

Proposal
PIN# 5548 - North Santa Monica Bay Integrated Regional Water Management Plan

RFP Title: Integrated Regional Water Management Planning Grant - Proposition 50, Chapter 8

Project Title: PIN# 5548 - North Santa Monica Bay Integrated Regional Water Management Plan

Project Description: The North Santa Monica Bay Integrated Regional Water Management Group, operating under the lead agency authority of the Santa Monica Bay Restoration Authority, is developing a formal Integrated Regional Water Management Plan. To date, a substantial amount of research, planning, and project development has taken place in the North Santa Monica Bay Region. However, not all related work has been integrated. Building upon this work, the agencies and stakeholders in the region are preparing an IRWMP with the understanding that through regional integration, more cost effective and broader-reaching water management solutions can be developed and implemented. The North Santa Monica Bay region consists of the Malibu Creek, Topanga Creek, and other rural Santa Monica Mountains watersheds; an area of approximately 200 square miles that includes cities of Agoura Hills, Calabasas, Malibu, Westlake Village, and Thousand Oaks, and unincorporated portions of Los Angeles and Ventura counties.

Applicant: Santa Monica Bay Restoration Authority

Project Director: Shelley Luce

Project Budget

Grant Funds Requested: \$ 430,925

Cost Matching Funds: \$ 1,732,376

Total Budget Funds: \$ 2,163,301

Project Location

Latitude & Longitude: 34.11 ; -118.75

Watershed: Malibu Creek, Topanga Creek,

County: Multiple Counties

Responsible RWQCB: 4 Los Angeles RWQCB

Funding Program

Integrated Coastal Watershed Management Planning Grant

Applied

Yes

Amount Recommended by SWRCB

\$0.00

Integrated Regional Water Management Planning Grant

Yes

\$0.00

Legislative District
Primary
Additional

Assembly District

41

37, 40

Senate District

23

19

US Congressional District

30

24

Contact Agency
Contact Name
Phone
Email

California Department of Water Resources

John Woodling

916-651-9291

jwoodlin@water.ca.gov

California Department of Water Resources

Tracie Billington

916-651-9226

tracieb@water.ca.gov

Los Angeles Regional Water Quality Control Board

Raymond Jay

213-576-6689

rjay@rb4.swrcb.ca.gov

State Water Resources Control Board

Shahla Dargahi Farahnak

916-341-5737

farahnas@swrcb.ca.gov

State Water Resources Control Board

James D. Marshall

916-341-5636

marshallj@swrcb.ca.gov

Los Angeles Regional Water Quality Control Board

Rod Collins

rcollins@rb4.swrcb.ca.gov

United States Department of Agriculture, Natural Resources Conservation Service

Casey Burns

casey.burns@ca.usda.gov

Cooperating Entity
Role on Project
Contact Name
Phone
Email

City of Agoura Hills

Co-Applicant

Kelly Fisher

818-597-7338

kfisher@ci.agoura-hills.ca.gov

City of Calabasas

Co-Applicant

Robin Hull

818-878-4242

rhull@ci.calabasas.ca.us

City of Malibu	Co-Applicant	Katie Lichtig	310-456-2489	klichtig@ci.malibu.ca.us
City of Malibu	Co-Applicant	Barbara Cameron	310-457-2060	malibugrants@aol.com
Los Angeles County Department of Public Works, Water Works District Number 29	Co-Applicant	David Rydman	626-458-5100	drydman@ladpw.org
West Basin Municipal Water District	Co-Applicant	Leighanne Reeser	310-660-6225	leighanner@wcbwater.org
HydroEarth		Phil Regli	949-632-7749	regli@aol.com
Los Angeles County Department of Beaches & Harbors	Co-Applicant	Lucy Younger	310-574-6787	lyounger@dbh.ca.la.ca.us
Los Angeles County Department of Public Works	Co-Applicant	Terri Grant	626-660-6209	tgrant@ladpw.org
Los Angeles County Department of Public Works	Co-Applicant	Carolina Trevizo	626-458-3978	ctrevizo@ladpw.org
Las Virgenes Municipal Water District	Co-Applicant	Randall Orton	818-251-2145	rorton@lvmwd.com
Resourc Conservation District of the Santa Monica Mountains	Co-Applicant	Melina Watts	310-455-1030	mwatts@rcdscmm.org
Santa Monica Bay Restoration Commission	Project Manager	Scott Valor	310-922-2376	svalor@waterboards.ca.gov
West Basin Municipal Water District	Co-Applicant	Gus Meza	626-660-6209	gusm@wcbwater.org
City of Westlake	Co-applicant	Joe Bellomo	805-653-6597	jbellomo@willdan.com

Q# Application Question

1. Based on the region's location, what is the applicable DWR district(s)? Check all that apply.

Answer: Southern District

2. What are the names and numbers of the groundwater basins underlying the region? For example: Fandango Valley, 5-1.02; Ash Valley, 5-54

Answer: Malibu Valley, 4-22; Conejo-Tierra Rejanda Volcanic, 4-21; Russel Valley, 4-20; Thousand Oaks Area, 4-19; Hidden Valley, 4-16; Central Plain of Los Angeles Groundwater Basin Santa Monica Subbasin (4-11.01)

3. For a region that encompasses multiple counties, list the name of each county.

Answer: Los Angeles; Ventura

4. For a region that extends beyond more than one Regional Water Board boundary, list the name of each Regional Water Board.

Answer: Los Angeles Regional Water Quality Control Board (Region 4)

5. Is the applicant requesting a waiver or reduction of the funding match based on disadvantaged communities? If yes, please submit Attachments 4 and 5. If Attachments 4 and 5 are not submitted, the application will not be considered for a waiver or reduction of the Funding Match.

