Project Information

2005 Proposal Number: 0056

Proposal Title: **Tuolumne River Land Protection, Riparian Restoration and Working Landscape Project**

Applicant Organization Name: **Tuolumne River Preservation Trust**

Total Amount Requested: $**1,500,000**

ERP Region: San Joaquin Region

Short Description

Proposed project combines two sites, including one conservation easement and partial restoration, and one riparian restoration site. Proposal seeks to restore riparian corridor, improve channel connectivity and increase flooding frequency and incorporate a series of wildlife habitat friendly practices into on−going farming and ranching operations.

Executive Summary

The Tuolumne River Preservation Trust promotes the stewardship of the Tuolumne River and its tributaries to ensure a healthy watershed. Stretching from the Sierras through California's San Joaquin Valley, the Tuolumne is one of the state's premier recreation destinations and a vital wildlife resource.

The Tuolumne River Land Protection, Riparian Restoration, and Working Landscape Project is an integrated working landscape, floodplain protection, and riparian restoration project. The project consists of two stand−alone projects: the Big Bend Project and the Dos Rios Project. The Big Bend Project site is a 239−acre project located along the Tuolumne River seven miles southwest of the City of Modesto from river mile 5.7−6.6. The Dos Rios Ranch is a 1,766 acre working ranch owned by the Lyons family located at the confluence of the Tuolumne and San Joaquin Rivers and extending along the south side of the Tuolumne River from river mile 0 – 3.5 and along the east side of the San Joaquin River from river mile 84 –

86.8.

The problem this project addresses, common to all rivers throughout California's Central Valley, is a discontinuous riparian corridor consisting of small patches of healthy riparian forest separated by large expanses of no or poor quality riparian habitat. Because of intensive human land use practices and poor channel–floodplain connectivity, the Tuolumne's riparian ecosystem is unable to support healthy native vegetation and associated fish and wildlife. Conversely, farmers and ranchers operate under the pressure of increased scrutiny and regulations due to impacts to habitat and water quality.

To reduce these stressors, we propose to implement riparian restoration at the Big Bend Project on the Venn Ranch, and the acquisition of a conservation easement on the Dos Rios Ranch to protect the riparian corridor, establish habitat for endangered species, and protect floodplain values and compatible agricultural uses.

The goals of this project include •Protect, restore, and expand a riparian corridor, providing a critical linkage between the San Joaquin River National Wildlife Refuge, riverfront parks, and conservation projects on the Tuolumne River; •Improve channel–floodplain connectivity to allow floodwater inundation at a greater frequency (accomplished through notching private agricultural berms) and other earthwork; •Protect historical agricultural practices (row crops, grains, forage mix, etc.) in perpetuity on the Dos Rios Ranch; •Create a project that demonstrates "working landscape" principles by providing landowner incentives to incorporate "habitat friendly" practices into farming and ranching operations (enhancement of the riparian buffer strip, enhancement of existing ponds, hedgerow buffers, tailwater ponds, farm drain sediment traps, cover crops, conservation tillage, etc.); •Improve natural regeneration of native riparian plant species, and migrating, spawning rearing, and foraging habitat for juvenile Chinook and steelhead.

Project outcomes include: •Restoration of 124 acres of

riparian habitat at the Big Bend Project; •Permanent protection of 800 acres of historic farmland; six miles of river frontage; restoration of up to 700 acres of riparian forest at the Dos Rios Project; •Reestablishment of a continuous riparian corridor via the critical connection of the SJRNWR with several upstream habitat restoration projects on the Tuolumne River.

The Tuolumne River Preservation Trust requests a $1,500,000 California River Parkways grant to accomplish these goals.

Tuolumne River Land Protection, Riparian Restoration & Working Landscape

A. Project Description

The Tuolumne River Preservation Trust (Trust) promotes the stewardship of the Tuolumne River and its tributaries to ensure a healthy watershed. A key water source for the majority of the San Francisco Bay Area, the river is also one of the state's premier recreation destinations and a vital wildlife resource. From source to delta, the Tuolumne is home to flora and fauna that depend on the river for food and shelter. Despite gaining environmental protection throughout the years, the Tuolumne remains one of the most threatened rivers in California. In 2005, American Rivers placed the Tuolumne on its list of the Top Ten Most Endangered Rivers in the nation.

1. Problem:

The problem this project addresses, common to all rivers throughout California's Central Valley, is a discontinuous riparian corridor consisting of small patches of healthy riparian forest separated by large expanses of no or poor quality riparian habitat. Because of intensive human land use practices and poor channel-floodplain connectivity, the Tuolumne's riparian ecosystem is unable to support healthy native vegetation and associated terrestrial wildlife, such as the riparian brush rabbit (*Sylvilagus bachmani riparus*), riparian woodrat (*Neotoma fuscipes riparia*), valley elderberry longhorn beetle (*Desmocerus californicus dimorphus*), and native fishes, such as juvenile chinook (*Oncorhynchus tshawytscha*), and steelhead (*O. mykiss*). This proposed project would address this problem by restoring on private working ranches, a continuous riparian corridor, increasing channel-floodplain connectivity, and improving fish spawning and rearing habitat.

The Big Bend Project site is located along the Tuolumne River seven miles southwest of the City of Modesto from river mile 5.7-6.6 (figs 1, 2, & 3). The 239-acre project site is located in an unincorporated area of central Stanislaus County. Tim Venn is the landowner of the 190-acres situated on the south side of the river, while the 49 acre portion of the project on the north side is owned by the East Stanislaus Resource Conservation District (ESRCD). This request pertains to the portion located on the private land. Land acquisition, planning, permitting, and design for the Big Bend Project as well as earthwork and Phase 1 revegetation work are complete. The Trust seeks funding ($500,000) to implement the planting and riparian enhancement plans, survey and monitor floodplain inundation frequency, vegetation, and fish utilization. If the revegetation work is not implemented soon, there is a risk that the site will become overrun with exotic, noxious, invasive weeds that will negatively impact both flora and fauna.

The Dos Rios Ranch is a 1,766 acre working ranch owned by the Lyons family located at the confluence of the Tuolumne and San Joaquin Rivers and extending along the south side of the Tuolumne River from river mile 0 – 3.5 and along the east side of the San Joaquin River from river mile 84 – 86.8 (figs 1, 4, & 5). The ranch is in an unincorporated area of Stanislaus County, approximately nine miles west-southwest of downtown Modesto, and directly across the river from the San Joaquin River National Wildlife Refuge. The 1,766-acre ranch occupies approximately 2.8 miles of San Joaquin River frontage and 3.5 miles of Tuolumne River frontage. The ranch is located approximately 1.5 miles west of the Big Bend project. The Dos Rios Project is in its initial stage; the conceptual conservation plan and pre-acquisition tasks (appraisal, boundary surveys, title report, baseline conditions documentation, and easement language negotiation) are underway or planned for completion by the summer of 2006. The Trust seeks funding ($1 million) towards easement purchase and endowment for ongoing easement enforcement. Without this project the property could be sold for use by dairies, posing potential water quality problems at this critical location. Also, it is conceivable that larger levees could be built on the project site closer to the river, thus reducing transitory flood storage and flood conveyance capacity,

increasing water velocities and erosive effects of the river, and increasing flood damages both upstream and downstream. The greatest threat to agriculture in the immediate vicinity is the potential development of the site, while the greatest threat to habitat is the establishment of dairies, orchards, or vineyards on the Dos Rios Ranch. This project will specifically preclude these activities and results from occurring. Furthermore, it is vital that we secure easement funding soon, since the landowners are not willing to consider a sale indefinitely.

2. Goals and Objectives:

The Trust's objective for this project is to integrate habitat protection and restoration into working farms, thereby improving riparian corridor continuity, a more natural floodplain, and a healthier river for people and fish while creating a buffer between intensive agricultural operations and sensitive river habitat. Within this proposal, the Trust has combined two interrelated riparian restoration projects affecting the lower 6.6 miles of the Tuolumne River: the Big Bend Project and the Dos Rios Project. The Trust proposes habitat restoration on a working farm at the Big Bend project site and perpetual agricultural and habitat conservation easement acquisition and habitat restoration for the Dos Rios Ranch project.

The overall goals for this project are:

- Protect, restore, and expand a riparian corridor, providing a critical linkage between the San Joaquin River National Wildlife Refuge, riverfront parks, and conservation projects on the Tuolumne River;
- Improve channel-floodplain connectivity to allow floodwater inundation at a greater frequency (accomplished through notching private agricultural berms) and other earthwork;
- Protect historical agricultural practices (row crops, grains, forage mix, etc.) in perpetuity on the Dos Rios Ranch;
- Protect the floodplain from "hard" usages/development, thereby ensuring adequate flood conveyance and transitory flood storage capacity through the project reach of the Tuolumne and San Joaquin Rivers.
- Create a project that demonstrates "working landscape" principles by providing landowner incentives to incorporate "habitat friendly" practices into farming and ranching operations (enhancement of the riparian buffer strip, enhancement of existing ponds, hedgerow buffers, tailwater ponds, farm drain sediment traps, cover crops, conservation tillage, etc.).
- Improve natural regeneration of native riparian plant species, and migrating, spawning rearing, and foraging habitat for juvenile Chinook and steelhead.
- Improved nesting and migrating habitat for dozens of bird species, including neo-tropical migratory birds, and other wildlife.
- Remove invasive exotic vegetation.
- Create a reintroduction site for the critically endangered riparian brush rabbit and riparian woodrat within the Dos Rios Ranch Project.

The specific objectives of the Big Bend Project are:

- Permanent protection of 239 acres of historic farmland (already completed) (contributes to ERP goal to protect and restore habitats);
- Restoration of 184 acres of riparian habitat (60 acres have been planted so far) (contributes to ERP goal to protect and restore habitats);
- Permanent protection of one mile of river front (already completed) (contributes to ERP goal to protect and restore habitats);
- Width of riparian corridor: north side-up to 2,400 feet; south side-up to 3,000 feet (contributes to ERP goal to rehabilitate ecological process by improving a wildlife migratory corridor);

- Creation of suitable floodplain habitat during flood events for anadromous fish, thereby improving migratory, rearing, and foraging habitat for Chinook salmon and steelhead trout (contributes to ERP goal to recover endangered and other at-risk species and native biotic communities);
- Reduce the dominance of non-native plant species (contributes to ERP goal to prevent establishment of and reduce impacts from non-native invasive species).

The specific objectives of the Dos Rios Project are:
- Permanent protection of 800 acres of historic farmland (contributes to ERP goal to protect and restore habitats);
- Permanent protection of six miles of river front (contributes to ERP goal to protect and restore habitats);
- Restoration of up to 700 acres of riparian forest (contributes to ERP goal to protect and restore habitats);
- Up to 800 additional acres of floodplain will be permanently protected from development, use by dairies, confined animal facilities, orchards, and vineyards (contributes to ERP goal to protect and restore habitats and the ERP goal to improve or maintain water and sediment quality);
- Establishment of self-sustaining populations of riparian brush rabbits and riparian woodrats (contributing to their de-listing) (contributes to ERP goal to prevent establishment of and reduce impacts from non-native invasive species).
- Reestablishment of a continuous riparian corridor via the critical connection of the SJRNWR with several upstream habitat restoration projects on the Tuolumne River (contributes to ERP goal to rehabilitate ecological process by improving a wildlife migratory corridor).

3. Conceptual Models:

Figure 6 illustrates the conceptual model for this project. The project is based on the premise that maximizing the aerial extent of farming operations has reduced riparian habitat and resulted in a discontinuous riparian corridor while, conversely, agricultural operations feel the pressure of increased scrutiny and regulations due to impacts to habitat and water quality. Additionally, flood control efforts (berms and levees) create a barrier for fish and reduce the connectivity between the channel and floodplain.

Our proposed activities will reduce the impacts of these stressors through protecting existing riparian habitat, revegetating riparian areas where it has been lost, and improving channel-floodplain connectivity through notching berms or creating floodplain terraces. This will also create a buffer between sensitive riverine habitat and more intensive agricultural areas, thus reducing conflicts between the two.

On the Dos Rios Ranch, we will protect agricultural operations in areas of the ranch behind the riparian buffer, thus insuring that development will not remove this land from farming. On the ag easement portions of the ranch, we plan to integrate conservation practices into operations, such as tailwater return systems, hedgerow buffers, conservation tillage, etc.

