

4.5 PSP Cover Sheet (Attach to the front of each proposal)

Proposal Title: South Napa River Wetlands Acquisition & Restoration Prgm
 Applicant Name: Napa County Land Trust (John Hoffnagle, Exec. Dir.)
 Mailing Address: 1040 Main Street, Suite 203, Napa, CA 94559
 Telephone: (707)252-3270
 Fax: (707)252-1071
 Email: _____

Amount of funding requested: \$ 2,970,000 for 2 years

Indicate the Topic for which you are applying (check only one box).

- | | |
|---|---|
| <input type="checkbox"/> Fish Passage/Fish Screens | <input type="checkbox"/> Introduced Species |
| <input checked="" type="checkbox"/> Habitat Restoration | <input type="checkbox"/> Fish Management/Hatchery |
| <input type="checkbox"/> Local Watershed Stewardship | <input type="checkbox"/> Environmental Education |
| <input type="checkbox"/> Water Quality | |

Does the proposal address a specified Focused Action? yes no

What county or counties is the project located in? Napa County

Indicate the geographic area of your proposal (check only one box):

- | | |
|---|--|
| <input type="checkbox"/> Sacramento River Mainstem | <input type="checkbox"/> East Side Trib: _____ |
| <input type="checkbox"/> Sacramento Trib: _____ | <input type="checkbox"/> Suisun Marsh and Bay |
| <input type="checkbox"/> San Joaquin River Mainstem | <input checked="" type="checkbox"/> North Bay/South Bay: <u>Napa River</u> |
| <input type="checkbox"/> San Joaquin Trib: _____ | <input type="checkbox"/> Landscape (entire Bay-Delta watershed) |
| <input type="checkbox"/> Delta: _____ | <input type="checkbox"/> Other: _____ |

Indicate the primary species which the proposal addresses (check all that apply):

- | | |
|--|---|
| <input type="checkbox"/> San Joaquin and East-side Delta tributaries fall-run chinook salmon | <input type="checkbox"/> Spring-run chinook salmon |
| <input type="checkbox"/> Winter-run chinook salmon | <input type="checkbox"/> Fall-run chinook salmon |
| <input type="checkbox"/> Late-fall run chinook salmon | <input type="checkbox"/> Longfin smelt |
| <input checked="" type="checkbox"/> Delta smelt | <input checked="" type="checkbox"/> Steelhead trout |
| <input checked="" type="checkbox"/> Splittail | <input type="checkbox"/> Striped bass |
| <input type="checkbox"/> Green sturgeon | <input type="checkbox"/> All chinook species |
| <input type="checkbox"/> Migratory birds | <input type="checkbox"/> All anadromous salmonids |
| <input type="checkbox"/> Other: _____ | |

Specify the ERP strategic objective and target (s) that the project addresses. Include page numbers from January 1999 version of ERP Volume I and II:

Delta Smelt (pg. 177), Sacramento Splittail (pg. 177),
Steelhead trout (pg. 178), and the Chinook salmon
(pgs. 177-8). The strategic plan objective for "Natural
Floodplains and Flood Processes" (pg. 43) is directly
addressed by the proposed project.

Indicate the type of applicant (check only one box):

- | | |
|---|--|
| <input type="checkbox"/> State agency | <input type="checkbox"/> Federal agency |
| <input checked="" type="checkbox"/> Public/Non-profit joint venture | <input checked="" type="checkbox"/> Non-profit |
| <input type="checkbox"/> Local government/district | <input type="checkbox"/> Private party |
| <input type="checkbox"/> University | <input type="checkbox"/> Other: _____ |

Indicate the type of project (check only one box):

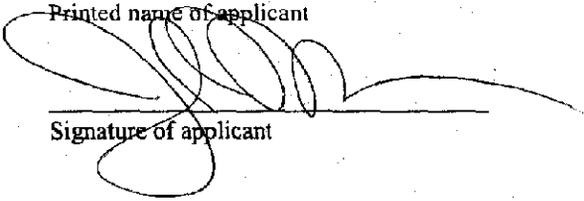
- | | |
|-------------------------------------|--|
| <input type="checkbox"/> Planning | <input checked="" type="checkbox"/> Implementation |
| <input type="checkbox"/> Monitoring | <input type="checkbox"/> Education |
| <input type="checkbox"/> Research | |

By signing below, the applicant declares the following:

- 1.) The truthfulness of all representations in their proposal;
- 2.) The individual signing the form is entitled to submit the application on behalf of the applicant (if the applicant is an entity or organization); and
- 3.) The person submitting the application has read and understood the conflict of interest and confidentiality discussion in the PSP (Section 2.4) and waives any and all rights to privacy and confidentiality of the proposal on behalf of the applicant, to the extent as provided in the Section.

John Hoffnagle

Printed name of applicant



Signature of applicant

I. Executive Summary

Project Title: South Napa River Wetlands Acquisition and Restoration Program

Project Description/Ecological Objectives: The proposed acquisition and restoration of nearly 350 acres of historical wetlands adjacent to the Napa River represents a unique opportunity for restoration of native marshland habitat in the North Bay. The properties proposed for restoration comprise some of the most important potential restoration sites in the San Francisco Bay estuary and will, when restored, improve habitat quality for several federally-listed species, including the Delta smelt and Sacramento splittail. The Plass and Calvo properties (See Exhibit 3) have long been acquisition targets of the Napa County Land Trust and the State Department of Fish and Game (DFG) due to both their importance as historical wetlands and that they are at risk of development and annexation into the City of Napa. Once these lands are acquired, proposed restoration will modify or remove levees and other structural interventions to restore and enhance natural wetland functions. These activities will promote habitat goals specific to this region.

This proposal is the third in a series of proposals related to the larger proposal to acquire and restore over 600 acres. Two prior proposals have been partially approved, providing funding to acquire 150 of these acres.

Justification for Project and CALFED Funding: All of the lowlands proposed for acquisition are immediately adjacent to the DFG's Napa Marsh Project and all are contemplated for acquisition in DFG's current master plan. The proposal focuses on species and habitats whose restoration will result in achieving the CALFED mission to "restore ecological health and improve water management for beneficial uses of the Bay-Delta system..." The CALFED objective of "improving and increasing aquatic and terrestrial habitats and improving ecological functions in the Bay-Delta to support sustainable populations of diverse and valuable plant and animal species" is clearly addressed by this proposal. Furthermore, this project site is located at the "crossroads" of three distinct sources of development pressure - the City of Napa immediately to the north, the City of American Canyon (3 miles to the south) and the Napa Airport Industrial area (1 mile to the southwest), as indicated in Exhibit 1.

No significant detrimental impacts to third parties are anticipated. Important beneficial impacts to the community at large are the most important third party impacts foreseen at this time. Coordination between wetlands acquisitions and the impact of agricultural development on adjacent uplands is an important consideration in the purchase of these wetlands and the final configuration of property lines.

Applicant Qualifications: The Napa County Land Trust (NCLT) seeks to "acquire and preserve natural resources and wildlife areas for the use and enjoyment of present and future generations, to preserve and protect historic sites, to educate the public about the wise use of natural resources and to work with other organizations having similar purposes."

In response to growing development pressures, the NCLT was formed in 1976 by a group of residents who cared about the Napa Valley and shared concerns about the protection of agricultural lands, wetlands, woodlands, watersheds, wildlife habitat, and open space lands that together sustain ecological diversity and a rural way of life. The NCLT is a member-supported, 501(c)(3) non-profit organization with an annual operating budget of \$350,000, funded primarily by membership dues, charitable contributions from individuals, businesses, and foundations, and income from a small

endowment. Working primarily in the private sector, with no ongoing support from any taxing authority or government agency, the NCLT has succeeded in protecting over 11,000 acres of open space and agricultural land to date thanks to dedicated volunteer leadership and financial support from loyal members. Operations are carried out by a 15-member Board of Trustees and a small professional staff.

Approach/Budget/Schedule: As indicated above, this is the 3rd integrated proposal submitted under this program. The initial proposals described a large-scale (over 600-acre) project. Funding has already been provided – in two phases – in the amount of \$1,431,000 (of the original total of \$8+ million requested and of the \$6 million in specific requests made thus far in those two proposals). We have begun implementation by moving forward with the Ghisletta purchase (scheduled to close escrow next month). In the initial proposal, we had proposed a 3-phase approach to this project. In each of the three phases, we propose to acquire property, and ultimately transferring title to DFG once restoration activities were performed on the properties. These activities will include the breaching and/or removal of existing levees and the design and construction of new setback levees along the boundaries between wetlands and uplands, among others. The current proposal, consistent with the overall plan, would provide for the purchase of two of the total of five (5) parcels originally proposed for acquisition. These properties are owned by the Stewart/Plass and Calvo families, and total about 350 acres. The estimated cost to acquire these properties is nearly \$3 million. (See Exhibits 2A, 2B, and 2C).