Answer: No

6. Is the applicant a public agency or non-profit organization as described in Section III of the Guidelines?

Answer: Public Agency

7. List the regional agency or regional water management group members that qualify as urban water suppliers and which will receive funding from the proposed grant (See Section III of the Guidelines). If there are none, so indicate.

Answer: West Basin Municipal Water District Los Angeles County Water Works Number 29 Las Virgenes Municipal Water District

8. Have all of the urban water suppliers, listed in Q7 above, submitted complete urban water management plans to DWR? Have those plans been verified as complete by DWR? A 'Yes' answer indicates Yes to both questions. If either is No, chose 'No' and explain.

Answer: Yes

Answer:

9. Briefly describe the major water related issues within the region.

Answer: Potable water supplies are precious in this region for two reasons. First, 100 percent of supplies are imported water from MWD. In addition, water supply reliability is limited in that water supply from MWD is conveyed through two pipelines only. Recycled water is increasingly used for non-potable uses. The North Santa Monica Bay Group has also placed special focus on several water quality issues including;

improved land use planning to reduce non-point source pollution and runoff to the Bay, increased water quality monitoring, and Innovative treatment and beneficial water reuse. Water quality related issues in the North Santa Monica Bay Region have also impacted habitat and in some instances recreational use. Several watersheds including but not limited to the Las Virgenes and Malibu Creeks are listed on the 303 (d) list as impaired water bodies and the North Santa Monica coastal regions have experienced beach closures throughout the summer seasons.

10. Briefly described the objectives for the IRWM Plan.

Answer: Improve water supply reliability through improved conservation and increased use of recycled water; Ensure water quality protection and improvement through effective land use planning, innovative treatment, and monitoring; Enhance recreation and public access through effective land use planning and habitat restoration; Ensure environmental habitat protection through water quality improvement, land use management, and public outreach;

11. Identify the adoption date or anticipated adoption date of the IRWM Plan.

Answer: December 2006

12. List any major stakeholders that are/will participate in the IRWM Plan which were not identified in the Cooperating Entities section (tab). If there are none, so indicate.

Answer: Heal the Bay; California State Coastal Conservancy; Santa Monica Baykeeper; Santa Monica Mountains Conservancy;

13. Have all of the fields in the application been completed? If no, please explain.

Answer: Yes

Answer:

Attachment Title

[Att2_PG_EligDoc_1of1](#)

[Att3_PG_WorkPlan_1of2](#)

[Att3_PG_WorkPlan_2of2](#)

[Att1_PG_AuthDoc_1of1](#)

Date

5/12/2005 1:49:22 PM

5/12/2005 1:50:23 PM

5/12/2005 1:50:56 PM

5/12/2005 1:47:20 PM

Certification

I certify under penalty of perjury that the information I have entered on this application is true and complete to the best of my knowledge and that I am an employee of the applicant authorized to submit the application on behalf of the applicant. I further understand that any false, incomplete or incorrect statements may result in the disqualification of this application. By signing this application, I waive and all rights to privacy and confidentiality of the proposal on behalf of the applicant, to the extent provided in this RFP.

Submitted by: mhoeft

Submitter initials MRH

Submitted date: 5/12/2005

If you have any questions, please [contact](#) us.

**Attachment 1
Proposition 50 Chapter 8
Integrated Regional Water
Management Plan
Authorizing Documentation**

Prepared by:

North Santa Monica Bay
Integrated Regional Water Management Group

May 11, 2005

Authorizing Resolution

Attached is a copy of the authorizing resolution that was passed by the Board of the Santa Monica Bay Restoration Authority on February 24, 2005.

In subsequent discussion with Tracie Billington from DWR during March and April, she advised that additional language was needed in the resolution, authorizing the Executive Director of the Santa Monica Bay Restoration Authority to enter into a grant agreement with the state granting agency. However, because the Board of the Restoration Authority meets bimonthly, sufficient time was not available to have a modified resolution passed before the May 12, 2005 planning grant deadline. With the situation described, Tracie advised that a second resolution could be passed after the May 12, 2005 deadline with the necessary language. Attached is a copy of the email correspondence with Tracie regarding the matter.

The Board of the Santa Monica Bay Restoration Authority is scheduled to meet in June at which time, they will be presented with resolutions including the necessary revised language per the Proposal Solicitation Packages for both Planning Grants and Implementation Grants. We believe that the attached resolution displays the Authority's willingness to pursue and enter into the necessary grant agreements and thus anticipate approval of the modified resolutions. Once approved, a copy of these resolutions will be provided to DWR and the SWRCB.

SANTA MONICA BAY RESTORATION AUTHORITY (AUTHORITY)
RESOLUTION REGARDING PARTNERSHIP OF THE SANTA MONICA BAY
RESTORATION AUTHORITY WITH AN INTEGRATED REGIONAL WATER
MANAGEMENT GROUP IN THE MALIBU CREEK WATERSHED REGION FOR
RECEIPT OF PROPOSITION 50 GRANTS

Resolution No. 05-04

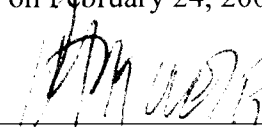
WHEREAS, the Santa Monica Bay Restoration Commission recommends at its February 24, 2005 meeting (Resolution Number 05-05) that the Santa Monica Bay Restoration Authority the Santa Monica Bay Restoration Authority as grant applicant for Proposition 50 Integrated Regional Water Management (IRWM) grants; and

WHEREAS, the Santa Monica Bay Restoration Commission further recommends that the Authority as fiscal agent for the grants;

BE IT RESOLVED that the Governing Board of the Santa Monica Bay Restoration Authority hereby authorizes Executive Officer of the Authority to submit Proposition 50 Integrated Regional Water Management grant proposal on behalf of the Malibu IRWM group.