The Trust is currently working with River Partners, a non-profit restoration organization, to develop a Conceptual Conservation Plan for the Dos Rios site, which will provide greater detail on restoration work. The Plan is funded through the US Bureau of Reclamation's (Bureau) Central Valley Project Improvement Act (CVPIA) Habitat Restoration Program (HRP) and the National Fish and Wildlife Foundation (NFWF). The Plan, which is scheduled for completion in January 2006, will include an assessment of current conditions, biological resources, topography, soils, hydrology, and other physical

attributes and habitat requirements of target wildlife species. The Conceptual Conservation Plan will present conservation scenarios including:

- Recommendations and justification for locating habitat and agricultural easement boundaries.
- A conceptual restoration plan for the riparian corridor and wetland areas that will benefit the riparian brush rabbit, wood rat, and neotropical migratory birds.
- Recommendations for "working landscape" measures that could be incorporated into the agricultural activities on those areas protected by agricultural easements.

4. Approach & Scope of Work:

Though the Big Bend Project and Dos Rios Project are both related insofar as they both contribute to an improved riparian and floodplain corridor along the lower Tuolumne, they are not dependant upon each other and they can proceed independently of each other. Task 1 (Administration) in the "Tasks and Deliverable" table includes project administration, cost verification, data handling, report preparation, project oversight, and public outreach. This task covers both the Dos Rios and Big Bend projects, although all the costs for the Dos Rios Project appear in year 1.

Big Bend Approach & Scope of Work:

At the Big Bend Restoration Site, easement acquisition, planning, permitting, and design are complete. The earthwork portion of the Big Bend restoration project was completed in September and October 2004. This work predominantly consisted of notching private agricultural berms to improve channel-floodplain connectivity and allow for increased floodplain inundation frequency. Also, a low floodplain terrace was created along an existing drainage ditch on the south side. Finally, a new ramp was built up and over a private berm adjacent to the property on the north side to improve access to the site. Earthwork design drawings were developed by Philip Williams and Associates under a contract with the Trust. In total, five notches were created on the north side and ten notches on the south side.

We are now in the second season of restoration implementation. Revegetation work commenced in October 2004 following the *Riparian Restoration Plan for the Big Bend Project* (developed by River Partners). Irrigation installation has commenced; when complete it will provide irrigation to the entire project site. Our revegetation contractor for the project is Tim Venn, the landowner, and the contract requires the three years of management and maintenance described above. Revegetation work has been completed on two of the ten fields. We request funds to complete revegetation work on the remaining fields. This work covers tasks 2-4 of the "Tasks and Deliverable" table submitted with the proposal:

2. Installation of Plant Materials: Planting of native woody species throughout the remaining eight fields, per the restoration plan. Trees and shrubs are chosen according to their horticultural requirements including soil type, elevation, and groundwater depth. The target in fields with shallow and mid-depth groundwater is a closed canopy to shade out invasive weeds. Fields with deep groundwater will be planted in patches; the target habitat is oak savannah. Planting of woody species will occur over one season (winter 2007). Planting of herbaceous plants between woody species will occur in the third season of the project after the woody species are established.
3. Irrigation for three seasons. The restoration plans call for fields to be irrigated for three years to establish the trees. After three years, it is anticipated that the trees will generally be able to survive without irrigation. This task also includes maintenance of the irrigation system for three years.
4. Control of other non-native weed species. This effort will occur throughout the 3 years of the project and will involve spraying by a licensed/permitted applicator with an approved herbicide or mechanical methods of control, such as disking or mowing.

Management and maintenance for the first three years of the Big Bend consist primarily of irrigation, maintenance, weed control, and replanting to ensure an 80% survival rate. Over time, mortality will create natural areas of open canopy, dense forest, and dead snags, all of which will create wildlife habitat. Long-term management is the responsibility of the landowner (Tim Venn or his successor), with NRCS giving final approval to any activities to ensure compliance with the conservation easements.

Big Bend Deliverables: The deliverables for the Big Bend Project will consist of:

- 180-acres planted, irrigated, and maintained;
- Annual reports describing tasks completed and progress made towards the goals of the project;
- A Final Report, describing overall the work undertaken and completed, and whether the goals of the project were met; and
- A post-project Monitoring Report describing whether or not we met our goals to improve channel-floodplain connectivity, improve fish utilization of the floodplain, and success of riparian plantings.

Approach & Scope of Work – Dos Rios Site:

At the Dos Rios site, we are utilizing a mix of easement types. Riverfront acreage will be placed under habitat conservation easements, where we will protect existing habitat where good habitat already exists and re-create a riparian corridor where habitat is poor or non-existent. The remaining portions will be placed under an agricultural conservation easement with limitations on development, permanent structures, and permanent crops. Long-term management will incorporate adaptive management and monitoring and best management practices to ensure long-term success of habitat restoration. Throughout the project process, the Trust will solicit expertise from state and federal resource agencies in drafting effective easement and monitoring elements that will stand the test of time.

Throughout 2005-06 the Trust will complete the first two phases of a six-phase, five-year project to permanently protect and restore the natural landscape along the two rivers. Phase One – Conceptual Conservation Planning – scheduled for completion this fall is fully funded. Phase Two – Pre-Acquisition Tasks – including an appraisal, boundary surveys, title report, baseline conditions documentation, and easement language negotiation is also funded and is scheduled for completion in the summer of 2006. Both of these phases are already funded through the BOR and the NFWF.

We request $1,000,000 in this proposal for Phase Three - Easement Acquisition. Though the total cost of easement acquisition is expected to be approximately $10,596,000 (based on the market rate of $6,000/acre), and $847,680 for an endowment to assure easement enforcement and monitoring (8% of the easement cost), we do not seek the full amount, recognizing that this grant program has only approximately $9,000,000 available. It is our expectation that the full amount will come through a variety of sources; it is our expectation that this grant program will help us leverage additional fund.

The National Fish and Wildlife Foundation and the Bureau of Reclamation, grants amount to a combined total of $177,000 to complete the pre-acquisition work described above. Additionally, the Bureau of Reclamation has indicated that it would be able to put approximately $1,000,000 towards acquisition, depending on the success of Conceptual Planning and other pre-acquisition work.

We request funds to complete Phase 3 of the project, which coincides with tasks 5-6 of the "Tasks and Deliverable" table submitted with the proposal:

5. Title Insurance and Closing Costs. This task includes costs for purchasing title insurance and to cover other closing costs. We will also negotiate and finalize the terms of the easement during this task.
6. Easement Acquisition: This task includes the cost of the easement. During this task, the easement deed will be recorded with the Stanislaus County Recorder. The California Rangeland Trust (CRT) has agreed to hold the easement and will be responsible for easement enforcement.

The following three phases are not part of this grant request, but descriptions are included to provide an understanding of how the project will proceed after the easements have been purchased.

Phase Four – Final Restoration Planning – includes design, permitting, and environmental review and should be complete by February 2007.

Phase Five – Restoration Implementation –the actual groundwork to reintroduce native flora and fauna will commence during the fall of 2006 and progress through 2010. Using lessons learned from work on the Big Bend Project and information documented in the Dos Rios Conceptual Plan, we will work with landowner to implement the restoration plan. During the restoration phase of the project, we will establish a variety of riparian elements at the project site, including redeveloping a continuous riparian corridor, up to 1,000 feet wide, possible excavation of lower floodplain terraces to improve channel-floodplain connectivity. Once the site is restored to a more natural state, we will re-introduce Riparian Brush Rabbit (*Sylvilagus bachmani riparus*) and Riparian Woodrat (*Neotoma fuscipes riparia*); both are endangered species with colonies only at/near Caswell Memorial State Park. We will also undertake other activities that integrate ecosystem restoration into ongoing agricultural activities such as enhancement of on-site ponds, hedgerow buffers, tailwater ponds, farm drain sediment traps, cover crops, conservation tillage, etc. These activities will be thoroughly explained through the planning process.

Phase Six – Post-project Monitoring. Upon completion of restoration work, we will undertake project monitoring to track the success of the project and whether our project goals have been met.

Dos Rios Deliverables: Deliverables for the phase of the Dos Rios Project that would be funded through this proposal (Phase Three – Easement Acquisition) will include:

- Up to 700 acres of habitat easements and up to 1,000 acres of agricultural easements;
- Annual Reports describing progress towards the goal of easement acquisition; an
- A Final Report when the easement has been acquired, with documentation providing evidence of the sale and its recording at the County Clerk's Office.

Beyond the acquisition, we will continue to keep CALFED apprised of progress made towards restoration, and project monitoring reports as they are completed.

5. Performance Evaluation:

The goal of post-project monitoring is to evaluate the success of the project in achieving key project goals and objectives, provide information for adaptive management of the project area, and to improve the knowledgebase for restoration planning of future projects in Central Valley streams. Long-term management will incorporate adaptive management and monitoring and best management practices to ensure long-term success of habitat restoration. Key goals that will be evaluated through our monitoring include success at establishing a riparian forest, success at creating a self-sustaining forest, success at improving channel-floodplain connectivity, and success at attracting target species.

Big Bend Monitoring: The Trust hired Stillwater Sciences to develop a Monitoring Plan for the Big Bend site. The plan includes monitoring of:

- Changes in utilization of floodplain areas by fish for spawning and rearing,
- Extent of post-project floodplain inundation,
- Success of re-vegetation efforts,
- Success of natural recruitment/reestablishment of native vegetation.

In addition to these key habitat performance measures, we will evaluate whether we met the specific targets outlined above under "Project Objectives."

Dos Rios Monitoring: Upon completion of Dos Rios easement purchase, the Trust will immediately commence restoration planning, and the development of a monitoring plan. We anticipate the monitoring plan for the Dos Rios project will be similar to the Big Bend site, with the addition of specific monitoring for the riparian brush rabbit, riparian woodrat, and monitoring of avian species. In addition, we will evaluate whether we met specific project goals, including the expected post-project conditions of the Dos Rios site:

- Improved nesting and migrating habitat for dozens of bird species, including neotropical migratory birds, and other wildlife;
- Improved rearing and migrating habitat for native fish including Chinook salmon and steelhead trout;
- Creation of a buffer between sensitive river habitat and adjacent agricultural (especially dairy) lands through pre- and post-project questionnaires;
- Improved ecological functioning of floodplain-channel connectivity.

In addition to these key habitat performance measures, we will evaluate whether we met the specific targets outlined above under "Project Objectives."

6. Feasibility (Big Bend):

The Big Bend project will be very easily completed within the time allowed by the grant program. The easements are secured, project plans and designs have been completed, earthwork is completed, and two of the fields were planted during the 04-05 planting season, with another field in progress. The project is underway and scheduled for completion by September 2009. Subsequent to planting, each field will be irrigated and managed for weeds for three years. After that period, management will be minimal and will be primarily left to the discretion of the landowner, subject to the approval of the NRCS.

All environmental documentation and review has been completed, including NEPA and CEQA compliance. The East Stanislaus Resource Conservation District was the Lead Agency for CEQA and adopted a Mitigated Negative Declaration for the project on April 27, 2004. The Notice of Determination was filed with the Stanislaus County Clerk on April 28, 2004. All required permits have

been secured, including the Corps of Engineers NW 27 Permit, the California Reclamation Board Encroachment Permit, the California Department of Fish and Game (DFG) Streambed Alteration Agreement, the State Water Resources Control Board NPDES permit and Water Quality Certification. Both the NOAA Fisheries and the U.S. Fish and Wildlife Service ESA consultations have been completed.

Adjacent landowners, Stanislaus County, and the DFG were all notified about the project and no negative comments were received during the CEQA public review process, which provided the opportunity both for written and oral comments. Local government is in favor of the project, evidenced by the support of the Tuolumne River Coalition, a local collaborative whose members include the Cities of Modesto, Waterford, and Ceres, the East Stanislaus Resource Conservation District, Stanislaus County Department of Parks and Recreation and multiple state and federal "cooperating agencies", including the California Bay-Delta Authority, California Department of Fish and Game, NRCS, NOAA Fisheries, US Fish and Wildlife Service-Anadromous Fish Restoration Program, and the San Joaquin River National Wildlife Refuge.

