on the distribution of these federally listed species and their habitat requirements, data which is being used to contribute toward the recovery of these species. Examples of important research funded by the HRP include the following:

- Survey and trapping efforts for GGS at the Colusa NWR, San Luis NWR, Cosumnes River Preserve, Grassland Water District, and White Slough Wildlife Area. Results of the surveys have increased our knowledge of the sizes of GGS populations, sizes of occupied areas, reproductive status, age distributions, habitat conditions, etc., and are contributing to the recovery of the species.
- Surveys for GGS at the White Slough Wildlife Area have helped the Service identify what is potentially the southernmost population of GGS in the Sacramento Valley, and

the only known remaining population in San Joaquin County.

- Research funded by the HRP will quantify losses of vernal pool habitats that occurred between 2005 and 2009 in core recovery areas in several counties identified in the Service's Vernal Pool Recovery Plan.

### **Captive Propagation and Reintroduction Projects**

The HRP has been instrumental in funding captive propagation and reintroduction projects for several species including the riparian brush rabbit, Lange's metalmark butterfly, and Metcalf Canyon jewelflower. Examples of these projects include the following:

- Construction of a captive reproduction facility, implementation of a captive breeding program, and reintroduction of the critically endangered riparian brush rabbit. With funding provided by the Program, over 1,000 riparian brush rabbits have been propagated and released into native habitat at three locations. Personnel from the Endangered Species Recovery Program of CSU Stanislaus continue to release, trap, and monitor rabbits at various locations in the San Joaquin Valley, including the San Joaquin River NWR.
- Captive propagation and reintroduction of the Lange's metalmark butterfly, a critically endangered species found only at the ADNWR. The HRP has provided several years of funding for propagation of the butterfly at a breeding facility in southern California, and releases of the species to the Refuge. Had the HRP not provided this funding, scientists would not have been able to intercede and augment the population at the Refuge, and the species may have gone extinct.

### ***Adaptive Management***

Each year, the HRP considers which priority species and habitats will be the focus of funding within each category of activity (land acquisition, habitat restoration, research, and captive propagation and reintroduction) through the establishment of "Priority Actions" that focus on specific species, habitats, and geographic areas within the HRP's Priority Project Area. Species and habitats are selected based on several criteria including the degree of threat (i.e., disease, habitat loss and fragmentation as a result of urbanization, invasive species); recovery potential; and extent the species and/or habitats were impacted by the CVP. Priority Actions consistently reflect the current evaluation of needs and habitat trends of high priority species (which may or may not change from year to year); account for historical levels of Program investment and future threats to specific ecosystems; and compliment other on-going actions within the Priority Project Area. Each year Priority Actions are developed, in part, based on projects the Program funded in prior years. When projects are funded under a Priority Action in one year, Program Managers may choose to not include that Priority Action among the subsequent year's funding priorities. Or, that Priority Action may move down the list in order of urgency in the subsequent year. Conversely, if it is determined through a monitoring or research-funded project, for example, that more information is needed on a particular species and/or habitat, a Priority Action for that species would likely be included again among the Priority Actions the following year. Priority Actions for FY 2013 were developed by staff from the Recovery Branch of the Service. These actions were rigorously scrutinized by the Program Managers, and incorporate adaptive management strategies, as described above. Additionally, Program Managers have recently begun conducting on-the-ground monitoring of previously funded acquisition and restoration

projects as part of a new effort to assess current conditions, and to confirm whether or not funded projects have been successful in achieving their stated goals. This monitoring is expected to continue on an annual basis.

### ***Literature Cited***

U.S. Bureau of Reclamation (USBR). 2010. *Consolidated Place of Use Habitat Mitigation Plan and Monitoring and Reporting Program*. Mid-Pacific Region, Sacramento, CA. August 2010.

U.S. Fish and Wildlife Service (USFWS). 1995. *Biological Opinion for the Interim Water Contract Renewals*. February 27, 1995, Page 22, Sacramento, CA.

U.S. Fish and Wildlife Service (USFWS). 2000. *Biological Opinion on Implementation of the CVPIA and Continued Operation and Maintenance of the CVP*. Sacramento Fish and Wildlife Office, Sacramento, CA.