Project costs are delineated by the two categories of Acquisition & Restoration and Administration, with the latter category including staff time, overhead, and professional services (e.g. appraisers, attorneys, title and escrow fees). It is estimated that the total cost is as follows: Calvo = 204 acres (@ \$5K per acre (est'd)) = \$1,020,000; Plass = 150 acres (@ \$12K per) = \$1.8 million; Restoration activities = \$100,000; Administration = \$50K; Total = \$2.97 million. The estimated proportion of uplands to wetlands (to be confirmed by appraisal) is the cause for the difference in average cost per acre.

Monitoring and Data Evaluation - The California Department of Fish and Game (DFG) will take fee title ownership to the property upon completion of restoration work by the Army Corps of Engineers (Spring/Summer 2001) and will maintain it in perpetuity, providing flood easements on these properties to the Napa County Flood Control and Water Conservation District ("District").

Local Support and Coordination: The proposed CALFED project, while beneficial on its own merits, would also provide a great deal of benefit to the Napa River Flood Protection Project. This project has been redesigned by the U.S. Army Corps of Engineers and the Napa County Flood Control and Water Conservation District, in accordance with the "Living River" principles and parameters articulated by the "Community Coalition for a Napa River Flood Management Plan". It is a notable exception to most concrete-oriented Army Corps projects. In 1995, a Corps project was designed which was soundly rejected by both the Napa community at large and the federal, state, and regional resource agencies (e.g. Bay Area Water Quality Board, State Fish and Game Department, etc.). Since that time, this Coalition was formed, which included representatives of those resource agencies, among many other diverse interests. The process of redesigning the Corps' project to one which is more environmentally-sensitive is complete, and is currently awaiting the certification of the Final Environmental Impact Report /Statement (FEIR/FEIS) under both NEPA and CEQA (May 1999).

II. PROJECT DESCRIPTION

a) Project Description and Approach

This project would acquire approximately 350 acres (in this phase) of diked, historic wetlands along the Napa River for the purpose of restoring estuarine, riparian and aquatic habitat, flood and marsh plain. This proposal targets the primary objectives of the CALFED program by acquiring lands which were historically part of the San Francisco Bay Area wetland system, and which directly influence the survival of several endangered species. These lands are at high risk of conversion to vineyard and/or urbanization, as evidenced by the annexation of the Stanly Ranch property into the City of Napa.

This proposal is presented as the third phase of a 4-phase approach to land acquisition and restoration, as described in our original application (July 1997). However, full funding was not provided in the first two phases, so we have reiterated some of our earlier requests. Specifically, sufficient funds have now been provided for the Ghisletta acquisition (70 acres) and the Giovannoni acquisition (78 acres). We are now requesting funding to acquire the two properties which lie between these first two parcels. These properties are owned by the Stewart/Plass family (APN # 043-103-017) and the Calvo family (APN# 043-103-013). The former property totals nearly 190 acres, of which 150 acres (approximately) would be acquired, while the latter (Calvo) totals 204 acres, all of which would be acquired. As indicated by the Napa River Enhancement Plan and discussed later in this proposal (on page 8), virtually all of these 350 acres would be converted to emergent tidal marsh once this plan is implemented.

Once acquired by the Napa County Land Trust, the title to these properties would be conveyed to the California Department of Fish and Game, along with the responsibility for maintenance thereof, after the restoration work has been completed. As described in the Executive Summary, restoration activities will be undertaken by the Army Corps of Engineers, in partnership with the Flood Control District.

These restoration activities will include planning, design, and construction of setback levees, modification or removal of some existing levees or other structural elements, and, in some locations, the use of earth moving equipment to create a topographic contour more conducive to the creation of emergent marshland habitat. **Current Status:** Calvo – willing seller (wetland delineations and appraisals to be undertaken later this year); Stewart/Plass – discussions are underway (wetland delineations and appraisals will also be necessary).

b) Location of Project

The project location comprises the lower reach of the Napa River south of the City of Napa, where the river is influenced by both fluvial and tidal processes. The boundary of the project area on the north is defined by medium-density residential development on South Newport Drive (City of Napa); to the east by the Napa River itself; and to the South and west by State Highway 29. Adjacent uplands are currently threatened by conversion to vineyard or commercial uses. (See Exhibits I, 2A-C).

The Napa River drains a 426-square mile watershed into San Pablo Bay. The river is fully tidal with an average daily tidal range of 6.6 feet. During the winter, freshwater flows down the river maintain mostly fresh to brackish water conditions while, in the summer months, salinity increases to

approximately 75% that of seawater. Early coast and geodetic survey maps and records indicate that the project area was tidal marshland and the remainder functioned as alluvial floodplain. Levees constructed in the early 1900s isolated the marshlands from tidal inundation and isolated the floodplains from the Napa River. Since that time these lands have been systematically converted to agricultural – mostly hay production - and urban uses with the threat of additional conversion to vineyards or housing imminent.

Much of the proposed project site is currently used for cattle grazing and haying. The majority of the site is mapped as "palustrine farmed wetland" by the National Wetlands Inventory. The Horseshoe Bend property (owned by Giovannoni) is mapped as seasonal wetlands.

e) Proposed Scope of Work

This proposal calls for the acquisition of approximately 350 acres of historic wetlands. Once acquired, the private properties would be restored to their wetland or brackish emergent marsh functions. Restoration activities will include the breaching and/or removal of existing levees and the design and construction of new setback levees along the boundaries between the wetlands and the uplands, thereby allowing natural processes to run their course.

Elements of the scope include the buffering of the wetlands from surrounding land uses (e.g. vineyards, grazing) to minimize their impacts and the creation a continuous buffer zone along the edge between the uplands and the wetlands. The phases will include wetlands delineation, appraisal, planning, feasibility analysis, design, acquisition and restoration. The basic implementation schedule is discussed in Section III, on page 8. We expect that the properties would be acquired and all restoration work completed within two years of the date of this proposal.

Specific tasks and deliverables will include wetland delineation reports, property appraisals and the Napa River Enhancement Plan. Once this is accomplished, design work will proceed to develop the specific restoration plans for each piece of property acquired. Furthermore, documentation of the transfer of title for each parcel will be provided.

III. Ecological/Biological Benefits

The Napa River is widely recognized as an important waterway because it provides critical fish and wildlife habitat. Twenty-five species of fish are known to inhabit the river, including a remnant steelhead and salmon population, as described below. The river has historically had a wide flood plain regularly overflowed by the river channel. Historical maps indicate the dendritic patterns of tidal slough channels and tidal wetlands. Over the last 150 years, the river has been impacted by channel and floodplain encroachments with levees along its entire urban reach. The river channel has been artificially constrained by riprap and concrete rubble and the floodplain narrowed by levees and berms. Riparian vegetation has been removed and exists in a mostly degraded state. Invasive exotic species such as *Arundo donax* and acacias are common.

The natural fluvial geomorphology has also been impacted by upstream reservoirs that have trapped sediments and modified tributary flows. Peak discharges have increased while the development of the basin contributed to increasing the river channel depth, bank heights and instability. Channel deepening - in conjunction with the artificial raising of banks with berms and levees - appears to be the primary change in morphology over time.

While the plan form of the river has remained largely intact over the past 150 years,, a meander cutoff was constructed at Horseshoe Bend (See Exhibit) in the 1940s to improve navigation. This has created a depositional environment within the Bend. The tidal sloughs in the project area are filled or cut off from tidal flows with berms and dikes and the wetlands have been drained with ditches and farming. Urban and cattle-based runoff contribute nutrients and silt to the system. In summary, the following factors impact the project area:

- Hydrologic isolation of the flood and marsh plains
- The physical isolation of the flood and marsh plains
- Alteration of fluvial and tidal slough channel forms
- Elimination of slough channels
- Loss of seasonal floodplain wetlands and tidal brackish wetland flora and fauna
- Loss of riparian zones
- Increased nutrient inputs
- Increased water temperatures
- Introduction of exotic plant species
- Land use changes and impacts to river channels, floodplains and tidal wetlands

Priority Species and Habitats Benefited By Project

This project will make it possible for these target wetlands to be restored to several of CALFED's designated priority habits, including: seasonal wetland habitats within floodplains; instream aquatic habitat of the Napa River; riparian habitat; and saline emergent wetlands habitat in the tidal brackish marsh. These lands have also been identified by DFG as high priority for acquisition because of their regional importance to the species listed among CALFED's priorities. The following species and populations have been identified within the proposed project area by DFG:

CALFED Priority Species and Populations: Fall/Winter/Spring Run Chinook Salmon; Delta Smelt; Sacramento Splittail; Steelhead trout; Sturgeon;

Endangered Species: California Black Rail; Saltmarsh Harvest Mouse; Mason's Lilaeopsis; Delta Tule Pea;

Other Species: Stupid Bass; Longfin Smelt; Migratory birds; wildfowl; shore birds; neotropical riparian birds.

