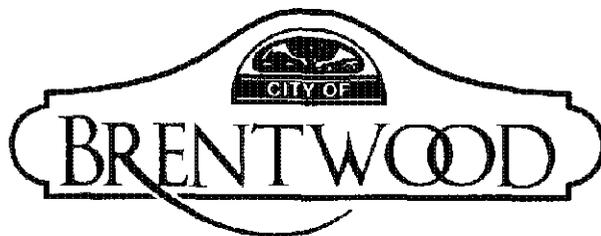


99 6 115



CITY OF BRENTWOOD

1999 PROPOSAL SOLICITATION PACKAGE

MARSH HABITAT AND EDUCATIONAL CENTER

City Hall - 708 Third Street, Brentwood, California 94513 • (925) 634-6900 • Fax: (925) 634-6930
Police Department - 500 Chestnut Street, Brentwood, California 94513 • (925) 634-6911 • Fax: (925) 634-6919

PSP COVER SHEET

Proposal Title: Brentwood Marsh Habitat and Educational Center
Applicant Name: John Stevenson, City Engineer, City of Brentwood
Mailing Address: 708 Third Street, Brentwood, CA 94513
Telephone: 925.516-5420
Fax: 925.516-5421
Email: kwahl@ecis.com

Amount of funding requested: \$435,600 over three 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 type="checkbox"/> Habitat Restoration | <input type="checkbox"/> Fish Management/Hatchery |
| <input type="checkbox"/> Local Watershed Stewardship | <input checked="" type="checkbox"/> Environmental Education |
| <input type="checkbox"/> Water Quality | |

Does the proposal address a specified Focused Action? X yes no

What county or counties is the project located in? Contra Costa

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 type="checkbox"/> North Bay/South Bay: _____ |
| <input type="checkbox"/> San Joaquin Trib: _____ | <input type="checkbox"/> Landscape (entire Bay-Delta Watershed) |
| <input checked="" type="checkbox"/> Delta: <u> Sacramento/San Joaquin </u> | <input type="checkbox"/> Other: _____ |

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

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

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:

*Volume I, page 42; Bay-Delta Aquatic Foodweb
Rehabilitate natural processes in the Bay-Delta estuary and its watershed to support, with minimal ongoing human intervention, natural aquatic and associated terrestrial biotic communities, in ways that favor native members of those communities.*

Volume II, page 97, Nontidal Perennial Aquatic Habitat

Target 2

Develop 2,100 acres of shallow, open-water areas...in restored fresh emergent wetland habitat areas in the Delta to provide resting, foraging, and brood habitat for water birds and habitat for fish and aquatic plants and semi-aquatic animals.

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

- | | | | |
|-------------------------------------|---------------------------------|--------------------------|----------------|
| <input type="checkbox"/> | State Agency | <input type="checkbox"/> | Federal agency |
| <input type="checkbox"/> | Public/Non-profit joint venture | <input type="checkbox"/> | Non-profit |
| <input checked="" 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):

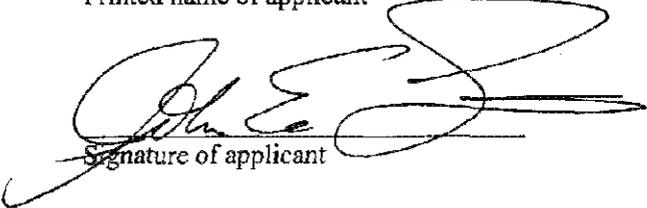
- | | | | |
|--------------------------|------------|-------------------------------------|----------------|
| <input type="checkbox"/> | Planning | <input checked="" type="checkbox"/> | Implementation |
| <input type="checkbox"/> | Monitoring | <input type="checkbox"/> | Education |
| <input type="checkbox"/> | 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 E. Stevenson, City Engineer

Printed name of applicant


Signature of applicant

Marsh Habitat Educational Center

Primary Contact

John E. Stevenson, City Engineer
City of Brentwood
708 Third Street
Brentwood, CA 94513

Phone: 925.516-5420

Fax: 925.516-5421

e-mail: kwahl@ecis.com

Participants and Collaborators

City of Brentwood, Engineering, Public Works and Parks Departments
Contra Costa County Flood Control and Water Conservation District
East Bay Regional Park District

Type of Organization

Local Government - City

Tax Status

Government Agency; not exempt

Tax Identification Number

94-6000303

EXECUTIVE SUMMARY

This application requests funds in the amount of \$435,600 to develop a marshland habitat and educational interpretive center on City-owned property.

Project Description and Ecological Objectives

The project area is located in the City of Brentwood in the northwestern San Joaquin Valley and is a portion of the site of the City's existing wastewater treatment plant at 325 Sunset Road, southeast of Marsh Creek and east of State Highway 4. Habitat areas already in existence at the site include annual grassland and some ruderal habitat with areas of marsh and riparian habitats along Marsh Creek. A water-based habitat educational area is planned at the northern and western boundaries of the site. A portion of tertiary treated effluent from the treatment plant will be used for creation of marshland with the overflow entering Marsh Creek and flowing into the Delta at Big Break. Using tertiary effluent will ensure that the habitat created in the marshland will be adequately protected as set forth in the CALFED Ecosystem Restoration Program goals. Specifically, the project will help meet the goals to "Protect or restore functional habitat types throughout the watershed for public values such as recreation, scientific research and aesthetics" and to "Improve and maintain water and sediment quality to eliminate, to the extent possible, toxic impacts on organisms in the system, including humans".

It is planned to plant the property in native vegetation which will in turn be an attraction to native wildlife. Marsh Creek is the primary creek flowing through the City of Brentwood flowing northeasterly from the eastern foothills of Mt. Diablo and has great value as an historic, ecological, scientific and recreational resource. The proximity of Marsh Creek to the Delta represents a significant habitat opportunity for educational, esthetic and habitat enhancements.

The proposed project is approximately 3.6 miles upstream of the Delta at Big Break. The project will assist in expanding seasonal freshwater marshland habitat in the Delta area and will benefit fish, migratory birds, and numerous native plant and wildlife species. Additionally, and as significant, is the opportunity to educate the general public about the importance of marsh habitats and how discharging pollutants into storm drains negatively affects this delicate system.

[See project site map attached as Exhibit A.]

Compatibility with CALFED Objectives

There are greater demands than ever on habitats needed to support wildlife populations. This project will help improve the health of the Bay-Delta ecosystem and protect and assist in restoration of a natural habitat along Marsh Creek where urban development has restricted the historic floodplain. This complements the CALFED mission to "restore ecological health and improve water management for beneficial uses of the Bay-Delta System". The project addresses 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".

Tertiary-treated effluent meeting a 2.2 MPN/100ml coliform count from the wastewater treatment plant will be used to create a shallow water habitat. Using reclaimed water for habitat

agrees with the goal of restoration of Marsh Creek and the Delta. This is in accord with CALFED's identification of shallow water habitat as high priority target habitat. The federal, state and local mandates to restore the Delta are addressed by the proposed project. The project will assist in the restoration and expansion of Marsh Creek habitat for native species of plants and wildlife.

Cost

The cost of the project is reasonable and will be augmented by City funds. The project total requested of \$435,600 represents costs for habitat development, environmental review and project administration.

Applicant Qualifications

The City of Brentwood will provide staff administration for this project in cooperation with the Contra Costa County Flood Control and Water Conservation District, East Bay Regional Park District and the Delta Science Center. The goals of the City of Brentwood Creek Trails and Revegetation Master Plan, adopted February 26, 1991, are "...to improve and encourage public access to the creek channels, re-establish riparian and scenic values, provide a positive link and respect for the creek system, and promote the continued support and maintenance of the creeks and trail system by area residents." The City plans to consult with Ducks Unlimited regarding restoration procedures once the project is approved by CALFED for implementation as their staff has extensive experience with restoration projects such as this.

Monitoring and Data Evaluation

The project will be monitored and data evaluated through the City of Brentwood Engineering Department with assistance from the Public Works Department. It is anticipated that biological support and assistance with management of the area will be provided from various agencies working together on the project, such as the Delta Science Center and Ducks Unlimited. A laboratory at the treatment plant will also be utilized.

Local Support/Coordination with Other Programs

The proposed project has been organized and will be managed by the City of Brentwood. Both the Delta Science Center and EBRPD host creek study programs for local schools and EBRPD maintains a trail that runs along Marsh Creek throughout the City of Brentwood.

PROJECT DESCRIPTION

Project Description and Approach

This project requires approximately \$435,600 to restore riparian and aquatic habitat and marsh plain. The marshland will be created on a portion of the parcel that is the site of the wastewater treatment plant. It currently offers little active habitat value for native plant and wildlife. With the addition of this habitat, the project will increase the ecological value of the site. The project will establish riparian vegetation and varying flows through the project allowing marsh wildlife and vegetation to flourish. A self-sustaining riparian habitat of native species will be established to provide a wide array of habitat for the marsh wildlife.

In addition, public use of the educational interpretive center will be encouraged by the construction of connected elevated wildlife viewing stations and bicycle racks adjacent to the Marsh Creek Bike Trail. Signage will be posted providing historical background and ecological processes of the project and its relationship to the health of Marsh Creek as well as information about individual responsibility for stewardship of the creek. Educational programs offered in conjunction with schools will be an important part of the project. Public awareness of Marsh Creek as a rich biological resource will be emphasized throughout every step in the educational process.

Proposed Scope of Work

This proposal calls for the creation of a sustainable marshland/mudflat habitat using tertiary-treated effluent. This approach will allow natural processes to run their course. The phases of work include planning, feasibility analysis, design and implementation. Planning of the project will be a joint effort between the City Engineering, Public Works and Parks and Recreation Departments. If funding is granted, the planning process will commence immediately and construction work for the habitat will proceed following permitting.

<u>Phase</u>	<u>Schedule for Completion</u>	<u>Estimated Budget</u>
Planning/Design	2000-2001	39,600
Environmental Review	2000-2001	25,000
Construction	2001-2002	340,000
Project Administration	2000-2002	<u>31,000</u>
	TOTAL	435,600

If partial funding is granted, the marsh habitat could become a reality separately from the educational center. If the connected elevated viewing stations, trail and bicycle racks were not a part of the project, the planning/design and construction costs would be less by \$37,646 leaving a revised project total of \$397,954.

Location and/or Geographic Boundaries of the Project

The project location is in the City of Brentwood, County of Contra Costa. It is a parcel owned by the City and located immediately adjacent to Marsh Creek. The proposed project area lies approximately 3.6 miles upstream from the San Joaquin River Delta.

[See USGS quad map – 1:24,000 scale attached as Exhibit B.

ECOLOGICAL/BIOLOGICAL BENEFITS

Seasonal variability is important for the restoration of the ecosystem. The project would help restore natural habitat by allowing the project area to flood seasonally, resulting in re-establishment of marsh vegetation and resultant attraction to wildlife. In addition, the project will increase the habitat area and protect and improve the quality of riparian and aquatic habitats, thereby assisting in restoring endemic plant and animal populations.

Native plant species will be reintroduced to the project area and will include species of varying heights. Migratory birds, wildfowl, shore birds and neotropical riparian birds as well as other wildlife will be attracted to and supported by the area.