Passed and Adopted by the Board of the SANTA MONICA BAY RESTORATION AUTHORITY on February 24, 2005.

BY:



Jack Weiss, Chair

Tom West

From: Billington, Tracie [tracieb@water.ca.gov]
Sent: Wednesday, April 13, 2005 9:53 AM
To: Tom West
Subject: RE: Resolution Language for Prop. 50 Chapter 8 application

In reality we need a resolution with the appropriate execution language by the time any grant agreement is executed, if your client were to receive an award... so yes there is time for a 2nd resolution to come in later.

-----Original Message-----

From: Tom West [mailto:TWest@rmcwater.com]
Sent: Wednesday, April 13, 2005 9:48 AM
To: Billington, Tracie
Subject: RE: Resolution Language for Prop. 50 Chapter 8 application

Thanks Tracie for your responses. A problem is that it is not likely that we will be able to get a modified resolution passed in time for the May 12 planning grant submittal date. Would the existing resolution (passed in February) be sufficient for now? A modified resolution would be passed in June when the Board is next scheduled to meet (quarterly) with the necessary language.

Again, for your reference, I've reattached the resolution that was passed in February.

Thank you again for your responses.

Best regards,

Tom West
RMC Water and Environment
1601 Cloverfield Blvd., Suite 2059
Santa Monica, CA 90404

-----Original Message-----

From: Billington, Tracie [mailto:tracieb@water.ca.gov]
Sent: Friday, April 08, 2005 3:58 PM
To: Tom West
Subject: RE: Resolution Language for Prop. 50 Chapter 8 application

Just look at appendix a of the Planning PSP - for planning we want it to also say execute, so that we don't have to ask for a 2nd resolution just to execute the agreement.

-----Original Message-----

From: Tom West [mailto:TWest@rmcwater.com]
Sent: Friday, April 08, 2005 2:06 PM
To: Billington, Tracie
Subject: RE: Resolution Language for Prop. 50 Chapter 8 application

Tracie,

Thanks for your response. While sufficient for step one, based on your comment, it seems that it would not be sufficient as written for a potential planning grant. Please confirm. I've re-attached for your reference. Thanks very much.

Regards,

Tom West
RMC Water and Environment
1601 Cloverfield Blvd., Suite 2059
Santa Monica, CA 90404

-----Original Message-----

From: Billington, Tracie [mailto:tracieb@water.ca.gov]
Sent: Friday, April 08, 2005 8:03 AM
To: Tom West
Subject: RE: Resolution Language for Prop. 50 Chapter 8 application

It's ok for Step 1. At Step 2 we will be looking for additional authority - i.e. to execute an agreement.

-----Original Message-----

From: Tom West [mailto:TWest@rmcwater.com]
Sent: Thursday, April 07, 2005 9:01 AM
To: Billington, Tracie
Subject: Resolution Language for Prop. 50 Chapter 8 application

Tracie:

First, thank you for meeting with our group from Malibu representing the North Santa Monica Bay Region on Tuesday morning. We appreciate the opportunity to share with you the situation and status of the region and to get your input relative to Chapter 8 applications.

A follow up question we have is on the authorizing resolution language. Attached is a copy of the resolution that was passed by the JPA that will serve as the lead agency and fiscal agent for any grant agreements that are made. The resolution was drafted and passed without reference to the sample resolution provided in the PSP. We believe it is sufficient for the needs of submitting Chapter 8 applications. Can you confirm that it is sufficient?

Thanks and we look forward to continuing to work with you on Chapter 8.

Best regards,

Tom West
RMC Water and Environment
1601 Cloverfield Blvd., Suite 2059
Santa Monica, CA 90404

Phone: (310) 309-5170
Fax: (213) 947-1317
Email: twest@rmcwater.com

-----Original Message-----

From: Scott Valor [mailto:svalor@waterboards.ca.gov]
Sent: Friday, March 18, 2005 1:24 PM
To: Tom West
Subject: IRWM

Here is the resolution. Let me know what else might be needed.

/s

Scott H. Valor
Director of Government Affairs
Santa Monica Bay Restoration Commission
213-576-6643 (direct)
213-576-6646 (fax)

Attachment 2
Proposition 50 Chapter 8
Integrated Regional Water
Eligible Applicant Documentation

Prepared by:

North Santa Monica Bay
Integrated Regional Water Management Group

May 11, 2005

Attachment 2 Eligible Applicant
Documentation

Joint Powers Authority Agreement

Attached is a copy of the Santa Monica Bay Restoration Authority joint powers authority agreement that was signed and adopted on April 6, 2004.

The Santa Monica Bay Restoration Authority (SMBRA) was formed as part of a joint powers authority (JPA) agreement between the Santa Monica Bay Restoration Commission and the Los Angeles County Flood Control District. Per Section 3 of the Proposition 50, Chapter 8 Guidelines, a Joint Powers Authority is defined as a public agency and has legal authority to enter into a grant agreement with the State of California, Department of Water Resources, or the State Water Board.