The ERRP refers to the Strategic Objectives and Targets for the Delta Smelt (pg. 177), the Sacramento splittail (pg. 177), the Steelhead Trout (pg. 178) and the Chinook Salmon (pgs. 177-8), all of which would be addressed by the proposed project. Additionally, special status and candidate species under the federal Endangered Species Act that potentially occur on this site include:

California freshwater shrimp (endangered);
 American peregrine falcon (endangered);
 California red-legged frog (candidate);
 Contra Costa goldfields (candidate); and
 20 other species of special status under the California Endangered Species Act.

The Giovannoni property (funded by 2nd phase) is known to support a heron/egret rookery within the trees adjacent to the Napa River. Long-term benefits will accrue to these species and populations as a result of the restoration of these properties. We believe that, due to the commitment of the Department of Fish and Game to hold these lands in perpetuity, these long-term benefits are virtually guaranteed.

Benefits to Other Ecosystem Programs

The U.S. Army Corps of Engineers will be a partner in the restoration of these lands. Although this project is proposed as an independent ecosystem restoration project, both the Flood Control District and the Army Corps agree that the restoration of the flood and marsh plains would have quantifiable flood damage reduction benefits for the City of Napa just upstream. Therefore, this restoration is planned as a feature of the Corps project, although not entirely funded through the federal authorization. Federal and State resource agencies regard the Napa River/Napa Creek Flood Protection Project as a national model for engaging the Army Corps in less destructive methods of reducing flood damages. Therefore, this project also offers "preventative" benefits on a national scale. Please note that the ERPP identifies its Strategic Plan Objective for "Natural Floodplains and Flood Processes" (pg. 43) as to "re-establish frequent inundation of floodplains by removing, breaching, or setting back levees and, in regulated rivers, by providing flow releases capable of inundating floodplains". This description applies perfectly to our proposal.

The basic hypothesis underlying the environmental aspects of the flood protection project is that the creation of a floodplain terrace at an appropriate elevation would – in the presence of appropriate soil types – induce the development (or restoration) of seasonal wetlands and emergent tidal marsh in these areas. This, in turn, would encourage vegetative types to develop and attract target species of fish and wildlife.

Match with CALFED Ecological Non-Ecosystem Objectives

The Napa River is the second largest fresh water source for San Francisco Bay (behind the contribution of the Sacramento and San Joaquin Rivers) and supplies 14% of the freshwater for the Bay. It is designated by the San Francisco Bay Area Regional Water Quality Board as a watershed of

special significance because of its ecological significance and importance to the Bay. The River is listed by the federal government as an "Impaired Water Body" because of sediment and nutrient overloading. Napa County has established a Watershed Assessment District in collaboration with the Resource Conservation District and California Conservation Corps.

This project would provide for restoration of historic tidal marsh and floodplains, and will provide habitat for indigenous special status and other forms of aquatic life, consistent with the San Francisco Bay Plan.

The degradation of the wetland environment from its historical condition and the significance of the Napa River and its environs to San Francisco Bay and species and populations of concern establish the need for this project. Underlying this situation is the crisis condition of imminent threats to these resources which surfaced after the 1995 floods on the Napa River. This project would make it possible to have these lands restored to several of CALFED's priority habitats, including seasonal wetland habitats within floodplains, instream aquatic habitat of the Napa River, riparian habitat, and saline emergent wetlands habitat in the tidal brackish marsh.

Resource agencies, however, indicated that a flood control project such as the one proposed by the Army Corps in 1995 would further destabilize the fluvial geomorphology and dynamics of the river and its associated brackish wetlands, alter the river velocities and discharges, sediment transport rate, channel geometry and stream bank conditions. Modification of the river hydrology and hydraulics, in turn, would alter the tidal prism and affect salinity gradients. This project was determined to result in losses to intertidal habitat, mud flats, sloughs and freshwater riparian resources. The cumulative impacts were determined to result in significantly degraded water quality in the river, impacting dissolved oxygen, increasing nutrient and total suspended sediment loadings and water temperatures, with the ultimate loss of the function of the river as an ecosystem of geographic significance.

In response to this proposed Army Corps plan, the community formed its Coalition, as mentioned above. The resulting plan has multiple benefits, environmental, flood protection, and recreational in nature. The inclusion of the Napa River Enhancement Plan in the Flood Protection Project will provide quantifiable benefits, including the creation of more than 400 acres of brackish emergent marsh and the enhancement of over 100 acres of seasonal wetlands, in the area of the proposed project alone. Of the 350 acres proposed for acquisition in this particular application, virtually all of it would become brackish emergent marsh.

The California Fish and Game Department will use a system of adaptive management to help guide the restoration process. The monitoring of sediment transport, deposition, and plant community recolonization will be central to this effort. Consultant reports indicate that a number of wetland habitat restoration alternatives exist for the site including: seasonal wetland using precipitation and local surface runoff; freshwater emergent wetlands; brackish water emergent wetlands, tidal wetlands, riparian woodland bordering the Napa River, and native upland shrub habitats.

As mentioned in the Executive Summary, the EIR/EIS for the Flood Project will be certified this spring. The proposed acquisition process will begin this summer (contingent upon grant approval) with a wetlands delineation (completed in September), property appraisals (completed in November), the development of purchase and sale agreements (completed by January 2000), and close of escrow (by end of February). Restoration work by the Corps and/or the Flood Control District will begin by the summer of 2000, with the ultimate conveyance to DFG to occur in 2001.

IV. Technical Feasibility and Timing

The Napa County Land Trust is acting as the lead organization for this project due to its successful experience in similar projects in Napa County, such as the acquisition of the Bull Island for the Division of State Lands, which is now managed by DFG. The Land Trust has determined that the proposed acquisitions are properties owned by sellers who have expressed a willingness to proceed with negotiations.

With regard to the Flood Control Project, the Final Environmental Impact Report and Statement (EIR/EIS) are scheduled for certification in May 1999. At that time, the Flood Control District and the Corps of Engineers will execute a "Project Cooperation Agreement", which will provide a greater level of detail regarding acquisition of property and construction related to the project. It is estimated that the acquisition of lands, which would begin at the southern end of the (flood) project area (which coincides with the project site of this proposal) would begin in the Summer of 1999, as indicated on the previous page.

Compliance with various regulations, including primarily the California Environmental Quality Act (CEQA), will be required. However, the acquisition of these properties is "categorically exempt" under Class 13 (14CAL, Code of Regulations Section 15313). Any restoration activities, however, are not so exempted and would require a "Negative Declaration". Furthermore, permits would be required from Department of Fish and Game (DFG) for certain activities, including any channel altering activities. Nevertheless, given DFG's participation in this process as the ultimate property owner and the fact that the proposed project itself is essentially "self-mitigating", no problems are foreseen on this front.

In order for the construction work (to be undertaken by the Corps of Engineers) to proceed, the Flood Control District and Corps will jointly obtain a Section 401(b) water quality certification from the Bay Area Regional Quality Control Board, anticipated during the second half of 1999. In order to be able to subdivide the Stewart/Plass property (and the Ghisletta in the initial proposal), the County Flood Control District – in partnership with the Land Trust – would initiate the acquisition process in order to utilize its exemption (public agency) from the Subdivision Map Act. Furthermore, Napa County has a minimum lot size of 160 acres in its unincorporated area, including these properties. In that case, we would be unable to acquire only portions of these properties without the participation of the Flood Control District.

Utilizing funding from the California Coastal Conservancy, the Napa County Flood Control District contracted with Philip Williams & Associates of San Francisco for the development of the "Napa River Enhancement Plan", which focuses on a 600-acre area (proposed project site), identifying flood restoration and habitat improvement alternatives for this area. These recommended enhancement alternatives are based on an understanding of the key physical processes involved in such an environment, how these processes have been interrupted by human interventions (e.g. levee construction), how these interventions could be eliminated or modified to restore or enhance natural wetland and flood plain functions, and how these proposed measures will impact flooding and benefit fish and wildlife. This Enhancement Plan was completed in November, 1997 (and supplemented in 1998), the results of which provide quantification of the benefits of the proposed project.

V. Monitoring and Data Collection Methodology

The California Department of Fish and Game will manage and monitor the lands purchased under this proposed grant. The environmental factors which will require monitoring include: the recolonization of native plant species on the graded flood and marsh plains; the survival of planted and volunteer riparian plant species, the return of tidal flows in restored slough channels; the return of overbank river flows onto the floodplain and the extent and rate of sedimentation of the floodplain.

The Department will also be interested in recording the return of the presence of flora and fauna, including common species, species and populations of concern, and federal and state rare and endangered species and candidates for State and federal listings.