By creating a seasonal marshland/mudflat, a habitat for species listed in Priority Group III and IV will be created. Organic matter, microbes and zooplankton will flourish and provide a food source for higher organisms. In turn, those organisms will attract populations of shorebirds, wading birds and neotropical migratory birds through habitat protection and restoration. Populations of these species will be maintained and restored through a complex interwoven foodweb. Priority Group I and II species populations will be encouraged through the restoration of the ecological process in the project area.

According to the EIR for the City of Brentwood Wastewater Treatment Plant Expansion with Discharge to Marsh Creek (Jones & Stokes Associates, Inc. 1998), "...28 special-status fish and wildlife species have the potential to occur in the vicinity of the project area (Table 3C-2)". [Table 3C-2 attached, Exhibit C] The EIR addresses 12 special-status species because "...they could occur in the general study area or the habitat types they are known to use are at the project site: Valley Elderberry Longhorn Beetle (VELB), Western Pond Turtle, Northern Harrier, White-tailed Kite, Burrowing Owl, Loggerhead Shrike, Tricolored Blackbird, San Joaquin Pocket Mouse, San Joaquin Kit Fox, American Badger, Delta Smelt, and Sacramento Splittail." Although no special-status plant species that typically occur in marsh habitats were identified in the area because of channelization and flood control maintenance of the Creek, some of those plant species could be re-introduced and thrive as part of the proposed project habitat.

The study found that even though they were not using the area for breeding, the following species were occasional visitors to the site: Sharp-shinned Hawk, Cooper's Hawk, Ferruginous Hawk, Prairie Falcon, Little Willow Flycatcher, and Yellow Warbler. In addition, habitat is already in existence or will be enhanced by the project for populations of the Valley Elderberry Longhorn Beetle, Western Pond Turtle, Northern Harrier, White-tailed Kite, Western Burrowing Owl, Loggerhead Shrike, Tricolored Blackbird, San Joaquin Pocket Mouse, San Joaquin Kit Fox, American Badger, Delta Smelt and Sacramento Splittail.

[See pp. 3C-13-15 of the EIR, attached, Exhibit D.]

The ERPP objectives addressed by this proposal and identified in the EIR for the City of Brentwood Wastewater Treatment Plant Expansion with Discharge to Marsh Creek (Jones & Stokes Associates, Inc. 1998) are:

Volume I

Ecosystem Element, *Habitat, Fresh Emergent Wetland*, p. 31

Species and Species Group Visions, *Goal 1; (Sacramento Splittail, Chinook Salmon, Delta Smelt, California Red-legged Frog, Valley Elderberry Longhorn Beetle, Western Pond Turtle, Migratory Waterfowl, Wading Bird Guild, Neotropical Migrant Birds, Planktonic Organism, Aquatic Habitat Plant Community Group, Freshwater Marsh Habitat Plant Community Group)*, pp. 176-180

Volume II

Vision for the Ecological Management Zone, *Central and West Delta Ecological Management Unit*, pp. 77-78

Visions for Ecological Processes, *Bay-Delta Aquatic Foodweb*, p. 79

Visions for Habitats, *Fresh Emergent Wetland Habitat; Seasonal Wetland Habitat*, p. 80

Visions for Species, *Western Pond Turtle, Valley Elderberry Longhorn Beetle, possibly Little Willow Flycatcher and California Yellow Warbler during migration, Bay-Delta Foodweb Organisms, Shorebirds and Wading Birds, Waterfowl, Plant Species and Communities, Neotropical Migratory Birds*, pp. 82-85

Linkage to Other Projects

The East Bay Park Big Break and Little Frank's Tract recreation areas are near the proposed Habitat Education Center. While not contiguous, the combination of all three in the same vicinity will greatly contribute to expanding the ecological restoration area and education of the general public.

Technical Feasibility and Timing

The Habitat Education Center will incorporate habitat enhancement measures not presently a part of the site. The proposed project will include measures to attract and sustain plant and animal life. The phases of the project include planning, feasibility analysis, design, restoration construction, coordinating and monitoring data collection and analysis.

An Environmental Impact Report for the City of Brentwood Wastewater Treatment Plant Expansion with Discharge to Marsh Creek (State Clearinghouse No. 98012058) dated June 26, 1998, has been prepared and approved. Design reviews will be requested from the Delta Science Center, the Brentwood Parks & Recreation Department, East Bay Regional Park District, the City's environmental consultants and Ducks Unlimited. If further environmental study is needed for the proposed marshland project, it is anticipated that filing a mitigated negative declaration will be sufficient.

MONITORING and DATA COLLECTION METHODOLOGY

Biological/Ecological Objectives			
<ul style="list-style-type: none"> • Re-establish marsh vegetation • Increase the habitat area • Protect and improve the quality of habitat • Assist in restoring endemic plant and animal populations 			
HYPOTHESIS/ QUESTION TO BE EVALUATED	MONITORING PARAMETER(S) and DATA COLLECTION APPROACH	DATA EVALUATION APPROACH	COMMENTS/ DATA PRIORITY
<ul style="list-style-type: none"> • Establishment of vegetation will encourage growth of organic matter, microbes and zooplankton and provide a food source for higher organisms. 	Survival of vegetation will be continually monitored to assess need for re-planting.	Proper planting procedures will be used and help insure a more successful re-vegetation.	Once established, the marsh vegetation will be self-sustaining.
<ul style="list-style-type: none"> • Creation of a marsh/mudflat will increase habitat area for native wildlife. 	Assessment of plant and animal organisms not previously documented in the area will be conducted yearly.	Numbers and uniqueness of various species will provide an objective assessment of the project success.	Recordation and of the presence of various species, both common and species of concern, will be of benefit to establish other restoration projects.
<ul style="list-style-type: none"> • An increase in habitat area will benefit species populations. 	Recordation of species, both common and species of concern.	Species observed at this location will be compared to those in existence at other areas along Marsh Creek.	Loss of contiguous habitat has led to a diminished population of many species.
<ul style="list-style-type: none"> • A marsh habitat will assist in restoring native plant and animal populations. 	A count of organisms taken throughout the year(s) will provide information about the species population numbers.	Population species and numbers will be compared to other locations along Marsh Creek.	Favorable habitat conditions will attract and maintain sustainable populations of species.

Local Involvement

The following agencies and organizations have been contacted regarding the proposed project:
[copies of letters attached, Exhibit E]

- Delta Protection Commission
- Contra Costa County Board of Supervisors
- Contra Costa County Community Development Department
- Contra Costa County Flood Control and Water Conservation District
- East Bay Regional Park District
- Delta Science Center
- Ducks Unlimited

In addition to soliciting input from the above agencies, notices will be published for meetings to seek public input. Public support and involvement will be very important to the success of the project.

Cost

Budget With Educational Interpretive Center

Task	Direct Labor Hours	Direct Salary & Benefits	Service Contracts	Material & Acquisition Costs	Misc. & other Direct Costs	O/H - Indirect Costs*	Total Cost
Planning/ Design					34,435	5,165	39,600
Environmental Review					21,739	3,261	25,000
Construction					295,652	44,348	340,000
Project Administration	300	90			26,957	4,043	31,000
TOTAL					378,783	65,340	435,600

Quarterly Budget

Task	Oct-Dec 99	Jan-Mar 00	Apr-Jun 00	Jul-Sep 00	Oct-Dec 00	Total Budget
Planning/ Design	20,000	19,600				39,600
Environmental Review	5,000	20,000				25,000
Construction			100,000	140,000	100,000	340,000
Project Administration	5,000	5,000	10,000	6,000	5,000	31,000
TOTAL	30,000	44,600	110,000	146,000	105,000	435,600

Operation and maintenance costs will be at a minimum with this project as it is intended to be self-sustaining with a minimum of intervention needed once established. The initial costs of planting and replanting will be limited to the establishment period.

The project could still be feasible if funded partially by eliminating the planned educational interpretive center. It would not play as big a part in immediate education of the public but would still be a viable wildlife habitat.

If the connected elevated viewing stations, trail and bicycle racks were not a part of the project the costs would be less by \$107,261 leaving a revised project total of \$328,339, before contingency costs are applied.

Budget Without Educational Interpretive Center

Task	Direct Labor Hours	Direct Salary & Benefits	Service Contracts	Material & Acquisition Costs	Misc. & other Direct Costs	O/H and Indirect Costs	Total Cost
Planning/ Design					29,849	4,477	34,326
Environmental Review					21,739	3,261	25,000
Construction					259,240	38,886	298,126
Project Administration	200	90			18,000	2,700	20,700
TOTAL					328,828	49,324	378,152

Quarterly Budget

Task	Oct-Dec 99	Jan-Mar 00	Apr-Jun 00	Jul-Sep 00	Oct-Dec 00	Total Budget
Planning/ Design	20,000	14,326				34,326
Environmental Review	5,000	20,000				25,000
Construction			100,000	120,000	78,126	298,126
Project Administration	2,000	2,000	8,700	5,000	3,000	20,700
TOTAL	27,000	36,326	108,700	125,000	81,126	378,152

Cost Sharing

The City of Brentwood will provide services for project administration and funds in the amount of \$20,000 for a total in-kind contribution of \$51,000 (approximately 12% of the total project cost) as well as providing on-going support and technical expertise. Once completed, the City will provide necessary maintenance and oversight to insure the viability of the habitat.

Applicant Qualifications

The City of Brentwood is the lead agency for this project and will use personnel from the Engineering and Public Works Departments. The City has a working relationship with East Bay Regional Park District and the Delta Science Center and is very interested in working with Ducks Unlimited.

Those directly involved with this project will include:

John Stevenson, P.E.

Mr. Stevenson has been the City Engineer for Brentwood since 1994. He started in the position as a consultant and accepted the full-time position upon selling his ownership in Stevenson, Porto & Pierce, Inc. (SP2) in 1997. Through Mr. Stevenson's leadership, the Engineering Department has become an efficient, productive part of the City's government.

Mr. Stevenson's efforts on behalf of the City of Brentwood were directed initially at correcting infrastructure deficiencies. The water system has been improved from a capacity less than peak summer flow to a capability of twice peak summer flow. Reservoir capacity has increased from 2.5 million gallons to 8.8 million gallons. A new state of the art tertiary sewage treatment plant is under design and scheduled for construction to begin in the summer of 2000. Another major contribution has been the transformation of the Development Fee Program which Mr. Stevenson completed rewrote in 1994 and has continued improving to this date. This program currently funds the largest Capital Improvement Program in the county.

Mr. Stevenson is a registered civil engineer in the states of California, Arizona, Nevada, Oregon, Colorado, Texas and Kansas. His education was obtained at Kansas State University where he earned a Bachelor of Science in Civil Engineering and was the President of the Student Chapter of the American Society of Civil Engineers. Prior to the formation of Stevenson, Porto & Pierce, Inc., Mr. Stevenson was Vice-President and Director of Engineering for the Costa Mesa office of Psomas and Associates. At Psomas he was responsible for directing a team of project managers, engineers and all technical design. In this previous position, he was responsible for the coordination and preparation of all civil engineering documents produced by the firm.

As the founding principal of Stevenson, Porto & Pierce, Inc., Mr. Stevenson acted as the Chief Engineer and project manager to assure maximum coordination and responsiveness of the company. Mr. Stevenson directed the approach, formation and design of all engineering projects. His unique talents toward cost effective design provided the company's clients with timely solutions which save money during construction and throughout the operating life of the projects.