**SANTA MONICA BAY RESTORATION AUTHORITY
JOINT EXERCISE OF POWERS AGREEMENT**

THIS AGREEMENT is entered into pursuant to the provisions of Title 1, Division 7, Chapter 5, Article 1 (Section 6500, et seq.) of the Government Code relating to the joint exercise of powers between the following parties:

THE SANTA MONICA BAY RESTORATION COMMISSION, (hereinafter "Commission") a public agency of the State of California established pursuant to Division 20.7 of the Public Resources Code (Section 30988, et seq.); and

THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT, (hereinafter "District ") a public agency of the State of California established pursuant to Los Angeles County Flood Control Act, Chapter 755 Stats of 1915, Chapter 28 of the Appendix to the California Water Code.

WHEREAS, the Commission has the responsibility, authority and expertise to restore and protect the water quality and natural resources of the Santa Monica Bay and its watershed for the public benefit; and

WHEREAS, the District operates and maintains a municipal storm drain system located within the watersheds of the Santa Monica Bay and is dedicated to the control and reduction of pollutants in storm water that is discharged from the District's storm drain system.

WHEREAS, pursuant to Title 1, Division 7, Chapter 5 of the Government Code, commonly known as the Joint Exercise of Powers Act, two or more public agencies may by agreement jointly exercise any power common to the contracting parties; and

WHEREAS, the Santa Monica Bay and its watershed constitute a unique and valuable economic, environmental, agricultural, scientific, educational, and recreational resource which should be protected and restored for present and future generations; and

WHEREAS, the Commission and the District find and determine that it would be to their mutual advantage and the public benefit to coordinate their power and authority and expertise to develop and implement methods to reduce pollutants in the discharges from the District's storm drain system, so as to facilitate the restoration, protection and conservation of the water quality and natural resources of the Santa Monica Bay and its watersheds; and

WHEREAS, the parties desire, by means of this Agreement, to establish an organization and procedure for such exercise of power and authority, and to provide for the organization's power and procedures; Now **THEREFORE**, the parties mutually agree as follows:

SECTION 1. TERM OF AGREEMENT

1.0 This Agreement shall become effective upon execution by both parties.

1.1 This Agreement shall continue in full force and effect from year to year until terminated.

1.2 This Agreement may be terminated by either signatory, upon written notice to the other signatory, in accordance with the provisions of Section 13, below.

SECTION 2. PURPOSE OF AGREEMENT

2.0 The purpose of this agreement is to develop and facilitate programs for the protection and enhancement of the natural resources of the Santa Monica Bay Watersheds and the Santa Monica Bay consistent with the goals and responsibilities of the Commission and District.

SECTION 3. CREATION OF AUTHORITY

3.0 The Authority hereby created shall be a separate entity: "The Santa Monica Bay Restoration Authority", hereinafter referred to as "Authority." The Authority shall operate as a separate public agency within the Santa Monica Bay Watershed and the jurisdictional boundaries of the Commission and the District.

SECTION 4. POWERS OF AUTHORITY

4.0 The Authority is authorized to exercise the powers hereafter specified, to accomplish the purposes of this agreement, as provided for in Section 2, above.

4.1 The Authority shall have all powers common to the parties to this Agreement, and such other powers as may be provided by statute applicable to both parties which relate to the protection, restoration and conservation of coastal bays and watersheds, except as specifically prohibited in this agreement. Said common powers include, but are not limited to, all those powers specified in the Joint Exercise of Powers Act, codified in Chapter 5 of Division 7 of Title 1 of the Government Code, (commencing with section 6500), as may be amended during the term of this Agreement.

4.2 The Authority may request, receive and expend funds from any and all legally available sources for the purposes of this Agreement.

4.3 The Authority shall have no power to acquire property through the exercise of eminent domain.

4.4 Except as otherwise provided in paragraph 4.5 below such powers are subject to the restrictions upon the manner of exercising the powers as imposed upon the District, as provided in, and for the purposes of, Government Code Section 6509.

4.5 The Authority shall be subject to all laws (including building ordinances and zoning ordinances), regulations and general and specific plans of any city or county in which the Authority proposes to take action.

SECTION 5. GOVERNING BOARD

5.0..The Authority shall be governed by a board constituted pursuant to the agreement, within the meaning of Government Code Section 6500, et seq.

5.1 The Governing Board shall consist of five (5) voting members as follows:

- (a) Three voting members of the Governing Board of the Commission appointed by the Governing Board of the Commission, none of whom may be a member appointed by the Los Angeles County Board of Supervisors.**
- (b) The Director of the Los Angeles County Department of Public Works or his/her designee.**
- (c) The member of the Los Angeles County Board of Supervisors of the Los Angeles County Flood Control District, or his/her designee, who has been appointed to the Governing Board of the Commission.**

SECTION 6. MEETINGS

6.0 All meetings of the Governing Board shall be called, held, and conducted in accordance with the provisions of the Ralph M. Brown Act (Government Code Section 54950, et seq.) and with such further rules of the Governing Board as are not inconsistent therewith.

6.1 The Executive Officer of the Authority shall keep, or cause to be kept, the minutes of the Governing Board's meetings, both regular and special, and shall as soon as possible after each meeting, forward a copy of the minutes to each member of the Governing Board and to the Commission and the District.

SECTION 7. QUORUM AND PROCEDURE

7.0 A majority of the members of the Governing Board shall constitute a quorum necessary for the transaction of business. The affirmative vote of a majority of the quorum shall constitute an action of the Governing Board. Where applicable, Robert's Rules of Order, Newly Revised, shall govern the procedures of the Governing Board, except when inconsistent with the Ralph M. Brown Act.

7.1 The Governing Board shall elect its own chairperson and one vice chairperson. The chairperson shall preside over all meetings of the Authority. The vice chairperson shall preside in the absence of the chairperson.