The monitoring will be coordinated with the Flood Control District. Any excessive sedimentation which might impact either the ecological restoration objectives and/or water conveyance in the floodplain will be addressed in the construction phase of the (flood control) Project. As part of the Flood Control Project – coinciding with this proposed project – an Operations and Maintenance manual will be produced which will include a vegetation establishment and monitoring plan, along with other components, which will guide the monitoring process. It will also establish decision criteria and corrective actions, when necessary, to assure that the proposed habitat will thrive in perpetuity. Unlike conventional Corps projects, this O&M Manual is being developed by a broad-based work group, which includes representation from both State and Federal resource agencies (RWQCB, DFG, EPA, etc.) as well as the flood control district and the Corps. This should assure the inclusion of parameters which will reflect the project's environmental concerns as well as its flood protection concerns. Furthermore, the inclusion of such items will be a condition of the issuance of the water quality certification mentioned in Section IV of this proposal. Some of the decisions to be made by this group for the O&M Manual include the duration, frequency, and location of samples (with regard to vegetation establishment, sediment transport and deposition), as well as the report frequency (at least annually), format, and content to be provided. Furthermore, specific corrective actions (if necessary) will be recommended. The answers to these questions are currently being developed and should be completed by Summer 1999.

An adaptive management and performance-based management system will address sediment removal needs, in marked contrast with the conventional practice of flood control districts and Army Corps projects in which routine maintenance activities are conducted without a system of monitoring actual sedimentation rates and changes in flood plain elevation.

Please note that the ERPP identifies its Strategic Plan Objective for "Natural Floodplains and Flood Processes" (pg. 43) as to "re-establish frequent inundation of floodplains by removing, breaching, or setting back levees and, in regulated rivers, by providing flow releases capable of inundating floodplains". This description applies perfectly to the Flood Control project as its basic hypothesis. The basic hypothesis underlying the proposed project (coinciding with the environmental aspects of the flood protection project) is that the creation of a floodplain terrace at an appropriate elevation would – in the presence of appropriate soil types – induce the development (or restoration) of seasonal wetlands and emergent tidal marsh in these areas. This, in turn, would encourage vegetative types to develop and attract target species of fish and wildlife. See Table 1 on the following page for additional detail.

Table 1 – Monitoring and Data Collection Information

Hypothesis	Monitoring Parameters	Data Evaluation App.
1. Creation of flood-plain terrace will induce development of seasonal wetlands & emergent marsh	Soil testing, appropriate elevation of terrace, and establishment of the required hydrology for these environments.	Chemical analysis of soil, modeling of flood plain terrace hydraulics, visual inspection of area at high tide.
2. These conditions will encourage the desired vegetation to develop.	Visual evaluation on a periodic basis to determine type and extent of proper vegetation.	Use of expertise from DFG and other agencies to determine the adequacy and appropriateness of vegetation.
3. Such vegetation will attract target species of fish and wildlife and allow them to thrive.	Periodic evaluation of the presence of target species of fish and wildlife.	Same as #2

VI. Local Involvement

The Napa County Land Trust has notified the Napa County Board of Supervisors (and its Planning and Public Works directors) of our intent to proceed with this project. The County, through its Flood Control and Water Conservation District, is one of our partners in this proposal. The letter of intent is attached as Exhibit .

The nature of the public outreach and involvement in the Napa River Community Planning process is generally agreed to be virtually unprecedented in California river planning. Early in the process, it was determined that no plan for the Napa River would be feasible without the political support of a broad array of stakeholders. The Napa River Wetland Restoration Project for which this proposal seeks funding is a broadly-supported feature of the Napa River Community Plan. Consensus-building planning sessions were conducted by Moore, Iacafano and Goltsman, a Berkeley consulting firm that specializes in community involvement. Plans have been developed with the participation of ten federal and state agencies and twenty-two community groups.

Because the regulatory agencies have been participants in the planning process, we believe that they are more likely to support the resulting plan. The Napa River Wetland Restoration project (as articulated in the enclosed Enhancement Plan) has become a part of the General Design Memorandum and Final Supplemental Environmental Impact Statement/Report for the Napa River flood protection project.

The Napa River Community Plan is being coordinated with other Napa County and North Bay plans. The Napa County Resource Conservation District, which has been an active member of the planning process, is coordinating its plans for Napa River riparian restoration, set back levees, flood plain easements, native grasses and plan community restoration and stormwater management on upper watershed tributaries with the lower watershed plans.

This coordination of the upper and lower watershed enhancement and restoration efforts will produce cumulative benefits for stormwater management moderation of the frequent, low-to-moderate flood events, sediment reduction and habitat improvement and water quality benefits. Meetings have been held to coordinate efforts among the Napa County Resource Conservation District, the North Bay Cargill Wetland restoration project, the American Canyon acquisition and wetland restoration project, Cullinan Ranch tidal restoration and Sonoma Creek floodplain and wetlands acquisition and restoration and *this* proposed project.

The landowners of these two properties, as well as those adjacent who have been subjects of prior CALFED proposals, have all been involved in the discussions and the planning process for this area. As part of the implementation of the first phase of this project (Ghisletta acquisition), all property owners within 300 feet were notified by the County Department of Conservation, Planning, and Development of the intended acquisition (and subdivision) of that parcel. A public hearing was held by the County Planning Commission subsequent to that notice, at which time no public comments were made on the issue.

VII. Costs

As indicated in the Executive Summary, we propose to acquire two adjacent parcels of real property along the Napa River, adjacent two the two parcels previously funded for acquisition under this program. These activities are summarized in Section II. Project costs are delineated in two ways - first, "Acquisition & Restoration", and second, "Administrative", with the latter category including staff time, overhead, and professional services (e.g. appraisers, attorneys, title and escrow fees, etc.)

Project costs are delineated by the two categories of Acquisition & Restoration and Administration, with the latter category including staff time, overhead, and professional services (e.g. appraisers, attorneys, title and escrow fees). It is estimated that the total cost is as follows:

Calvo (204 acres @ \$5K per acre (est'd))	= \$1,020,000
Plass (150 acres @ \$12K per acre (est'd))	= \$1,800,000
Restoration activities	= \$ 100,000
<u>Administration</u>	<u>= \$ 50,000</u>
Total	= \$2,970,000

*Note: The estimated proportion of uplands to wetlands (to be confirmed by appraisal) is the cause for the difference in average cost per acre.

The schedule for completion of activities is as follows:

Grant award and contract execution – July/August 1999
 Contract issued/work completed for wetlands delineation – September 1999
 Contract issued for property appraisals – October 1999
 Appraisals completed – November/December 1999
 Negotiations with property owners and Flood Control District (for conveyance and maintenance easements) completed – December/January 2000
 Purchase and Sale Agreements executed/escrow opened – January/February 2000
 Close of escrow – March 2000
 Restoration work – Summer 2000
 Title conveyed to Department of Fish and Game – 2001
 Monitor and Evaluate Restoration Plan - ongoing

Payments would be requested to coincide with the obligations listed above. The primary funding request, in the estimated amount of \$2.8 million, would coincide with the opening of escrow in January or February of 2000. The request for \$100,000 in restoration funding would be submitted after the close of escrow on both properties, in the Spring of 2000 (perhaps over two quarters). Administrative funds (\$50,000) would be requested incrementally - initially, in an estimated amount of \$15,000 in September to cover the costs of wetlands delineations, appraisals and the basic costs of administration for the first quarter. Subsequently, on a quarterly basis over a 15-month period, the remaining administrative funds would be requested at a rate of approximately \$7,000 per quarter, as indicated in Table 2 on the following page.

Table 2 – Quarterly Budget (*Note: Q1 is October-December, 1999; Q6 January-March, 2001)

Task	Q1*	Q2	Q3	Q4	Q5	Q6	Total
Acq./Rest.	- 0 -	2,820,000	50,000	50,000	- 0 -	- 0 -	2,920,000
Admin/PM	15,000	7,000	7,000	7,000	7,000	7,000	50,000
Total	15,000	2,827,000	57,000	57,000	7,000	7,000	2,970,000

Table 3 – Total Budget

Task	Direct Labor Hrs.	Salary & Benefits	Service Contracts	Acquisit'n Costs	Miscell. Costs	O'head & Indirect	Total Costs
Acquisit'n			8,000	2,820,000			2,828,000
Restorat'n			100,000				100,000
PM Task	1000(hrs)	\$ 24,000		5,000	8,000	5,000	42,000

*Note: Direct Labor Hours over an 18-month to 24-month period.