A notable point in Mr. Stevenson's experience was his involvement with the North Irvine Assessment District (NIAD). As Chief Design Engineer and Resident Engineer, it was his responsibility to coordinate the design and construction of the public infrastructure for a 1,000-acre project involving 27 individual developers. NIAD, when formulated was the largest assessment district ever formed in the country.

Thom Head, Public Works Director

B.S. Oceanography, Humboldt State University

Mr. Head has over twenty years comprehensive experience in Public Works operations as well as five years experience with park planning and development. He has continued his education with course work in wetlands habitat creation.

Mr. Head is an avid outdoorsman and bird watcher.

Jenny Skrel, G.S. Dodson and Associates

Ms. Skrel is a principal engineer with G.S. Dodson & Associates. She has worked for the City over the past two years to develop long-term plans for the City's Wastewater Treatment Plant. She is currently designing a 5.0 mgd expansion to the plant.

Ms. Skrel prepared a wastewater treatment plant expansion for Ironhouse Sanitary District which included developing a plan for effluent disposal onto constructed wetlands. She was also project manager for design of a new 3.3 mgd wastewater treatment plant for the City of Pacifica. The treatment facilities provided Title 22 effluent for discharge into a restored wetlands.

Ms. Skrel's knowledge of wastewater treatment coupled with her wetlands knowledge will be very beneficial for the City's proposed project.

Jones & Stokes Associates, Inc.

The firm of Jones & Stokes Associates has performed the environmental study and prepared the environmental impact report for the expansion of the wastewater treatment plant. The firm will be consulted regarding the proposed project.

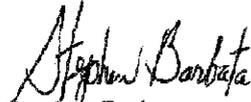
April 15, 1999

Jon Elam
City Manager
City of Brentwood
708 Third Street
Brentwood, CA 94513

Dear Jon:

It has been a pleasure to work with you and the engineering staff on our mutual goals for Marsh Creek. To this end I strongly support your CALFED Ecosystem Restoration Grant Proposal. Together we can restore biological/ecological values to the creek while also meeting human needs for wastewater treatment. Your approach to creating seasonal freshwater marshes with tertiary-treated effluent can help our Big Break area support diverse populations of valuable plant and animal species.

Sincerely,


Stephen Barbata
Executive Director

THE DELTA
SCIENCE CENTER
At Big Break

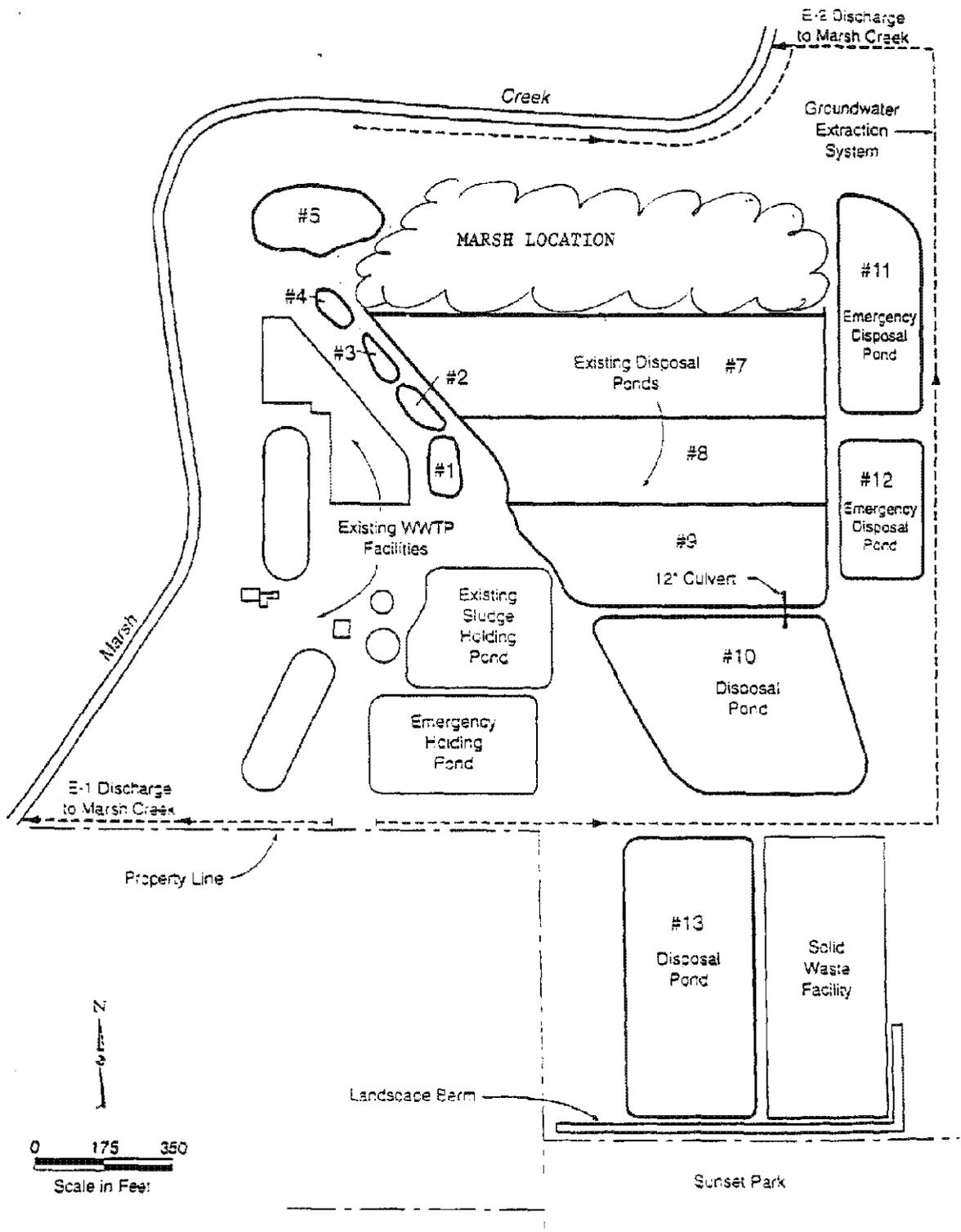
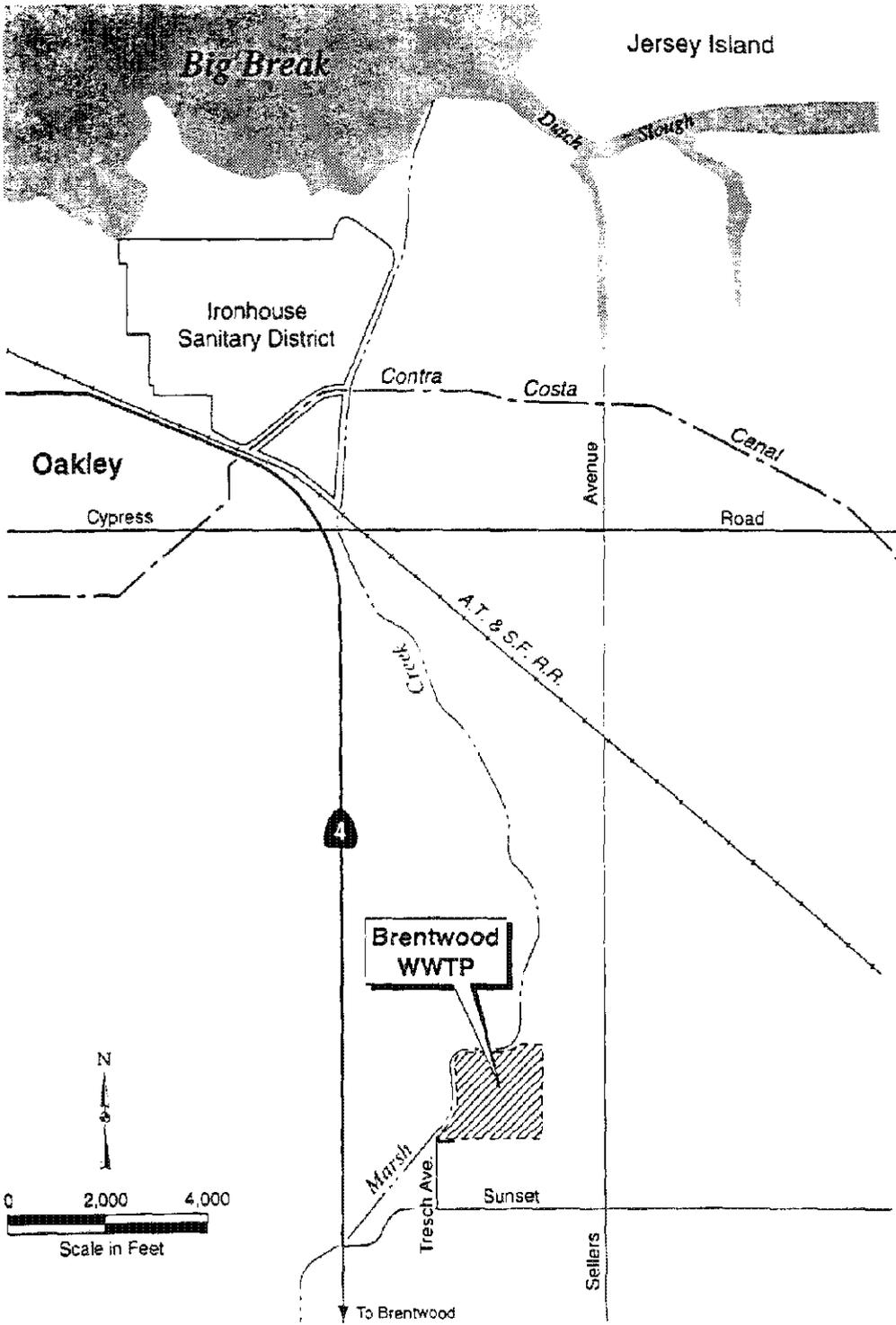