U.S. Fish and Wildlife Service (USFWS). 2004. *Implementation of the CVPIA and Continued Operation and Maintenance of the CVP; Interim Renewal of Specific CVP Water Service Contracts from March 2001 to February 2002; and Interim Water Contract Renewal for March 1, 2004 through February 28, 2006*. Sacramento Fish and Wildlife Office, Sacramento, CA.

Table 1. FY2013 Proposed Activities and Costs

CVPIA Section 3406 (b)(1)Other, Habitat Restoration Program

	3406 (b)(1)Other Requested Funding for Fiscal Year 2013				
	Restoration Fund	Water and Related Resources	State Cash	State In-Kind	Total All Sources
<b>Total Funding</b>	\$1,500,000	\$0	\$0	\$0	\$1,500,000
Reclamation	\$750,000	\$0			\$750,000
Service	\$750,000	\$0			\$750,000
CA DFG			\$0	\$0	\$0
CA DWR			\$0	\$0	\$0

1.1 Program Management											
AWP Activity Number	Activity Name	Activity Description	Agency		Program Performance Goal	FY2013 Projected Performance	3406 (b)(1)Other Requested Funding for Fiscal Year 2013				
			Name	Fractional FTE			Restoration Fund	Water and Related Resources	State Cash	State In-Kind	Total All Sources
1.1.1	Program Lead for BOR	BOR program management incorporates: interdisciplinary approach; competitive process for soliciting proposals; integration with the CVP Conservation Program; protect, restore, and enhance federally listed species and habitats affected by the CVP; contribute to priority recovery actions; and funding based on established priorities. Responsible for all aspects of program management including: obtaining annual priorities; soliciting for proposals on www.grants.gov; reviewing and ranking proposals; conducting site reviews; selecting projects to fund; writing grant and other agreements; providing oversight on all funded projects; and coordinating the technical team. (Cost Authority (CA) # H3702142027)	BOR	0.40			\$93,608				\$93,608
1.1.2	Program Co-Lead for FWS	FWS program management incorporates: interdisciplinary approach; competitive process for soliciting proposals; integration with the CVP Conservation Program; protect, restore, and enhance federally listed species and habitats affected by the CVP; contribute to priority recovery actions; and funding based on established priorities. Responsible for all aspects of program management including: obtaining annual priorities from FWS Field Office; soliciting for proposals on www.grants.gov; reviewing and ranking proposals; conducting site reviews; selecting projects to fund; writing grant and other agreements; providing oversight on all funded projects; and coordinating the technical team. CA #: FRFR4833-0832CM0)	FWS	1.00			\$218,663				\$218,663
							<b>Sub-Total for Program Management, FY2013</b>				
							<b>Restoration Fund</b>	<b>Water and Related Resources</b>	<b>State Cash</b>	<b>State In-Kind</b>	<b>Total All Sources</b>
<b>Subtotal Funding</b>							\$312,271	\$0	\$0	\$0	\$312,271
<b>Reclamation</b>							\$93,608	\$0			\$93,608
<b>Service</b>							\$218,663	\$0			\$218,663
<b>CA DFG</b>									\$0	\$0	\$0
<b>CA DWR</b>									\$0	\$0	\$0