VIII. Cost Sharing

As described earlier, this project is being planned in conjunction with the Napa River Flood Protection Project and in cooperation with the Napa County Flood Control District and the U.S. Army Corps of Engineers, the partners in that project. The District and the Corps are equal partners in the cost of that project. The District is primarily responsible for property acquisition, relocations, bridge and utility replacements while the Corps is primarily responsible for the excavation of flood plain and marsh plain terraces and the construction of flood walls and levees. Each party will pay for all of the costs of the items that they are responsible for, with annual reimbursements scheduled to assure that neither party pays more than its fair share.

While the Corps has long had a federal authorization for this project and now has a Congressional appropriation to support that, the County had to rely on a ballot measure for a ½-cent sales tax, which passed by a 68% vote in March 1998. While this sales tax is expected to generate \$120 million over its 20-year life, \$40 million of this amount is dedicated to smaller projects in other Napa County municipalities. The remaining \$80 million is required to pay for both project costs and the debt service on the \$48 million sales tax revenue bond issue which is anticipated for later this year. The reason for the bond issue is the fact that most of the costs on the County's side of the ledger will be generated in the first 3 years of the project, those being primarily land acquisition costs. The revenue stream generated by the sales tax won't allow those expenditures to occur in a timely manner, hence the need for the cash infusion by the bond issue. Nevertheless, since the County's share of the cost of the Flood Control Project is expected to exceed \$90 million, other funding sources are required. The most likely sources are State and Federal grants for land acquisition and habitat restoration, given the environmental benefits of that project. Such grants are anticipated from the California Coastal Conservancy, the Federal Emergency Management Agency, and the State Lands Commission, as well as CALFED (which has already provided \$1.4 million).

Given the federal cost sharing nature of the flood control project, the applicant requests that any funding provided in response to this proposal be made using State (rather than federal) funds, if at all feasible.

IX. Applicant Qualifications

The Napa County Land Trust is acting as the lead organization for this project due to its successful experience with similar projects in Napa County, such as the acquisition of the Bull Island wetlands. The Trust has determined that the acquisitions proposed herein are properties whose owners have expressed a willingness to proceed with negotiations, appraisals and legal review necessary to effect these transactions

The mission of the Napa County Land Trust (NCLT) is to “acquire and preserve natural resources and wildlife areas for the use and enjoyment of present and future generations, to preserve and protect historic sites, to educate the public about the wise use of natural resources and to work with other organizations having similar purposes.”

In response to growing development pressures, the NCLT was formed in 1976 by a group of residents who cared about the Napa Valley and shared concerns about the protection of agricultural lands, wetlands, woodlands, watersheds, wildlife habitat, and open space lands that together sustain ecological diversity and a rural way of life. The NCLT is a member-supported, 501(c)(3) non-profit organization with an annual operating budget of \$350,000 funded primarily by membership dues, charitable contributions from individuals, businesses, and foundations, and income from a small endowment fund.

Working primarily in the private sector, with no ongoing support from any taxing authority or government agency, the NCLT has succeeded in permanently protecting over 13,000 acres of open space and agricultural land to date thanks to dedicated volunteer leadership and financial support from loyal members. Operations are carried out by a 15-member Board of Trustees, which serves without compensation, various committees, and a small professional staff.

The individual responsible for the coordination of the CALFED proposal will be John Hoffnagle, NCLT Executive Director. His qualifications are as follows: B.S. Biology University of Oregon (1976), MFS Yale School of Forestry (1978); Oregon Land Steward - The Nature Conservancy (1979-1984); Director of Development - Greenbelt Alliance (1987-1989); Administrative Director - Tropical Resources Institute (1984-86), Yale School of Forestry; board member Strong Foundation for Environmental Values. He also serves on the Bay Area Open Space Council and is a regular speaker at regional and national land trust conferences and workshops. Mr. Hoffnagle has experience in all phases of open space real estate acquisition including fee simple gifts, estate planning, and market purchases. Mr. Hoffnagle had an undergraduate emphasis in estuarine ecology and was the recipient of an interdisciplinary National Science Foundation grant in 1976 to study the biological and social aspects of wetland preservation. He is the author of five publications regarding salt marshes and their ecological function including Estimates of Vascular Plant Primary Production in a West-Coast Saltmarsh Estuarine Ecosystem in Northwest Science (Vol. 54, 1980). This research was the first to look at the productivity of salt marshes on the Pacific Coast.

The NCLT has successfully completed twelve **AGENCY PRE-ACQUISITION** projects to date, as follows:

- **WHITE SLOUGH MARSH** - 38-acre tidal marsh transferred to Department of Fish and Game (1978).

- ◆ DALE PETERS CLYDE RESERVE - 40-acre forest conveyed to Napa College for environmental studies (1979).
- ◆ PALISADES-SWARTZ CANYON - 120-acres acquired in 1981. To be transferred to RLS State Park July 1997.
- ◆ ZINFANDEL PARK - Homeowner's neighborhood park established in 1985 for the City of St. Helena.
- ◆ QUAIL RIDGE WILDERNESS PRESERVE - Over 500 acres of rare habitat at Lake Berryessa conveyed to UC Reserve System via Wildlife Conservation Board and Quail Ridge Wilderness Conservancy.
- ◆ PATTEN MT. ST. HELENA MINE - Historic 25-acre mine, site of Robert Louis Stevenson's honeymoon cabin and subject of the popular novel Silverado Squatters, transferred to RLS State Park in 1988.
- ◆ MONTESOL - In 1994 the NCLT worked with a willing landowner to transfer 300-acres to RLS State Park.
- ◆ TABLE ROCK - In 1994 the NCLT transferred a spectacular 150-acre landmark formation to RLS State Park.
- ◆ BULL ISLAND - 109-acres wetland and the most recent agency pre-acquisition. In 1997 the NCLT worked closely with Department of Fish and Game to permanently protect this tidal wetland. Funds were secured from the State Lands Commission, Napa Wildlife Commission, and private donations. Property was transferred to State Lands Commission.
- ◆ PALISADES TRAIL - 540-acre addition to RLS State Park in the final stages of completion. A spectacular trail corridor that will connect Mt. St. Helena to the historic Oat Hill Mine Road and eventually allow for the construction of a trail from Calistoga to the summit of Mt. St. Helena. Escrow to close in July of 1997.

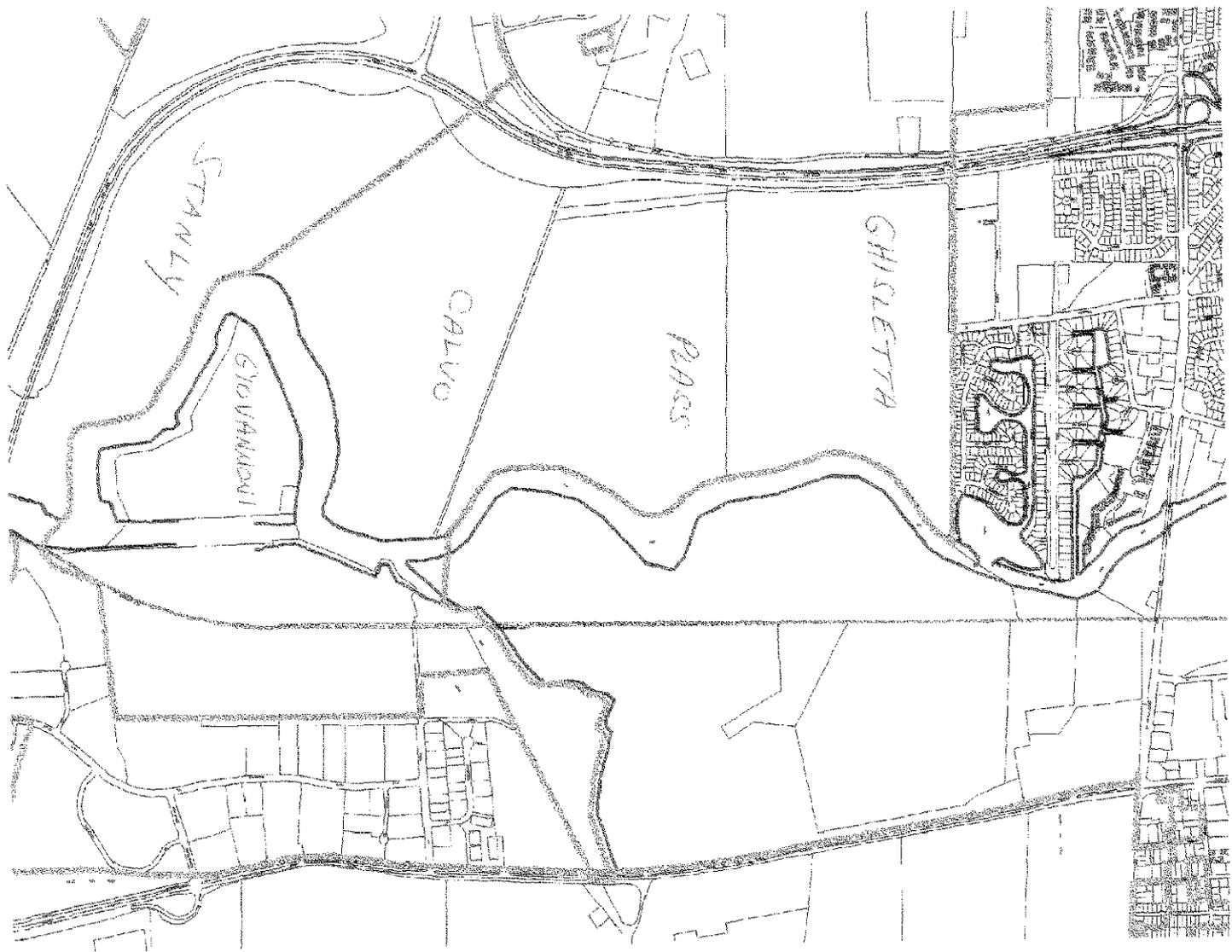
The NCLT works with willing landowners in three ways to protect agricultural and open space lands permanently by 1) **ACCEPTING OUTRIGHT DONATIONS** - *owned by the NCLT and slated to remain as such permanently*, 2) **CREATING CONSERVATION AGREEMENTS** - *lands that remain in private ownership but are subject to deed restrictions which limit future development*, and 3) **AGENCY PRE-ACQUISITION** - *lands that will be or have been transferred to a governmental agency or another nonprofit organization*.