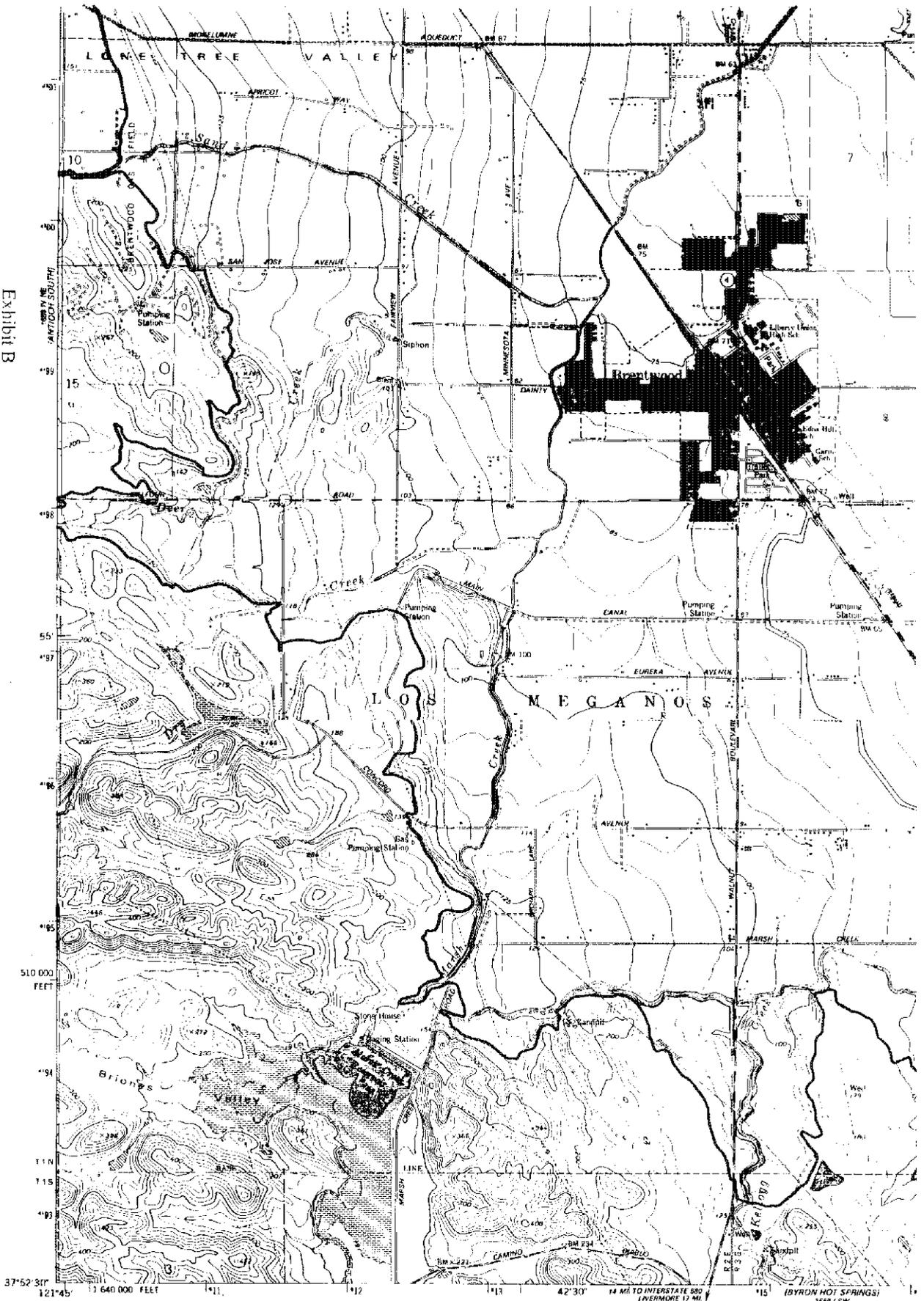
Exhibit A



Jones & Stokes Associates, Inc.

**Project Site and Location of Major
Surface Water Resources**

3A-2



TIASSADANA
NSW-M-SE

Mapped, edited, and published by the Geological Survey
 Control by USGS and NOS/NOAA
 Topography by photogrammetric methods from aerial
 photographs taken 1974. Field checked 1975. Map edited 1978
 Supersedes map dated 1954
 Projection and 10,000-foot grid ticks: California coordinate
 system, zone 3 (Lambert conformal conic)
 1000-meter Universal Transverse Mercator grid ticks,
 zone 1D, shown in blue. 1927 North American datum
 Red line indicates areas in which only benchmark buildings are shown

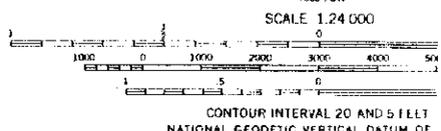
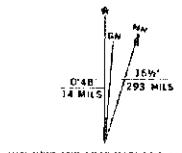


Table 3C-2. Special-Status Fish and Wildlife Species with Potential to Occur in the Marsh Creek WWTP Project Area

Species	Status*		Distribution in California	Habitats	Occurrence in Project Area
	Federal/State				
Wildlife					
Vernal pool fairy shrimp <i>Branchinecta lynchi</i>	T/-		Central Valley, central and south Coast Ranges from Tehama County to Santa Barbara County; isolated populations in Riverside County	Common in vernal pools; also found in sandstone rock outcrop pools	No known occurrences or suitable habitat in project area
Curve-footed hygrotes diving beetle <i>Hygrotes curvipes</i>	SC/-		Western side of the San Joaquin Valley from Oakley in Contra Costa County south to Alameda County	Small ponds, roadside ditches, vernal wetlands, and pools in intermittent streams, most of which dry up during summer and support alkaline-tolerant vegetation	No known occurrences or suitable habitat in project area
Molestan blister beetle <i>Lytta molesta</i>	SC/-		San Joaquin Valley from Contra Costa County south to Tulare and Kern Counties	Vernal pools	No known occurrences or suitable habitat in project area
Valley elderberry longhorn beetle <i>Desmocerus californicus dimorphus</i>	T/-		Streamside habitats below 3,000 feet through the Central Valley of California	Riparian and oak savanna habitats with elderberry shrubs; elderberries are host plant	Known to occur in two locations near Marsh Creek levee roads
California tiger salamander <i>Ambystoma californiense</i>	C/SSC		Central Valley, including Sierra Nevada foothills, up to approximately 1,000 feet; coastal region from Butte County south to Santa Barbara County	Small ponds, lakes, and vernal pools in grasslands and oak woodlands for larvae; rodent burrows, rock crevices, and fallen logs as cover for adults and for summer dormancy	No known occurrences or suitable habitat in project area
Giant garter snake <i>Thamnophis gigas</i>	T/T		Central Valley from Fresno north to the Gridley/Sutter Buttes area; has been extirpated from areas south of Fresno	Sloughs, canals, and other small waterways where there is a prey base of small fish and amphibians; requires grassy banks and emergent vegetation for basking and areas of high ground protected from flooding during winter	No known occurrences or suitable habitat in project area
Western pond turtle <i>Clemmys marmorata</i>	SC/SSC		In California, range extends from Oregon border of Del Norte and Siskiyou Counties south along the coast to San Francisco Bay, inland through the Sacramento Valley, and on the western slope of the Sierra Nevada; range overlaps with that of southwestern pond turtle through the Delta and Central Valley to Tulare County	Woodlands, grasslands, and open forests; occupies ponds, marshes, rivers, streams, and irrigation canals with muddy or rocky bottoms and with watercress, cattails, water lilies, or other aquatic vegetation	No known occurrences in the project area; suitable habitat present at the mouth of Marsh Creek

Exhibit C

3C-7

1-020973

1-020973

Species	Status*		Distribution in California	Habitats	Occurrence in Project Area
	Federal/State				
Northern harrier <i>Circus cyaneus</i>	--SSC		Throughout lowland California; has been recorded in fall at high elevations	Grasslands, meadows, marshes, and seasonal and agricultural wetlands that provide tall cover	No known occurrences in the project area; suitable habitat present in ruderal/annual grassland habitat
White-tailed kite <i>Elanus leucurus</i>	--FP		Lowland areas west of Sierra Nevada from head of Sacramento Valley south, including coastal valleys and foothills to western San Diego County at the Mexico border	Low foothills or valley areas with valley or live oaks, riparian areas, and marshes near open grasslands for foraging	No known occurrences in the project area; suitable habitat present in ruderal/annual grassland habitat
Sharp-shinned hawk <i>Accipiter striatus</i>	--SSC		Permanent resident in the Sierra Nevada, Cascade, Klamath, and north Coast Ranges at middle elevations, as well as along the coast in Marin, San Francisco, San Mateo, Santa Cruz, and Monterey Counties; winters over the rest of the state except at very high elevations	Dense-canopy ponderosa pine or mixed-conifer forest and riparian habitats	Occurs only during winter and migration in the project area
Cooper's hawk <i>Accipiter cooperi</i>	--SSC		Throughout California except at high altitudes in the Sierra Nevada; winters in the Central Valley, southeastern desert regions, and plains east of the Cascade Range; permanent residents occupy the rest of the state	Nests primarily in riparian forests dominated by deciduous species; also nests in densely canopied forests from digger pine-oak woodland up to ponderosa pine; forages in open woodlands	Occurs only during winter and migration in the project area
Ferruginous hawk <i>Buteo regalis</i>	SC/SSC		Does not nest in California; winter visitor along the coast from Sonoma County to San Diego County, eastward to the Sierra Nevada foothills and southeastern deserts, the Inyo-White Mountains, the plains east of the Cascade Range, and Siskiyou County	Open terrain in plains and foothills where ground squirrels and other prey are available	Occurs only during winter and migration in the project area
Golden eagle <i>Aquila chrysaetos</i>	--SSC, FP		Foothills and mountains throughout California; uncommon nonbreeding visitor to lowlands such as the Central Valley	Cliffs and escarpments or tall trees for nesting; annual grasslands, chaparral, and oak woodlands with plentiful medium- and large-sized mammals for prey	No known occurrences or suitable nesting habitat on or near the project area

3C-8

1-020974

1-020974

Species	Status*		Distribution in California	Habitats	Occurrence in Project Area
	Federal/State				
Prairie falcon <i>Falco mexicanus</i>	--/SSC		Permanent resident in the south Coast, Transverse, Peninsular, and northern Cascade Ranges; southeastern deserts; Inyo-White Mountains; Modoc, Lassen, and Plumas Counties; and foothills surrounding the Central Valley, winters in the Central Valley, along the coast from Santa Barbara County to San Diego County, and in Marin, Sonoma, Humboldt, Del Norte, and Inyo Counties	Cliffs or escarpments for nesting; adjacent dry, open terrain or uplands, marshes, and seasonal marshes for foraging	No known occurrences in project area; suitable habitat present in winter in ruderal/annual grassland
Western burrowing owl <i>Athene cunicularia hypugea</i>	SC/SSC		Lowlands throughout California, including the Central Valley, northeastern plateau, southeastern deserts, and coastal areas; rare along south coast	Rodent burrows in sparse grassland or desert habitats	Known to occur in ruderal/annual grassland inhab on Brentwood Wastewater Treatment Plant
Short-eared owl <i>Asio flammeus</i>	--/SSC		Permanent resident along the coast from Del Norte County to Monterey County, although very rare in summer north of San Francisco Bay, in the Sierra Nevada north of Nevada County, in the plains east of the Cascade Range, and in Mono County; small, isolated populations nest in the Central Valley; winters on the coast from San Luis Obispo County to San Diego County, the Central Valley from Tehama County to Kern County, the eastern Sierra Nevada from Sierra County to Alpine County, the Channel Islands, and in Imperial County	Freshwater and saltwater marshes, lowland meadows, and irrigated alfalfa fields; needs dense tules or tall grass for nesting and daytime roosts	No known occurrences or suitable habitat on project area
Black rail <i>Laterallus jamaicensis</i>	SC/T		Permanent resident in the San Francisco Bay and eastward through the Delta into Sacramento and San Joaquin Counties; small populations in Marin, Santa Cruz, San Luis Obispo, Orange, Riverside, and Imperial Counties	Tidal salt marshes associated with heavy growth of pickleweed; also occurs in brackish marshes or freshwater marshes at low elevations	No known occurrences or suitable habitat in project area
Loggerhead shrike <i>Lanius ludovicianus</i>	--/SSC		Resident and winter visitor in lowlands and foothills throughout California; rare on coastal slope north to Mendocino County, occurring only in winter	Prefers open habitats with scattered shrubs, trees, posts, fences, utility lines, or other perches	No known occurrences; suitable habitat present in ruderal/annual grassland on Brentwood WWTP

