

San Pablo Bay Watershed Capacity Development

Applicant:

North Bay Watershed Association (NBWA)

c/o Leon Eddings

Las Gallinas Valley Sanitary District
300 Smith Ranch Rd.
San Rafael, CA 94903

Telephone: (415) 472-1734 Fax: (415) 499-7715

Applicant Type: Public Agency

Tax Status: Non-profit

Tax I.D. 946033439

Participants:

Bay Institute, California Coastal Conservancy, Central Marin Sewerage Agency, City of Petaluma, East Bay Municipal Utility District, Environmental Protection Agency, Region 9, Las Gallinas Sanitary District, Marin County, Marin County Sanitary Districts No. 1 and No. 5, Marin County Stormwater Pollution Prevention Program, Marin Municipal Water District, Mill Valley Streamkeepers, North Marin Water District, Novato Sanitary Agency, Regional Water Quality Control Board, San Francisco Region, Riparian Station, San Francisco Bay Model, Save San Francisco Bay, Sonoma County, Sonoma County Water Agency, US Army Corps of Engineers

Technical and Financial Contact

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3468 Mt. Diablo Blvd., Suite B-100
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4.5 PSP Cover Sheet (Attach to the front of each proposal)

Proposal Title: SAN PABLO BAY WATERSHED CAPACITY DEVELOPMENT
Applicant Name: NORTH BAY WATERSHED ASSOCIATION
Mailing Address: c/o LGVSD 300 SMITH BANCH RD, SAN RAFAEL CA 94903
Telephone: 415-472-1734
Fax: 415-499-7715
Email: LGVSDAH@AOL.COM

Amount of funding requested: \$ 175,000 for 2 years

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

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

Does the proposal address a specified Focused Action? yes no

What county or counties is the project located in? MARIN / SONOMA / NAPA

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

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

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

- | | |
|--|--|
| <input type="checkbox"/> San Joaquin and East-side Delta tributaries fall-run chinook salmon | <input type="checkbox"/> Spring-run chinook salmon |
| <input type="checkbox"/> Winter-run chinook salmon | <input type="checkbox"/> Fall-run chinook salmon |
| <input type="checkbox"/> Late-fall run chinook salmon | <input type="checkbox"/> Longfin smelt |
| <input 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 checked="" type="checkbox"/> All anadromous salmonids |
| <input type="checkbox"/> Other: _____ | |

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

Rehabilitation & Protection Natural Processes p. 131
Water Quality p. 506 -

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: _____ |

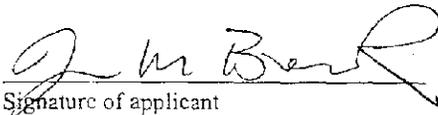
Indicate the type of project (check only one box):

- | | |
|-------------------------------------|--|
| <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.

JAMES M. BREZAK
Printed name of applicant


Signature of applicant

EXECUTIVE SUMMARY

The North Bay Watershed Association (NBWA) proposes to extend its Phase I activities of watershed organization into Phase II watershed stewardship actions to establish itself as the umbrella organization for coordination of watershed education, outreach, and BMP improvement throughout the San Pablo Bay Watershed.

For over a year the NBWA, a group of municipal, regulatory and environmental support agencies throughout the San Pablo Bay Watershed, have held regular discussions and meetings on the issues of ecosystem and water quality, habitat protection and restoration, and have concluded that the watershed is the most appropriate planning unit for their forum. They have contacted the local, regional and federal regulatory agency representatives to solicit input to their process and to comment on the development of the unified watershed assessment, developed a mission statement and a series of long term objectives for watershed collaboration.

The NBWA covers the approximately 1,013 square miles of the San Pablo Bay Watershed. The project location encompasses the entire San Pablo Bay Watershed as identified by the USGS eight digit watershed designation 18060011 and is consistent with CALFED's designation of the San Pablo Bay Ecological Management Unit.

The primary objective of this project is to increase Watershed Capacity throughout northern portions of the San Pablo Bay Watershed. This project is consistent with CALFED's Watershed Program goals for Water and Ecosystem Quality.

This project is developed as a two-year effort with estimated costs as presented in Table 1.

| Task | Cost |
|--|------------------|
| 1. Association Administration and Management | \$45,000 |
| 2. BMP Coordination / Monitoring | \$27,000 |
| 3. Watershed Education & Outreach Program | \$93,000 |
| 4. Project Management | \$10,000 |
| TOTAL | \$175,000 |

There are no adverse or third party impacts associated with this project.

The project will be managed and supervised by the Las Gallinas Valley Sanitary District (LGVSD) with assistance from their Consultant, EA Engineering Science and Technology (EA). The LGVSD has spearheaded the development of the NBWA and initiated the Phase I project activities. EA has represented the NBWA since its inception and has been retained to secure CALFED funding, and conduct feasibility and technical studies. EA has successfully planned and/or implemented watershed management projects at over one dozen sites throughout California and many more throughout the United States. EA has conducted numerous non-point pollution and biological studies for over 50 water resource projects in California and the western United States.

The NBWA recognizes that accurate monitoring is key to successfully meeting its project objectives, and therefore, has integrated monitoring and data evaluation components into the project tasks.

Task 1 Association Administration and Management: Monitoring the success of the administration of the NBWA will be done through semiannual surveys of the members. Parameters to be measured are: value and effectiveness of the meetings, accuracy and completeness of meeting minutes, and effectiveness of communications. Annual surveys will also be made of CALFED, RWQCB and other watershed organizations to measure coordination success. NBWA will prepare semiannual reports of the progress, achievements, planned activities and accomplishments and compare our achievements to our list of NBWA Objectives.

Task 2 BMP Coordination / Monitoring: Task 2 relies on field sampling and observations to evaluate effectiveness. A BMP task force of NBWA will develop field and data evaluation protocols. The protocols will be integrated into the NBWA and Riparian Station Internet websites. Data and observations, submitted to the web page, will be assigned to a predetermined list of technical experts in the geographic location of the field sampling. The technical expert will review the data for accuracy and if acceptable forward it to our data center to become a part of NBWA's BMP database.

Task 3 Watershed Education & Outreach Program: An annual survey to target audiences will measure effectiveness of our outreach and education efforts. We will gather data on Internet access hits, BMP data submittals, and use and value of education materials. A survey will be included on our NBWA Internet website to gather effectiveness information requests for additional services.

The project has been initiated and developed with the continual involvement and coordination of all of the fourteen member agencies of the NBWA. These NBWA members with designated representatives are: Marin County, Marin County Stormwater Pollution Prevention, City of Petaluma, Marin Municipal Water District, Las Gallinas Sanitary District, North Marin Water District, Novato Sanitary Agency, Central Marin Sewerage Agency, Sonoma County Water Agency, Marin County Sanitary Districts No. 1 and No. 5, East Bay Municipal Utility District, US Army Corps of Engineers, Sonoma County and City of San Rafael.