Feasibility (Dos Rios):

The Dos Rios Project is in its initial stages. The Trust is working with the landowners to purchase easements. The California Rangeland Trust has agreed to hold the easement and be responsible for enforcing its provisions. Funds from this grant will be used for the acquisition (to be finalized by September 2007). Subsequent to easement acquisition, we will undertake restoration planning and implementation, expected to take approximately three years, with completion scheduled for May 2010. Three years of post-project monitoring will follow restoration. Long-term management of the project is anticipated to be minimal and will be left to the discretion of the landowners who have extensive experience in ranch management.

The acquisition of easements are subject to our ability to secure sufficient funding for the entire property, as the landowners have indicated that they are only interested in selling the easements in a single transaction rather than a "piecemeal" approach. The Trust has secured funding from the Bureau of Reclamation and National Fish and Wildlife Foundation for pre-acquisition work, including development of the Conceptual Conservation Plan, appraisals, boundary surveys, and title reports. The Bureau has also indicated that it will contribute additional funds amounting to approximately $1,000,000 towards a match should pre-acquisition work proceed smoothly. We have also submitted a grant to the Resources Agency's River Parkway's program for approximately $10.9 M, which will put us in a very strong position to consummate the deal. Lyons Investments will retain title to the land, continue to farm areas under agricultural easements, manage, and maintain the property, and control access and other rights not purchased as part of the easement. This project is not in conflict with Williamson Act contracts, local zoning laws, or other land use restrictions as farming will continue on the ranch.

To date, we have no State or Local partners and so CEQA has not been required. Since this phase of the project is an acquisition project, we believe the project qualifies for a Categorical Exemption under Section 15313 of the State CEQA Guidelines, which exempts "acquisition of lands for fish and wildlife conservation purposes." The restoration will be subject to CEQA and multiple permits, which we will secure prior to implementing any restoration activities.

7. Data Handling & Storage:

The Trust will produce reports on each phase of the Tuolumne River Land Protection, Riparian Restoration & Working Landscape Project. Reports will be made available as hardcopies and, more

importantly, on the internet via our website. Information will not only be used to monitor the project's status, but also to inform new riparian restoration programs throughout the state and nation.

All documents, posters, publications, and web sites that result from this proposal will be made available to the public, either electronically or in printed form. Progress and final project reports will be made to the Tuolumne River Technical Advisory Committee and the Tuolumne River Coalition. Data will be stored on the applicant's hard drive, as well as on cd-rom, and will be available to the CALFED Ecosystem Restoration Program in draft form prior to dissemination. A final report with all data collected will be made available to CALFED.

8. Information Value:

This project will help demonstrate the relationships among riparian buffers and agricultural lands because monitoring will establish cause-and-effect relationships between riparian buffer growth, wildlife recovery, and agricultural management practices. Some of the processes at work along this reach of the Lower Tuolumne River that will be monitored include:

- Hydrology and Geomorphology – We will develop a hydraulic model to establish baseline conditions and predicted post-project conditions to determine pre- and post-project inundation frequency. Our goal will be to develop low-floodplain terraces that inundate with regular frequency, while ensuring that neighboring agricultural lands are not affected by any such changes. Water regulation for irrigation, power generation, and drinking water has altered the natural flow patterns of the Tuolumne over the past 100 years. This limitation of higher flow volumes negatively impacted river and riparian processes, including cleansing and downstream movement of river gravels for spawning, channel migration within its floodway, and floodplain inundation to stimulate riparian plant regeneration. Flow regulation has reduced the sediment supply and impacted the shape and composition of the river channel over the years.
- Biology – We will monitor pre- and post-project utilization of the floodplain by target species, including Chinook salmon, steelhead, and Sacramento splittail populations. These fish populations have fluctuated widely over the years, in response to environmental conditions the fish experience as juveniles, delta water exports, ocean conditions, and commercial and recreational harvest. Alien fish species and alien plants have altered community composition and dynamics. We will also monitor recovery of the riparian brush rabbit and riparian woodrat, as colonies are established at the site. We will specifically link the species to the simultaneous recovery of habitat at the site. Finally, we will monitor utilization of the by avian species, including pre- and post-project monitoring.
- Agricultural Management – We will establish pre- and post-project modifications in management activities, and attempt to quantify, through surveys/questionnaires how management has changed through the project, including resources used to accommodate regulations before and after the project. Our goal is to develop a project that reduces the pressure on agricultural operations through development of a riparian buffer.

9. Public Involvement & Outreach:

Public outreach and involvement for the Tuolumne River monitoring will occur through two venues: (1) coordination and updates through existing forums, and, (2) direct contact with individual landowners.

The Trust will continue to participate in the Tuolumne River Technical Advisory Committee and the Tuolumne River Coalition. The Trust currently participates in and coordinates activities of the Coalition, which has developed "The Lower Tuolumne River Parkway: A Framework for the Future". The Coalition is a voluntary, local group that represents a balance of interested and affected persons and entities within the watershed, including local agencies, non-profit organizations, individuals and

property owners, as well as cooperating Federal and State agencies. The Coalition acts as a forum for stakeholders along the lower river to discuss projects and programs. We will continue to update the community on the project through regular Coalition meetings, and one-on-one meetings with specific government officials and interested individuals as needed.

The Trust will also continue to participate in the TRTAC. The TRTAC has overseen monitoring design and implementation in the lower Tuolumne River for nearly ten years and provides a forum for input from agencies.

For the Big Bend Project, two separate public meetings were held prior to project implementation. While both meetings were attended by about 10 people each, comments were generally positive. The Big Bend Project has been thoroughly communicated to local officials through the Tuolumne River Coalition, which includes Stanislaus County, City of Modesto, City of Ceres, and other local governmental agencies. The project is included among the Coalition's priority projects in its Framework Plan for the Lower Tuolumne River Parkway.

For the Dos Rios Project, we will seek to meet with landowners individually to present the project and receive comments and concerns. We will make every attempt to adjust project plans to accommodate specific concerns about elements of the project. The Dos Rios Project has been thoroughly communicated to local officials through the Tuolumne River Coalition, which includes Stanislaus County, City of Modesto, City of Ceres, and other local governmental agencies. The project is included among the Coalition's priority projects in its Framework Plan for the Lower Tuolumne River Parkway. Additionally, we recently presented the Dos Rios project to the Stanislaus County Director of Public Works for Stanislaus County, who is supportive of the project. We have not encountered opposition to the project.

B. Applicability to CALFED Bay-Delta Program & ERP Goals

1. ERP Priorities:

This project is located at the confluence of the Tuolumne and San Joaquin Rivers, and thus contributes solutions within the Tuolumne River priority area. This project contributes to the following priority: "projects that protect farmland that benefits MSCS-covered species and provide a buffer for restored habitats from adverse effects of encroaching incompatible development." The project will both protect farmland through the purchase of agricultural easements and create a riparian buffer along the river corridor. The riparian corridor will act as a buffer between sensitive riverine habitat and more intensive agricultural practices, thus reducing impacts to the river while reducing pressures from regulations on agricultural practices. The project will also protect the river from potential water quality concerns by restricting certain ag practices, such as dairy lagoons, confined animal facilities, and permanent crops, such as orchards and vineyards.

We expect the completed Tuolumne River Land Protection, Riparian Restoration & Working Landscape Project to benefit a variety of fauna and flora listed in the Multi Species Conservation Strategy Index and the Natural Diversity Database including the following "R" and "r" species: Central Valley fall-run Chinook salmon, Central Valley steelhead, Sacramento Splittail, and Valley Elderberry Longhorn Beetle. The project will benefit fish species by creating low floodplain terraces that will flood with greater frequency than currently occurs at the project site, thus providing access to the fish for spawning, rearing, and migrating. The project will improve riparian habitat thereby providing additional benefits including shaded riverine aquatic habitat and increased macroinvertebrate populations. Finally, the project will provide benefits for the Valley Elderberry Longhorn Beetle by permanently protecting any existing Elderberry bushes, and possibly by planting additional shrubs. In addition to these species, we plan to establish colonies of riparian brush rabbit and riparian woodrat, thus contributing directly to delisting these critically endangered animals.

2. Relationship to Other Ecosystem Restoration Actions or Program Investments:

The Tuolumne River has been the beneficiary of millions of dollars in ecosystem restoration funding from CALFED, the Anadromous Fish Restoration Program (AFRP), California Department of Water Resources, the NRCS, and other state and federal organizations. The Tuolumne River Technical Advisory Committee (TRTAC) provides technical oversight to many of the restoration projects and created the *Habitat Restoration Plan for the Lower Tuolumne River Corridor* (McBain & Trush, 2000) to ensure projects have a scientifically sound basis. The plan was funded by the AFRP; the Trust has been an important partner in the development and implementation of the plan. The CALFED Watershed Program funded the development of a broader watershed plan titled "The *Lower Tuolumne River Parkway: A Framework for the Future.*" The *Framework* incorporates the *Habitat Restoration Plan*, and multiple other plans and programs that effect the lower Tuolumne River.

The Dos Rios Project is located across the Tuolumne and San Joaquin Rivers from the San Joaquin River National Wildlife Refuge (CVPIA-funding recipient). It will provide a critical link between the refuge and upstream habitat projects including the Bancroft conservation easement (CALFED fund recipient), the Grayson River Ranch habitat restoration project (CALFED fund recipient), and the Big Bend project (CALFED and DWR fund recipient). Further upstream, multiple channel-restoration projects have received CALFED funding, including the SRP9 & 10 predator isolation projects, the Channel-Mining Reach Restoration Projects (Phases 1-3), and Coarse Sediment Management Plan. We expect the Dos Rios and Big Bend projects to provide greater benefits to existing projects by improving riparian, shaded-riverine aquatic habitat, and floodplain habitat. This will greatly improve migratory and rearing habitat for anadromous fish,

the target of the *Habitat Restoration Plan*. The projects will greatly contribute to the formation of a continuous riparian corridor by restoring riparian forest along a total of 7 miles or river frontage.

3. Additional Information for Proposals Involving Land or Easement Acquisition:

The Big Bend project occurs on a portion of a privately-owned ranch, which is subject to an NRCS-held habitat conservation easement. The non-easement portion of the ranch continues to be planted in almond orchards by the landowner. We do not propose to purchase any more land or easements for the Big Bend Project.

On the Dos Rios Project, we propose to purchase a combination of habitat and agricultural easements. Riverfront acreage will be placed under habitat conservation easements enabling us to protect existing habitat (where it already exists) and re-create a riparian corridor where habitat is poor or non-existent. The remaining portions will be placed under an agricultural conservation easement with limitations on development, permanent structures, and permanent crops. It is important to purchase easements on this ranch because of its strategic location at the confluence of the Tuolumne and San Joaquin Rivers and because it will provide a critical link between the San Joaquin River National Wildlife Refuge and other upstream conservation projects. No other opportunities exist along the Tuolumne River for securing this amount of land or land of this importance.

We will be purchasing the easements from a willing seller (see attached letter). The project is consistent with the Stanislaus County Flood Damage Protection Ordinance and has the support of the Stanislaus County Director of Public Works who is responsible for granting or denying permits in accordance with the provisions of the ordinance (see attached letter).

The ranch is currently under Williamson Act contract, but this will not conflict with the contract because although portions of the ranch will be reforested, the ranch will continue to be farmed. Portions of the ranch are classified as swamp and overflow, while the majority of the ranch has been mapped as Prime Farmland or Farmland of Statewide Importance although much of the ranch was subject to flooding in 1997, 1995, 1986, and 1983. As described above, portions of the ranch will be reforested to create a riparian corridor, while the remainder will remain in agriculture.

Prior to purchasing easements on the ranch, we will work with the landowner to develop a process for notifying interested members of the public and local government officials. Possible strategies include letters to neighbors and public officials, one-on-one meetings, and/or a public meeting. We will complete this notification process prior to purchasing easements.

Our plan to reforest riparian habitat on only a portion of the ranch while purchasing agricultural easements on the remainder of the ranch represents the primary mitigating measure to reduce impacts to agricultural land. While the ranch could potentially provide even greater habitat benefits by planting riparian habitat throughout, we have developed a plan that will provide benefits to both the ecosystem and agriculture. Many of the mitigating measures identified in the CALFED ROD will also be followed, including: siting and aligning program features to avoid or minimize affects on agriculture, examining structural and nonstructural alternatives to achieve project goals in order to avoid effects on agricultural land, implementing features that are consistent with local and regional land use plans, and others.