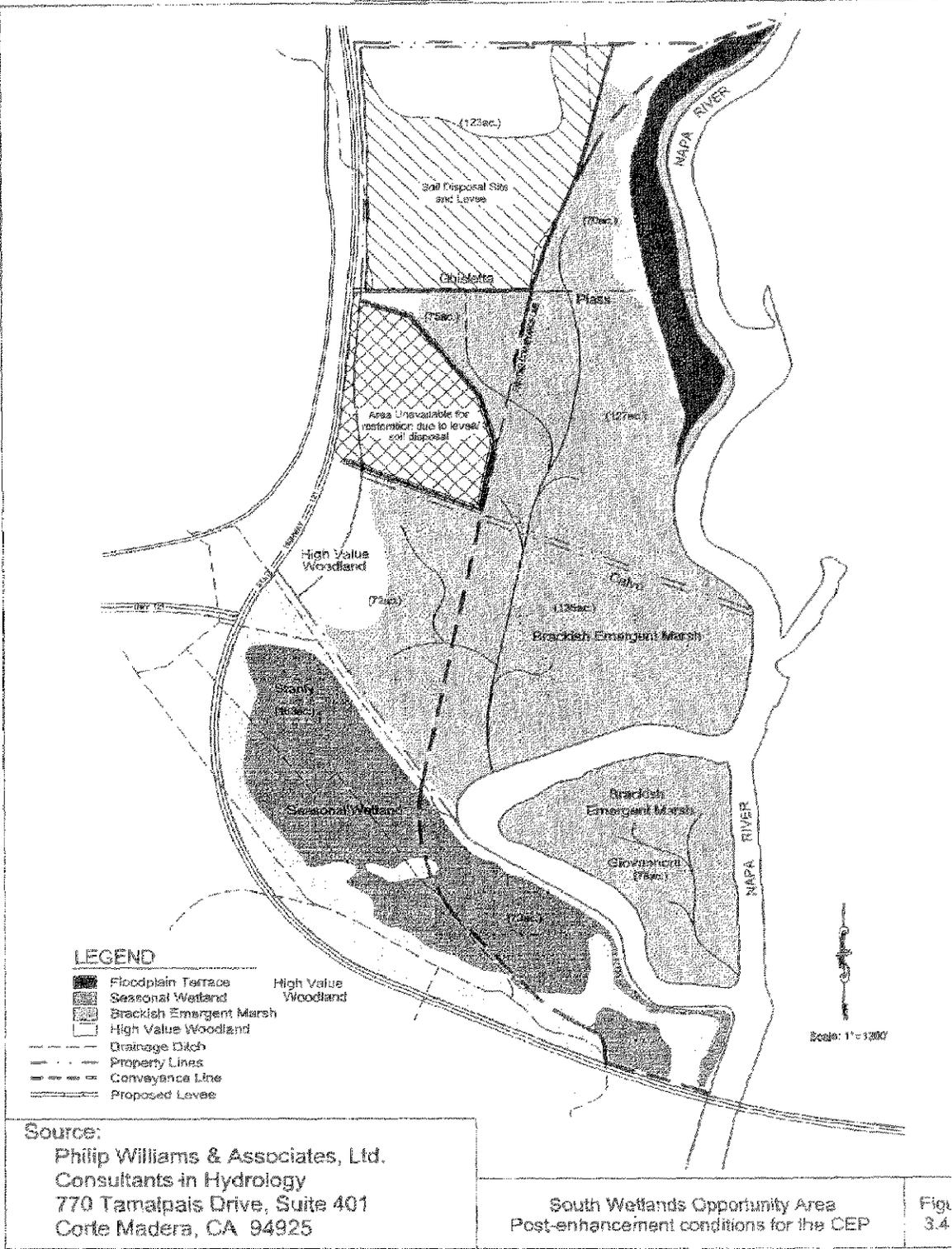
The NCLT's major focus of activity is within the boundaries of Napa County which encompasses over 500,000 acres of unique and diverse terrain. The NCLT also holds conservation easements on properties in 3 neighboring counties as well. NCLT has also aided the new Lake County Land Trust with its initial organization and continues to advise them when requested.

With an active Board of Trustees and over 1,200 members, the NCLT now manages 2,000 acres in four permanent preserves and holds conservation agreements on over 10,000 acres donated by private landowners. On three of the permanent preserves the NCLT is presently implementing restoration ecology programs. A riparian restoration program to improve fish habitat on Redwood Creek is being developed at the 380-acre Archer Taylor Preserve. A native oak planting program is underway at the 730-acre Wantrup Wildlife Sanctuary in Pope Valley. On a 12-acre preserve within the city limits of Napa the NCLT has established the "Connolly Ranch Agricultural and Environmental Elementary Education Center" which serves as the site for a number of collaborative educational programs with the school district and other community organizations.

X. COMPLIANCE WITH STANDARD TERMS AND CONDITIONS

As per Table D-1 "Standard Contract Clauses and Related Proposal Submittal Requirements", the Napa County Land Trust, a 501(c)(3) nonprofit organization, hereby submits its "Nondiscrimination Compliance Statement", attached as Exhibit 4. This Statement is consistent with the policies of the Land Trust.





Source:
 Philip Williams & Associates, Ltd.
 Consultants in Hydrology
 770 Tamalpais Drive, Suite 401
 Corte Madera, CA 94925

South Wetlands Opportunity Area
 Post-enhancement conditions for the CEP

Fig. 3.4



LOCAL NON-PROFIT, NON GOVERNMENTAL LAND CONSERVATION SINCE 1976

April 14, 1999

Napa County Board of Supervisors
1195 Third Street
Napa, CA 94559

Intent to submit proposal to CALFED Ecosystem Restoration Program

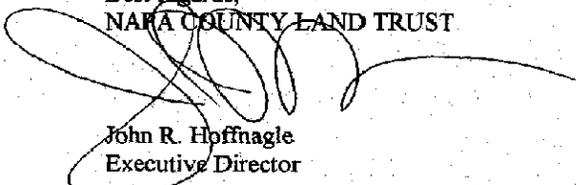
Dear Board of Supervisors:

As part of our ongoing work with the Napa County Flood Control and Water Conservation District, the Land Trust is currently applying for a third grant from the CALFED Ecosystem Restoration Program to acquire property south of Imola Avenue that will be restored as wetlands and ownership transferred to the State Department of Fish and Game.

In two previous CALFED grants the Land Trust has received funds from the U.S. Bureau of Reclamation for \$1,000,000 and the U.S. Fish and Wildlife Service for \$435,000 to acquire and restore properties in the South Wetland Opportunity Area. We are currently moving ahead on these acquisitions. In this current proposal we are requesting funds to acquire two more parcels south of Imola Avenue to further the implementation of the restoration program.

I look forward to continuing our work with you and Napa County in making the Living River Strategy one that we can look back on in 10 years and see as one of the most positive parts of our work. Please contact me if you need more information.

Best regards,
NAPA COUNTY LAND TRUST



John R. Hoffnagle
Executive Director

cc: Ken Johanson, Director, Public Works
Jeffrey Redding, Director, Conservation, Development and Planning

NONDISCRIMINATION COMPLIANCE STATEMENT

STD. 19 (REV. 3-95) FMC

COMPANY NAME

NAPA COUNTY LAND TRUST

The company named above (hereinafter referred to as "prospective contractor") hereby certifies, unless specifically exempted, compliance with Government Code Section 12990 (a-f) and California Code of Regulations, Title 2, Division 4, Chapter 5 in matters relating to reporting requirements and the development, implementation and maintenance of a Nondiscrimination Program. Prospective contractor agrees not to unlawfully discriminate, harass or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, disability (including HIV and AIDS), medical condition (cancer), age, marital status, denial of family and medical care leave and denial of pregnancy disability leave.