1.2		Program Support										
AWP Activity Number	Activity	Activity Name & Description	Agency		Program Performance Goal	FY2013 Projected Performance	3406 (b)(1) Other Requested Funding for Fiscal Year 2013					
			Name	Fractional FTE			Restoration Fund	Water and Related Resources	State Cash	State In-Kind	Total All Sources	
1.2.1	BOR Contracting Support	Respond to all grant and other agreement issues and questions that arise; post Funding Opportunity Announcement on www.grants.gov; and other program support duties. (CA # H3702142027)	BOR	0.10			\$14,473					\$14,473
1.2.2	BOR Grants Officer Technical Representative	Write agreements and provide oversight on assigned projects. (CA # H3702142027)	BOR	0.34			\$69,280					\$69,280
1.2.3	BOR Management Support	Provide oversight to BOR Program Manager. (CA # H3702142027)	BOR	0.02			\$5,325					\$5,325
1.2.4	FWS Supervision Support	Provide coordination support for CVPIA planning, implementation oversight to FWS Program Manager. (CA #: FRFR4833-08C2CM0)	FWS	0.25			\$54,666					\$54,666
1.2.5	FWS Regional Program Administration	FWS Region 8 management and administration. (PA) (CA #: FRFR4833-0832CM0)	FWS	0.03			\$7,631					\$7,631
1.2.6	FWS Financial Support	Provide FWS budget and finance support. (P20) (CA #: FRFR4833-0832CM0)	FWS	0.03			\$5,852					\$5,852
							<b>Sub-Total for Program Support, FY2013</b>					
							<b>Restoration Fund</b>	<b>Water and Related Resources</b>	<b>State Cash</b>	<b>State In-Kind</b>	<b>Total All Sources</b>	
							<i>Subtotal Funding</i>	\$157,227	\$0	\$0	\$0	\$157,227
							<i>Reclamation Service</i>	\$89,078	\$0			\$89,078
							<i>CA DFG</i>	\$68,149	\$0			\$68,149
							<i>CA DWR</i>			\$0	\$0	\$0

2.4		Environmental Compliance										
AWP Activity Number	Activity	Activity Name & Description	Agency		Program Performance Goal	FY2013 Projected Performance	3406 (b)(1) Other Requested Funding for Fiscal Year 2013					
			Name	Fractional FTE			Restoration Fund	Water and Related Resources	State Cash	State In-Kind	Total All Sources	
2.4.1	BOR Environmental Compliance Support	Environmental Specialist, responsible for writing NEPA compliance documents for BOR-relevant projects selected for funding. (CA # H3702142027)	BOR	0.06	n/a	0	\$12,522				\$12,522	
2.4.2	BOR Cultural Resource Compliance Support	Cultural Resources Compliance Specialist, responsible for writing Cultural Resources-compliance documents for BOR-relevant projects selected for funding. (CA # H3702142027)	BOR	0.03	n/a	0	\$4,886				\$4,886	
2.4.3	FWS Environmental Compliance Support	Fish and Wildlife Biologist(s), responsible for writing NEPA and ESA compliance documents for FWS-relevant projects selected for funding. (CA #: FRFR4833-0832CM0)	FWS	0.03	n/a	0	\$6,878				\$6,878	
							<b>Sub-Total for Environmental Compliance, FY2013</b>					
							<b>Restoration Fund</b>	<b>Water and Related Resources</b>	<b>State Cash</b>	<b>State In-Kind</b>	<b>Total All Sources</b>	
							<i>Subtotal Funding</i>	\$24,286	\$0	\$0	\$0	\$24,286
							<i>Reclamation Service</i>	\$17,408	\$0			\$17,408
							<i>CA DFG</i>			\$0	\$0	\$0
							<i>CA DWR</i>			\$0	\$0	\$0