3C-9

I-020975

I-020975

Species	Status*		Distribution in California	Habitats	Occurrence in Project Area
	Federal/State				
Little willow flycatcher <i>Empidonax traillii brewsteri</i>	SC/E		Summer range includes a narrow strip along the eastern Sierra Nevada from Shasta County to Kern County, another strip along the western Sierra Nevada from El Dorado County to Madera County; widespread in migration	Riparian areas and large, wet meadows with abundant willows for breeding; usually found in riparian habitats during migration	No known occurrences; would only occur in project area during migration
California yellow warbler <i>Dendroica petechia brewsteri</i>	--SSC		Nests over all of California except the Central Valley, the Mojave Desert region, and high altitudes in the Sierra Nevada; winters along the Colorado River and in parts of Imperial and Riverside Counties; two small permanent populations in San Diego and Santa Barbara Counties	Nests in riparian areas dominated by willows, cottonwoods, sycamores, or alders or in mature chaparral; may also use oaks, conifers, and urban areas near streamcourses	No known occurrences; would only occur in project area during migration
Tricolored blackbird <i>Agelaius tricolor</i>	SC/SSC		Largely endemic to California; permanent residents in the Central Valley from Butte County to Kern County, at scattered coastal locations from Marin County south to San Diego County; breeds at scattered locations in Lake, Sonoma, and Solano Counties; nests rarely in Siskiyou, Modoc, and Lassen Counties	Nests in dense colonies in emergent marsh vegetation such as tules and cattails or at upland sites with blackberries, nettles, thistles, and grainfields; nesting habitat must be large enough to support 50 pairs; probably requires water at or near the nesting colony; requires large foraging areas (e.g., marshes, pastures, agricultural wetlands, dairies, and feedlots) where abundant insect prey are available	No known occurrences in project area; low quality breeding habitat in Marsh Creek; suitable foraging habitat in ruderal/annual grasslands
Pallid bat <i>Antrozous pallidus</i>	--SSC		Low elevations throughout California	Rocky outcrops, cliffs, and crevices for roosting; requires access to open habitats for foraging	No known occurrences or suitable breeding habitat in project area
Townsend's western big-eared bat <i>Plecotus townsendii townsendii</i>	SC/SSC		Coastal regions from Del Norte County south to Santa Barbara County	Roosts in caves, tunnels, mines, and dark attics of abandoned buildings; very sensitive to disturbance and may abandon a roost after human visit	No known occurrences or suitable breeding habitat in project area
San Joaquin pocket mouse <i>Perognathus parvus</i>	SC/--		Occurs along the eastern side of the San Joaquin Valley	Favors grasslands and oak savannas with friable soils	No known occurrences in project area; low quality habitat present in ruderal/annual grasslands areas on Brentwood Wastewater Treatment plant

3C-10

1-020976

Species	Status*		Distribution in California	Habitats	Occurrence in Project Area
	Federal/State				
San Joaquin kit fox <i>Vulpes macrotis nuttica</i>	E/T		Occurs principally in the San Joaquin Valley and adjacent open foothills to the west; recent records from 17 counties extending from Kern County north to Contra Costa County	Saltbush scrub, grassland, oak savanna, and freshwater scrub	No known occurrences in project area; low quality habitat present in ruderal/annual grassland areas on Brentwood Wastewater Treatment plant
American badger <i>Taxidea taxus</i>	--/SSC		Occurs statewide except for the northwestern corner of Del Norte County and parts of Humboldt and Siskiyou Counties	Uses open areas with scattered shrubs and trees for cover and loose soil for digging	No known occurrences in project area; low quality habitat present in ruderal/annual grassland areas on Brentwood Wastewater Treatment plant
Fish					
Winter-run chinook salmon <i>Oncorhynchus mykiss</i>	E/E		Occurs in the Sacramento and Calaveras Rivers	Cool, clear water with gravel/cobble substrate for spawning; riparian vegetation for food production and cover	Potential passageway for migrating smolts near Marsh Creek confluence with Big Break
Delta smelt <i>Hypomesus transpacificus</i>	T/T		Occurs primarily in the Bay-Delta but also in the lower reaches of the Sacramento and San Joaquin Rivers	Estuarine and fresh water (where salinity is generally less than 2 ppt)	Potential habitat for adults and for rearing larval and juvenile fish in mouth of Marsh Creek
Sacramento splittail <i>Pogonichthys macrolepidotus</i>	PT/SSC		Occurs primarily in the Bay-Delta but also in the lower reaches of the Sacramento River, its tributaries, and the San Joaquin River	Estuarine and fresh water (salinities no greater than 18 ppt), shallow edge water with vegetation	Potential habitat for adults and for rearing larval and juvenile fish in mouth of Marsh Creek

* Status definitions

Federal

- E -- listed as endangered under the federal Endangered Species Act.
- T -- listed as threatened under the federal Endangered Species Act.
- C -- candidate species are species for which USFWS has on file sufficient information on biological vulnerability and threat(s) to support issuance of a proposed rule to list but issuance of the proposed rule is precluded.
- SC -- species of concern are those species for which existing information indicates it may warrant listing but for which substantial biological information to support a proposed rule is lacking.
- -- no status definition.

3C-11

I-020977

I-020977

State	
E	= listed as <i>endangered</i> under the California Endangered Species Act.
T	= listed as <i>threatened</i> under the California Endangered Species Act.
FP	= fully protected under the California Fish and Game Code.
SSC	= species of special concern in California.
--	= no status definition.

3C-12

1-020978

1-020978

No suitable breeding habitat is present in the affected area for the following special-status species: vernal pool fairy shrimp, curve-foot hygrotus diving beetle, Molestan blister beetle, California tiger salamander, giant garter snake, golden eagle, short-eared owl, black rail, pallid bat, and Townsend's western big-eared bat. The following species are visitors that do not breed in the project area: sharp-shinned hawk, Cooper's hawk, ferruginous hawk, prairie falcon, little willow flycatcher, and yellow warbler.

Valley Elderberry Longhorn Beetle. The VELB (*Desmocerus californicus dimorphus*) is a species federally listed as threatened; it feeds and breeds on elderberry shrubs throughout lowland California. Elderberry shrubs are known to occur along Marsh Creek. However, the elderberry shrubs are located outside of the creek channel, on the opposite side of the levee road that runs along the creek, and would not be affected by project activities.

Western Pond Turtle. The western pond turtle (*Clemmys marmorata*) is a federal species of concern and a state species of special concern. The western pond turtle occurs throughout California in ponds, marshes, rivers, and irrigation canals with muddy or rocky bottoms and emergent vegetation. No pond turtles were observed during surveys, and project activities would potentially increase the amount of ponded water in the creek creating more habitat than currently exists.

Northern Harrier. The northern harrier (*Circus cyaneus*) is a state species of special concern. Northern harriers are residents throughout lowlands in California. Northern harriers construct their nests on the ground in tall vegetative cover (e.g., grasslands, meadows, and marshes). They are known to nest in the region, but potential nesting habitat is limited because most of the project area is disturbed. No northern harriers were observed on the project site during field surveys.

White-Tailed Kite. The white-tailed kite (*Elanus leucurus*) is a fully protected species under the California Fish and Game Code. White-tailed kites nest and winter throughout the lowlands of California. Nests are constructed in trees, often in riparian corridors, and a few white-tailed kites are known to nest in the region. White-tailed kites were not observed during field surveys on the project site.

Western Burrowing Owl. The western burrowing owl (*Athene cunicularia hypugea*) is a federal species of concern and a state species of special concern. Burrowing owl nests are also protected by California Fish and Game Code Section 3503.5. Potential burrowing owl habitat (ruderal-annual grassland) occurs on the WWTP site and several burrowing owls are known to occur there also. During the reconnaissance-level field surveys, two burrowing owls were observed on the WWTP site near the emergency holding pond.

Loggerhead Shrike. The loggerhead shrike is a state species of special concern. Loggerhead shrikes are relatively common in lowland California and prefer open habitat with scattered shrubs and trees for nesting. Loggerhead shrikes were not observed in the project area during surveys but suitable habitat is present on the WWTP site.

Tricolored Blackbird. The tricolored blackbird (*Agelaius tricolor*) is a federal species of concern and a state species of special concern. Tricolored blackbirds breed and winter in California and nest primarily in scattered locations in the Central Valley. They typically nest in colonies in emergent marsh vegetation or upland sites, including blackberries and grain crops. Statewide surveys (Beedy and Hamilton 1997) found no nesting colonies of tricolored blackbirds near the project area. However, tricolored blackbirds were occasionally observed during winter in the region, and suitable foraging and resting habitat is present, especially in ruderal-annual grassland and marsh habitat. The tricolored blackbird was not observed during field surveys.

San Joaquin Pocket Mouse. The San Joaquin pocket mouse is a federal species of concern. Historically, the pocket mouse occurred throughout the Central Valley, but now it occurs principally along the east side of the San Joaquin Valley in grassland and oak savanna. The ruderal-annual grassland on the WWTP site may provide some low-quality habitat for the species.

San Joaquin Kit Fox. The San Joaquin kit fox (*Vulpes macrotis mutica*) is federally listed as endangered and state listed as threatened. The San Joaquin kit fox occurs principally in the San Joaquin Valley and foothills. The species uses a variety of habitats for burrowing and foraging, including saltbush scrub, grassland, oak savanna, and rangeland.

Although no surveys were conducted for the species, the project site is within the range of the kit fox and ruderal-annual grassland habitat occurs on the project site. Habitat on the project site and immediately surrounding area is not suitable for the San Joaquin kit fox, however, even though kit fox are known to use ruderal-annual grassland. The closest recorded kit fox sighting was 7 miles south of the project area near the Byron Hot Springs (Larson pers. comm.). The ruderal-annual grassland habitat on the site is fragmented and disturbed, and the habitat types surrounding the project area are mostly unsuitable (row crops, grain, orchard, and residential areas). Additionally, the project site is fenced, limiting access to the site, and regular maintenance of the WWTP (e.g., driving, disking, and foot travel) further reduces the possibility that the site would be used by the kit fox.

American Badger. The American badger (*Taxidea taxus*) is a state species of special concern. American badgers occur throughout California in open areas with loose soil. Badgers were not observed during surveys but suitable habitat is present in the general study area.

Delta Smelt. Delta smelt (*Hypomesus transpacificus*) is federally listed and state listed as threatened. The species is found mainly in the waters of the Delta and Suisun Bay. Delta smelt are small (usually less than 3.5 inches long), plankton-feeding fish that live for only 1 year. Adults and older juveniles live principally in shallow water or near the surface in deeper water, where they feed on zooplankton, particularly copepods (*Eurytemora affinis*, *Pseudodiaptomus forbesi*, and others) (Moyle et al. 1992). Mysids (*Neomysis mercedis*), cladocerans, and amphipods may be important food items, depending on prey availability and the size of the smelt. Delta smelt are not known to occur in the vicinity of the proposed outfall facility.

Delta smelt generally spawn in fresh water (Wang 1991). Spawning is believed to take place primarily in shallow edgewater and river areas under tidal influence with moderate to fast velocities

(Wang 1991, California Department of Water Resources and U.S. Bureau of Reclamation 1994). The delta smelt population is concentrated in the estuary west of the confluence of the Sacramento and San Joaquin Rivers in high-outflow years and in the Delta in low-outflow years (Stevens et al. 1990, Moyle et al. 1992). Delta smelt are found at salinities of 0-14 parts per thousand (ppt) (Moyle et al. 1992), but they are most abundant at salinity levels between approximately 0.45 and 4.40 ppt (California Department of Water Resources and U.S. Bureau of Reclamation 1994). There is no evidence that salinity has a direct effect on adult delta smelt, but freshwater flow patterns may influence spawning migration.

