

STATE WATER RESOURCES CONTROL BOARD
RESOLUTION NO. 94-86

AUTHORIZATION TO ACCEPT GRANT FUNDS FROM
THE U.S. ENVIRONMENTAL PROTECTION AGENCY
TO CONTINUE THE COOPERATIVE AGREEMENT FOR
THE SANTA MONICA BAY RESTORATION PROJECT

WHEREAS:

1. At the request of the Governor of the State of California, a Management Conference was convened for Santa Monica Bay (Bay) in July 1988 within the framework of the National Estuary Program (Section 320 of the Clean Water Act) in order to restore the beneficial uses of the Bay.
2. The State Water Resources Control Board (SWRCB) has applied to the U.S. Environmental Protection Agency (USEPA) for a grant of \$360,000 for FY 1994-95 for the Santa Monica Bay Restoration Project (SMBRP) under Clean Water Act Section 320.
3. The SMBRP Management Committee approved the sixth-year workplan for the SMBRP on February 24, 1994, and the workplan was subsequently submitted to USEPA as part of the grant application.

THEREFORE BE IT RESOLVED THAT:

1. The SWRCB authorizes the Executive Director, or his designee, to accept a grant from USEPA up to \$360,000 to continue the Cooperative Agreement for FY 1994-95 for the development of a Comprehensive Conservation and Management Plan for the Santa Monica Bay in accordance with the workplan approved by the SMBRP Management Committee.

2. The SWRCB authorizes the Executive Director, or his designee, to negotiate and execute contracts and agreements to implement the FY 1994-95 workplan as approved by the SMBRP Management Committee.

CERTIFICATION

The undersigned Administrative Assistant to the Board does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the State Water Resources Control Board held on September 22, 1994.

Maureen Marché

Maureen Marché
Administrative Assistant to the Board

WORK PROGRAM
OF THE
SANTA MONICA BAY RESTORATION PROJECT
FY 1994-95

L INTRODUCTION

The Santa Monica Bay Restoration Project (SMBRP) was established in 1988 when Santa Monica Bay was included in the National Estuary Program (NEP) under sections 317 and 320 of the Water Quality Act of 1987. Its purpose is to assess pollution problems and to develop a Comprehensive Conservation and Management Plan (CCMP) that identifies actions necessary for Bay restoration and protection.

This work program outlines the program objectives and fund sources for tasks to be accomplished in SMBRP's concluding planning year (July 1994 - June 1995), and also presents the tasks which initiate and demonstrate CCMP implementation. (The latter tasks are funded from local sources only.) Thus, it represents the program of transition from CCMP planning to implementation.

Extending the planning phase is necessary due to the Management Committee's (MC) request for further revisions to the draft Plan, the development of priorities, and the extension of the Plan public review period. Additionally, several products required by EPA, but not officially part of our Action Plan, must still be completed.

The SMBRP submits this document in fulfillment of requirements for funding requests under the NEP. It is also submitted as a revision to the 5-year EPA/State Conference Agreement. Table 1 which follows shows how the EPA/State Conference Agreement products will be accomplished under this work program's revised schedule. Figure 1 is the revised timeline.