CERTIFICATION

I, the official named below, hereby swear that I am duly authorized to legally bind the prospective contractor to the above described certification. I am fully aware that this certification, executed on the date and in the county below, is made under penalty of perjury under the laws of the State of California.

OFFICIAL'S NAME

John Hoffnagle

DATE EXECUTED

EXECUTED IN THE COUNTY OF

Napa, California

PROSPECTIVE CONTRACTOR'S SIGNATURE

PROSPECTIVE CONTRACTOR'S TITLE

Executive Director

PROSPECTIVE CONTRACTOR'S LEGAL BUSINESS NAME

Napa County Land Trust

**APPLICATION FOR
FEDERAL ASSISTANCE**

OMB Approval No. 0348-0043

1. TYPE OF SUBMISSION: Application <input type="checkbox"/> Construction <input checked="" type="checkbox"/> Non-Construction		Preapplication <input type="checkbox"/> Construction <input type="checkbox"/> Non-Construction	2. DATE SUBMITTED April 15, 1999	Applicant Identifier
			3. DATE RECEIVED BY STATE	State Application Identifier
			4. DATE RECEIVED BY FEDERAL AGENCY	Federal Identifier
5. APPLICANT INFORMATION				
Legal Name: <u>Napa County Land Trust</u>			Organizational Unit:	
Address (give city, county, State, and zip code): 1040 Main Street, Suite 203 Napa, CA 94559 (Napa County)			Name and telephone number of person to be contacted on matters involving this application (give area code) (707)252-3270 John Hoffnagle, Executive Director	
6. EMPLOYER IDENTIFICATION NUMBER (EIN): 94 2315096			7. TYPE OF APPLICANT: (enter appropriate letter in box) <input checked="" type="checkbox"/> N	
8. TYPE OF APPLICATION: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision If Revision, enter appropriate letter(s) in box(es) <input type="checkbox"/> <input type="checkbox"/> A. Increase Award B. Decrease Award C. Increase Duration D. Decrease Duration Other(specify):			A. State H. Independent School Dist. B. County I. State Controlled Institution of Higher Learning C. Municipal J. Private University D. Township K. Indian Tribe E. Interstate L. Individual F. Intermunicipal M. Profit Organization G. Special District N. Other (Specify) <u>non-profit org</u>	
			9. NAME OF FEDERAL AGENCY: CALFED	
10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: TITLE:			11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: South Napa River Wetlands Acquisition and Restoration Program - proposed acquisition of 350 acres of farmed seasonal wetlands, restoring to marshland habitat	
12. AREAS AFFECTED BY PROJECT (Cities, Counties, States, etc.): Napa County				
13. PROPOSED PROJECT		14. CONGRESSIONAL DISTRICTS OF:		
Start Date 8/99	Ending Date 8/01	a. Applicant Mike Thompson		b. Project Mike Thompson
15. ESTIMATED FUNDING:		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?		
a. Federal	\$ 2,970,000 ⁰⁰	a. YES. THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON: DATE _____		
b. Applicant	\$ ⁰⁰	b. No. <input type="checkbox"/> PROGRAM IS NOT COVERED BY E. O. 12372 <input checked="" type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW		
c. State	\$ ⁰⁰	17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT? <input type="checkbox"/> Yes If "Yes," attach an explanation. <input checked="" type="checkbox"/> No		
d. Local	\$ ⁰⁰			
e. Other	\$ 75,000 ⁰⁰			
f. Program Income	\$ ⁰⁰			
g. TOTAL	\$ 3,045,000 ⁰⁰			
18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT, THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.				
a. Name of Authorized Representative John Hoffnagle		b. Title Executive Director		c. Telephone Number (707)252-3270
d. Signature of Authorized Representative				e. Date Signed April 14, 1999

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Standard Form 424 (Rev. 7-97)
Prescribed by OMB Circular A-102

PART E: Certification Regarding Lobbying
Certification for Contracts, Grants, Loans, and Cooperative Agreements

CHECK IF CERTIFICATION IS FOR THE AWARD OF ANY OF THE FOLLOWING AND THE AMOUNT EXCEEDS \$100,000: A FEDERAL GRANT OR COOPERATIVE AGREEMENT; SUBCONTRACT, OR SUBGRANT UNDER THE GRANT OR COOPERATIVE AGREEMENT.

CHECK IF CERTIFICATION IS FOR THE AWARD OF A FEDERAL LOAN EXCEEDING THE AMOUNT OF \$150,000, OR A SUBGRANT OR SUBCONTRACT EXCEEDING \$100,000, UNDER THE LOAN.

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

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

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

As the authorized certifying official, I hereby certify that the above specified certifications are true.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL

TYPED NAME AND TITLE

DATE

BUDGET INFORMATION - Non-Construction Programs						
Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. LAND ACQUISITION		\$	\$	\$ 2,820,000	\$	\$ 2,820,000
2. HABITAT RESTORATION				100,000	50,000	150,000
3. ADMINISTRATION				50,000	25,000	75,000
4.						
5. Totals		\$	\$	\$ 2,970,000	\$ 75,000	\$ 3,045,000
6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)	
	(1) acquisition	(2) restoration	(3) administr.	(4)		
a. Personnel	\$ 0	\$ 0	\$ 20,000	\$	\$ 20,000	
b. Fringe Benefits	0	0	4,000		4,000	
c. Travel	0	0	0		0	
d. Equipment	0	0	0		0	
e. Supplies	0	0	0		0	
f. Contractual		100,000	17,000		117,000	
g. Construction	0	0	0		0	
h. Other (Land Purchase Cost)	2,823,000	0	0		2,823,000	
i. Total Direct Charges (sum of 6a-6h)	2,823,000	100,000	41,000		2,964,000	
j. Indirect Charges	0	0	6,000		6,000	
k. TOTALS (sum of 6i and 6j)	\$ 2,823,000	\$ 100,000	\$ 47,000	\$	\$ 2,970,000	
7. Program Income	\$ 0	\$ 0	\$ 0	\$	\$ 0	

INSTRUCTIONS FOR THE SF-424

Public reporting burden for this collection of information is estimated to average 45 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0043), Washington, DC 20503.

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

This is a standard form used by applicants as a required facesheet for preapplications and applications submitted for Federal assistance. It will be used by Federal agencies to obtain applicant certification that States which have established a review and comment procedure in response to Executive Order 12372 and have selected the program to be included in their process, have been given an opportunity to review the applicant's submission.

- | Item: | Entry: | Item: | Entry: |
|-------|---|-------|--|
| 1. | Self-explanatory. | 12. | List only the largest political entities affected (e.g., State, counties, cities). |
| 2. | Date application submitted to Federal agency (or State if applicable) and applicant's control number (if applicable). | 13. | Self-explanatory. |
| 3. | State use only (if applicable). | 14. | List the applicant's Congressional District and any District(s) affected by the program or project. |
| 4. | If this application is to continue or revise an existing award, enter present Federal identifier number. If for a new project, leave blank. | 15. | Amount requested or to be contributed during the first funding/budget period by each contributor. Value of in-kind contributions should be included on appropriate lines as applicable. If the action will result in a dollar change to an existing award, indicate <i>only</i> the amount of the change. For decreases, enclose the amounts in parentheses. If both basic and supplemental amounts are included, show breakdown on an attached sheet. For multiple program funding, use totals and show breakdown using same categories as item 15. |
| 5. | Legal name of applicant, name of primary organizational unit which will undertake the assistance activity, complete address of the applicant, and name and telephone number of the person to contact on matters related to this application. | 16. | Applicants should contact the State Single Point of Contact (SPOC) for Federal Executive Order 12372 to determine whether the application is subject to the State Intergovernmental review process. |
| 6. | Enter Employer Identification Number (EIN) as assigned by the Internal Revenue Service. | 17. | This question applies to the applicant organization, not the person who signs as the authorized representative. Categories of debt include delinquent audit disallowances, loans and taxes. |
| 7. | Enter the appropriate letter in the space provided. | 18. | To be signed by the authorized representative of the applicant. A copy of the governing body's authorization for you to sign this application as official representative must be on file in the applicant's office. (Certain Federal agencies may require that this authorization be submitted as part of the application.) |
| 8. | Check appropriate box and enter appropriate letter(s) in the space(s) provided:

-- "New" means a new assistance award.

-- "Continuation" means an extension for an additional funding/budget period for a project with a projected completion date.