Copies of letters of support from some of these agencies are included as application attachments.

The proposed project specifically helps fulfill CALFED's mission to "restore ecological health and improve water management for beneficial uses of the Bay-Delta system." The proposed project is consistent with CALFED objectives and the following CALFED goals in Table 2:

| TABLE 2: CALFED | | NBWA | |
|-----------------|--|-------------------|--|
| ERP Goal No. | Watershed Goals | Project Task No. | |
| 2 | Rehabilitation and Protection of Natural Processes | Ecosystem Quality | |
| 6 | Water Quality | Water Quality | |
| | | 1, 2, & 3 | |
| | | 2 & 3 | |

The proposed project has no conflicts with other CALFED objectives related to water quality, water supply reliability, or levee system integrity.

PROJECT DESCRIPTION

Project Description and Approach

The North Bay Watershed Association (NBWA) in association with the Las Gallinas Sanitary District requests CALFED funding for its Phase II activities to develop watershed capacity for the San Pablo Bay Watershed, to implement a coordinated watershed education and outreach program and to implement the coordination and monitoring of Best Management Practices for various sources of point and non-point pollution.

The principal objective of this project is to develop watershed capacity throughout northern counties of the San Pablo Bay Watershed. To accomplish this objective, the NBWA proposes to become the clearinghouse of watershed education information, to facilitate the collaboration of various local watershed, creek, river and bay water quality support groups throughout its service area, to disseminate education materials through a variety of robust methods including workshops, roundtables and over the Internet, to establish liaison for watershed activities and plans with CALFED, local, regional state and other agencies.

The activities of this project together constitute Phase II for NBWA. Phase I activities have been completed over the past year and consisted of the development and consensus for the NBWA and its current organizational structure including mission and objective statements.

This project will evaluate the technical, biological and economic feasibility of best management practices for point and non-point pollution control methods. Field data on BMP effectiveness will be gathered using the Internet and a database of BMP effectiveness in the watershed will be developed and maintained. The Internet components will be developed and deployed through a collaboration with the North Bay Riparian Station.

Proposed Scope of Work

Task 1. Association Administration and Management: The success of NBWA is directly related to its reliability and stability as a forum for consensus development in the San Pablo Bay Watershed. This task provides the administrative and management activities necessary to ensure that the NBWA can consistently serve as the umbrella organization for watershed preservation and enhancement information throughout the San Pablo Bay Watershed. Specific Task 1 activities include:

- 1.1. Provide coordination of municipal, county, regulatory, regional, state, local stewardship groups,
- 1.2. Develop effective linkages to CALFED and its goals, visions and strategies,
- 1.3. Perform consensus building exercises among NBWA agencies,
- 1.4. Develop and verify baseline metrics of San Pablo Bay Watershed and communicate same to regulatory agencies and various publics,
- 1.5. Prepare a watershed implementation plan consistent with the CALFED plan outline,
- 1.6. Provide administrative support to the NBWA meetings:
 - 1.6.1. Develop and maintain mailing lists. Seek additional members,
 - 1.6.2. Create, distribute agendas, minutes, presentation materials, work products,
 - 1.6.3. Identify outside speakers for presentations at NBWA meetings.

TASK 1 Deliverables: Watershed implementation plan, meeting documentation, 24 NBWA meetings, advanced notices seeking participation, development of consensus decision-making on watershed issues, surveys for measurement of task success, and progress reports.

Task 2. BMP Coordination and Monitoring: Point and non-point pollution are key sources of water quality and habitat impairment to the San Pablo San Francisco Bay. Many local and county agencies have initiated the tracking and development of Best Management Practices to control, reduce and eliminate these pollutants from the watershed. This project will coordinate the lessons learned by local agencies throughout the watershed and measure the effectiveness of BMP's for use in the San Pablo Bay Watershed. This information will be communicated to the Regional Water Quality Control Board and the Bay Area Stormwater Management Agencies Association (BASMAAA).

- 2.1. Initiate BMP task force to implement BMP coordination and monitoring,
- 2.2. Gather BMP practices from agencies throughout the watershed,
- 2.3. Coordinate and conduct Watershed-based BMP Round Table,
- 2.4. Develop methodology to measure, monitor and validate protocol for BMP effectiveness,
- 2.5. Report on BMP effectiveness,
- 2.6. Coordinate the program results with the RWQCB and the BASMAA

TASK 2 Deliverables: Roundtable workshop, protocols for data sampling and validation, BMP layer on the North Bay Riparian Station Internet web site, report of findings, coordination with BASMAA and RWQCB.

Task 3. Watershed Education and Outreach Program: Education and outreach on the issues of resources management at the watershed level is necessary to modify land use patterns and human behavior.

NBWA takes the perspective that many excellent and effective education materials have been developed at the local level. NBWA members have implemented their own individual outreach programs on some of the watershed topics. The purpose of this task is to improve the effectiveness and broaden the target audiences for watershed education. NBWA will conduct coordination activities and actions that facilitate the development of consistent watershed information.

- 3.1. Watershed Education Program: A coordinated effort will be made to develop a repository of education materials throughout the watershed, serve as a gateway to provide information from federal, state and regional sources of watershed education information, and identify gaps in education materials that NBWA can fill to complete the education process throughout the San Pablo Bay Watershed.
 - 3.1.1. Conduct a literature review
 - 3.1.2. Assemble a repository of watershed educational materials
 - 3.1.3. Review existing education materials
 - 3.1.4. Identify and coordinate with other existing watershed groups
 - 3.1.5. Provide educational support to San Pablo Bay Watershed organizations, agencies, groups
- 3.2. Watershed Outreach Program: Moving targeted educational materials into the community requires that the educational component be coupled with a strong outreach component.

- 3.2.1. Conduct watershed workshops
- 3.2.2. Develop and staff a watershed speakers bureau
- 3.2.3. Provide NBWA members to attend meetings of local stakeholder groups
- 3.2.4. Develop, deploy and maintain a Web page on the Internet

TASK 3 Deliverables: The creation of a repository of watershed education materials, a NBWA Interned web page, two workshops on San Pablo Bay Watershed Stewardship, presentations by NBWA members at watershed stakeholders, local agency and support group meeting.

Task 4. Project Management: All projects require focused management to reach their stated objectives. This responsibility is even greater as NBWA will be spending grant monies under the control of CALFED. Our project management tasks take very seriously the use of these funds and the objective of meeting task deliverables.