As described above, a Conceptual Conservation Plan is currently under development for the Dos Rios Project. The Conceptual Conservation Plan will include an overview of existing conditions including habitat types, existing agricultural uses, restoration recommendations, and management recommendations. The project area is currently farmed in alfalfa and mixed row crops. The topography

of the site is generally flat and varies from low floodplain terraces to high floodplain terraces and associated uplands. There are several ponds and some existing riparian habitat along the rivers. Ranch barns and other facilities are located on the small upland area. Long-term management of the ranch will remain the responsibility of the landowner.

C. Qualifications and Organization

Founded in 1981, the Tuolumne River Preservation Trust's mission is to promote the stewardship of the Tuolumne River and its tributaries to ensure a healthy watershed. With offices in San Francisco, Modesto, and Sonora, the Trust is the only organization working on the entire Tuolumne River, linking Sierra and Valley conservation issues and forging strong ties between rural mountain and valley regions and Bay Area urban communities. The Trust strives to protect and restore this California jewel, which includes one of the largest natural salmon runs in the San Joaquin Valley. We believe that serious river restoration and protection efforts, strategic land acquisitions, and improved water flow policies create a healthier river for people and a habitat sanctuary for spawning fish, riparian species, and waterfowl.

The Trust has a proven record of managing land transactions and habitat restoration work. Working with our partners, the USDA-Natural Resources Conservation Service, California Department of Water Resources, NOAA Fisheries Restoration Center, and the East Stanislaus Resource Conservation District, we raised funds and coordinated the purchase of 240 acres of land to create the Big Bend Floodplain and Riparian Restoration Project on the Tuolumne River in 2002. Subsequent to the land purchases, we managed the restoration planning and design, permitting, and CEQA review for the project. Lessons learned from this project will be applied to the Dos Rios Project. We will also rely on these and new partnerships, including the Bureau of Reclamation (as administrator of our Habitat Restoration Program grant) as we continue to develop the Dos Rios project.

Patrick Koepele is the Central Valley Program Director for the Trust and is project manager for the Tuolumne River Land Protection, Riparian Restoration & Working Landscape Project. Patrick manages habitat restoration and land protection projects, is a member of the Tuolumne River Technical Advisory Committee, and coordinates the Trust's outreach and public education efforts in Stanislaus County. Prior to joining the Trust, he worked as a Water Resources and Restoration Planner with the US Army Corps of Engineers, where he acquired deep knowledge of restoration issues and activities throughout California's Central Valley. Patrick is also an adjunct faculty member of Columbia College's Earth Science Department. He received a Masters of Science in Geology from the University of California at Davis, and a Bachelor's degree in Geology from Colgate University in Hamilton, New York.

Project Partners & Contractors

The Big Bend project has been a model of cooperation between federal, state, and local agencies, organizations, and the landowner. Project funding came from the NRCS (easement acquisition and restoration planning and implementation through the Emergency Watershed Protection-Floodplain Easement Program), NOAA Fisheries (restoration planning and implementation), the California Department of Water Resources (easement & land acquisition, restoration planning & permitting, restoration implementation, and monitoring), the East Stanislaus Resource Conservation District (land acquisition), and the Fish America Foundation (restoration implementation). The Trust has been the manager of the project. The landowner, Tim Venn, is under contract with the Trust to implement riparian restoration on the project. To date, 61 of 184 acres have been planted. Mr. Venn would continue as the manager of work at Big Bend funded by this grant. Tim has over 25 years of farming experience and has an intimate knowledge of the site. As the landowner, he lives at the site and thus is in the best

position to oversee the implementation and care for the project. Also, as the owner, he has pride of ownership which strengthens his personal commitment to the project.

We anticipate that the Dos Rios Project would take a similar form. Thus far, we have received funding from the Bureau of Reclamation's Habitat Restoration Program and the National Fish and Wildlife Foundation for developing the Conceptual Conservation Plan, and other pre-acquisition tasks (appraisals, surveys, etc.). We will seek to access NRCS funds for compatible components of the project. Additionally, we will work closely with the U.S. Fish and Wildlife Service and Bureau of Reclamation to develop plans and implement a project for establishing a riparian brush rabbit colony and riparian woodrat colony at the site.

We will work closely with the landowner to implement the restoration work and identify additional conservation measures that can be incorporated into agricultural operations at the ranch. As with the Big Bend Project, the landowners of the Dos Rios Ranch have the most experience with the project site and thus are best suited to provide knowledge about what practices would be most suitable for their situation. The landowners will manage and operate the project.

At the Dos Rios Ranch, the Trust will work with the California Rangeland Trust (CRT), who has agreed to work with us in negotiating the final easement terms and hold the easement. CRT has a long history of working with ranchers to implement successful easements. They have the knowledge, expertise, and experience to negotiate and consummate complicated land transactions. CRT, as the holder of over 173,000 acres of ranchland easements, also has the tools and capabilities to enforce the easement at the Dos Rios Project.

River Partners, a non-profit river restoration organization is developing the Conceptual Conservation Plan for the Dos Rios Project, which is expected to be completed in January 2006. River Partners' mission is to create wildlife habitat for the benefit of people and the environment. River Partners has developed and implemented restoration projects on over 2000 acres along rivers in the Central Valley. River Partners also developed the riparian restoration plan for the Dos Rios Project. With this strong network of partners, we expect to be able to implement a successful project.

D. Cost

1. Budget: Please refer to the budget summary and detail. The project can be easily split into two separate projects (Dos Rios and Big Bend) if funding is only available for a portion of the grant request.

2. Cost Share and Matching Funds: Working with our partners, the USDA-Natural Resources Conservation Service, California Department of Water Resources, NOAA Fisheries Restoration Center, and the East Stanislaus Resource Conservation District, the Trust completed fundraising for the purchase the Big Bend easement in 2002. Support for planning and implementation of the Big Bend project has been secured from the California Department of Water Resources (DWR), East Stanislaus Resource Conservation District, National Fish & Wildlife Foundation, Natural Resources Conservation Service, NOAA Fisheries, Salida Elementary School, and Wildlife Conservation Board. We seek an additional $477,420 to complete the Big Bend Project implementation. The $152,500 shown in the budget summary under cost share (in combination with $1,000,000 from the BOR, described below) is from DWR and will pay for irrigation supplies and installation. Beyond this DWR money, $2,316,569 have been spent on the project for land acquisition, endowment, planning, permitting, implementation, and monitoring so far. We did not include this in the cost-share on the budget form because those funds

would not be spent during the 3-years a CALFED grant would cover. The Big Bend portion of this grant request could be reduced with costs being pro-rated on a per-acre basis.

Note that the budget for Dos Rios would not be sufficient to purchase the easements. The $1,000,000 requested for Dos Rios is a portion of the total cost, the remainder to be secured through other programs. We hope the $1,000,000 requested would allow us to better leverage additional funds. This summer the Central Valley Project Conservation and Improvement Act Habitat Restoration Program made a verbal commitment $1,000,000 to the Dos Rios Project if the first phase of work (Conceptual Conservation Plan, appraisals, surveys, etc.) is completed satisfactorily. This $1,000,000 is shown in the budget under the cost share (in combination with the $152,000 from DWR towards Big Bend). Additionally, National Fish & Wildlife Foundation has granted $72,000. The Trust recently submitted a proposal to the California River Parkways Grant Program requesting approximately $10,000,000. After we have secured the easements on the Dos Rios Ranch, we would commence permitting, environmental review, and detailed design work for restoration implementation. We estimate that permitting, implementation, and monitoring will cost approximately $4.6M. We will seek these funds after we have acquired the property.

3. Long-term Funding Strategy: We are optimistic about the potential to fund this project through several programs. The Trust has identified the following programs as potential sources for the project needs:

- USDA – Natural Resources Conservation Service Conservation Programs
- CALFED Ecosystem Restoration Program
- California Wildlife Conservation Board
- North American Wetlands Conservation Act Council
- National Fish & Wildlife Foundation – Migratory Bird Conservancy; Pacific Salmonid Initiative
- US Fish & Wildlife Service – Private Stewardship Grants Program
- US Fish & Wildlife Service – Native Plant Conservation Initiative
- Neotropical Migratory Bird Conservation Act Grant Program

E. Compliance with Standard Terms & Conditions

The Tuolumne River Trust is willing and able to comply will all aspects of the Ecosystem Restoration Program grant agreement and reporting conditions.

F. Literature Cited

Floodwarnings: Responding to California's Flood Crisis, California Department of Water Resources, January 2005.

Final Recommendations Report, California Floodplain Management Task Force, December 2002.

Interim Report – Sacramento and San Joaquin River Basins, California, Comprehensive Study, Corps of Engineers and California Reclamation Board, December 2002.

Habitat Restoration Plan for the Lower Tuolumne River Corridor. McBain & Trush, 2000. Prepared for the Tuolumne River Technical Advisory Committee.

The Lower Tuolumne River Parkway: A Framework for the Future. Moore Iocofano, Goltsman, 2005. Prepared for the Tuolumne River Coalition.

Riparian Bird Conservation Plan, Riparian Habitat Joint Venture 2000.

Big Bend Restoration Project – Final Monitoring Plan, Stillwater Sciences, March 2005. Prepared for the Tuolumne River Coalition.

G. Nonprofit Verification

A letter from the IRS verifying the Trust's nonprofit status is at Attachment 1.

Figure 1 – Big Bend and Dos Rios Location and Vicinity

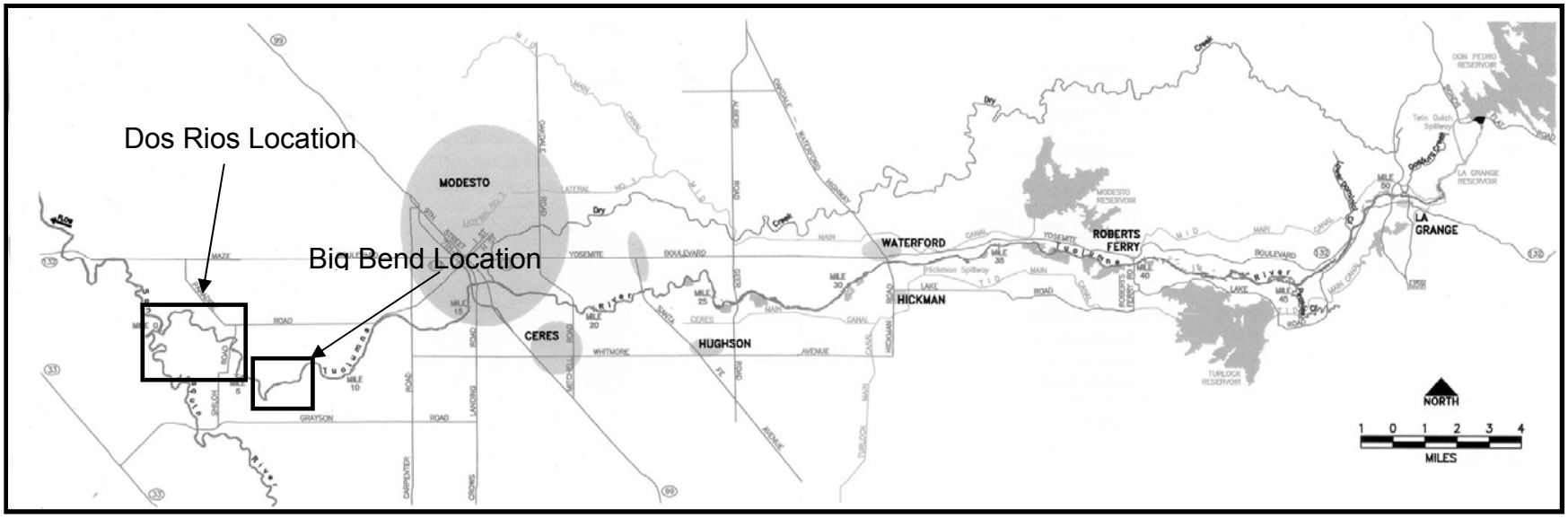


Figure 2
Tuolumne River Big Bend
Restoration Project
(Tuolumne River RM 5.7 - 6.6)
Location and Vicinity