Sacramento Splittail. Sacramento splittail (*Pogonichthys macrolepidotus*) is proposed for listing as threatened under the federal Endangered Species Act and is a state species of special concern. The fish are large (greater than 30 centimeters long) cyprinids endemic to the lakes and rivers of the Central Valley of California (Moyle and Herbold 1989). Sacramento splittail are most abundant in Suisun Bay, Suisun Marsh, and the Sacramento-San Joaquin Delta.

Sacramento splittail are freshwater fish capable of tolerating moderate levels of salinity (10-18 ppt). These fish typically spawn from March through May when water temperatures are between 9°C and 20°C (Moyle 1976, Wang 1986). Larval Sacramento splittail are commonly found in the shallow, weedy areas where spawning occurs. The larvae eventually move into deeper, open water habitats of Suisun and San Pablo Bays as they grow and become juveniles (Wang 1986).

IMPACTS OF THE PROPOSED PROJECT

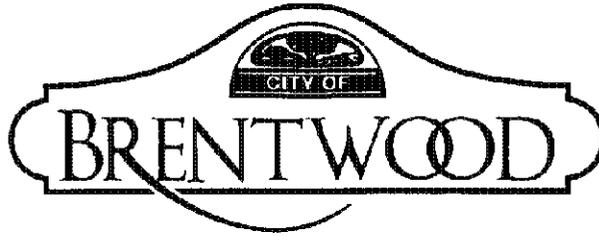
Significance Criteria

Significance criteria for this analysis were established on the basis of Appendix G of the State CEQA Guidelines and professional judgment. The proposed project would have a significant impact on biological resources if it would:

- substantially reduce the extent or value of fish or wildlife habitat,
- have potential to eliminate a plant or animal community, or
- reduce the overall population or range of a special-status species.

Impact: Construction of the effluent outfall could result in the loss or modification of wetlands or other waters of the United States that are under the jurisdiction of the Corps and/or DFG. This potential impact is considered less than significant.

Construction of the effluent outfall could result in the loss or modification of wetlands or other waters of the United States that are under jurisdiction of the Corps and/or DFG. Wetlands typically provide important wildlife and fisheries habitat; however, because of the limited amount of vegetation and the degradation of the site resulting from channelization of Marsh Creek, few



April 13, 1999

Steve Fiala, Trails Specialist
East Bay Regional Park District
P. O. Box 5381
Oakland, CA 94605-5368

**SUBJECT: Proposal for Project
City of Brentwood Marsh Habitat and Educational Center**

Dear Mr. Fiala:

Please review the attached proposal for a new marsh habitat and environmental educational center in the City of Brentwood which will be submitted to CALFED for consideration. Also attached is a rough sketch of the area in which it will be located. The project is in the concept stage; design and planning will not commence until a funding decision is made by CALFED.

We believe that this project will be of great benefit to plant and wildlife in the area and will become a viable, self-sustaining marsh habitat. We will coordinate design, planning and implementation of the project with EBRPD since the Marsh Creek Trail is immediately adjacent to the site.

Thank you for your assistance with this project. If you have any questions, I can be reached at 925.516-5159. We look forward to hearing from you at your earliest convenience.

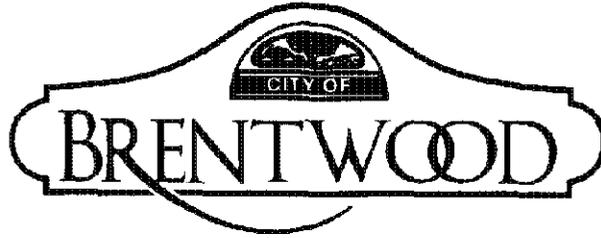
Sincerely,

A handwritten signature in cursive script that reads "Karen Wahl".

Karen Wahl
Engineering Technician

Exhibit E

City Hall - 708 Third Street, Brentwood, California 94513 • (925) 634-6900 • Fax: (925) 634-6930
Police Department - 500 Chestnut Street, Brentwood, California 94513 • (925) 634-6911 • Fax: (925) 634-6919



April 13, 1999

Mark Boucher
Contra Costa County Flood Control and Water Conservation District
255 Glacier Drive
Martinez, CA 94553

**SUBJECT: Proposal for Project
City of Brentwood Marsh Habitat and Educational Center**

Dear Mr. Boucher:

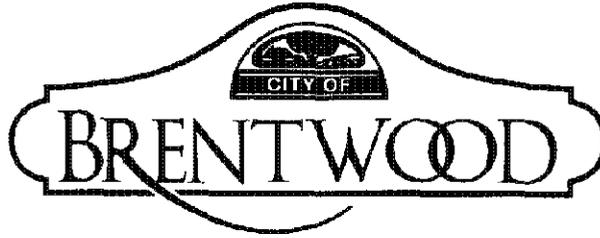
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We believe that this project will be of great benefit to plant and wildlife in the area and will become a viable, self-sustaining marsh habitat. We would like to coordinate design, planning and implementation of the project with CCCFC&WCD since it will be on the site of the project for expansion of the wastewater treatment plant adjacent to Marsh Creek.

Thank you for your assistance with this project. If you have any questions, I can be reached at 925.516-5159. We look forward to hearing from you at your earliest convenience.

Sincerely,

Karen Wahl
Engineering Technician



April 13, 1999

Joe Canciamilla, Chair
Contra Costa County Board of Supervisors
315 E. Leland Avenue
Pittsburg, CA 94565

**SUBJECT: Proposal for Project
City of Brentwood Marsh Habitat and Educational Center**

In accordance with CALFED guidelines and for your information, we are forwarding the attached proposal for a Marsh Habitat and Educational Center that will be submitted for consideration of grant funding. Also attached is a rough sketch of the area in which it will be located. The project is in the concept stage; design and planning will not commence until a funding decision is made by CALFED.

We believe that this project will be of great benefit to plant and wildlife in the area and will become a viable, self-sustaining marsh habitat.

Thank you for your assistance with this project. If you have any questions, I can be reached at 925.516-5159.

Sincerely,

A handwritten signature in cursive script that reads "Karen Wahl".

Karen Wahl
Engineering Technician



April 13, 1999

Dennis Barry, Deputy Director
Current Planning/Land Development
Contra Costa County Community Development Department
651 Pine Street, North Wing
Martinez, CA 94553

**SUBJECT: Proposal for Project
City of Brentwood Marsh Habitat and Educational Center**

In accordance with CALFED guidelines and for your information, we are forwarding the attached proposal for a Marsh Habitat and Educational Center that will be submitted for consideration of grant funding. Also attached is a rough sketch of the area in which it will be located. The project is in the concept stage; design and planning will not commence until a funding decision is made by CALFED.

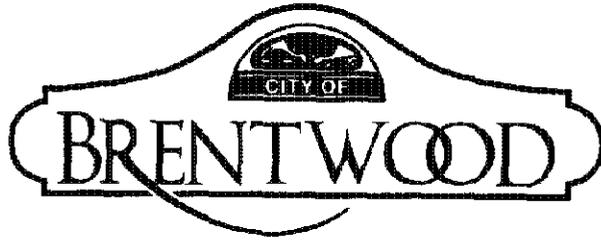
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Thank you for your assistance with this project. If you have any questions, I can be reached at 925.516-5159.

Sincerely,

A handwritten signature in cursive script that reads "Karen Wahl".

Karen Wahl
Engineering Technician



April 13, 1999

Holly Hopkins Andree, Director
Ducks Unlimited, Inc.
3074 Gold Canal Drive
Rancho Cordova, CA 95670-6116

**SUBJECT: Proposal for Project
City of Brentwood Marsh Habitat and Educational Center**

Dear Ms. Andree:

Please review the attached proposal for a new marsh habitat and environmental educational center in the City of Brentwood which will be submitted to CALFED for consideration. Also attached is a rough sketch of the area in which it will be located. The project is in the concept stage; design and planning will not commence until a funding decision is made by CALFED.

We believe that this project will be of great benefit to plant and wildlife in the area and will become a viable, self-sustaining marsh habitat. We would like to coordinate design, planning and implementation of the project with Ducks Unlimited given your organizations long track record of habitat projects.

Thank you for your assistance with this project. If you have any questions, I can be reached at 925.516-5159. We look forward to hearing from you at your earliest convenience.

Sincerely,

A handwritten signature in cursive script that reads "Karen Wahl".

Karen Wahl
Engineering Technician

City Hall - 708 Third Street, Brentwood, California 94513 • (925) 634-6900 • Fax: (925) 634-6930
Police Department - 500 Chestnut Street, Brentwood, California 94513 • (925) 634-6911 • Fax: (925) 634-6919



April 13, 1999

Stephen Barbata
Delta Science Center
86 Orchard Estates Drive
Walnut Creek, CA 94598

**SUBJECT: Proposal for Project
City of Brentwood Marsh Habitat and Educational Center**

Dear Mr. Barbata:

Please review the attached proposal for a new marsh habitat and environmental educational center in the City of Brentwood which will be submitted to CALFED for consideration. Also attached is a rough sketch of the area in which it will be located. The project is in the concept stage; design and planning will not commence until a funding decision is made by CALFED.

We believe that this project will be of great benefit to plant and wildlife in the area and will become a viable, self-sustaining marsh habitat. We would like to coordinate design, planning and implementation of the project with the Delta Science Center given the Center's focus on environmental education.

Thank you for your assistance with this project. If you have any questions, I can be reached at 925.516-5159. We look forward to hearing from you at your earliest convenience.

Sincerely,

A handwritten signature in cursive script that reads "Karen Wahl".

Karen Wahl
Engineering Technician



April 13, 1999

Delta Protection Commission
14215 River Road
P. O. Box 530
Walnut Grove, CA 95690

**SUBJECT: Proposal for Project
City of Brentwood Marsh Habitat and Educational Center**

To Whom it May Concern:

In accordance with CALFED guidelines, we are forwarding the attached proposal for a Marsh Habitat and Educational Center that will be submitted for consideration of grant funding. Also attached is a rough sketch of the area in which it will be located. The project is in the concept stage; design and planning will not commence until a funding decision is made by CALFED.

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Thank you for your assistance with this project. If you have any questions, I can be reached at 925.516-5159.

Sincerely,

A handwritten signature in cursive script that reads "Karen Wahl".

Karen Wahl
Engineering Technician

**NONCOLLUSION AFFIDAVIT TO BE EXECUTED BY
BIDDER AND SUBMITTED WITH BID FOR PUBLIC WORKS**

STATE OF CALIFORNIA)
)ss
COUNTY OF Contra Costa)

Jon Elam , being first duly sworn, deposes and
(name)
says that he or she is City Manager of
(position title)
City of Brentwood ,
(the bidder)

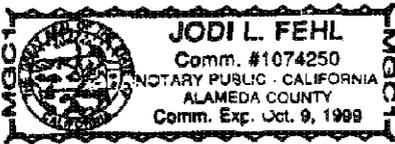
the party making the foregoing bid that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

DATED: April 15, 1999

By Jon Elam
(person signing for bidder)

Subscribed and sworn to before me on
April 15, 1999

Jodi L. Fehl
(Notary Public)



(Notarial Seal)

U.S. Department of the Interior

Certifications Regarding Debarment, Suspension and
Other Responsibility Matters, Drug-Free Workplace
Requirements and Lobbying

Persons signing this form should refer to the regulations referenced below for complete instructions:

Certification Regarding Debarment, Suspension, and Other Responsibility Matters - Primary Covered Transactions - The prospective primary participant further agrees by submitting this proposal that it will include the clause titled, "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transaction," provided by the department or agency entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions. See below for language to be used; use this form for certification and sign; or use Department of the Interior Form 1954 (DI-1954). (See Appendix A of Subpart D of 43 CFR Part 12.)