- 4.1. Program review presentations -- Two annual review presentations will be made to share information with CALFED or other agency staff and interested parties regarding the progress and results of the project.
- 4.2. Quarterly reporting -- Eight quarterly reports will be submitted to CALFED
- 4.3. Final report -- A final report will be prepared on the project, and will include the monitoring results and other information as appropriate.
- 4.4. Local Involvement Plan -- A plan will be submitted to CALFED if the feasibility study proceeds.

TASK 4 Deliverables: When completed, the feasibility report will be submitted to CALFED and all interested parties identified in the Local Involvement Plan. Future year funding may be sought by NBWA from a variety of sources, including CALFED, the Drinking Water SRF Program, the RWQCB and the ACOE and the EPA.

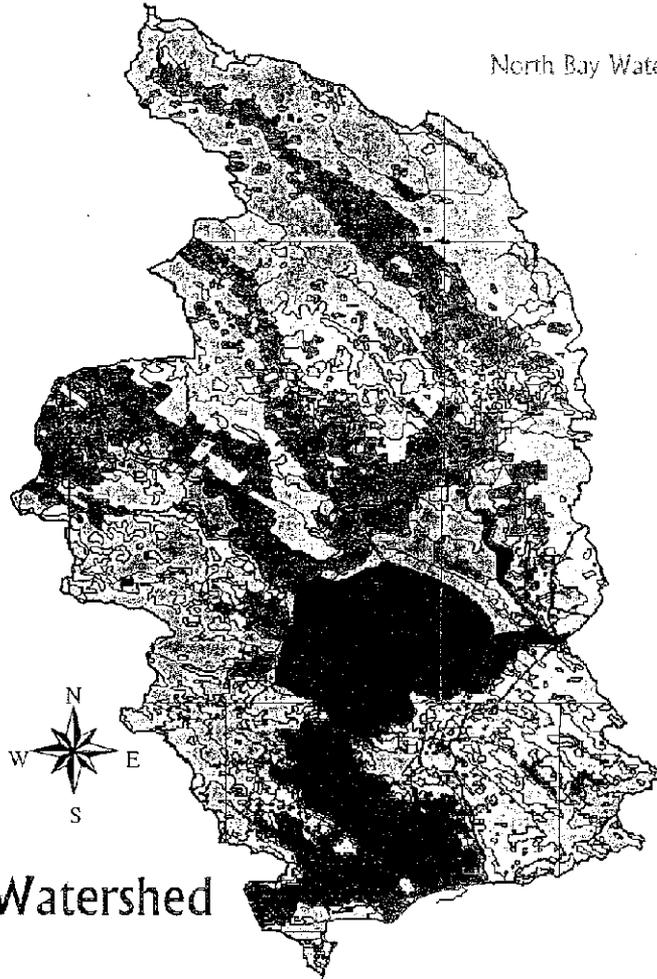
Location of Project

The proposed project is located throughout the northern portions of the San Pablo Bay Watershed centered in Marin, Napa and Sonoma Counties. It is anticipated that the activities of the NBWA will become broader as the project continues to attract participants from San Francisco, Alameda and Contra Costa Counties.

A map of the project location is included as an attachment to this application.

NBWMA

North Bay Watershed Management Association



| Land Use Type | |
|---------------|------------------------|
| | Urban or Built-up Land |
| | Agricultural Land |
| | Rangeland |
| | Forest Land |
| | Water |
| | Wetland |
| | Barren Land |

San Pablo Bay Watershed Land Use Map



EA Engineering, Science,
and Technology, Inc.

ECOLOGICAL/BIOLOGICAL BENEFITS

Ecological/Biological Objectives

This project is consistent with CALFED's program objectives for ecosystem and water quality resource areas. This project addresses CALFED's Goals identified in the draft Strategic Plan for Ecosystem Restoration numbers 1, Recovery of At-Risk Native Species, number 4, Habitat Protection and Restoration and, number 6, Improvement of Water and Sediment Quality. Under the topic area of Local Watershed Stewardship the project objectives are to strengthen the watershed capacity developed in Phase I activities of the NBWA (formation and organization of the watershed association) by developing robust watershed capacity, permanent collaboration of resource agencies and stakeholders for holistic planning throughout the watershed. The goals and tasks of this project are consistent with the CALFED vision for watershed management to reduce stressors which reduce beneficial use of the Bay-Delta.

A watershed approach will improve the health of the San Pablo Bay ecosystem by improving and increasing aquatic and terrestrial habitats, and improving their ecological functions to sustain populations of diverse and valuable plant and animal species.

Under the topic area of ecosystem management, the project objective is to improve coordination among the participants of the North Bay Watershed Association. More specifically, this project will increase understanding of each member's problems, identify goals, select priorities, and choose and implement solutions. It will enhance restoration and monitoring actions and provide a holistic view of ecosystem recovery. New opportunities for ecosystem management have been discussed at the NBWA meetings by adopting the watershed boundary in favor of existing political boundaries of participating agencies. A sense of trust is replacing suspicion as a result of our Phase I meetings and discussions taking place among the NBWA members. Ideas and projects for wetland banking, coordinated planning and use of recycled water, support for local habitat restoration and preservation activities have developed where no such opportunity previously existed.

CALFED and the EPA recognize the benefits of and encourage the formation of partnerships such as the North Bay Watershed Association. Only through a coordinated and cooperative approach can the next frontier of point and non-point source pollution control be achieved. This proposed project is an essential step in localizing watershed stewardship through consensus building to implement cooperative programs for preventing and abating water pollution and implementing effective ecological restoration of the Bay-Delta.

This project will have tangible benefits to the ecosystem. It will enable stakeholders, and agency representatives to integrate and adapt their management activities to increase Watershed Capacity on the San Pablo Bay Watershed. Increased Watershed Capacity would enhance recovery of the at-risk species in the Bay-Delta Program ecosystem by reducing the stressors which have adverse impact on these species and their habitat.

The environmental benefits of implementing a watershed approach have been widely accepted. Thus, it may not be critical to hypothesize whether this watershed association decreases mortality and improves habitat recovery. This proposal assumes that such a benefit is already proven. The relevant question this proposed project addresses is whether point and non-point sources will be

controlled at a watershed scale, and if local consensus on watershed activities can have a net positive benefit above the status quo. This proposal represents a bottom-up perspective, grounded in local activities, oversight and control on a watershed basis. Local oversight of the NBWA will provide coordination needed for abating water pollution problems on a watershed scale.