**Figure 1
Santa Monica Bay Restoration Project
CCMP Approval Process
Revised Timeline**

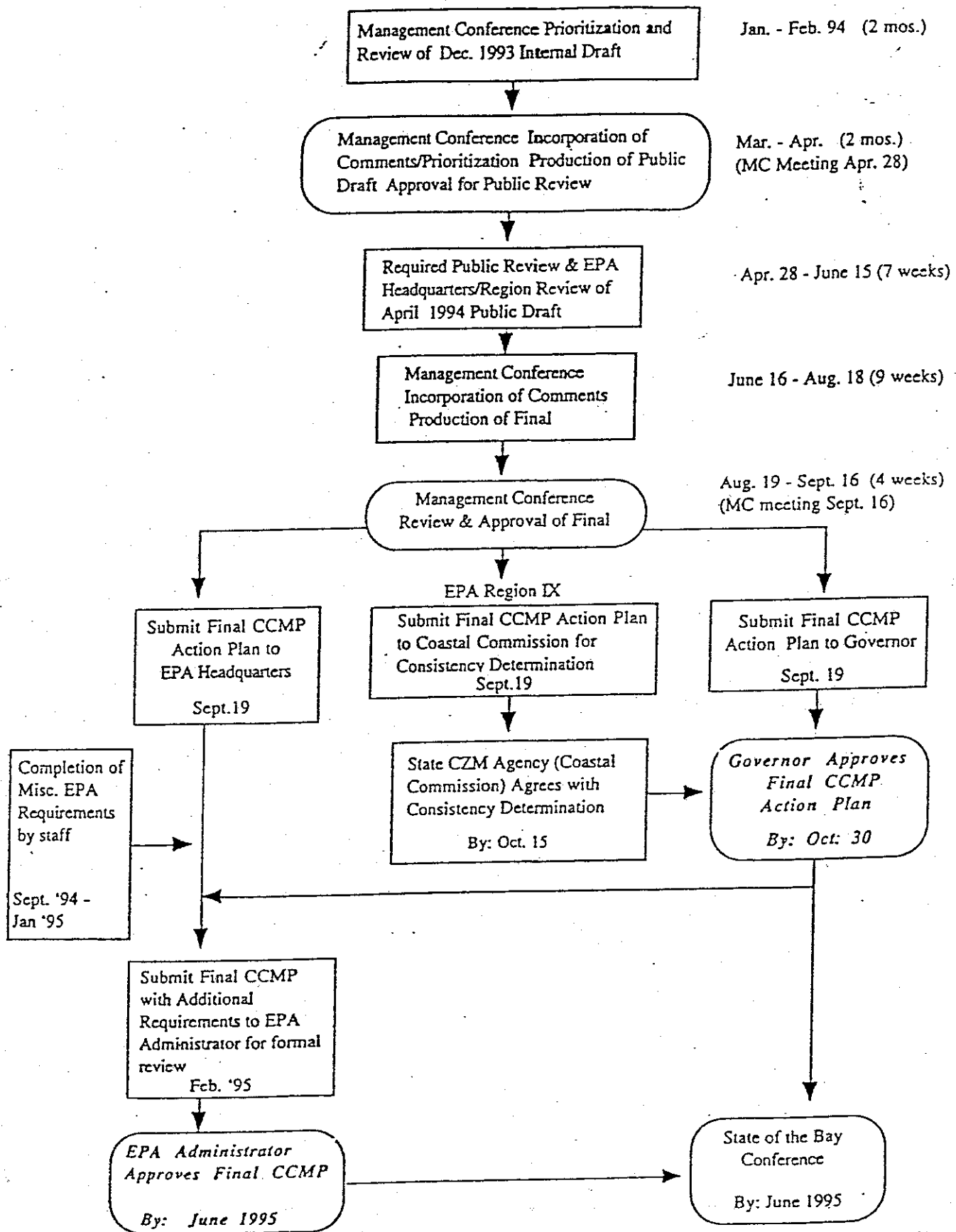


Table 1: Water Quality Act Purposes, EPA Guidance, and SMBRP Product Schedule

WQA PURPOSE	EPA GUIDANCE (#)	SMBRP PRODUCT	ORIGINAL DATE	REVISED DATE
	Priority Problem Identification (2)	SMB Public Hearings; State of the Bay Report; Problem Identification	11/86 12/88 7/89	
	Federal Program Inventory (2)	Preliminary Report (State of the Bay - Management Assessment) Final Report (Update)	12/88 6/91* 6/94	9/94
	Base Program Analysis; Action Now Agenda (3)	State of the Bay - Mgmt. Assessment Final Mgmt. Assessmt. Action Now Agenda	12/88; 6/91* 6/93 1/92*	9/94
Trends Assessment (Purpose 2)	Final Status and Trends Report (5)	Preliminary Characterization Report (State of the Bay - Scientific Assessment)	12/88 1/91*	
Cause/Effects Study (Purpose 2)				
Loadings Study (3)	Final "Probable Causes and Pollutant Loadings" Report (6)	Final Characterization Report	6/93	8/93*
CCMP Actions (Purpose 4)	Draft CCMP (7)	Preliminary CCMP - Action Plans	12/93	
		Draft CCMP - Action Plan	6/93	4/94*
	Final CCMP (8)	Final CCMP - Action Plan	6/94	9/94*
Federal/State Coordination (Purpose 5)	Draft CCMP (implementation/commitments) (7)	Draft CCMP	6/93	4/94
	Final CCMP (Implementation) (8)	Final CCMP - Bay Restoration Plan	6/94	2/95
	Financing Plan (4)	Draft Financing Program	6/93	4/94*
		Final CCMP - Financing Program	6/94	9/94

Monitoring (Purpose 6)	Draft CCMP (7)	Monitoring Program Strategy	6/92*	
	Final CCMP (8)	Draft Monitoring Program	12/93	
		Final CCMP - Monitoring Program	6/94	2/95
Federal Consistency (Purpose 7)	Draft CCMP (7)	Draft CCMP - Federal Consistency Statement	6/93	9/94
	Final CCMP (8)	Final CCMP - Federal Consistency Statement	6/94	2/95

* Management Committee Action

II. BACKGROUND

Santa Monica Bay adjoins one of the most densely populated coastlines in the United States. Nearly nine million people live near the Bay and use it for a variety of recreational activities including swimming, boating, and sport fishing. Many marine species, including at least five on the Federal list of endangered species, may be impacted by current activities in the Bay.

The Bay is also the repository for many waste products of the surrounding urban environment. Each day, nearly 700 million gallons of treated municipal and industrial wastewaters, 6 billion gallons of power generating plant cooling waters, and varying quantities of untreated urban runoff are discharged to the Bay.

While concentration and amounts of discharges from municipal sewage treatment have declined substantially in recent years, problems associated with the historic sediment contamination and the lack of adequate control over nonpoint sources of pollution present significant challenges to Bay restoration efforts.

The focus of Project efforts has been to address four key questions raised by the public:

- How safe is it to swim in Santa Monica Bay?
- How safe is it to eat fish caught in Santa Monica Bay?
- Is the ecosystem of the Bay adequately protected?
- Are the natural resources of the Bay adequately protected?

III ACCOMPLISHMENTS OF THE FIFTH YEAR

Much of the fifth year was devoted to writing and subsequently revising two drafts of the Action Plan and developing the Public Summary of the CCMP, developing cost figures for action implementation, editing the State of the Bay 1993 report, and laying the groundwork for implementation.

Although contract development for pilot implementation work and additional characterization projects was reduced to a minimum upon request by the Management Committee, some effort was directed toward finishing characterization projects designed to meet §320 (g) purposes 1,2,3, and 6. These include the following:

- The Comprehensive Santa Monica Bay Monitoring Framework which represents the blueprint for prioritizing information elements needed to link human activities (such as pollutant discharge and habitat alterations) to environmental change was approved by the MC in February 1994. The framework represents a key tool for implementing the Comprehensive Santa Monica Bay Monitoring Program in the most cost-effective manner.
- The development of standardized benthic monitoring program has been expanded to include fish and macro invertebrate trawling data. In addition, cooperation between the players of two EPA-sponsored programs - the National Estuary Program and the Environmental Monitoring and Assessment Program - has been achieved and will culminate in a revised pilot environmental monitoring program which is based on EMAP's random sampling design. This pilot project includes measuring key environmental indicators for the ecosystem component of the Comprehensive Monitoring Program for Santa Monica Bay.
- The pilot information management project is currently in the testing phase and is expected to be completed by June 1994. It will be expanded to include other monitoring information components once the indexing and exchange of benthic data and information has been tested.
- Because of the high quality and extensive information content of the seafood consumption data set, additional data analysis has become possible. The final Seafood Consumption report is expected to be approved by the Management Committee in September 1994. Carry-over funds dedicated to the development of a risk communication strategy (Task 5.3.3 in fifth-year workplan) will build upon these accomplishments.
- The Project is nearing completion of work on dry-weather urban runoff toxicity. Phase II, which investigates toxicity of wet-weather flows and sediment deposits in Stormdrains, is underway and funded by fourth year and fifth year funds. This work is critical to identifying BMPs and establishing "endpoints" for monitoring.