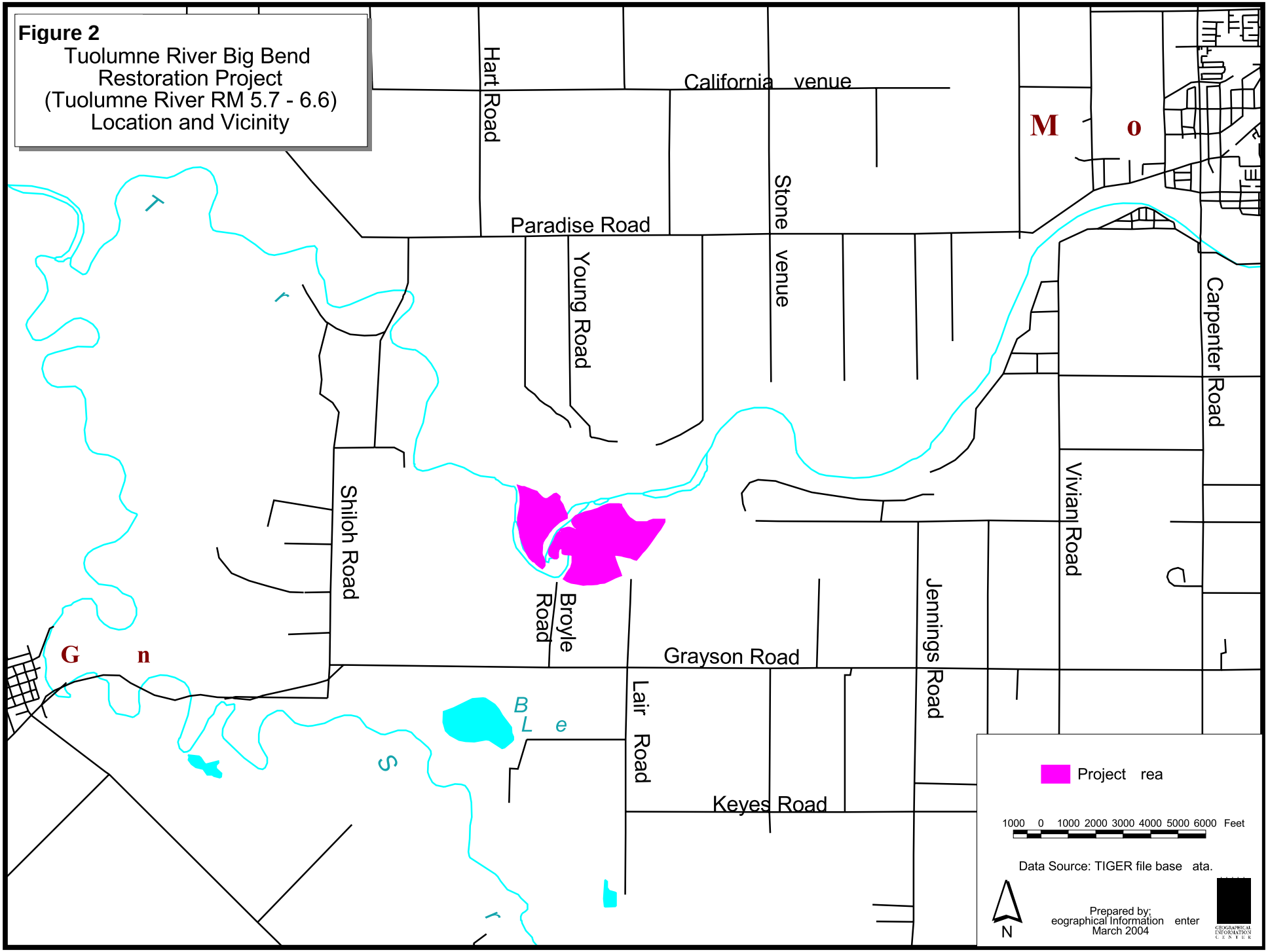
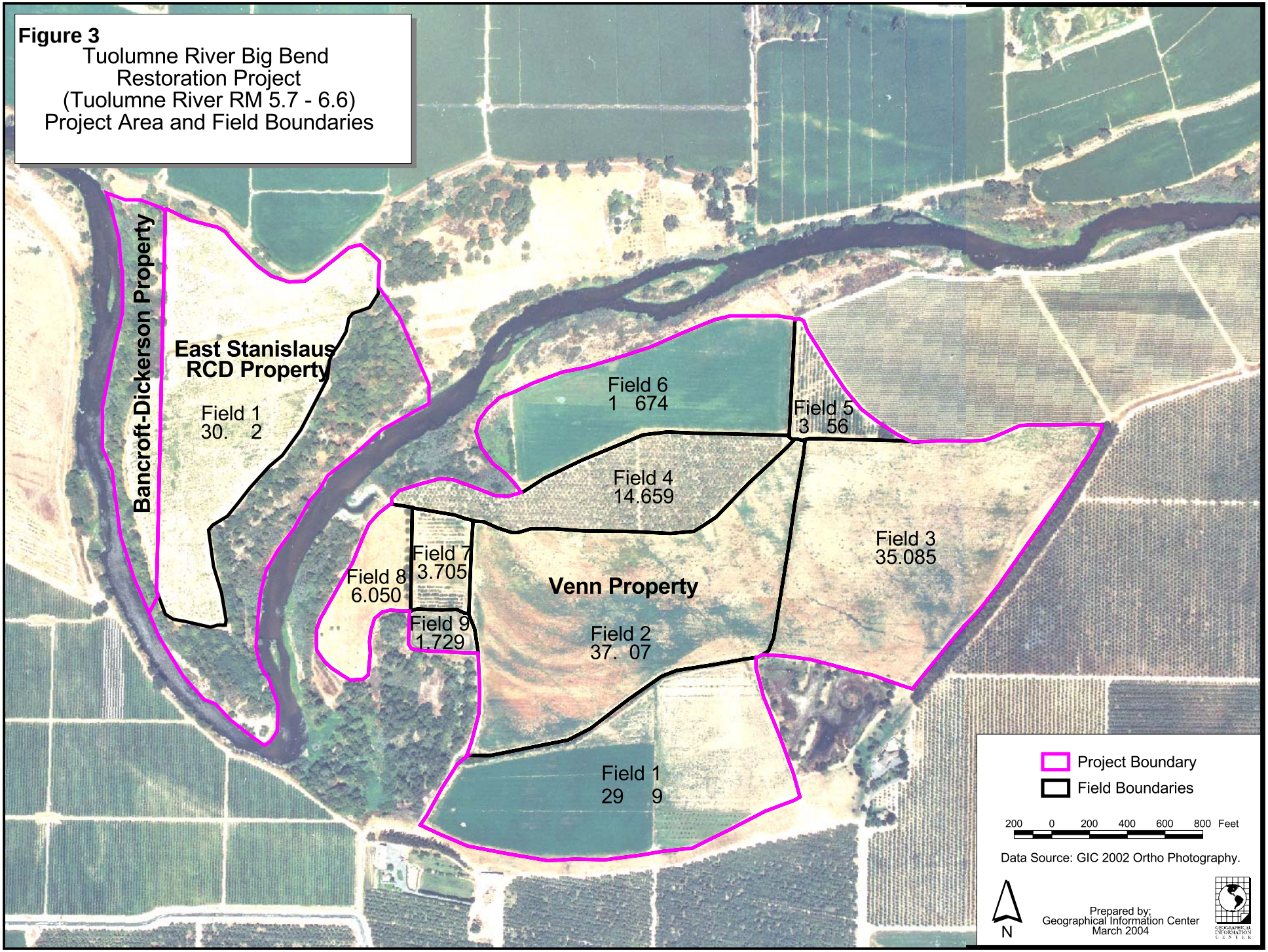


Figure 3
Tuolumne River Big Bend
Restoration Project
(Tuolumne River RM 5.7 - 6.6)
Project Area and Field Boundaries



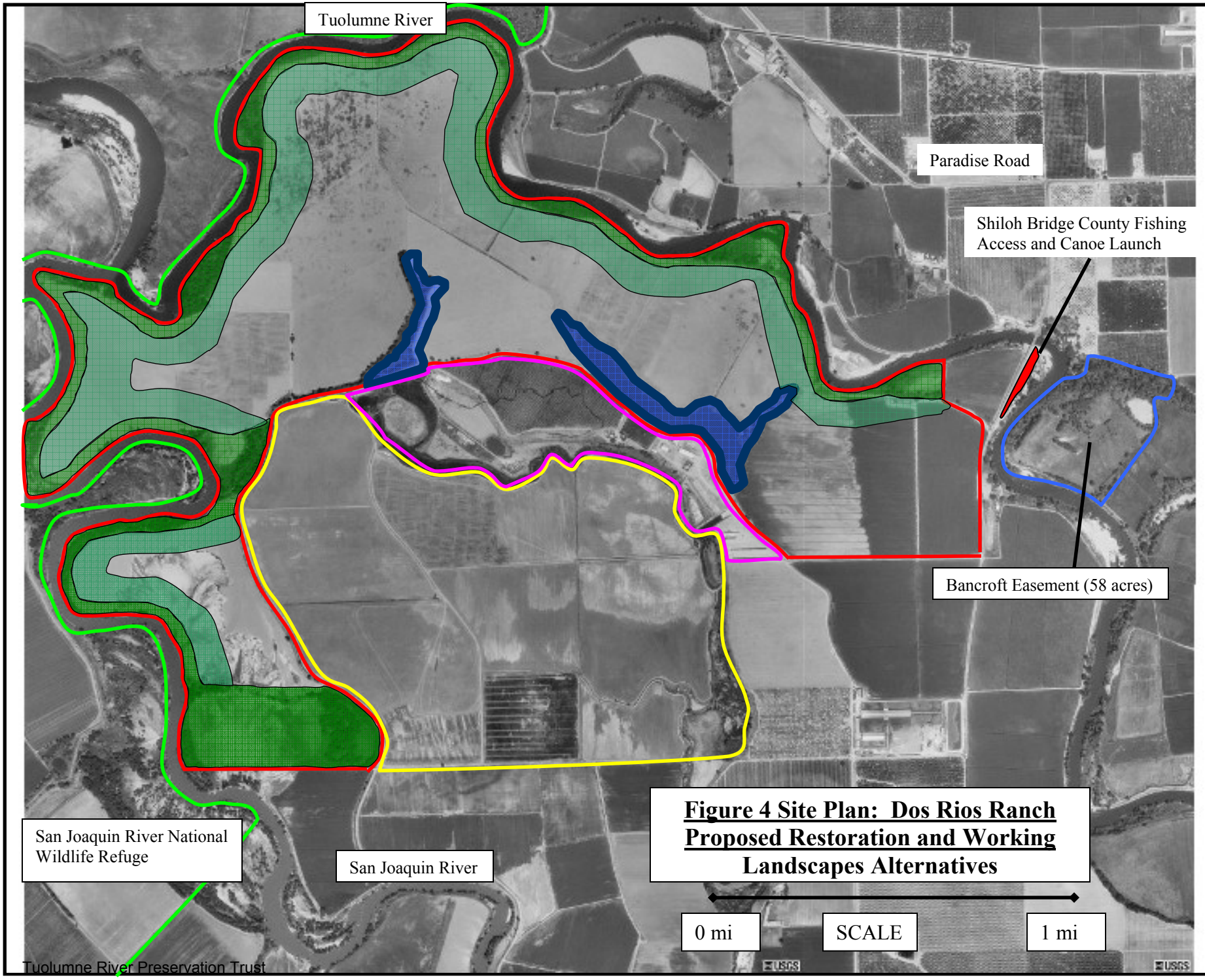
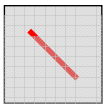
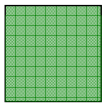


Figure 4 Site Plan: Dos Rios Ranch Proposed Restoration and Working Landscapes Alternatives

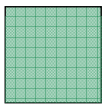
LEGEND



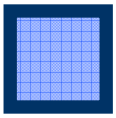
Project Boundary



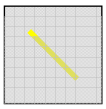
Approximated 250 ft riparian zone. In some locations, this is wider than 250 ft to include existing patches of riparian forest.