SECTION 8. COMPENSATION AND OFFICE

8.0 The members of the Governing Board shall serve without compensation except that a reasonable allowance or reimbursement for attendance at meetings of the Governing Board, as determined by the Governing Board, may be paid, in an amount not to exceed \$50, to the extent compatible with Government Code Section 1126, Public Contract Code Sections 10410 and 10411, and any other applicable statutory provision.

8.1 The Governing Board, by resolution, shall designate a specific location at which it will receive notices, correspondence, and other communications and shall designate one of its members or employees as an "officer" for the purpose of receiving service of process on behalf of the Authority.

SECTION 9. ADMINISTRATION

9.0 The Authority shall have an executive officer who shall implement the policies and directives of the Governing Board and who shall perform the functions stated in Government Code Section 6505.1.

9.1 The Executive Director of the Commission shall serve *ex officio*, without additional compensation, as the Executive Officer of the Authority.

9.2 The Authority may use counsel from its member agencies or may retain independent counsel.

9.3 To implement this Agreement, the signatory members of this Agreement may loan employees to the Authority. To achieve the purposes of this Agreement, the Authority may, from time to time, establish positions and fix the salaries of employees of the Authority. Further, the Authority may authorize contracts and the hiring of contractors to deliver such products or services as the Authority may deem necessary.

9.4 The Executive Officer of the Authority shall appoint such other employees for positions established by the Governing Board and shall be responsible for the supervision thereof. The Executive Officer shall issue, manage and supervise such contracts as may be authorized by the Governing Board.

SECTION 10. FISCAL CONTROLS

10.0 The fiscal year of the Authority shall be the fiscal year of the District.

10.1 To the extent funds are legally available therefore, the Commission and the District are hereby authorized to make payments and contributions of public funds, as provided in Section 6504 of the Government Code.

10.2 The Authority shall be strictly accountable for all funds, receipts, and disbursements. The Authority shall adopt an annual budget, in a form approved by the Commission and

the District, which budget shall be submitted to the Commission and to the Board of Supervisors of the District for approval, in the time and manner as specified by all of these public agencies. Public funds may not be disbursed by the Authority without a budget adopted by the Authority, and approved by the Board of Supervisors of the District and the Governing Board of the Commission, and all receipts and disbursements shall be in strict conformance with the adopted and approved budget.

10.3 As provided in Section 6505.5 of the Government Code, the treasurer of the District shall act as the treasurer of the Authority and shall be the depository and have custody of all money of the Authority from whatever source. The Authority shall reimburse the District for costs incurred pursuant to this section, subject to the approval of the Governing Board of the Authority. The treasurer so designated shall:

- (a) Receive all money of the Authority and place it in the treasury of the District or other appropriate account, to the sole credit of the Authority.
- (b) Be responsible on his official bond for the safekeeping and disbursement of all Authority money so held by him.
- (c) Pay, when due, out of money of the Authority so held, all sums due on outstanding obligations of the Authority. Said sums shall be paid only by warrants of the public officer performing the functions of auditor or controller of this Authority.
- (d) Verify and report in writing on a quarterly basis to the Authority, the Commission and the District the amount of money held on account for the Authority, the amount of receipts since the last report, and the amount paid out since the last report.

10.4 The Auditor Controller of the District shall perform the functions of the auditor or controller of the Authority. The Auditor-Controller shall either make or contract with a certified public accountant to make an annual audit of the accounts and records of the Authority. In each case the minimum requirements of the audit shall be those prescribed by the State Controller for special districts under Section 26909 of the Government Code, and shall conform to generally accepted auditing standards. Where an audit of an account and records is made by a certified public accountant, a report thereof shall be filed as a public record with each of the parties to this agreement and with such other offices as the parties may so require. Such report shall be filed within six months of the end of the fiscal year under examination. All costs of the audit, including contracts with or employment of a certified public accountant, shall be borne by the Authority and charged against any unencumbered funds of the Authority. The Authority shall reimburse the District for the costs incurred in the connection with the performance of any other functions by the Auditor Controller, pursuant to this section, subject to the approval of the Governing Board of the Authority.

10.5 The Authority shall have the power to invest any money in the treasury of the Authority that is not required for the immediate necessities of the Authority, as the

Authority determines advisable, in the same manner and upon the same conditions as local agencies pursuant to Section 53601 of the Government Code.

SECTION 11. BONDS

11.0 Each member of the Governing Board, the executive officer, and the treasurer shall file an official bond with the Authority. When deemed appropriate by the Authority, a master bond may be utilized as referred to in Government Code Section 1481, and the bond shall also comply with the requirements of Title 1, Division 4, Chapter 3 of the Government Code, with those sections being deemed applicable to the Authority to the extent the Authority deems appropriate. The bond shall be in the amount of \$50,000. The premium shall be paid by the Authority.

SECTION 12. LIABILITY

12.0 The tort liability of the Authority and of all members of the Governing Board, and the executive officer and employees of the Authority, shall be controlled by the provisions of Division 3.6 of the Government Code. The provisions of Division 3.6 of the Government Code relating to indemnification of public employees and the defense of actions arising out any act or omission occurring in the scope of their employment shall apply to all members of the Governing Board, officers, and employees with respect to the Authority.

12.2 The Commission and the District specify that the debts, liabilities, and obligations of the Authority shall not be the debts, liabilities and obligations of either of the parties to this agreement, and neither the Authority nor its Governing Board shall have the power or authority to bind the Commission or the District to any debt, liability, contract, or obligation, or to employ any person on behalf of the parties, or any of them.