2.7		Construction/Implementation										
AWP Activity Number	Activity	Activity Name & Description	Agency		Program Performance Goal	FY2013 Projected Performance	3406 (b)(1) Other Requested Funding for Fiscal Year 2013					
			Name	Fractional FTE			Restoration Fund	Water and Related Resources	State Cash	State In-Kind	Total All Sources	
2.7.1	BOR Habitat Restoration Projects	Habitat restoration projects funded by the BOR Regional Office. Specific actions will be determined around March 2013, after all proposals have been reviewed, scored, and ranked, and projects have been selected for funding. (CA # H3702142027)	BOR	0.00	Restore up to 2,700,000 ac of habitat	Contribute directly towards 2.7 M acres of habitat losses.	\$91,651					\$91,651
2.7.2	BOR Habitat Restoration Projects	Habitat restoration projects funded by the BOR Regional Office. Specific actions will be determined around March 2013, after all proposals have been reviewed, scored, and ranked, and projects have been selected for funding. The acres of alkali scrub and grassland that are restored under 2.7.1 may count towards meeting the goals of D-1641. (CA # H3702142027)	BOR	0.00	Restore up to 45,391 ac of habitat	Contribute directly towards 45,391 acres of D-1641 goal.						\$0
2.7.3	FWS Habitat Restoration Projects	Habitat restoration projects funded by the FWS Regional Office. Specific actions will be determined around March 2013, after all proposals have been reviewed, scored, and ranked, and projects have been selected for funding. Costs include 6% FWS contract administration (\$4,305). (CA #: FRFR4833-08C2CM0)	FWS	0.00	Restore up to 2,700,000 ac of habitat	Contribute directly towards 2.7 M acres of habitat losses.	\$76,052					\$76,052
2.7.4	FWS Habitat Restoration Projects	Habitat restoration projects funded by the FWS Regional Office. Specific actions will be determined around March 2013, after all proposals have been reviewed, scored, and ranked, and projects have been selected for funding. The acres of alkali scrub and grassland that are restored under 2.7.3 may count towards meeting the goals of D-1641. (CA #: FRFR4833-08C2CM0)	FWS	0.00	Restore up to 45,391 ac of habitat	Contribute directly towards 45,391 acres of D-1641 goal.						\$0
							<b>Sub-Total for Construction/Implementation, FY2013</b>					
							<b>Restoration Fund</b>	<b>Water and Related Resources</b>	<b>State Cash</b>	<b>State In-Kind</b>	<b>Total All Sources</b>	
<b>Subtotal Funding</b>							\$167,703	\$0	\$0	\$0	\$167,703	
<b>Reclamation</b>							\$91,651	\$0			\$91,651	
<b>Service</b>							\$76,052	\$0			\$76,052	
<b>CA DFG</b>									\$0	\$0	\$0	
<b>CA DWR</b>									\$0	\$0	\$0	

3.1		Land or Water Acquisition or Water Conveyance										
AWP Activity Number	Activity	Activity Name & Description	Agency		Program Performance Goal	FY2013 Projected Performance	3406 (b)(1) Other Requested Funding for Fiscal Year 2013					
			Name	Fractional FTE			Restoration Fund	Water and Related Resources	State Cash	State In-Kind	Total All Sources	
3.1.1	BOR Acquisition Projects	Land acquisition projects funded by the BOR Regional Office. Specific actions will be determined around March 2013, after all proposals have been reviewed, scored, and ranked, and projects have been selected for funding. Overall, about 50% of funding may go towards land acquisition actions between BOR and FWS. (CA # H3702142027)	BOR	0.00	Protect up to 2,700,000 ac of habitat	Contribute directly towards 2.7 M acres of habitat losses.	\$274,953				\$274,953	
3.1.2	BOR Acquisition Projects	Land acquisition projects funded by the BOR Regional Office. Specific actions will be determined around March 2013, after all proposals have been reviewed, scored, and ranked, and projects have been selected for funding. The acres of alkali scrub and grassland that are acquired under 3.1.1 may count towards meeting the goals of D-1641. (CA # H3702142027)	BOR	0.00	Protect up to 45,391 ac of habitat	Contribute directly towards 45,391 acres of D-1641 goal.					\$0	
3.1.3	FWS Acquisition Projects	Land acquisition projects funded by the FWS Regional Office. Specific actions will be determined around March 2013, after all proposals have been reviewed, scored, and ranked, and projects have been selected for funding. Overall, about 50% of funding may go towards land acquisition actions between BOR and FWS. Costs include 6% FWS contract administration (\$12,914). (CA #: FRFR4833-08C2CM0)	FWS	0.00	Protect up to 2,700,000 ac of habitat	Contribute directly towards 2.7 M acres of habitat losses.	\$228,154				\$228,154	
3.1.4	FWS Acquisition Projects	Land acquisition projects funded by the FWS Regional Office. Specific actions will be determined around March 2013, after all proposals have been reviewed, scored, and ranked, and projects have been selected for funding. The acres of alkali scrub and grassland that are acquired under 3.1.3 may count towards meeting the goals of D-1641. (CA #: FRFR4833-08C2CM0)	FWS	0.00	Protect up to 45,391 ac of habitat	Contribute directly towards 45,391 acres of D-1641 goal.					\$0	
							<b>Sub-Total for Acquisition or Conveyance, FY2013</b>					
							<b>Restoration Fund</b>	<b>Water and Related Resources</b>	<b>State Cash</b>	<b>State In-Kind</b>	<b>Total All Sources</b>	
							<i>Subtotal Funding</i>	\$503,107	\$0	\$0	\$0	\$503,107
							<i>Reclamation</i>	\$274,953	\$0			\$274,953
							<i>Service</i>	\$228,154	\$0			\$228,154
							<i>CA DFG</i>			\$0	\$0	\$0
							<i>CA DWR</i>			\$0	\$0	\$0