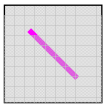
Approximated 1000 ft riparian zone



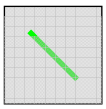
Wetland and Buffer Strip



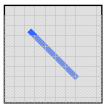
Portion of Dos Rios Ranch that is topographically low but protected by a levee



Portion of Dos Rios Ranch that is topographically elevated

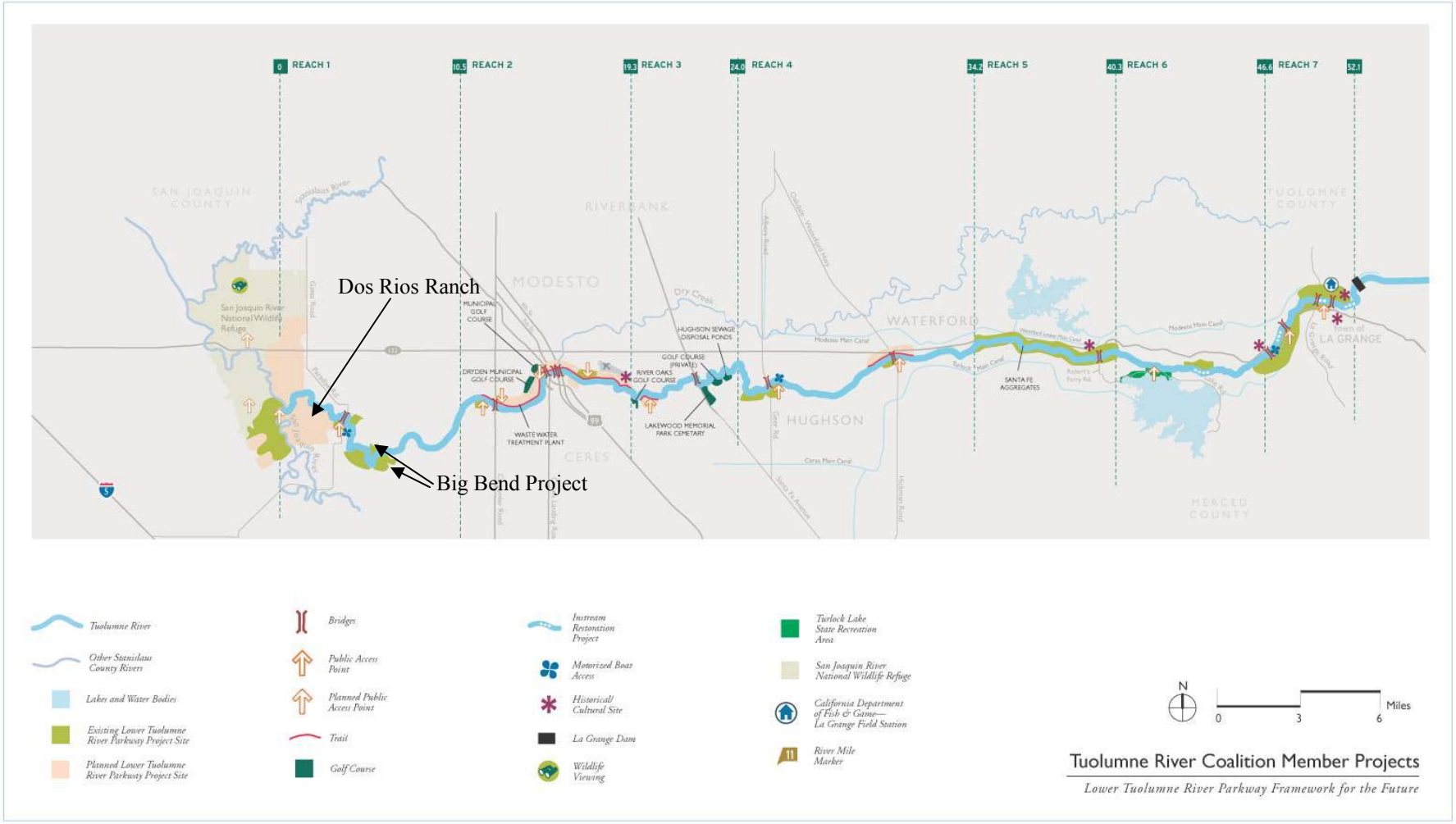


USFWS - San Joaquin River National Wildlife Refuge boundary



USDA - Natural Resources Conservation Service Permanent Floodplain Easement

Figrure 5 – Project Location and Vicinity
Lower Tuolumne River Parkway



Ecosystem Stressors: Maximize aerial extant of agricultural operations through removal of riparian forest, Flood control through construction of berms
Effect: Reduced riparian habitat, Discontinuous riparian corridor, Channel-floodplain disconnect (caused by barrier created by berms)
Result: Reduced avian migratory, breeding, foraging habitat, Reduced fish migratory, spawning, rearing habitat, Reduced refugia & foraging habitat for Riparian Brush Rabbit & Riparian Woodrat
Agricultural Stressor: Increased scrutiny and regulation of agricultural operations (caused by impacts to species & water quality)
Effect: Increased resources spent on meeting regulations
Result: Loss in productivity

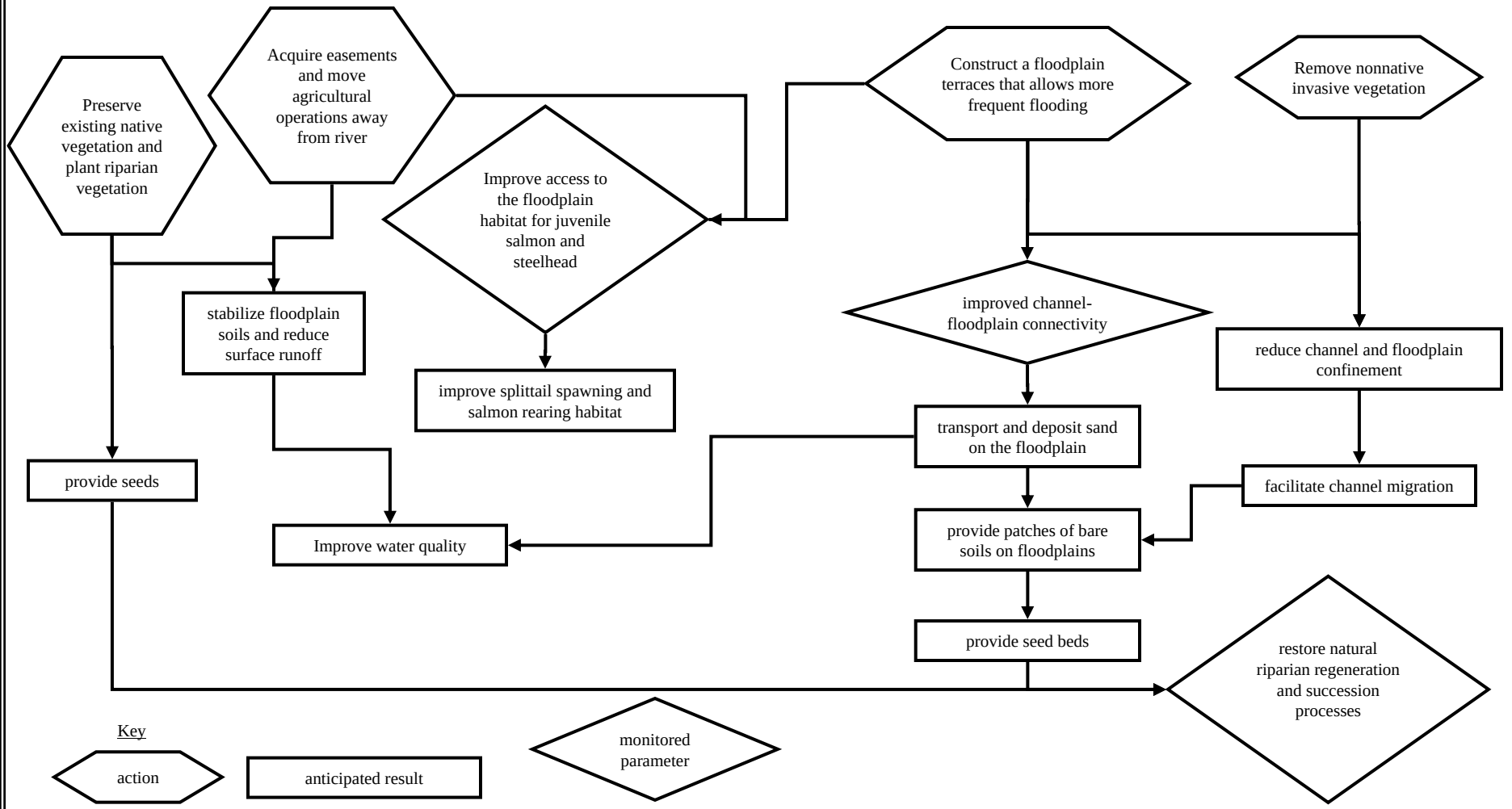


Figure 6 - Land Protection, Riparian Restoration & Working Landscape Conceptual Model. Effects of regrading the floodplain, removing NIS, and revegetating the floodplain on riparian habitat and salmon spawning riffle quality. Modified from Stillwater Sciences, 2001.

Tasks And Deliverables

Task ID	Task Name	Start Month	End Month	Personnel Involved	Deliverables
1	Administrative	1	36	Koepele, Patrick	cost verification, environmental compliance, data handling, report preparation, project oversight, and public outreach
2	Big Bend Installation of Plant Materials	1	36	Venn, Tim	120 acres of restored riparian habitat
3	Big Bend Pumping Costs &Irrigation Maintenance	1	36	Venn, Tim	3 yrs of irrigation
4	Big Bend Weed Control and Miscellaneous Project Maintenance	1	36	Venn, Tim	3 yrs of weed control and project maintenance
5	Dos Rios Title Insurance and Closing Costs	1	12	Koepele, Patrick	title insurance
6	Easement Acquisition	1	12	Koepele, Patrick	recorded easement deed

Total Project Budget Summary by Task and by Fiscal Year

Note: This budget summary **automatically links** to the costs and totals on the **"Budget Detail"** worksheet.
DO NOT CHANGE FORMULAS OR ENTER NUMBERS INTO ANY CELLS EXCEPT THE SHADED CELLS for "Cost Share" and "Other Matching Funds"

BUDGET SUMMARY	Total Amount for Year 1	Total Amount for Year 2	Total Amount for Year 3	Total Amount for All Years
Total Costs for Task One	$ 14,486.55	$ 7,488.80	$ 7,847.43	$ 29,822.78
Total Costs for Task Two	$ 291,723.00	$ 37,956.00	$ 57,741.00	$ 387,420.00
Total Costs for Task Three	$ 8,334.00	$ 8,333.00	$ 8,333.00	$ 25,000.00
Total Costs for Task Four	$ 21,667.00	$ 21,667.00	$ 21,666.00	$ 65,000.00
Total Costs for Task Five	$ 5,000.00	$ -	$ -	$ 5,000.00
Total Costs for Task Six	$ 987,757.00	$ -	$ -	$ 987,757.00
Total Costs for Task Seven	$ -	$ -	$ -	$ -
Total Costs for Task Eight	$ -	$ -	$ -	$ -
Total Costs for Task Nine	$ -	$ -	$ -	$ -
Total Costs for Task Ten	$ -	$ -	$ -	$ -
Total Costs for Task Eleven	$ -	$ -	$ -	$ -
Total Costs for Task Twelve	$ -	$ -	$ -	$ -
Total Costs for Task Thirteen	$ -	$ -	$ -	$ -
Total Costs for Task Fourteen	$ -	$ -	$ -	$ -
Total Costs for Task Fifteen	$ -	$ -	$ -	$ -
Total Costs for Project Tasks	$ 1,328,967.55	$ 75,444.80	$ 95,587.43	$ 1,499,999.78
1/Cost Share	$ 1,152,500.00	$ -	$ -	$ 1,152,500.00
2/ Other Matching Funds	$ -	$ -	$ -	$ -

1/ *Cost share funds* are specifically dedicated to your project and can include private and other State and Federal grants. Any funds listed in this line must be further described in the text of your proposal (see Chapter 3, Section D, of the PSP document)

2/ *Other matching funds* include other funds invested consistent with your project in your project area for which the ERP grant applicant is not eligible. Any funds listed in this line must be further described in the text of your proposal (see Chapter 3, Section D, of the PSP document)