- A scope of work related to the role of aerial deposition in pollutant loading to the Bay has been developed and will be executed shortly.
- A contract related to testing innovative indicators of human fecal material in storm drains has been executed and will provide data by mid-summer on the usefulness of human sterols in detecting low-level fecal contamination in storm water and the surf zone.

The results of these studies and projects helped refine CCMP actions and will be useful in developing demonstration projects for testing implementation steps.

The Project worked on developing a finance strategy and program for CCMP implementation. Contract support is being used to develop a computer program to organize costs, identify potential funding mechanisms, and develop an overall finance plan. The final Finance Program will be presented to the MC for approval in the spring of 1994.

Work on the Management Assessment began during the fourth year and was scheduled to be completed by June, 1993. However, the Management Committee determined that the contractor-produced product was not sufficient and directed staff to re-write the Management Assessment Supplement so that it can be used to identify ways to improve the management structure governing the Bay. The inventory piece dealing with management of the Bay will be used to develop the Federal Consistency Report (Purpose 7).

A facilitated consensus-building process was used for identification of environmental problems and options for solutions in the Malibu Creek watershed. The Management Committee had chosen this particular watershed as a demonstration case for the "watershed management approach". A significant amount of staff time was dedicated to providing technical support for the mediators, organizing information in concise and understandable ways, and giving presentations to various interest groups.

IV. 1994/95 WORK PROGRAM

A. GOALS

- Establish Bay Watershed Council.
- Complete planning phase and secure official approvals.
- Pursue financing of Plan.
- Initiate implementation of Plan.

B. MILESTONES

The following is a tentative schedule for major milestones during the year:

- July - August '94: Incorporation of public comments and production of final Action Plan.
- September: Approval of final Action Plan and submittal to Governor and to EPA Headquarters.
- October: Consistency determination by the Coastal Commission and approval by the Governor.
- January '95: Completion of miscellaneous EPA requirements.
- February: Submit final CCMP (with additional required EPA products) formally to EPA Administrator.
- February-April: Complete tasks dealing with transition to implementation phase.
- April: EPA Administrator's approval; State of the Bay Conference.
- May - June: Begin implementation tasks and monitoring of Plan implementation. Hold State of Bay Conference and first meeting of Watershed Council.

C. 1994/95 WORK PROGRAM FUNDING AND COSTS

PROJECTED 1994/95 WORKPLAN FUNDING

<u>Amount</u>	<u>Funding Source</u>
\$360,000*	Section 320, CWA, EPA
411,000	Tobacco Tax, State (cost share + additional funds)
85,000	Unallocated Carry-over from 93/94
23,000	Reallocations from 93/94
<u>\$879,000</u>	<u>TOTAL COOP. AGREEMENT FUNDS</u>

* An additional \$10,000 from EPA is being awarded to SMBRP through the Foundation. The purpose of these funds is "to support travel for outreach activities such as presentations at NEP-related meetings and conferences, and travel to other NEPs or neighboring communities to promote peer-to-peer technical assistance." These funds will be shown in the Foundation budget rather than here.