The benefits derived from implementation of this project would be durable, long term, and self-sustaining. Independent, local activities of isolated agencies on a case by case correction of water quality problems can be a weakness as financial resources become more limited. This is the current approach and lacks broader watershed benefits. Coordinated watershed management provides a more global approach in order to go beyond sector-oriented, use-by-use management. It is holistic, adaptive management that seeks to reconcile the satisfaction of the various uses with the preservation of resources and the ecosystem. Because of the benefits to NBWA participants, this proposed project of establishing watershed analysis will become durable, long term and self-sustaining.

This proposed project, through consensus building and cooperative management process, will provide the opportunity to learn from each management action so that each subsequent actions will improve the process of management over time. This adaptive management approach is key to the sustainability of ecosystem restoration efforts.

Linkages

The project will help CALFED accomplish the Strategic Plan for Ecosystem Restoration Goal 1: To achieve recovery of at-risk native species dependent on the Delta; Goal 4: To protect or restore functional habitat types throughout the watershed; and Goal 6: To improve and maintain water and sediment quality through the development of regional plans that reduce the effects of non-point pollutants.

The CALFED vision statement regarding contaminants recognizes managing watersheds as the way to prevent, control or reduce contaminant damage to the Bay-Delta. On page 504 of Vol. 1 of the ERP CALFED acknowledges that reducing urban and industrial contaminant loading could be accomplished by assisting the formation of partnerships between regulators and discharges. Better urban planning, wastewater recycling, and source control are noted as important activities identified by CALFED that can be achieved through the formation of a watershed group. Strategic Plan Goal 6, Objective 1 reducing contaminants and Objective 2 developing regional plans to reduce effects of non-point pollutants includes the short term objective stating to "Assist existing programs and encourage new watershed management programs to develop watershed management plans" (ERP Vol. 1, pg. 507). Strategic Plan Goal 6 Objective 3 has both short and long term objectives consistent with the reduction of point and non-point pollutants, (ERP Vol. 1, pg. 507).

The NBWA Phase II actions identified for funding in this application will increase the watershed capacity of the North San Francisco Bay. This will help to solidify the NBWA as the long-term forum for consensus development on related watershed issues. It is envisioned that future years focus of the NBWA will include restoration of riparian and aquatic habitats and improvement of fish passages on streams throughout the watershed. The NBWA could also provide the necessary focus to successfully address the other stressors identified by CALFED as impacting the ecosystem of North San Francisco Bay (disturbances, stranding, fish and wildlife harvest, water diversions, non-native species and zebra mussel).

This project is structured to be consistent with the CALFED Watershed Management Coordination Interrelationships (ERP Vol. 1, pg. 18), and Watershed Management Strategy Draft, January 7, 1998 to achieve maximum efficiency and effectiveness through coordinated restoration actions. Principal benefits of this project include effective holistic coordination of expenditures, actions, and planning throughout the San Pablo Bay Watershed.

This project is also consistent with the CALFED vision related to Water Quality (ERP Vol. 1, pg. 30). Coordinated actions of the NBWA would improve overall water quality and aquatic habitat in the tidal perennial, non-tidal perennial, sloughs, and riparian and riverine areas of the San Pablo Bay.

This project will address improvement of point and non-point pollutants which have been identified as stressors to tidal perennial aquatic habitat (ERP Vol. 1, pg. 111). The CALFED vision for elimination of this stressor includes the strategic objective of the "development of regional plans to reduce the effects of non-point source contaminants" (ERP Vol. 1, pg. 421).

System-Wide Ecosystem Benefits

This proposed project would benefit the entire San Pablo Bay Ecological Management Unit. Coordinated management throughout the watershed would enhance restoration planning, project selection and implementation and thereby result in system-wide improvements in water quality and aquatic habitat.

Compatibility with Non-Ecosystem Objectives

The proposed project has no conflicts with other CALFED objectives related to water quality, water supply reliability, or levee system integrity.

This project does provide additional benefits to non-ecosystem objectives. Discussions between the NBWA members have served to reduce tension between local government agencies and stakeholders and in its place developed an air of understanding. Local agencies and related stakeholders have begun to share their objectives for project planning and the development of common ground is occurring. It is anticipated that this spirit of cooperation will continue and grow to support non-ecosystem projects through out the watershed.

There is an acknowledgment of several regional projects that will have direct bearing on ecosystem restoration opportunities in the San Pablo Bay Watershed (mitigation for San Francisco Airport runway expansion, discussion on the future of the Silveria and Saint Vincent's properties). NBWA anticipates that the coordination that has begun will help to facilitate watershed improvement as these and other projects move into their own phases of implementation.

TECHNICAL FEASIBILITY AND TIMING

Alternatives

Alternatives to the development of watershed capacity have not been developed. This is consistent with the notion that watershed education, outreach and capacity development provide undisputed benefits and an adaptive and holistic management strategy. Additionally this project is consistent with the recommendations of the CALFED Watershed Management Strategy Draft, January 7, 1998. The scope of work as with all other activities of the NBWA has resulted from a consensus opinion of the association participants and benefits from discussions of alternative approaches to achieve the objectives of each proposed work task.

Environmental Compliance

The proposed project will not be required to comply with the California Environmental Quality Act (CEQA) or National Environmental Policy Act (NEPA). Regulatory permits are not required for this project.

Schedule

The proposed schedule for the project estimates completion of all tasks within a two year time period. The following are the estimates of project completion on a quarterly basis for each task and a composite for the entire project.

The NBWA is ready to immediately begin the work of this project and expend the funds immediately upon receipt. The window of opportunity has been developed from the Phase I work by the NBWA participants. NBWA has support, ability, technical assistance and commitment to successfully conduct this project.

| TABLE 3 Task | Progress by Quarter | | | | | | | |
|---------------------------------|---------------------|---------|---------|---------|---------|---------|---------|---------|
| | 4th '99 | 1st '00 | 2nd '00 | 3rd '00 | 4th '00 | 1st '01 | 2nd '01 | 3rd '01 |
| 1. Association Admin./Support | 13% | 25% | 38% | 50% | 63% | 75% | 88% | 100% |
| 2. BMP Coordination/Monitoring | 0% | 33% | 67% | 100% | 100% | 100% | 100% | 100% |
| 3. Education & Outreach Program | 0% | 0% | 0% | 18% | 44% | 62% | 87% | 100% |
| 4. Project Management | 13% | 25% | 38% | 50% | 63% | 75% | 88% | 100% |
| Project Total | 4% | 15% | 27% | 46% | 62% | 74% | 90% | 100% |

There are no zoning regulations, county planning ordinances, or other local regulatory or environmental constraints that will affect this schedule.