BUDGET FOR TASK ONE (Administrative)	**TOTAL AMOUNT TASK 1 All Years**	**Year 1**			**Year 2**			**Year 3**		
		Amount per hour	**Number of Hours**	**Total Amount for Year 1**	**Amount per hour**	**Number of Hours**	**Total Amount for Year 2**	**Amount per hour**	**Number of Hours**	**Total Amount for Year 3**
Personnel										
Central Valley Program Director	$ 22,423.50	$ 36.00	300	$ 10,800.00	$ 37.80	150	$ 5,670.00	$ 39.69	150	$
	$ -			$ -			$ -			$ 5,953.50 -
	$ -			$ -			$ -			$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$
	$ -	$ -		$ -	$ -		$ -	$ -		$
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
Personnel Subtotal	**$ 22,423.50**			**$ 10,800.00**			**$ 5,670.00**			**$ 5,953.50**
										-
[1/] Benefits as percent of salary	10%			$1,080.00			$567.00			$595.35
Personnel Total (salary + benefits)	**$24,665.85**			**$11,880.00**			**$6,237.00**			**$6,548.85**
Other Costs	**Total All Years**			**Total Year 1**			**Total Year 2**			**Total Year 3**
Operating Expenses: (ex:software, office supplies, postage, etc.)	$ 592.00			$ 492.00			$ 50.00			$ 50.00
2/ Travel and Per Diem	$ 675.00			$ 225.00			$ 225.00			$ 225.00
3/ Equipment	$ -			$ -			$ -			$ -
4/ Sub-Contractor	$ -			$ -			$ -			$ -
4/ Sub-Contractor	$ -			$ -			$ -			$ -
4/ Sub-Contractor	$ -			$ -			$ -			$ -
4/ Sub-Contractor	$ -			$ -			$ -			$ -
Overhead includes occupancy, utilities, communications, and reserve	$ -			$ -			$ -			$ -
Other Costs Subtotal	**$ 1,267.00**			**$ 717.00**			**$ 275.00**			**$ 275.00**
[5/]Overhead Percentage (Applied to Personnel & Other Costs)	15%			$ 1,889.55			$ 976.80			$ 1,023.58
Total Costs for Task One	**$ 29,822.78**			**$ 14,486.55**			**$ 7,488.80**			**$ 7,847.43**

1/ Indicate your rate, and change formula in column immediately to the right of this cell

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4/ Please list each subcontractor and amounts (if subcontractor not selected yet, use function like "ditch construction subcontractor")

5/ Indicate rate in column immediately to the right of this cell; and provide a description of what expenses are covered by overhead. If overhead is > 15% must provide justification

		Year 1			Year 2			Year 3		
BUDGET FOR TASK TWO	**TOTAL AMOUNT TASK 2 All Years**	**Amount per hour**	**Number of Hours**	**Total Amount for Year 1**	**Amount per hour**	**Number of Hours**	**Total Amount for Year 2**	**Amount per hour**	**Number of Hours**	**Total Amount for Year 3**
Personnel										
	$ -	$ -		$ -	$ -		$ -	$ -		$
	$ -	$ -		$ -	$ -		$ -	$ -		$
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
Personnel Subtotal	**$ -**			**$ -**			**$ -**			**$ - -**
										-
1/ Benefits as percent of salary				$0.00			$0.00			$0.00
Personnel Total (salary + benefits)	**$0.00**			**$0.00**			**$0.00**			**$0.00**
Other Costs	**Total All Years**			**Total Year 1**			**Total Year 2**			**Total Year 3**
Operating Expenses: (ex: seed, plant materials, irrigation supplies, software, office supplies, etc)	$ -			$ -			$ -			$ -
2/ Travel and Per Diem	$ -			$ -			$ -			$ -
3/ Equipment	$ -			$ -			$ -			$ -
Tim Venn	$ 387,420.00			$ 291,723.00			$ 37,956.00			$ 57,741.00
4/ Sub-Contractor	$ -			$ -			$ -			$ -
4/ Sub-Contractor	$ -			$ -			$ -			$ -
4/ Sub-Contractor	$ -			$ -			$ -			$ -
4/ Sub-Contractor	$ -			$ -			$ -			$ -
Other Costs Subtotal	**$ 387,420.00**			**$ 291,723.00**			**$ 37,956.00**			**$ 57,741.00**
5/Overhead Percentage (Applied to Personnel & Other Costs)				$ -			$ -			$ -
Total Costs for Task Two	**$ 387,420.00**			**$ 291,723.00**			**$ 37,956.00**			**$ 57,741.00**

1/ Indicate your rate, and change formula in column immediately to the right of this cell

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		Year 1			Year 2			Year 3		
BUDGET FOR TASK THREE	**TOTAL AMOUNT TASK 3 All Years**	**Amount per hour**	**Number of Hours**	**Total Amount for Year 1**	**Amount per hour**	**Number of Hours**	**Total Amount for Year 2**	**Amount per hour**	**Number of Hours**	**Total Amount for Year 3**
Personnel										
	$ -	$ -		$ -	$ -		$ -	$ -		$
	$ -	$ -		$ -	$ -		$ -	$ -		$
	$ -	$ -		$ -	$ -		$ -	$ -		$ -

Proposal Number
Tuolumne River Land Protection, Riparian
Restoration and Working Landscape Project Description

Detailed Budget Breakdown by Task and by Fiscal Year

Tuolumne River Preservation Trust

	$ -	$ -		$ -	$ -		$ -	$ -		$ -		
	$ -	$ -		$ -	$ -		$ -	$ -		$ -		
	$ -	$ -		$ -	$ -		$ -	$ -		$ -		
	$ -	$ -		$ -	$ -		$ -	$ -		$ -		
	$ -	$ -		$ -	$ -		$ -	$ -		$ -		
	$ -	$ -		$ -	$ -		$ -	$ -		$ -		
	$ -	$ -		$ -	$ -		$ -	$ -		$ -		
	$ -	$ -		$ -	$ -		$ -	$ -		$ -		
Personnel Subtotal	**$ -**			**$ -**			**$ -**			**$ -**		**-**
[1/] Benefits as percent of salary				$0.00			$0.00			$0.00		
Personnel Total (salary + benefits)	**$0.00**			**$0.00**			**$0.00**			**$0.00**		
Other Costs	**Total All Years**			**Total Year 1**			**Total Year 2**			**Total Year 3**		
Operating Expenses: (ex: seed, plant materials, irrigation supplies, software, office supplies, etc)	$ -			$ -			$ -			$ -		
2/ Travel and Per Diem	$ -			$ -			$ -			$ -		
3/ Equipment	$ -			$ -			$ -			$ -		
Tim Venn	$ 25,000.00			$ 8,334.00			$ 8,333.00			$ 8,333.00		
4/ Sub-Contractor	$ -			$ -			$ -			$ -		
4/ Sub-Contractor	$ -			$ -			$ -			$ -		
4/ Sub-Contractor	$ -			$ -			$ -			$ -		
4/ Sub-Contractor	$ -			$ -			$ -			$ -		
Other Costs Subtotal	**$ 25,000.00**			**$ 8,334.00**			**$ 8,333.00**			**$ 8,333.00**		
[5/]Overhead Percentage (Applied to Personnel & Other Costs)				$ -			$ -			$ -		
Total Costs for Task Three	**$ 25,000.00**			**$ 8,334.00**			**$ 8,333.00**			**$ 8,333.00**		

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		Year 1			Year 2			Year 3		
BUDGET FOR TASK FOUR	**TOTAL AMOUNT TASK 4 All Years**	**Amount per hour**	**Number of Hours**	**Total Amount for Year 1**	**Amount per hour**	**Number of Hours**	**Total Amount for Year 2**	**Amount per hour**	**Number of Hours**	**Total Amount for Year 3**
Personnel										
	$ -	$ -		$ -	$ -		$ -	$ -		$
	$ -	$ -		$ -	$ -		$ -	$ -		$
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
										-
										-

	$ -	$ -		$ -	$ -		$ -	$ -		$
Personnel Subtotal	**$ -**			**$ -**			**$ -**			**$ -**
										-
1/ Benefits as percent of salary				$0.00			$0.00			$0.00
Personnel Total (salary + benefits)	**$0.00**			**$0.00**			**$0.00**			**$0.00**
Other Costs	**Total All Years**			**Total Year 1**			**Total Year 2**			**Total Year 3**
Operating Expenses: (ex: seed, plant materials, irrigation supplies, software, office supplies, etc)	$ -			$ -			$ -			$ -
2/ Travel and Per Diem	$ -			$ -			$ -			$ -
3/ Equipment	$ -			$ -			$ -			$ -
Tim Venn	$ 65,000.00			$ 21,667.00			$ 21,667.00			$ 21,666.00
4/ Sub-Contractor	$ -			$ -			$ -			$ -
4/ Sub-Contractor	$ -			$ -			$ -			$ -
4/ Sub-Contractor	$ -			$ -			$ -			$ -
4/ Sub-Contractor	$ -			$ -			$ -			$ -
Other Costs Subtotal	**$ 65,000.00**			**$ 21,667.00**			**$ 21,667.00**			**$ 21,666.00**
5/ Overhead Percentage (Applied to Personnel & Other Costs)				$ -			$ -			$ -
Total Costs for Task Four	**$ 65,000.00**			**$ 21,667.00**			**$ 21,667.00**			**$ 21,666.00**

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		Year 1			Year 2			Year 3		
BUDGET FOR TASK FIVE	**TOTAL AMOUNT TASK 5 All Years**	**Amount per hour**	**Number of Hours**	**Total Amount for Year 1**	**Amount per hour**	**Number of Hours**	**Total Amount for Year 2**	**Amount per hour**	**Number of Hours**	**Total Amount for Year 3**
Personnel										
	$ -	$ -		$ -	$ -		$ -	$ -		$
	$ -	$ -		$ -	$ -		$ -	$ -		$
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
Personnel Subtotal	**$ -**			**$ -**			**$ -**			**$ - -**
										-
1/ Benefits as percent of salary				$0.00			$0.00			$0.00
Personnel Total (salary + benefits)	**$0.00**			**$0.00**			**$0.00**			**$0.00**

Other Costs	**Total All Years**			**Total Year 1**			**Total Year 2**			**Total Year 3**
Operating Expenses: (ex: seed, plant materials, irrigation supplies, software, office supplies, etc)	$ -			$ -			$ -			$ -
2/ Travel and Per Diem	$ -			$ -			$ -			$ -
3/ Equipment	$ -			$ -			$ -			$ -
Escrow Company	$ 5,000.00			$ 5,000.00			$ -			$ -
4/ Sub-Contractor	$ -			$ -			$ -			$ -
4/ Sub-Contractor	$ -			$ -			$ -			$ -
4/ Sub-Contractor	$ -			$ -			$ -			$ -
4/ Sub-Contractor	$ -			$ -			$ -			$ -
Other Costs Subtotal	**$ 5,000.00**			**$ 5,000.00**			**$ -**			**$ -**
5/ Overhead Percentage (Applied to Personnel & Other Costs)				$ -			$ -			$ -
Total Costs for Task Five	**$ 5,000.00**			**$ 5,000.00**			**$ -**			**$ -**

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BUDGET FOR TASK SIX

		Year 1			Year 2			Year 3		
	TOTAL AMOUNT TASK 6 All Years	**Amount per hour**	**Number of Hours**	**Total Amount for Year 1**	**Amount per hour**	**Number of Hours**	**Total Amount for Year 2**	**Amount per hour**	**Number of Hours**	**Total Amount for Year 3**
Personnel										
	$ -	$ -		$ -	$ -		$ -	$ -		$
	$ -	$ -		$ -	$ -		$ -	$ -		$
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
Personnel Subtotal	**$ -**			**$ -**			**$ -**			**$ - -**
										-
1/ Benefits as percent of salary				$0.00			$0.00			$0.00
Personnel Total (salary + benefits)	**$0.00**			**$0.00**			**$0.00**			**$0.00**
Other Costs	**Total All Years**			**Total Year 1**			**Total Year 2**			**Total Year 3**
Operating Expenses: (ex: seed, plant materials, irrigation supplies, software, office supplies, etc)	$ -			$ -			$ -			$ -
2/ Travel and Per Diem	$ -			$ -			$ -			$ -
3/ Equipment	$ -			$ -			$ -			$ -
Dos Rios Landowners (easement costs)	$ 987,757.00			$ 987,757.00			$ -			$ -

4/ Sub-Contractor	$ -			$ -			$ -			$ -
4/ Sub-Contractor	$ -			$ -			$ -			$ -
4/ Sub-Contractor	$ -			$ -			$ -			$ -
4/ Sub-Contractor	$ -			$ -			$ -			$ -
Other Costs Subtotal	**$ 987,757.00**			**$ 987,757.00**			**$ -**			**$ -**
5/Overhead Percentage (Applied to Personnel & Other Costs)				$ -			$ -			$ -
Total Costs for Task Six	**$ 987,757.00**			**$ 987,757.00**			**$ -**			**$ -**