-- "Revision" means any change in the Federal Government's financial obligation or contingent liability from an existing obligation. | | |
| 9. | Name of Federal agency from which assistance is being requested with this application. | | |
| 10. | Use the Catalog of Federal Domestic Assistance number and title of the program under which assistance is requested. | | |
| 11. | Enter a brief descriptive title of the project. If more than one program is involved, you should append an explanation on a separate sheet. If appropriate (e.g., construction or real property projects), attach a map showing project location. For preapplications, use a separate sheet to provide a summary description of this project. | | |

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1-014302

SECTION C. NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8. LAND ACQUISITION	\$ 0	\$ 0	\$ 0	\$ 0	
9. HABITAT RESTORATION	0	0	50,000	50,000	
10. ADMINISTRATION	0	0	25,000	25,000	
11.					
12. TOTAL (sum of lines 8 - 11)	\$ 0	\$ 0	\$ 75,000	\$ 75,000	
SECTION D. BUDGET SUMMARY - FEDERAL AND NON-FEDERAL PROJECT					
13. Federal	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
	\$ 2,956,000	\$ 15,000	\$ 2,827,000	\$ 57,000	\$ 57,000
14. NonFederal	70,000	5,000	5,000	30,000	30,000
15. TOTAL (sum of lines 13 and 14)	3,026,000	20,000	2,832,000	87,000	87,000
SECTION E. OTHER BUDGET INFORMATION					
(a) Grant Program	FUTURE FUNDING PERIODS (Years)				
	(b) First	(c) Second	(d) Third	(e) Fourth	
16. LAND ACQUISITION	\$ 0	\$ 0	\$ 0	\$ 0	
17. HABITAT RESTORATION	0	0	0	0	
18. ADMINISTRATION	14,000	0	0	0	
19.					
20. TOTAL (sum of lines 16-19)	\$ 14,000	\$ 0	\$ 0	\$ 0	
21. Direct Charges: N/A	22. Indirect Charges: 25% predetermined rate				
23. Remarks:					

In section C (above), column (d), line 10 refers to In-Kind resources provided by the Napa County Flood Control District; line 9 refers to estimated cash contribution of the Flood Control District.

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1-014302

INSTRUCTIONS FOR THE SF-424A

Public reporting burden for this collection of information is estimated to average 180 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0044), Washington, DC 20503.

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

General Instructions

This form is designed so that application can be made for funds from one or more grant programs. In preparing the budget, adhere to any existing Federal grantor agency guidelines which prescribe how and whether budgeted amounts should be separately shown for different functions or activities within the program. For some programs, grantor agencies may require budgets to be separately shown by function or activity. For other programs, grantor agencies may require a breakdown by function or activity. Sections A, B, C, and D should include budget estimates for the whole project except when applying for assistance which requires Federal authorization in annual or other funding period increments. In the latter case, Sections A, B, C, and D should provide the budget for the first budget period (usually a year) and Section E should present the need for Federal assistance in the subsequent budget periods. All applications should contain a breakdown, by the object class categories shown in Lines a-k of Section B.

Section A. Budget Summary Lines 1-4 Columns (a) and (b)

For applications pertaining to a *single* Federal grant program (Federal Domestic Assistance Catalog number) and *not requiring* a functional or activity breakdown, enter on Line 1 under Column (a) the catalog program title and the catalog number in Column (b).

For applications pertaining to a *single* program *requiring* budget amounts by multiple functions or activities, enter the name of each activity or function on each line in Column (a), and enter the catalog number in Column (b). For applications pertaining to multiple programs where none of the programs require a breakdown by function or activity, enter the catalog program title on each line in Column (a) and the respective catalog number on each line in Column (b).

For applications pertaining to a *multiple* programs where one or more programs *require* a breakdown by function or activity, prepare a separate sheet for each program requiring the breakdown. Additional sheets should be used when one form does not provide adequate space for all breakdown of data required. However, when more than one sheet is used, the first page should provide the summary totals by programs.

Lines 1-4, Columns (c) through (g)

For *new* applications, leave Columns (c) and (d) blank. For each line entry in Columns (a) and (b), enter in Columns (e), (f), and (g) the appropriate amounts of funds needed to support the project for the first funding period (usually a year).

For *continuing grant program applications*, submit these forms before the end of each funding period as required by the grantor agency. Enter in Columns (c) and (d) the estimated amounts of funds which will remain unobligated at the end of the grant funding period only if the Federal grantor agency instructions provide for this. Otherwise, leave these columns blank. Enter in Columns (e) and (f) the amounts of funds needed for the upcoming period. The amount(s) in Column (g) should be the sum of amounts in Columns (e) and (f).

For *supplemental grants and changes* to existing grants, do not use Columns (c) and (d). Enter in Column (e) the amount of the increase or decrease of Federal funds and enter in Column (f) the amount of the increase or decrease of non-Federal funds. In Column (g) enter the new total budgeted amount (Federal and non-Federal) which includes the total previous authorized budgeted amounts plus or minus, as appropriate, the amounts shown in Columns (e) and (f). The amount(s) in Column (g) should not equal the sum of amounts in Columns (e) and (f).

Line 5--Show the totals for all columns used.

Section B. Budget Categories

In the column headings (1) through (4), enter the titles of the same programs, functions, and activities shown on Lines 1-4, Column (a), Section A. When additional sheets are prepared for Section A, provide similar column headings on each sheet. For each program, function or activity, fill in the total requirements for funds (both Federal and non-Federal) by object class categories.

Lines 6a-i--Show the totals of Lines 6a and 6h in each column.

Line 6j--Show the amount of indirect cost.

Line 6k--Enter the total of amounts on Lines 6i and 6j. For all applications for new grants and continuation grants the total amount in column (5), Line 6k, should be the same as the total amount shown in Section A, Column (g), Line 5. For supplemental grants and changes to grants, the total amount of the increase or decrease as shown in Columns (1)-(4), Line 6k should be the same as the sum of the amounts in Section A, Columns (e) and (f) on Line 5.

Line 7--Enter the estimated amount of income, if any, expected to be generated from this project. Do not add or subtract this amount from the total project amount. Show under the program.

ASSURANCES - NON-CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

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

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

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

INSTRUCTIONS FOR THE SF-424A (continued)

narrative statement the nature and source of income. The estimated amount of program income may be considered by the federal grantor agency in determining the total amount of the grant

Section C. Non-Federal Resources

Lines 8-11--Enter amounts of non-Federal resources that will be used on the grant. If in-kind contributions are included, provide a brief explanation on a separate sheet.

Column (a) - Enter the program titles identical to Column (a), Section A. A breakdown by function or activity is not necessary.

Column (b) - Enter the contribution to be made by the applicant.

Column (c) - Enter the amount of the State's cash and in-kind contribution if the applicant is not a State or State agency. Applicants which are a State or State agencies should leave this column blank.

Column (d) - Enter the amount of cash and in-kind contributions to be made from all other sources.

Column (e) - Enter totals of Columns (b), (c), and (d).

Line 12--Enter the total for each of Columns (b)-(e). The amount in Column (e) should be equal to the amount on Line 5, Column (f) Section A.

Section D. Forecasted Cash Needs

Line 13--Enter the amount of cash needed by quarter from the grantor agency during the first year.

Line 14--Enter the amount of cash from all other sources needed by quarter during the first year.

Line 15--Enter the totals of amounts on Lines 13 and 14.

Section E. Budget Estimates of Federal Funds Needed for Balance of the Project.

Lines 16-19--Enter in Column (a) the same grant program titles shown in Column (a), Section A. A breakdown by function or activity is not necessary. For new applications and continuation grant applications, enter in the proper columns amounts of Federal funds which will be needed to complete the program or project over the succeeding funding period (usually in years). This section need not be completed for revisions (amendments, changes, or supplements) to funds for the current year of existing grants.

If more than four lines are needed to list the program titles, submit additional schedules as necessary.

Line 20--Enter the total for each of the Columns (b)-(e). When additional schedules are prepared for this Section, annotate accordingly and show the overall totals on this line.

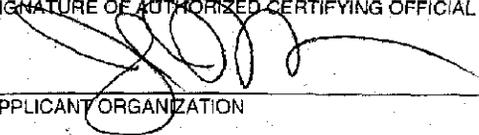
Section F. Other Budget Information

Line 21--Use this space to explain amounts for individual direct object-class cost categories that may appear to be out of the ordinary or to explain the details as required by the Federal grantor agency.

Line 22--Enter the type of indirect rate (provisional, predetermined, final or fixed) that will be in effect during the funding period, the estimated amount of the base to which the rate is applied, and the total indirect expense.

Line 23--Provide any other explanations or comments deemed necessary.

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133. "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	TITLE Executive Director
APPLICANT ORGANIZATION Napa County Land Trust	DATE SUBMITTED April 15, 1999

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