ESTIMATED 1994/95 WORKPLAN COSTS

<u>Category</u>	<u>Funding Amount</u>
1. Personnel Costs (salaries, benefits, indirect costs)	
SMBRP Office (6.0 PYs)	\$556,645
SWRCB (0.5 PYs; estimate)	50,000
	606,645
2. Cooperative Agreements - Contract Personnel	
Interagency Personnel Agreements (IPAs) (2.5 PYs)	200,000
Student Assistants (2.4 PYs; estimate)	72,355
	272,355
 TOTAL ESTIMATED COSTS:	 \$879,000

Table 2. Summary Of Carryover Calculation

Carryover - Amounts Available for 94/95 Allocation	
<u>Category/Title</u>	<u>Amount</u>
<u>I. CONTRACTS</u>	
A. Public Outreach (unencumbered balance of 1992/93 contract)	\$28,000
B. SCAG IPA (unencumbered balance of 1992/93 contract)	10,000
C. Finance Planning	5,000
D. Various Technical	18,000
 <u>II. 93/94 STATE OVER-MATCH</u>	 47,000
 TOTAL AMOUNT AVAILABLE FOR CARRYOVER TO FY 94/95:	 \$108,000

D. 1994/95 WORK PROGRAM TASKS

Costs shown below reflect an averaged person-year (PY) cost of \$77,105 (includes IPA's, Students, and State staff). Staff work is divided into two phases: *CCMP policy and plan development* (which qualifies for funding prior to the Administrator's approval of the Plan - \$360,000 from EPA along with a State match of \$120,000) plus carryover/reallocation funds of \$108,000; and *implementation phase* tasks (\$291,000) which must be funded with non-EPA funds. As shown below, planning phase work totals \$588,000, while implementation phase tasks total \$291,000.

6.1 POLICY AND PLANNING (2.4 PY or \$187,510) [Purposes 4,5,6,7]

Tasks in this category deal with CCMP policy development and are divided into those tasks which complete the plan development phase and those which support implementation. EPA funds (and the required match) are used only to complete the planning phase previous to the EPA Administrator's approval. Only State funds are allocated to Plan implementation steps.

Complete plan development phase: (.5 PY or \$39,135) [Federal and state funds]

1. Program Evaluation Design - In order to monitor implementation of the CCMP, an evaluation design and specific forms and procedures must be developed. (.3 PY) (Contract support approved in 93/94 Foundation budget).
2. Management Assessment Update - Due to additional revisions of the Action Plan, this report was delayed. It will focus on and expand upon CCMP actions that call for regulatory changes. (.2 PY)

Begin implementation phase on tasks where post-SMBRP (Watershed Council) is lead: (1.9 PY or \$148,375) [State funds only]

3. Technical Assistance for Local Governments - This task will fund technical assistance efforts for small cities rather than use "Capital Improvement" contract envisioned for the FY 93/94 work program. This effort will assist local governments with storm water pollution prevention efforts and in accessing funding sources such as Proposition A moneys. One of the products from the cities in return will be a capital improvements list that can be used to determine the need for bond measures. (.3 PY, 93/94 funded contract will provide the assistance to cities) DUE: June 30, 1995
4. Santa Monica Bay Watershed Council - Finalize transition from Management Committee to Watershed Council and set-up and staff the new committees. Work will include finalizing membership on the various committees, determining the meeting schedules and operating procedures of the

committees, monitoring progress and determining barriers to implementation and developing solutions for Watershed Council implementation. Also prepare a 5-year Watershed Council "goals" document with annual milestones. (1.5 PY)

5. Explore feasibility of JPAs, watershed commissions. etc. (.1 PY)

6.2 PUBLIC OUTREACH (3.7 PY or \$281,130) [Purposes: All]

Tasks in this category deal with all types of outreach both in verbal and written form and include any publications and press that is needed to support the Plan.