1/ Indicate your rate, and change formula in column immediately to the right of this cell

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		Year 1			**Year 2**			**Year 3**		
BUDGET FOR TASK SEVEN	**TOTAL AMOUNT TASK 7 All Years**	**Amount per hour**	**Number of Hours**	**Total Amount for Year 1**	**Amount per hour**	**Number of Hours**	**Total Amount for Year 2**	**Amount per hour**	**Number of Hours**	**Total Amount for Year 3**
Personnel										
	$ -	$ -		$ -	$ -		$ -	$ -		$
	$ -	$ -		$ -	$ -		$ -	$ -		$
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
	$ -	$ -		$ -	$ -		$ -	$ -		$ -
Personnel Subtotal	**$ -**			**$ -**			**$ -**			**$** - **-**
										-
1/ Benefits as percent of salary				$0.00			$0.00			$0.00
Personnel Total (salary + benefits)	**$0.00**			**$0.00**			**$0.00**			**$0.00**
Other Costs	**Total All Years**			**Total Year 1**			**Total Year 2**			**Total Year 3**
Operating Expenses: (ex: seed, plant materials, irrigation supplies, software, office supplies, etc)	$ -			$ -			$ -			$ -
2/ Travel and Per Diem	$ -			$ -			$ -			$ -
3/ Equipment	$ -			$ -			$ -			$ -
4/ Sub-Contractor	$ -			$ -			$ -			$ -
4/ Sub-Contractor	$ -			$ -			$ -			$ -
4/ Sub-Contractor	$ -			$ -			$ -			$ -
4/ Sub-Contractor	$ -			$ -			$ -			$ -
4/ Sub-Contractor	$ -			$ -			$ -			$ -
Other Costs Subtotal	**$ -**			**$ -**			**$ -**			**$ -**

Environmental Compliance

CEQA Compliance

Which type of CEQA documentation do you anticipate?
− none *Skip the remaining questions in this section.*
X negative declaration or mitigated negative declaration
− EIR
− categorical exemption *A categorical exemption may not be used for a project which may which may cause a substantial adverse change in the significance of a historical resource or result in damage to scenic resources within an officially designated state scenic highway.*

If you are using a categorical exemption, choose all of the applicable classes below.

− Class 1. Operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency's determination. The types of "existing facilities" itemized above are not intended to be all−inclusive of the types of projects which might fall within Class 1. The key consideration is whether the project involves negligible or no expansion of an existing use.

− Class 2. Replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced.

− Class 3. Construction and location of limited numbers of new, small facilities or structures; installation of small new equipment and facilities in small structures; and the conversion of existing small structures from one use to another where only minor modifications are made in the exterior of the structure. The numbers of structures described in this section are the maximum allowable on any legal parcel, except where the project may impact on an environmental resource of hazardous or critical concern where designated, precisely mapped, and officially adopted pursuant to law by federal, state, or local agencies.

− Class 4. Minor public or private alterations in the condition of land, water, and/or vegetation which do not involve removal of healthy, mature, scenic trees except for forestry or agricultural purposes, except where the project may impact on an environmental resource of hazardous or critical concern where designated, precisely mapped, and officially adopted pursuant to law by federal, state, or local agencies.

– Class 6. Basic data collection, research, experimental management, and resource evaluation activities which do not result in a serious or major disturbance to an environmental resource, except where the project may impact on an environmental resource of hazardous or critical concern where designated, precisely mapped, and officially adopted pursuant to law by federal, state, or local agencies. These may be strictly for information gathering purposes, or as part of a study leading to an action which a public agency has not yet approved, adopted, or funded.

– Class 11. Construction, or placement of minor structures accessory to (appurtenant to) existing commercial, industrial, or institutional facilities, except where the project may impact on an environmental resource of hazardous or critical concern where designated, precisely mapped, and officially adopted pursuant to law by federal, state, or local agencies.

Identify the lead agency.
The East Stanislaus Resource Conservation District
Please write out all words in the agency title other than United States (Use the abbreviation "US".) and California (Use the abbreviation "CA".).

Is the CEQA environmental impact assessment complete?
Yes.

If the CEQA environmental impact assessment process is complete, provide the following information about the resulting document.

Document Name **Notice of Determination**
State Clearinghouse Number **2004022122**

If the CEQA environmental impact assessment process is not complete, describe the plan for completing draft and/or final CEQA documents.

CEQA is complete for the Big Bend project site; it is not complete for the Dos Rios site. We will complete CEQA prior to any habitat restoration at Dos Rios. We anticipate that a Negative Declaration or Mitigated Negative Declaration would be the appropriate document.

NEPA Compliance

Which type of NEPA documentation do you anticipate?
– none *Skip the remaining questions in this section.*
X environmental assessment/FONSI
– EIS
– categorical exclusion

Identify the lead agency or agencies.

The US Department of Agriculture – Natural Resources Conservation Service is the Federal Lead Agency for the purposes of NEPA

Please write out all words in the agency title other than United States (Use the abbreviation "US".) and California (Use the abbreviation "CA".).

If the NEPA environmental impact assessment process is complete, provide the name of the resulting document.
Environmental Checklist pursuant to NEPA for the Todd/Venn projects, Stanislaus County, California

If the NEPA environmental impact assessment process is not complete, describe the plan for completing draft and/or final NEPA documents.

NEPA has been completed for Big Bend but not for Dos Rios. We will complete NEPA prior to implementing any habitat restoration at Dos Rios.

Successful applicants must tier their project's permitting from the CALFED Record of Decision and attachments providing programmatic guidance on complying with the state and federal endangered species acts, the Coastal Zone Management Act, and sections 404 and 401 of the Clean Water Act.

Please indicate what permits or other approvals may be required for the activities contained in your proposal and also which have already been obtained. Please check all that apply. If a permit is *not* required, leave both Required? and Obtained? check boxes blank.

Local Permits And Approvals	Required?	Obtained?	

			Permit Number (If Applicable)
conditional Use Permit	–	–	
variance	–	–	
Subdivision Map Act	–	–	
grading Permit	–	–	
general Plan Amendment	–	–	
specific Plan Approval	–	–	
rezone	–	–	
Williamson Act Contract Cancellation	–	–	
other	–	–	

State Permits And Approvals	Required?	Obtained?	Permit Number (If Applicable)
scientific Collecting Permit	–	–	
CESA Compliance: 2081	–	–	
CESA Complance: NCCP	–	–	
Lake Or Streambed Alteration Agreement	–	–	
CWA 401 Certification	X	X	5B50CR00013
Bay Conservation And Development Commission Permit	–	–	
reclamation Board Approval	X	X	17763 GM
Delta Protection Commission Notification	–	–	
state Lands Commission Lease Or Permit	–	–	
action Specific Implementation Plan	–	–	
SWRCB Water Transfer Approval	–	–	
other	–	–	

Federal Permits And Approvals	Required?	Obtained?	Permit Number (If Applicable)
ESA Compliance Section 7 Consultation	X	X	

ESA Compliance Section 10 Permit	–	–	
Rivers And Harbors Act	–	–	
CWA 404	X	X	200400122
other	–	–	

Permission To Access Property	Required?	Obtained?	Permit Number (If Applicable)
permission To Access City, County Or Other Local Agency Land Agency Name	–	–	
permission To Access State Land Agency Name	–	–	
permission To Access Federal Land Agency Name	–	–	
permission To Access Private Land Landowner Name Venn Farms, Lyon's Investments	X	X	

If you have comments about any of these questions, enter them here.

Permits and Permissions have only been obtained for the Big Bend project. We consulted with California Department of Fish and Game regarding a Streambed Alteration Permit. The Department did not require a permit and was satisfied with simply a notification. The California Office of Historic Preservation concurred with our finding of "No Historic Properties Affected" by the Big Bend Project. We also secured an NPDES permit throught the State Water Resources Control Board.

We will need to secure permits and permission to access private land for the Dos Rios project.

Land Use

Does the project involve land acquisition, either in fee or through easements?
– No. *Skip to the next set of questions.*
X Yes. *Answer the following questions.*

How many acres will be acquired by fee? **zero**

How many acres will be acquired by easement? **1,700**

Describe the entity or organization that will manage the property and project activities, including operation and maintenance.

Long-term management and maintenance of the Big Bend Project, consistent with the easement, remains the obligation of the property owner (Tim Venn) with final approval by the NRCS. The property owner has a long history of farming on his ranch and has intimate knowledge of the land. Mr. Venn has been implementing the restoration work at the Big Bend project under contract with the Tuolumne River Trust.

The Dos Rios property will continue to be managed by the landowner. The landowners have a long-history of farm and ranch management and will know best how to manage the agriculutural operations. They are also experienced with habitat restoration projects and working with government entities, having worked closely with the US Fish and Wildlife Service on the San Joaquin River National Wildlife Refuge, of which their ranch (Mape's Ranch) is a part, to restore habitat for the formerly threatened Aleutian Canada Goose. The Trust will be responsible for restoration overesite at Dos Rios. The Trust has strong experience in managing restoration projects through its work at the Big Bend Project. The Trust will work in concert with its partners, most notable River Partners, and the landowner, to implement a strong restoration project.

Is there an existing plan describing how the land and water will be managed?
– No.
X Yes. *Cite the title and author or describe briefly.* **Conceptual Conservation Plan for the Dos Rios Ranch, River Partners, in development**

Will the applicant require access across to or through public or private property that the applicant does not own to accomplish the activities in the proposal?
– No. *Skip to the next set of questions.*
X Yes. *Answer the following question.*

Describe briefly the provisions made to secure this access.

At the Big Bend site, access for restoration is a guaranteed aspect of the existing easement. We will ensure access for restoration as part of the Dos Rios easement.

Do the actions in the proposal involve physical changes in the current land use?
– No. *Skip to the next set of questions.*
X Yes. *Answer the following questions.*

Describe the current zoning, including the zoning designation and the principal permitted uses permitted in the zone.

The zoning of the Dos Rios Ranch is general agriculture (A–2–40). Agricultural zoning is specifically established to ensure that all land uses are compatible with agriculture and open space, including natural resources management, outdoor recreation and enjoyment of scenic beauty. The principal permitted uses include agriculture, 1 single family dwelling or mobile home, buildings assessory to farming purposes, and other uses.

Describe the general plan land use element designation, including the purpose and uses allowed in the designation.

The land use element designation is Agriculture. This designation recognizes the value and importance of agriculture by acting to preclude incompatible urban development within agricultural areas. It is intended for areas of land which are presently or potentially desirable for agricultural usage. These are typically areas which possess characteristics with respect to location, topography, parcel size, soil classification, water availability and adjacent usage which, in proper combination, provide a favorable agricultural environment. This designation establishes agriculture as the primary use in land so designated, but allows dwelling units,

limited agriculturally related commercial services, agriculturally related light industrial uses, and other uses which by their unique nature are not compatible with urban uses, provided they do not conflict with the primary use. The Agriculture designation is also consistent with areas the overall General Plan has identified as suitable for open space or recreational use and for ranchettes.

Describe relevant provisions in other general plan elements affecting the site, if any.

No other general plan elements affect the project.

Is the land mapped as Prime Farmland, Farmland of Statewide Importance, Unique Farmland, or Farmland of Local Importance under the California Department of Conservation's Farmland Mapping and Monitoring Program?
– No. *Skip to the next set of questions.*
X Yes. *Answer the following questions.*

Land Designation	Acres	Currently In Production?
Prime Farmland	**1,500**	**X**
Farmland Of Statewide Importance		**–**
Unique Farmland		**–**
Farmland Of Local Importance		**–**

Is the land affected by the project currently in an agricultural preserve established under the Williamson Act?
– No. *Skip to the next set of questions.*
X Yes. *Answer the following question.*

Is the land affected by the project currently under a Williamson Act contract?
– No. *Skip to the next set of questions.*
X Yes. *Answer the following question.*

Why is the land use proposed consistent with the contract's terms?

Though portions of the ranch will be converted to riparian forest, the ranch will continue to be farmed. Additionally, the riparian areas on the project site will be open–space, allowable under the Williamson Act.

Describe any additional comments you have about the projects land use.