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions - (See Appendix B of Subpart D of 43 CFR Part 12.)

Certification Regarding Drug-Free Workplace Requirements - Alternate I. (Grantees Other Than Individuals) and Alternate II. (Grantees Who are Individuals) - (See Appendix C of Subpart D of 43 CFR Part 12)

Signature on this form provides for compliance with certification requirements under 43 CFR Parts 12 and 18. The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Department of the Interior determines to award the covered transaction, grant, cooperative agreement or loan.

PART A: Certification Regarding Debarment, Suspension, and Other Responsibility Matters - Primary Covered Transactions

CHECK XX IF THIS CERTIFICATION IS FOR A PRIMARY COVERED TRANSACTION AND IS APPLICABLE.

- (1) The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
 - (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
 - (d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
- (2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

PART B: Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions

CHECK IF THIS CERTIFICATION IS FOR A LOWER TIER COVERED TRANSACTION AND IS APPLICABLE

- (1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

DI-7818
March 1995
This form consolidates DI 1953, DI 1954,
DI 1955, DI 1956 and DI 1963

PART C: Certification Regarding Drug-Free Workplace Requirements

CHECK IF THIS CERTIFICATION IS FOR AN APPLICANT WHO IS NOT AN INDIVIDUAL.

Alternate I. (Grantees Other Than Individuals)

A. The grantee certifies that it will or continue to provide a drug-free workplace by:

- (a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the grantee's workplace and specifying the actions that will be taken against employees for violation of such prohibition;
- (b) Establishing an ongoing drug-free awareness program to inform employees about--
 - (1) The dangers of drug abuse in the workplace;
 - (2) The grantee's policy of maintaining a drug-free workplace;
 - (3) Any available drug counseling, rehabilitation, and employee assistance programs; and
 - (4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;
- (c) Making it a requirement that each employee to be engaged in the performance of the grant be given a copy of the statement required by paragraph (a);
- (d) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will --
 - (1) Abide by the terms of the statement; and
 - (2) Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction;
- (e) Notifying the agency in writing, within ten calendar days after receiving notice under subparagraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title, to every grant officer on whose grant activity the convicted employee was working, unless the Federal agency has designated a central point for the receipt of such notices. Notice shall include the identification numbers(s) of each affected grant;
- (f) Taking one of the following actions, within 30 calendar days of receiving notice under subparagraph (d)(2), with respect to any employee who is so convicted --
 - (1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or
 - (2) Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency.
- (g) Making a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs (a) (b), (c), (d), (e) and (f).

B. The grantee may insert in the space provided below the site(s) for the performance of work done in connection with the specific grant:

Place of Performance (Street address, city, county, state, zip code)

Check if there are workplaces on file that are not identified here

PART D: Certification Regarding Drug-Free Workplace Requirements

CHECK IF THIS CERTIFICATION IS FOR AN APPLICANT WHO IS AN INDIVIDUAL.

Alternate II. (Grantees Who Are Individuals)

- (a) The grantee certifies that, as a condition of the grant, he or she will not engage in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance in conducting any activity with the grant;
- (b) If convicted of a criminal drug offense resulting from a violation occurring during the conduct of any grant activity, he or she will report the conviction, in writing, within 10 calendar days of the conviction, to the grant officer or other designee, unless the Federal agency designates a central point for the receipt of such notices. When notice is made to such a central point, it shall include the identification number(s) of each affected grant.

**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.**

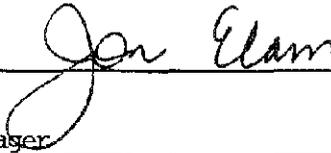
The undersigned certifies, to the best of his or her knowledge and belief, that:

- (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 Jon Elam, City Manager

DATE April 15, 1999

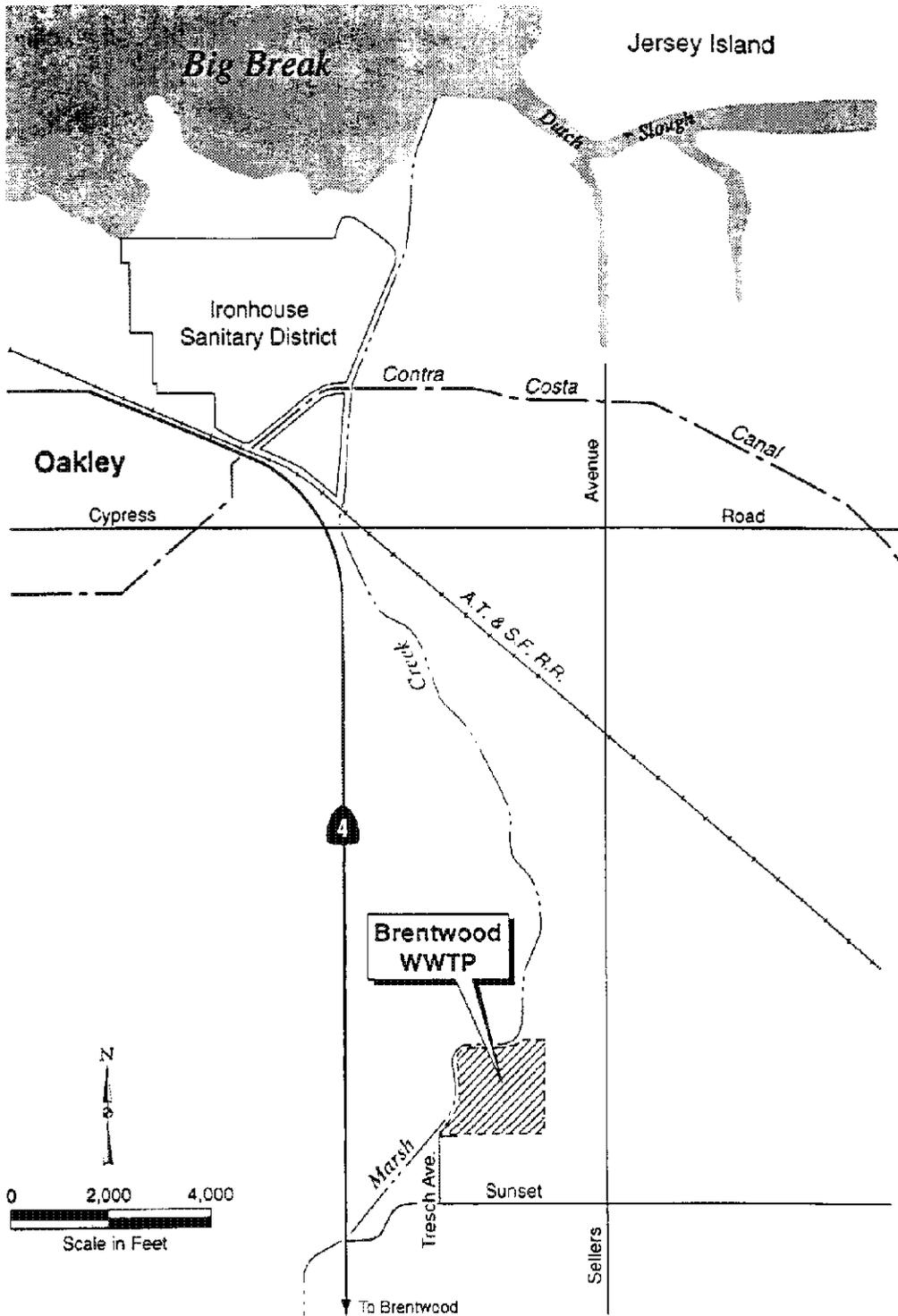
**APPLICATION FOR
FEDERAL ASSISTANCE**

OMB Approval No. 0348-0043

1. TYPE OF SUBMISSION: Application <input checked="" type="checkbox"/> Construction <input 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: City of Brentwood		Organizational Unit:	
Address (give city, county, State, and zip code): 708 Third Street Brentwood, CA 94513 Contra Costa County		Name and telephone number of person to be contacted on matters involving this application (give area code) Karen Wahl, 925.516-5159	
6. EMPLOYER IDENTIFICATION NUMBER (EIN): 94 - 6000303		7. TYPE OF APPLICANT: (enter appropriate letter in box) <input type="checkbox"/> A. State <input type="checkbox"/> B. County <input type="checkbox"/> C. Municipal <input type="checkbox"/> D. Township <input type="checkbox"/> E. Interstate <input type="checkbox"/> F. Intermunicipal <input type="checkbox"/> G. Special District <input checked="" type="checkbox"/> H. Independent School Dist. <input type="checkbox"/> I. State Controlled Institution of Higher Learning <input type="checkbox"/> J. Private University <input type="checkbox"/> K. Indian Tribe <input type="checkbox"/> L. Individual <input type="checkbox"/> M. Profit Organization <input type="checkbox"/> N. Other (Specify) _____	
8. TYPE OF APPLICATION: <input 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): _____		9. NAME OF FEDERAL AGENCY: Bureau of Reclamation	
10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: []-[]-[]-[]-[]-[] TITLE:		11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: Brentwood Marsh Habitat Educational Center	
12. AREAS AFFECTED BY PROJECT (Cities, Counties, States, etc.): Brentwood, Contra Costa County, Calif.			
13. PROPOSED PROJECT marsh habitat		14. CONGRESSIONAL DISTRICTS OF: California, 10th District	
Start Date 1999	Ending Date 2002	a. Applicant City of Brentwood	b. Project marsh habitat educational center
15. ESTIMATED FUNDING: \$435,600		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?	
a. Federal	\$ 384,600.00	a. YES. THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON: DATE _____	
b. Applicant	\$ 51,000.00	b. No. <input type="checkbox"/> PROGRAM IS NOT COVERED BY E. O. 12372 <input 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	\$.00		
f. Program Income	\$.00		
g. TOTAL	\$.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. Type Name of Authorized Representative Jon Elam		b. Title City Manager	c. Telephone Number 925.634-6940
d. Signature of Authorized Representative 		e. Date Signed April 15, 1999	