MONITORING AND DATA COLLECTION METHODOLOGY

Biological/Ecological Objectives

The primary biological objective of the project is to improve the water quality of the San Francisco Bay through the reduction of point and non-point pollution loads. This project will evaluate alternative Best Management Practices (BMP's) for pollutant control and develop measurements of BMP effectiveness through a monitoring program. This program will evaluate and improve watershed education materials and provide outreach to increase awareness on the issues of water and ecosystem quality. Table 4 presents a summary of the monitoring and data collection information for each of the four tasks of the project.

Monitoring Parameters and Data Collection Approach

The NBWA recognizes that accurate monitoring is key to successfully meeting its project objectives and has therefore integrated monitoring and data evaluation components into each of the project tasks. Monitoring will be used to provide an early indication of the success and need for approach modifications to achieve target goals.

Data collection methodologies for BMP evaluations will be developed consistent with protocols for field measurements and water quality sampling developed by the EPA per Standard Methods for the Evaluation of Water and Wastewater Quality, 1998. Monitoring results will be reviewed by senior staff of EA. Field observations will be input into an Internet web page directly from the public using a specially created "BMP" data acquisition layer. This data interface will be added to the North Bay Riparian Station's web page (<http://mywatershed.org/>).

Data Evaluation Approach

Data evaluation of the project will be focused on engineering data and biological/environmental data. Data for the engineering evaluations will primarily come from the EPA's Proposed Guidance Specifying Management Measures for Sources of Non-point Pollution in Coastal Waters, May 1991 (WH-553) and the California Stormwater Best Management Practice Handbooks, Stormwater Quality Task Force, March 1993 as well as the observations, experiences and practices of participants in the NBWA.

These data will be used by the project team to develop the BMP technical report. Engineering data, and the resulting analyses, will be reviewed by senior staff of EA and a BMP task force of the NBWA.

Biological/environmental data will be developed from field monitoring, existing literature sources, and on-line databases.

TABLE 4: MONITORING & DATA COLLECTION INFORMATION

| Biological/Ecological Objectives | Monitoring Parameter & Data Collection Approach | Data Evaluation Approach | Comments Data Priority |
|--|--|--|---|
| Hypothesis: Collaboration at the watershed level of resources agencies and stakeholders yields new and holistic opportunities that can improve Bay water and sediment quality. | Semiannual surveys of NBWA members. Annual surveys of CALFED, RWQCB and other watershed organizations to measure coordination success. | Value and effectiveness of the meetings, accuracy and completeness of meeting minutes, and effectiveness of communications. Comparison of NBWA achievements to objectives. | TASK 1 Data is priority 1. |
| What is the effectiveness of BMP's for point and non-point pollution control in the San Pablo Bay Watershed? How can BMP effectiveness be improved? | Discussions at BMP roundtable. Data submitted to the web page and evaluated by technical experts in the geographic location of the field sampling. | Field sampling and observations to evaluate BMP effectiveness. A BMP task force of NBWA will develop field and data evaluation protocols to be integrated into the NBWA and Riparian Station Internet web pages. Guidance from EPA & CA stormwater quality task force. | TASK 2. Data priority 1. Acceptable data forward to NBWA's data center to become BMP database and to CALFED. |
| How can effective coordination of watershed education and outreach work to change land use and human activities for improvement of Bay water quality? | Watershed workshops, annual survey to target audiences, data on Internet access hits, BMP data submittals. | Use and value of education materials. Survey page on NBWA Internet site to gather effectiveness information and requests for additional services. | TASK 3 Data priority 1. Strengthens coordination with stakeholder groups and CALFED. |
| What is the managerial effectiveness of this project? | Expenditures, physical percent complete, milestone and product deliverables. | Actual expenditures monitored bi-weekly & compared to plan. Expenditures compared to physical % of project completion. Physical % complete per task milestones and deliverables. Cost to completion updated monthly. | TASK 4. Data priority 2. Labor efforts adjusted to meet budget and schedule plans. Quarterly reports to CALFED. |

LOCAL INVOLVEMENT

The following entities have been notified of NBWA's intent to submit a proposal to receive funding for this project either by letter, at NBWA meetings or telephone discussions. Table 5 presents a list of the agencies directly and indirectly associated with the NBWA and its intent to submit this application for CALFED funding.

| TABLE 5: LOCAL AGENCY INVOLVEMENT | |
|---|---|
| Notes | Agency |
| 1 | Bay Institute |
| 2 | California Coastal Conservancy |
| 1 | Central Marin Sewerage Agency |
| 1 | City of Petaluma |
| 1 | East Bay Municipal Utility District |
| 2 | Environmental Protection Agency, Region 9 |
| 1 | Las Gallinas Sanitary District |
| 1 | Marin County |
| 1 | Marin County Sanitary Districts No. 1 and No. 5 |
| 3 | Marin County Stormwater Pollution Prevention Program (Belvedere, Corte Madera, Fairfax, Larkspur, Mill Valley, Novato, Ross, San Anselmo, San Rafael, Sausalito and Tiburon) |
| 1 | Marin Municipal Water District |
| 3 | Mill Valley Streamkeepers |
| 1 | North Marin Water District |
| 1 | Novato Sanitary Agency |
| 2 | Regional Water Quality Control Board, San Francisco Region |
| 1 | Riparian Station |
| 1 | San Francisco Bay Model |
| 2 | Save San Francisco Bay |
| 1 | Sonoma County |
| 1 | Sonoma County Water Agency |
| 1 | US Army Corps of Engineers |
| NOTES: 1: Participation at NBWA meetings, 2: Discussions, 3: Presentations | |

For more than one year these agencies have been participating in meetings and workshops of the NBWA.

Participating NBWA agencies have established designated representatives and alternates to attend NBWA meetings, provide input and contribute to task force actions.

A strategy paper for watershed planning has been authored by the NBWA and used to inform their agency management staff and directors of the benefits of participating in this project. A copy of the strategy paper is available to CALFED by request.

COST

The proposed budget for this project is presented below in Table 6.