12.3 The Authority may maintain such public liability and other insurance as in its discretion is deemed appropriate and to the extent the cost of premiums thereof are provided for in the approved budget of the Authority.

12.4 No action or omission of the parties or any of them shall be attributable to the Commission or the District except as expressly provided in this Agreement.

SECTION 13. WITHDRAWAL OF PARTIES AND TERMINATION OF AGREEMENT

13.0 Any party may withdraw as a party to this Agreement provided that: (1) at the time of withdrawal, that party has either discharged, or arranged to the satisfaction of the other party to this Agreement for the discharge of, any pending legal or financial obligations it has assumed under or pursuant to this Agreement and (2) it provides written notice of its intent to withdraw to the Executive Officer not less than three months prior to the effective date of its withdrawal.

13.1 Upon the effective date of the withdrawal of either party from this Agreement, this Agreement shall be deemed terminated.

SECTION 14. DISPOSITION OF PROPERTY AND FUNDS

14.0 Upon termination of this Agreement, the Authority forthwith shall wind up its affairs, including discharging all of its outstanding legal obligations. Personal property and funds remaining in the Authority shall be returned to the party from which the funds or personal property were obtained, except as mutually agreed by the parties. All real property, if any, owned by the Authority shall be conveyed as the Authority shall determine, and if no determination is made, then such property shall be deemed to be conveyed to the Commission and to the District, in equal interests, as tenants in common.

SECTION 15. CONTRIBUTION OF THE SIGNATORY PARTIES

15.0 The Commission contribution to the Authority for administrative and operational purposes shall not exceed \$25,000 in any fiscal year. Contribution is here defined to include monetary contributions, if any, and the reasonable value of the services of any employees of the Commission that are loaned by it to the Authority, if any, and that are not otherwise covered by a separate reimbursement agreement. Such reimbursement agreements are hereby expressly authorized.

15.1 The District contribution to the Authority for operational and administrative purposes shall not exceed \$25,000 in any fiscal year. Contribution is here defined to include monetary contributions, if any, and the reasonable value of the services of any employees of the District loaned by it to the Authority, if any.

Sections 15.0 and 15.1 shall not affect the mutual exchange of services between parties to this agreement and the Authority without payment of any consideration other than such services. Such mutual exchange of services is hereby authorized to the extent permitted by the Section 6506 of the Government Code.

15.3 Each signatory party to this agreement shall contribute \$500 (five hundred dollars) per annum to cover the costs of mailing notices and other required expenditures.

SECTION 16. NON-DISCRIMINATION

16.0 The provisions of the State of California Non-Discrimination Clause (Form 17B) are by this reference incorporated herein.

SECTION 17. AMENDMENT TO THE AGREEMENT

17.0 The provisions of this Agreement shall be amended solely upon the adoption of a resolution to amend by each party to the Agreement.

SECTION 18. TERM

18.0 This Agreement shall continue in full force and effect from year to year until terminated.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed on the 6th day of APRIL, 2004, by their duly authorized representatives.

Santa Monica Bay Restoration Commission

By: [Signature]
Chairperson

Los Angeles County Flood Control District

By: Donald L. Wolfe
DONALD L. WOLFE
DEPARTMENT OF PUBLIC WORKS
COUNTY OF LOS ANGELES, acting on behalf
of the Los Angeles County Flood Control District

By: [Signature] Date: April 6, 2004
Chairman

ATTEST:
VIOLET VARONA-LUKENS
Executive Officer-Clerk of
the Board of Supervisors

APPROVED AS TO FORM:
LLOYD W. PELLMAN
County Counsel

By: [Signature] [Signature]
DEPUTY

ADOPTED
BOARD OF SUPERVISORS
COUNTY OF LOS ANGELES



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ARB = 6 2004

[Signature]
VIOLET VARONA-LUKENS
EXECUTIVE OFFICER

**Attachment 3
Proposition 50, Chapter 8
Integrated Regional Water
Management Plan
Work Plan**

Prepared by:

North Santa Monica Bay
Integrated Regional Water Management Group

May 12, 2005

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- Appendix A Letters of Support**
- Appendix B Draft IRWMP Outline**

1 Introduction

The North Santa Monica Bay Integrated Regional Water Management Group (Group), operating under the lead agency authority of the Santa Monica Bay Restoration Authority, is developing a formal Integrated Regional Water Management Plan (IRWMP) which also encompasses an Integrated Coastal Water Management Plan. To date, a substantial amount of research, planning, and project development has taken place in the region and continues to the extent possible under the jurisdictions of the group members. However, many of these activities have not been integrated either across the region to address multiple water management strategies. Building upon this work, the agencies and stakeholders in the region are preparing an IRWMP with the understanding that through regional integration, more cost effective and broader-reaching water management solutions can be developed and implemented.

This submittal is part of a long-term strategy to integrate water and watershed management planning efforts across the Los Angeles region, defined for these purposes as the watersheds of the San Gabriel River, Los Angeles River, Ballona Creek, Dominguez Channel, and Santa Monica Bay from Arroyo Sequit to the Palos Verdes peninsula. For the current round of funding, due to varying stages of planning and development in different watersheds, available resources and time constraints, the region has developed plans along watershed and jurisdictional lines. Across the region, substantial coordination has taken place among the agencies and organizations in developing these immediate plans. If funded for Proposition 50, Chapter 8 Integrated Regional Water Management Planning grants, we are committed to working with our sister agencies and jurisdictions to extend the planning effort beyond individual watersheds so that integration occurs across jurisdictional boundaries and incorporates the larger set of watersheds of the Los Angeles bioregion.