Complete plan development phase: (2.8 PY or \$215,610) [Federal/State Funds]

1. Summary of Public Participation - A requirement of EPA is the preparation of a report on public involvement throughout the Plan development process. (.2 PY)
2. Public Review Report - Also requirements of EPA are specific public review procedures and a report on the public review process. Includes finalization of Plan text to incorporate public review comments. (.2 PY with contractor assistance) DUE: September 30, 1994
3. Legislation development - Although spot bills have been developed in FY 93/94 for the State Legislature, it is likely that legislation will be needed in future years as the Plan is implemented. Provide staffing necessary to track, provide input to, and analyze legislation under development - in particular, the Clean Water Act. (.6 PY)
4. Presentations and media on Plan - Particularly during the July - December period, staff will need to be presenting the CCMP to interested audiences and media contact work will be necessary. (.5 PY)
5. State of the Bay Conference - A major conference presenting the Plan and the technical studies conducted by the Project will be held. Extensive pre-conference planning, organization and publicity will be necessary. (.7 PY, contractor assistance) DUE: May 30, 1995
6. PIE Program Oversight (.6 PY) (approximately 30 mini-grants were issued and must be coordinated)

Begin implementation phase on tasks where post-SMBRP (Watershed Council) is the lead: (.9 PY or \$65,520) [State funds only]

7. 5-year Coordinated Urban Runoff Education Strategy - Working with all of the organizations that are preparing storm water/urban runoff educational efforts, develop a coordinated outreach program that minimizes overlapping efforts and maximizes use of limited resources. (.5 PY)
8. Implement new round of FY 94/95 PIE contracts (.4 PY, assumes funding for \$60,000 from SMBR Foundation)

6.3 SCIENTIFIC ASSESSMENT [Purposes: 1,2,3,4]

Tasks in this category address additional priority scientific assessments needed to support management/regulatory changes:

Complete planning phase: (1.4 PY or \$106,470) [Federal/State Funds]

1. Pursue Monitoring Data Management System. (.5 PY)
2. Establish Storm water Committee - report on feasibility of effluent limits. (.1 PY and also as part of Task 6.1-5)
3. Special Area Management Plans (SAMP) for wetlands/riparian areas of SMB Watershed - This planning effort will take several years to complete. First steps will be taken during the sixth year. (.3 PY)
4. Develop method for sanitary survey - Most of this will be done under a contract, however will require substantial staff involvement. (.2 PY)
5. Technical Contract Management - As listed below, the Project is managing a number of large technical contracts which require staff time to assure quality of final products. (.3 PY)

6.4 PROJECT ADMINISTRATION/CCMP FUND DEVELOPMENT (3.3 PY or \$253,890) [Purposes: All]

Tasks in this category account for secretarial services to the Project office as well as contract administration for both the Santa Monica Bay Restoration Foundation and for the Project Office. Most importantly, tasks that will assist in developing funds for the Plan's implementation are also presented here.

Complete Plan Development Phase: (2.3 PY or \$176,785) [Federal/State Funds]

1. Contract management, processing, accounting - Continuing and new contracts (93/94 funding). (.5 PY)
 - Seafood Health Risk Assessment
 - Seafood Communication Strategy
 - Stormdrains - wet weather and sediment toxicity
 - Aerial fallout
 - Comprehensive Monitoring Program
 - Malibu Creek Watershed Implementation
2. Foundation administration - Track all Foundation contracts, write checks, work with accountant to prepare accounting reports and tax papers, set up meetings with Board members, etc. (.7 PY)
3. General Project Secretarial support (1.0 PY)

Begin Implementation Phase: (1.0 PY or \$77,105) [State funds only]

4. Funding development - including preparation of grant applications to not only federal and state sources, but also to private foundations. Also includes production of the Foundation's Annual Report and a report on CCMP funding progress (1.0 PY with foundation contract assistance)
- 6.5 STATE BOARD POLICY/TECHNICAL INVOLVEMENT (.6 PY or \$50,000)
[Purposes: All] [Federal and State funding]
1. Provide staff involvement in chairing TAC and assist in State Board resolutions. (.6 PY)