TABLE 6: TOTAL BUDGET

| | Task 1 | | Task 2 | | Task 3 | | Task 4 | | TOTAL PROJECT | |
|---------------------------------|---------------------------------|-----------------|------------------------|-----------------|----------------------------------|-----------------|--------------------|-----------------|---------------|------------------|
| | Association Admin. & Management | | BMP Coord./ Monitoring | | Watershed Ed. & Outreach Program | | Project Management | | | |
| | Hrs | Cost | Hrs | Cost | Hrs | Cost | Hrs | Cost | Hrs | Cost |
| DIRECT SALARY + BENEFITS | 510 | \$36,465 | 220 | \$16,745 | 880 | \$65,195 | 115 | \$8,160 | 1,725 | \$126,565 |
| SERVICE CONTRACTS | | | | | | | | | | \$0 |
| MATERIALS/ ACQUISITION | | | | | | | | | | \$0 |
| North Bay Riparian Station | | | | \$5,000 | | \$4,300 | | | | \$9,300 |
| | | | | | | | | | | \$0 |
| | | | | | | | | | | \$0 |
| OTHER DIRECT COSTS | | \$2,100 | | \$2,300 | | \$12,000 | | \$400 | | \$16,800 |
| OVERHEAD/ INDIRECT COSTS | | \$6,435 | | \$2,955 | | \$11,505 | | \$1,440 | | \$22,335 |
| TOTAL COSTS | | \$45,000 | | \$27,000 | | \$93,000 | | \$10,000 | | \$175,000 |

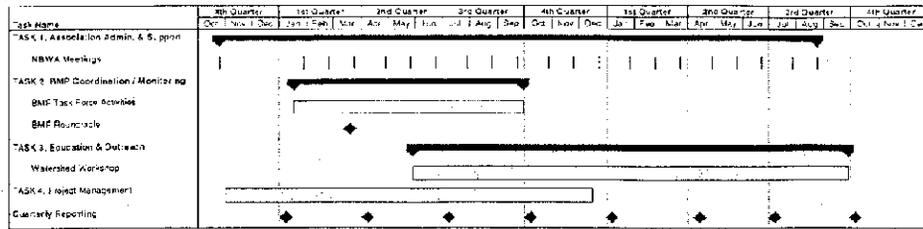
The quarterly budget expenditures are presented in Table 7.

TABLE 7: QUARTERLY BUDGET

| Task | Quarter | | | | | | | | Total Budget |
|---|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| | Oct-Dec 1999 | Jan-Mar 2000 | Apr-Jun 2000 | Jul-Sep 2000 | Oct-Dec 2000 | Jan-Mar 2001 | Apr-Jun 2001 | Jul-Sep 2001 | |
| 1. NBW Association Admin./Support | \$6,000 | \$6,000 | \$6,000 | \$6,000 | \$6,000 | \$6,000 | \$6,000 | \$6,000 | \$48,000 |
| 2. BMP Coordination/Monitoring | | \$12,000 | \$12,000 | \$12,000 | | | | | \$36,000 |
| 3. Watershed Education & Outreach Program | | | | \$14,500 | \$20,000 | \$14,500 | \$20,000 | \$10,000 | \$79,000 |
| 4. Project Management | \$1,500 | \$1,500 | \$1,500 | \$1,500 | \$1,500 | \$1,500 | \$1,500 | \$1,500 | \$12,000 |
| Quarterly Total | \$7,500 | \$19,500 | \$19,500 | \$34,000 | \$27,500 | \$22,000 | \$27,500 | \$17,500 | \$175,000 |

Schedule

The schedule for this project is as follows:



All of the tasks described above will be performed with the assistance of EA Engineering, Science and Technology, Inc. Payments for consulting service will be made on a monthly basis.

COST SHARING

Projected Cost Sharing

The projected in-kind contributions from the NBWA agencies is estimated at \$20,000 per year. Over the two-year life of this project an estimated in-kind contribution of \$40,000 will be made by the agencies in the NBWA.

Previous Cost Sharing

The total estimated cost sharing to date for the NBWA agencies and consultants is \$70,000. Cost sharing has been and will continue to be actively pursued by LGVSD and the members of the NBWA. The largest form of cost sharing to date has been in the form of a \$15,000 contract by LGVSD for consultant services for the organizational development and facilitation of the NBWA. The Sonoma County Water Agency has also funded \$15,000 of consultant services for development and research of the strategy paper on implementation of a watershed approach in the San Pablo Bay Watershed.

The firm of EA Engineering Science and Technology has provided cost sharing through their donation of over \$25,000 of consulting services in the form of research, watershed information development and dissemination, facilitation of and administration of meeting.

Over the past year the agencies have contributed approximately \$15,000 in meetings and related activities in the NBWA.

APPLICANT QUALIFICATIONS

The Las Gallinas Valley Sanitary District is the applicant for project funding, and will provide overall management and supervision for the project. For the past 45 years the LGVSD has managed the wastewater collection, treatment and disposal needs of than 35,000 people throughout the City of San Rafael in Marin County. Facilities planned, designed, constructed and operated by LGVSD include over 100 miles of wastewater collection sewers, 12 pumping stations and a 2.9 million gallon per day treatment plant. LGVSD designed and constructed a wetlands as a part of their holistic program for reuse of wastewater. With this wetlands LGVSD has created and restored over 60 acres of ponds and saltwater marsh that support over 40 species of plants and 147 species of birds. Additionally, the LGVSD in cooperation with the Marin Municipal Water District, produces over 400 million gallons per year of recycled water that is sold for non-potable uses by MMWD throughout the region.

LGVSD will be supported by EA Engineering, Science, and Technology. Consistent with Government Code §4525, EA Engineering, Science, and Technology, Inc., was selected by the Las Gallinas Valley Sanitary District to provide watershed management services in connection with project development, administration, facilitation and funding assistance. The selection was made on the basis of qualifications and demonstrated competence for the requested services, including documentation of fair and reasonable prices.

EA Engineering, Science, and Technology, Inc., is a multidisciplinary environmental consulting firm with a staff of Northern California scientists who specialize in environmental analyses related to water resources. EA's staff members have been conducting aquatic studies in the Sacramento River watershed, San Joaquin River watershed, and Delta for over 20 years, and have participated in watershed management projects for a variety of clients.

Recent watershed management project experience by EA includes: Cumulative watershed analysis (CWE) for 24 watersheds within the Eldorado National Forest in California; Sanitary watershed survey along the west branch of the Feather River Watershed for the development of source water quality protection strategies; Aquatic habitat inventories of the watershed within the Hat Creek Ranger District of the USDA Forest Service, Lassen National Forest; channel sensitivity analysis, quantification of habitat and watershed protection analysis for 5 watersheds in the Klamath Basin; Ecological unit inventory of 280,000 acres of the Angeles National Forest; Soils inventory and aerial photo interpretation for 50,000 acre area of the Susan River Watershed, and; Floodplain analysis of the Big Tujunga and Trail Canyon Tributary.

Pursuant to California Government Code §1090, EA Engineering, Science, and Technology, Inc. is disclosing a remote interest in proposals submitted for funding under CALFED's 1999 Category III program. EA staff, as third tier subcontractors to the Bureau of Reclamation, have provided technical and administrative support to CALFED agency staff in the Restoration Coordination Program. In this capacity, EA's staff have assisted with documentation of public meetings of the Ecosystem Roundtable, and compiled restoration project information for distribution to Roundtable members and the public. EA's legal counsel has determined that EA's participation as a

subconsultant in contracts that may be awarded under the Category III program does not constitute a violation of California Government Code §1090.