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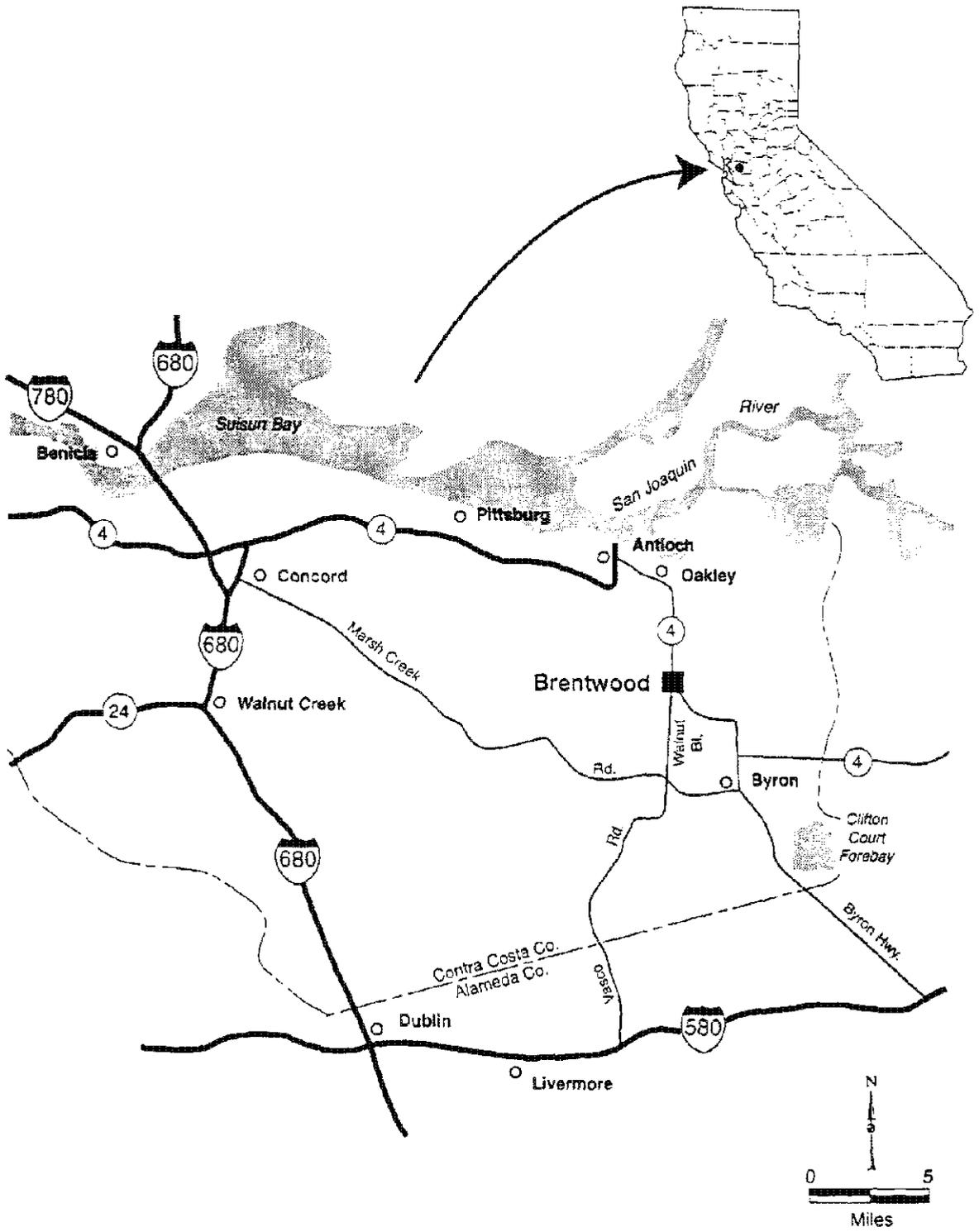
Standard Form 424 (Rev. 7-97)
Prescribed by OMB Circular A-102



Jones & Stokes Associates, Inc.

Project Site and Location of Major Surface Water Resources

3A-2



Jones & Stokes Associates Inc.

Figure 2-1
Regional Location of Brentwood

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. | | |

SF-424 (Rev. 7-97) Back

BUDGET INFORMATION - Non-Construction Programs

SECTION A - BUDGET SUMMARY

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.		\$	\$	\$	\$	\$
2.						
3.						
4.						
5. Totals		\$	\$	\$	\$	\$

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
a. Personnel	\$	\$	\$	\$	\$
b. Fringe Benefits					
c. Travel					
d. Equipment					
e. Supplies					
f. Contractual					
g. Construction					
h. Other					
i. Total Direct Charges (sum of 6a-6h)					
j. Indirect Charges					
k. TOTALS (sum of 6i and 6j)	\$	\$	\$	\$	\$
7. Program Income	\$	\$	\$	\$	\$

1-020997

1-020997

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 (03-48-0044), 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.

1-020999

SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8.	\$	\$	\$	\$	
9.					
10.					
11.					
12. TOTAL (sum of lines 8 - 11)	\$	\$	\$	\$	
SECTION D - FORCASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$	\$	\$	\$	\$
14. NonFederal					
15. TOTAL (sum of lines 13 and 14)					
SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT					
(a) Grant Program	FUTURE FUNDING PERIODS (Years)				
	(b) First	(c) Second	(d) Third	(e) Fourth	
16.	\$	\$	\$	\$	
17.					
18.					
19.					
20. TOTAL (sum of lines 16-19)	\$	\$	\$	\$	
SECTION F - OTHER BUDGET INFORMATION					
21. Direct Charges:			22. Indirect Charges:		
23. Remarks:					

1-020999

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.

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

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. §§472b-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.

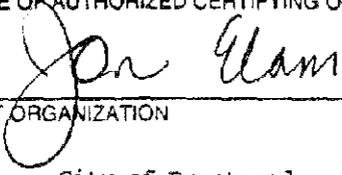
Section F. Other Budget Information

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 City Manager
APPLICANT ORGANIZATION City of Brentwood	DATE SUBMITTED April 15, 1999

Standard Form 424B (Rev. 7-97) Back

INSTRUCTIONS FOR THE SF 424C

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 (0348-0041), 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 sheet is to be used for the following types of applications: (1) "New" (means a new [previous unfunded] assistance award); (2) "Continuation" (means funding in a succeeding budget period which stemmed from a prior agreement to fund); and (3) "Revised" (means any changes in the Federal government's financial obligations or contingent liability from an existing obligation). If there is no change in the award amount there is no need to complete this form. Certain Federal agencies may require only an explanatory letter to the effect minor (no cost) changes. If you have questions please contact the Federal agency.

Column a.--If this is an application for a "New" project, enter the total estimated cost of each of the items listed on lines 1 through 16 (as applicable) under "COST CLASSIFICATIONS."

If this application entails a change to an existing award, enter the eligible amounts approved under the previous award for the items under "COST CLASSIFICATION."

Column b.--If this is an application for a "New" project, enter that portion of the cost of each item in Column a, which is not allowable for Federal assistance in determining the allowability of specific costs.

If this application entails a change to an existing award, enter the adjustment [- or (-)] to the previously approved costs (from column a.) reflected in this application.

Column c.--This is the net of lines 1 through 16 in columns "a." and "b."

Line 1--Enter estimated amounts needed to cover administrative expenses. Do not include costs which are related to the normal functions of government. Allowable legal costs are generally only those associated with the purchase of land which is allowable for Federal participation and certain services in support of construction of the project.

Line 2--Enter estimated site and right(s)-of-way acquisition costs (this includes purchase, lease, and/or easements).

Line 3--Enter estimated costs related to relocation advisory assistance, replacement housing, relocation payments to displaced persons and businesses, etc.

Line 4--Enter estimated basic engineering fees related to construction (this includes start-up services and preparation of project performance work plan).

Line 5--Enter estimated engineering costs, such as surveys, tests, soil borings, etc.

Line 6--Enter estimated engineering inspection costs.

Line 7--Enter estimated costs of site preparation and restoration which are not included in the basic construction contract.

Line 9--Enter estimated cost of the construction contract.

Line 10--Enter estimated cost of office, shop, laboratory, safety equipment, etc. to be used at the facility, if such costs are not included in the construction contract.

Line 11--Enter estimated miscellaneous costs.

Line 12--Total of items 1 through 11.

Line 13--Enter estimated contingency costs. (Consult the Federal agency for the percentage of the estimated construction cost to use.)

Line 14--Enter the total of lines 12 and 13.

Line 15--Enter estimated program income to be earned during the grant period, e.g., salvaged materials, etc.

Line 16--Subtract line 15 from line 14.

Line 17--This block is for the computation of the Federal share. Multiply the total allowable project costs from line 16, column "c." by the Federal percentage share (this may be up to 100 percent; consult Federal agency for Federal percentage share) and enter the product on line 17.

SF 424C (Rev. 4-92) Back

BUDGET INFORMATION -- Construction Programs

NOTE: Certain Federal assistance programs require additional computations to arrive at the Federal share of project costs eligible for participation. If such is the case you will be notified.

COST CLASSIFICATION		a. Total Cost	b. Costs Not Allowable for Participation	c. Total Allowable Costs (Column a-b)
1.	Administrative and legal expenses	\$ 17,188	\$	\$
2.	Land, structures, rights-of-way, appraisals, etc.	\$ -	\$	\$
3.	Relocation expenses and payments	\$ -	\$	\$
4.	Architectural and engineering fees	\$ 32,841	\$	\$
5.	Other architectural and engineering fees	\$ -	\$	\$
6.	Project inspection fees	\$ 11,363	\$	\$
7.	Site work	\$ -	\$	\$
8.	Demolition and removal	\$ -	\$	\$
9.	Construction	\$ 295,652	\$	\$
10.	Equipment	\$ -	\$	\$
11.	Miscellaneous	\$ 21,739	\$	\$
12.	SUBTOTAL	\$ 378,783	\$	\$
13.	Contingencies	\$ 65,340	\$	\$
14.	SUBTOTAL	\$ 435,600	\$	\$
15.	Project (program) income	\$ -	\$	\$
16.	TOTAL PROJECT COSTS (subtract #15 from #14)	\$ 435,600	\$	\$
17.	Federal assistance requested, calculate as follows: (Consult Federal agency for Federal percentage share). Enter the resulting Federal share.	Enter eligible costs from line 16c Multiply X	%	\$

1-021004

1-021004

ASSURANCES -- 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 (0348-0042), 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.

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 assistance 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:

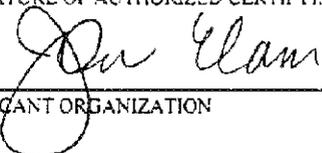
1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give 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 assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title, or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal interest in the title of real property in accordance with awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure non-discrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progress reports and such other information as may be required by the assistance awarding agency or State.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. 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.
8. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. Secs. 4723-4763) relating to prescribed standards for merit systems for programs funded under one of the nineteen 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).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. Secs. 4801 et seq.) which prohibits the use of lead based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statutes relating to non-discrimination. 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. Secs. 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. Secs. 794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. Secs. 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) Secs. 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. Secs. 3601 et seq.), as amended, relating to non-discrimination in the sale, rental or financing of housing; (i) any other non-discrimination provisions in the specific statute(s) under which application for Federal assistance is being made, and (j) the requirements of any other non-discrimination Statute(s) which may apply to the application.

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11. 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 provides for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal and federally assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
12. Will comply with the provisions of the Hatch Act (5 U.S.C. Secs. 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.
13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. Secs. 276a to 276a - 7), the Copeland Act (40 U.S.C. Secs. 276c and 18 U.S.C. Sec. 874), the Contract Work Hours and Safety Standards Act (40 U.S.C. Secs. 327-333), regarding labor standards for federally assisted construction subagreements.
14. Will comply 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.
15. 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. Secs. 1451 et seq.); (f) conformity of Federal actions to State (Clear Air) Implementation Plans under Section 176(c) of the Clear Air Act of 1955, as amended (42 U.S.C. Secs. 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).
16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. Secs. 1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
17. 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. Sec. 470), EO 11593 (identification and preservation of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. 469a-1 et seq.).
18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act of 1984.
19. 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 City Manager
APPLICANT ORGANIZATION City of Brentwood	DATE SUBMITTED April 15, 1999

SF 424D (Rev. 4/92) Back