4.2		Research (Evaluations, Studies, Investigations)										
AWP Activity Number	Activity	Activity Name & Description	Agency		Program Performance Goal	FY2013 Projected Performance	3406 (b)(1) Other Requested Funding for Fiscal Year 2013					
			Name	Fractional FTE			Restoration Fund	Water and Related Resources	State Cash	State In-Kind	Total All Sources	
4.2.1	BOR Research Projects	Research projects funded by the BOR Regional Office. Specific actions will be determined around March 2013, after all proposals have been reviewed, scored, and ranked, and projects have been selected for funding. (CA # H3702142027)	BOR	0.00	Protect up to 2,700,000 ac of habitat	Contribute indirectly towards goal	\$91,651				\$91,651	
4.2.2	FWS Research Projects	Research projects funded by the FWS Regional Office. Specific actions will be determined around March 2013, after all proposals have been reviewed, scored, and ranked, and projects have been selected for funding. Costs include 6% FWS contract administration (\$4,305). (CA #: FRFR4833-08C2CM0)	FWS	0.00	Protect up to 2,700,000 ac of habitat	Contribute indirectly towards goal	\$76,052				\$76,052	
							<b>Sub-Total for Research, FY2013</b>					
							Restoration Fund	Water and Related Resources	State Cash	State In-Kind	Total All Sources	
							<i>Subtotal Funding</i>	\$167,703	\$0	\$0	\$0	\$167,703
							<i>Reclamation Service</i>	\$91,651	\$0			\$91,651
							<i>CA DFG</i>	\$76,052	\$0			\$76,052
							<i>CA DWR</i>			\$0	\$0	\$0

5.1		Other										
AWP Activity Number	Activity	Activity Name & Description	Agency		Program Performance Goal	FY2013 Projected Performance	3406 (b)(1) Other Requested Funding for Fiscal Year 2013					
			Name	Fractional FTE			Restoration Fund	Water and Related Resources	State Cash	State In-Kind	Total All Sources	
5.1.1	BOR Captive Propagation Projects	Captive propagation and reintroduction projects funded by the BOR Regional Office. Specific actions will be determined around March 2013, after all proposals have been reviewed, scored, and ranked, and projects have been selected for funding. (CA # H3702142027)	BOR	0.00	n/a	Numbers of species that are successfully captive propagated and reintroduced.	\$91,651				\$91,651	
5.1.2	FWS Captive Propagation Projects	Captive propagation and reintroduction projects funded by the FWS Regional Office. Specific actions will be determined around March 2013, after all proposals have been reviewed, scored, and ranked, and projects have been selected for funding. Costs include 6% FWS contract administration (\$4,305). (CA #: FRFR4833-08C2CM0)	FWS	0.00	n/a	Numbers of species that are successfully captive propagated and reintroduced.	\$76,052				\$76,052	
							<b>Sub-Total for Other, FY2013</b>					
							Restoration Fund	Water and Related Resources	State Cash	State In-Kind	Total All Sources	
							<i>Subtotal Funding</i>	\$167,703	\$0	\$0	\$0	\$167,703
							<i>Reclamation Service</i>	\$91,651	\$0			\$91,651
							<i>CA DFG</i>	\$76,052	\$0			\$76,052
							<i>CA DWR</i>			\$0	\$0	\$0

Table 2 – Intentionally left blank