Jim Brezack of EA Engineering, Science, and Technology, Inc. is a senior water resources planner and a biologist whose role will involve technical oversight and management of this project. His areas of technical expertise include water resource management assessment.

Jim has a track record of successfully assisting Citizens Committees and stakeholder groups reach consensus on engineering solutions to water resources problems. He is currently serving as the Facilitator to the North Bay Watershed Association and has worked extensively to achieve consensus on the wastewater issues of the Malibu community.

He has managed dozens of projects that require the integration of technical experts across a spectrum of scientific issues. He has recently completed the Capital Facilities Plan for Castroville, the Area Wastewater Plan for the Monterey Regional Wastewater Pollution Control Agency and the Sewer System Analysis for the City of Salinas. Jim is experienced in helping to identify and obtain government assistance funding for water resources projects. As a member and past Director of WESTCAS he serves on the Budget Committee tracking and analyzing the budget of the Department of Agriculture and has recently conducted a seminar on the new Federal Clean Water Action Plan.

Professional references for similar projects include Leon Eddings, Board Member of the of Las Gallinas Valley Sanitary District (415) 472-1734 and Harry Stone, Director, Los Angeles County Department of Public Works, (626) 458-5100.

Andy Leven has over 36 years experience in soil and watershed management, with five in private industry and 31 in the federal government. In private industry his responsibilities have included providing technical and administrative oversight of projects, environmental analysis, ecological soil surveys, establishing and standardizing watershed analysis procedures, quality assurance and quality control review of services and deliverable documents, and liaison with major clients. Mr. Leven's 31 years of federal experience were focused on watershed analysis and management, which included soil surveys, hydrologic surveys, water quality management, and watershed program management.

Andy will be assisting in the development of support activities for NBWA watershed investigations and evaluation of BMP effectiveness.

**NBWA - SAN PABLO BAY WATERSHED CAPACITY
DEVELOPMENT**

**APPLICATION
ATTACHMENTS**

MCSTOPP LETTER
MMWD LETTER
Lynn Woolsey Letter

Nondiscrimination Compliance Statement
Small Business Preference Form



Marin County Department of Public Works
P. O. Box 4186 • San Rafael, CA 94913-4186
Tel. (415) 499-3363 • Fax (415) 499-7221

April 16, 1999

Jim Brezack
E.A. Engineering
3468 Mt. Diablo Blvd.
Suite B-100
Lafayette, CA 94549

Member
Agencies:

Belvedere

Corte Madera

County
of Marin

Fairfax

Larkspur

Mill Valley

Novato

Ross

San Anselmo

San Rafael

Sausalito

Tiburon

RE: CaLFed grant application

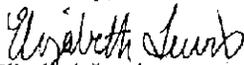
Dear Mr. Brezack:

The Marin County Stormwater Pollution Prevention Program (MCSTOPPP) encourages and supports the efforts of the North Bay Watershed Association to apply for CalFed funding that would improve the groups outreach and education opportunities.

MCSTOPPP has been a member of the North Bay Watershed Association since its inception and believes the group will serve to enhance opportunities for coordination and outreach amongst its member agencies.

MCSTOPPP appreciates your efforts in organizing and submitting this application for funding to CalFed.

Yours truly,


Elizabeth Lewis
Program Manager
MCSTOPPP

cc: Agency stormwater coordinators



**MARIN MUNICIPAL
WATER DISTRICT**

230 Nellen Avenue
Corte Madera, CA 94925-1169
415.924.4600
FAX 415.927.4953
www.marinwater.org

| | | | | | |
|-------------------|----------------|---------|--------------|------------|---|
| Post-it® Fax Note | 7671 | Date | 4/14/99 | # of pages | 1 |
| To | Jim Brezack | From | Ron Johnson | | |
| Dept. | EA Engineering | Co. | M.M.W.D. | | |
| Phone # | 415-283-7077 | Phone # | 415-924-4600 | | |
| Fax # | 415-283-3894 | Fax # | 415-927-4953 | | |

April 13, 1999

Leon Eddings
Las Gallinas Valley Sanitary District
300 Smith Ranch Road
San Rafael, CA 94903

Re: Support of the North Bay Watershed Association's CalFED Grant Request

Dear Leon:

We are pleased to add our support of the grant application being carried by your agency. As you know, the North Bay Watershed Association (NBWA) was formed by a group of sanitary agencies, cities and water agencies who realize that regional solutions are needed when looking at projects addressing watershed-based regulations and issues. The founding membership of the NBWA has developed a policy statement of objectives and the founding membership has also provided approximately \$30,000 of "seed" funding and numerous hours of membership staff participation to form the NBWA.

During the course of its formation, the NBWA has already begun expanding its membership to include more agencies with an interest in North Bay watershed issues. The NBWA also has begun investigating how it may effectively begin its outreach to the greater community to ensure integration of a wide variety of data into an educational framework that is easily accessed. To that end, the NBWA is joining forces with the Bay Model Association and Bay Institute to provide outreach through their "North Bay Riparian Station" web page.

During the short period that the NBWA has been in existence, it has demonstrated the ability of agencies to come together in seeking a regional solution to watershed-based regulations and issues. Our District supports the continuation of these efforts and desires that they be enhanced and accelerated through funding provided by CalFED through its grant program.

Very truly yours,


Joe Nation
Board President

RT:js



LYNN WOOLSEY
5TH DISTRICT, CALIFORNIA

COMMITTEES:
SCIENCE
EDUCATION AND THE
WORKFORCE

WASHINGTON OFFICE
430 CANNON BUILDING
WASHINGTON, DC 20515-0506
TELEPHONE: (202) 225-5111

Congress of the United States
House of Representatives
Washington, DC 20515-0506

DISTRICT OFFICE
1101 COLLEGE AVE., SUITE 200
SAN RAFAEL, CA 94901
TELEPHONE: (707) 542-7182

NORTHGATE BUILDING
1060 NORTHGATE DRIVE, SUITE 140
SAN RAFAEL, CA 94903
TELEPHONE: (415) 507-8554

E-MAIL ADDRESS:
LYNN.WOOLSEY@mail.house.gov

WEB PAGE ADDRESS:
http://www.house.gov/woolsey/

April 6, 1999

*****ECRLBT**E-DC2
Mr. James M. Ebeack 925 283 3544
North Bay Watershed Management Assoc.
c/o Las Gallinas Valley Sanitary District
PO Box 4208
San Rafael CA 94913-4208

APR 14 1999

Dear Friend:

Bringing San Rafael's Voice to Washington

San Rafael residents have made it clear that they want Washington to focus on improving education, strengthening Social Security, preserving our environment...helping keep Marin County the special place that it is. This report is to keep you up to date on my work for you.

Our kids and their education have to come first.

Despite the partisan divisions in Washington last year, we made progress strengthening our public schools. In fact, a number of my initiatives to improve education were signed into law last year, and this year, as a member of the House Education and the Workforce Committee, I will be working to build on this progress. My priorities for the year include:

- **Giving all kids a place to go after school.** It's the time between the school bell and the dinner bell that the most juvenile crimes and teen pregnancies happen. Last year, my initiative to allow teens to participate in the federal after-school snack program was signed into law to help more schools and community groups plan supervised activities for older children. This year we need to expand the 21st Century Community Learning Centers after-school program which provides needed resources to Marin and Sonoma Counties.
- **Expanding the school breakfast program.** Last Fall, I created a pilot program to provide school breakfast for all children, regardless of income, that was signed into law. Without a healthy breakfast, kids can't start the school day ready and able to learn. This year, the President included \$13 million in his budget to implement a universal school breakfast pilot program in six school districts; now we must shepherd this funding through Congress.
- **More teachers, smaller and more modern classrooms.** It took a massive bipartisan effort, but in the closing hours of the last Congress, we were able to convince the Republican leadership to provide \$1.2 billion as a downpayment on hiring 100,000 new teachers to cut class sizes, sending \$309,562 to Marin County schools. This Congress, we must ensure that all 100,000 teachers can be hired, plus, enact a school construction initiative to build modern, well-equipped classrooms.
- **Paid leave for new parents.** This year, I will introduce legislation to provide paid leave and job security to all parents after the birth or adoption of a child. This will give moms and dads in San Rafael and across the country the opportunity to bond with their children during their earliest weeks and months of life, something experts have told us is critical to children's development.
- **Improving technology in our schools.** I will be using my position as one of only three members to serve on both the House Education Committee and the House Science Committee to help our local schools improve their math, science, and technology curriculum. More specifically, we need to ensure that girls are not left behind in these key fields, an emerging problem that we must address.

This mailing was prepared, published, and mailed at taxpayer expense.

Fulfilling the promise of Social Security and Medicare

Every American today, from Generation X'er to Baby Boomer, needs to know that Social Security will be there when they need it. With federal budget surpluses projected well into the next millennium, we have a rare opportunity to revitalize our nation's retirement system. We should use the majority of the federal budget surplus for Social Security...it's smart fiscal policy and smart people policy. Doing this will pay down our national debt and at the same time, strengthen the retirement safety net.

With the high cost of living in the North Bay, we also need to help working families accumulate retirement savings in addition to baseline benefits. I support President Clinton's proposal to create Universal Savings Accounts that will make it easier for families in San Rafael to build a financial nest egg for their retirement.

This year, Congress must act to enhance and protect the Medicare system. Skyrocketing prescription drug costs are an increasingly heavy burden for local seniors. Medicare must cover this needed benefit. We also need to help families pay for long-term care, a service Medicare does not now provide. The President's proposal to provide a tax credit for those needing long-term care or for their family caregivers is an important first step.

Protecting Marin County's Natural Treasures

How we take care of our marshlands, coastlines, and open spaces today will have a lasting impact on our quality of life for generations to come. Marin County is a national leader when it comes to taking care of our environment, and I am working to ensure that federal resources are available to help our efforts.

The Bolinas Lagoon is a national treasure, and last year, I secured funding for a restoration study which is aimed at determining the most effective way to restore the health of the lagoon, which is threatened by the build-up of sediment.

A major effort to restore the San Pablo Bay Watershed, which could restore approximately 5,700 acres of sensitive land in Marin County, has also been proposed. When complete, this project could become one of the largest watershed management efforts in the entire Bay Area. Last year, I helped to secure \$500,000 in federal funds for a project to develop sustainable and environmentally beneficial levee maintenance and restoration techniques. This year, we will be working to shepherd additional funding through Congress to keep it moving forward.

I will also be reintroducing legislation to protect sensitive farmlands and productive agriculture in West Marin and Sonoma Counties.

Easing Bumper-to-Bumper Traffic

Dealing with traffic congestion continues to be our community's greatest challenge, and I have been fighting hard to secure federal dollars for key local projects. Last year, nearly \$79 million from the federal government went to local transportation improvements, including funds to construct a carpool lane on Highway 101 in San Rafael and to protect the Golden Gate Bridge from earthquake damage. Despite the failure of the local transportation ballot initiatives in Marin and Sonoma Counties, these federal dollars are available to complete some of the projects that the community has already identified as important. It is clear that the North Bay needs to develop a comprehensive strategy to improve traffic on Highway 101, and the federal government must be a partner in this effort.

Staying in Touch

As the new session of Congress gets underway, I need to hear from you. You can write or phone my offices (at the above numbers and addresses). If you have access to the Internet, you can open the Sixth District Home Page at <http://www.house.gov/woolsey/> or you can send e-mail to lynn.woolsey@mail.house.gov. You also can meet with me one-on-one at our next office hours scheduled for Saturday, May 8, from 10 am to 12 noon at the San Rafael Community Center, 618 B Street, San Rafael. No advance notice is required, but to avoid a wait, please call (415) 507-9554 to make an appointment.

Very sincerely,


Lynn Woolsey
Member of Congress

NONDISCRIMINATION COMPLIANCE STATEMENT

STD. 19 (REV. 3-95) FMC

EA Engineering Science & Technology Inc.
COMPANY NAME

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

CERTIFICATION

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

JAMES M. BREZAK
OFFICIAL'S NAME

4-15-99
DATE EXECUTED

EXECUTED IN THE COUNTY OF

[Signature]
PROSPECTIVE CONTRACTOR'S SIGNATURE

Contra Costa

Project Manager
PROSPECTIVE CONTRACTOR'S TITLE

EA Engineering Science and Technology Inc.
PROSPECTIVE CONTRACTOR'S LEGAL BUSINESS NAME

**STANDARD CLAUSES --
SMALL BUSINESS PREFERENCE AND CONTRACTOR IDENTIFICATION NUMBER**

NOTICE TO ALL BIDDERS:

Section 14835, et. seq. of the California Government Code requires that a five percent preference be given to bidders who qualify as a small business. The rules and regulations of this law, including the definition of a small business for the delivery of service, are contained in Title 2, California Code of Regulations, Section 1896, et. seq. A copy of the regulations is available upon request. Questions regarding the preference approval process should be directed to the Office of Small and Minority Business at (916) 322-5060. To claim the small business preference, you must submit a copy of your certification approval letter with your bid.

Are you claiming preference as a small business?

____ Yes* X No

*Attach a copy of your certification approval letter.