Included in Appendix A of this work plan are letters from the County of Los Angeles Department of Public Works and the City of Malibu supporting the NSMB Group's effort to integrate coastal water management projects. The NSMB Group is committed to preparing an IRWMP as outlined in the work plan and has both participatory and financial support from its stakeholders. However, because of the limited population base and the need to focus resources to meet specific water quality and water resource needs, funding is needed to support region-wide efforts.

2 Background

The following section and attached proposed IRWMP outline summarizes the relevant work completed to date and the work necessary to complete an IRWMP for the North Santa Monica Bay Region. Required budget, funding needed, and the schedule for completion of the different activities associated with preparing the IRWMP are presented in the following sections of this report.

2.1 Description of Regional Agency

The NSMB region is made up of at least seventeen stakeholders that deal with water management issues. The North Santa Monica Bay (NSMB) IRWMP process will be lead by the Santa Monica Bay Restoration Authority, which was established as part of a joint powers authority (JPA) agreement between the Santa Monica Bay Restoration Commission and the Los Angeles County Flood Control District. The Santa Monica Bay Restoration Commission is made up of scientific and technical professionals from governmental agencies, universities, research institutions, and environmental organizations. In order to foster a truly integrated plan, the other agencies and stakeholders with jurisdiction in the North Santa Monica Bay region have joined with the Santa Monica Bay Restoration Authority to form an Integrated Regional Water Management Group (IRWM Group).

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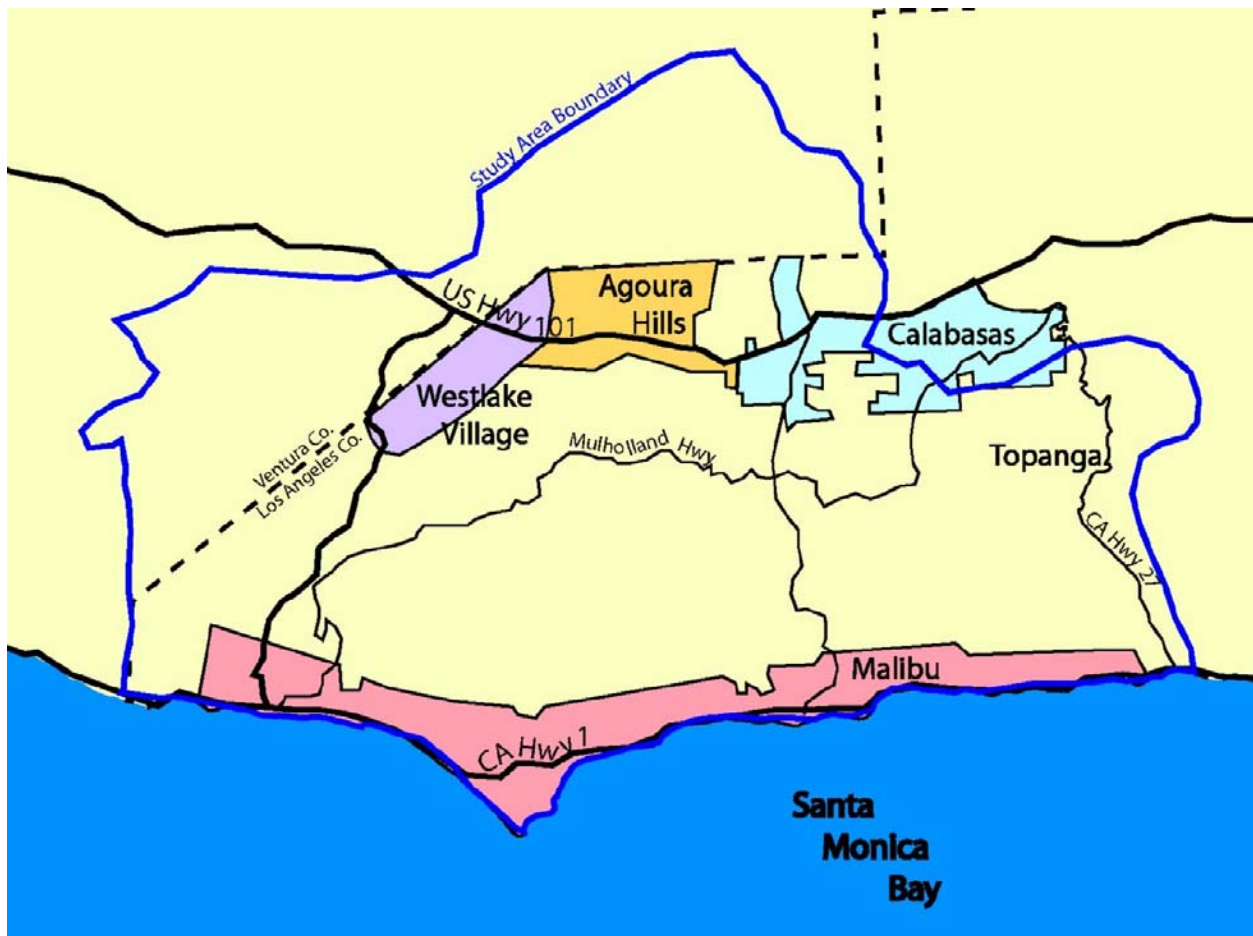
The IRWMP Group includes a broad range of agencies, cities, and other organizations, all of which have been collaborating on IRWMP activities for North Santa Monica Bay. These include (but are not limited to) the following agencies and organizations:

- City of Malibu
- City of Agoura Hills
- City of Calabasas
- City of Westlake Village
- Las Virgenes Municipal Water District
- West Basin Municipal Water District
- County of Los Angeles
 - Public Works
 - Beaches & Harbors
 - Waterworks District No. 29, Malibu
- Resource Conservation District of the Santa Monica Mountains
- Santa Monica Mountains Conservancy
- Santa Monica Bay Restoration Commission
- Heal the Bay
- Santa Monica BayKeeper
- California State Parks
- Triunfo Sanitation District
- Surfrider Foundation

2.2 Description of Region

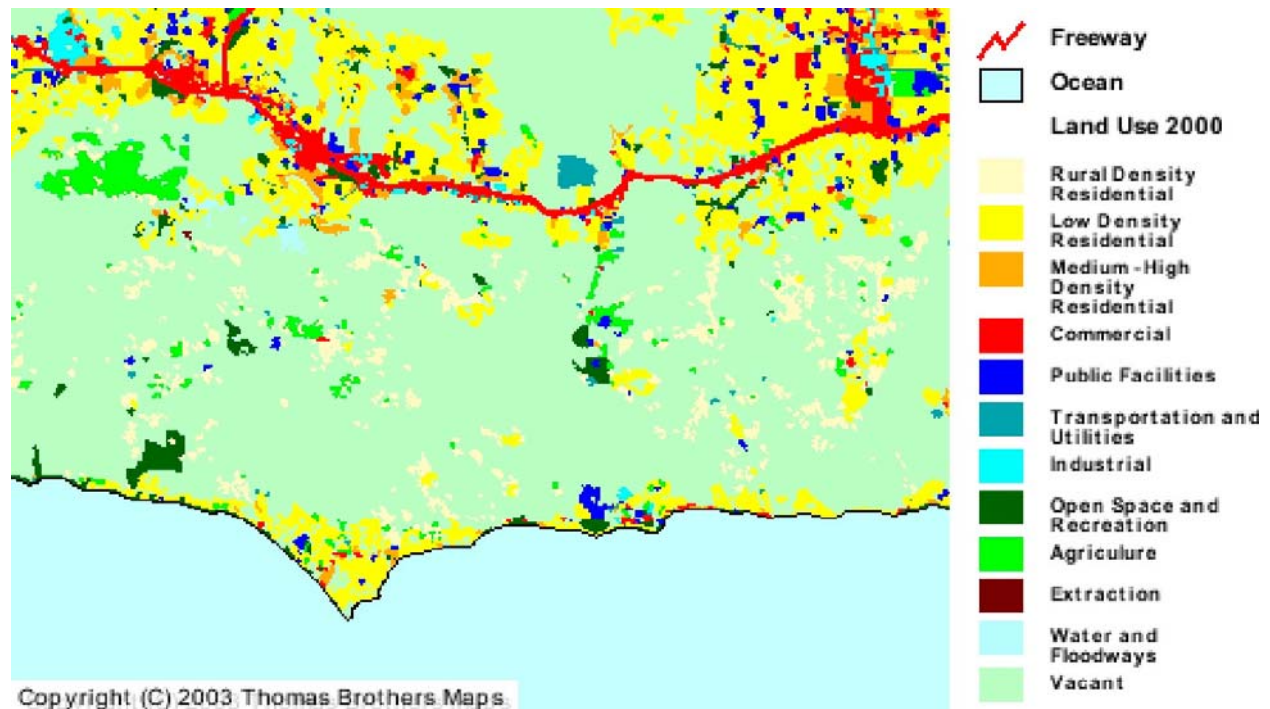
As illustrated in Figure 2.1, the North Santa Monica Bay is a geographically distinct coastal region located in the northwest corner of Los Angeles County bounded on the north, west, and east by the Santa Monica Mountains and on the south by the Pacific Ocean. The region consists of more than 20 watersheds, including Malibu Creek watershed, Topanga Creek watershed, and many smaller rural Santa Monica Mountains watersheds; an area of approximately 200 square miles. The watersheds are comprised of all or parts of the cities of Agoura Hills, Calabasas, Malibu, Westlake Village, and Thousand Oaks, and unincorporated portions of the Counties of Los Angeles and Ventura. Combined, these communities are home to only about 90,000 residents. Population growth within this region increased at a significant rate during the 1980s (10%), but slowed somewhat during the 1990s (2%), with limited growth expected in the future.

Figure 2-1: North Santa Monica Bay Region



The Santa Monica Bay and its watersheds constitute a unique and valuable economic, environmental, agricultural, scientific, educational, and recreational resource that should be protected and restored for present and future generations. In contrast to much of Los Angeles County, the North Santa Monica Bay region is unique in that approximately 80 percent of the land area is undeveloped. Development is concentrated in and around the cities within the region and includes mostly residential, agricultural, commercial, and industrial land uses. Much of the watershed is covered by the Santa Monica Mountains National Recreation Area, with several other parks including Malibu Creek State Park, Topanga State Park, nearly ten miles of State and County beaches, and multiple city parks throughout the region. The NSMB region serves as somewhat of a multicultural microcosm in that its recreational amenities serve more than 20 million visitors annually. Visitors include groups and/or individuals who participate annually in community-based parks and recreational programs that target students and members from neighboring and disadvantaged communities within Los Angeles County. Despite limited development, as shown in Figure 2-2 the region faces challenges in many water management areas including limited funding for water and wastewater projects.

Figure 2-2: North Santa Monica Bay Land Use Map



The NSMB region is bordered by a mountainous landscape that although magnificent presents a challenging topography for water and wastewater facility planning and improvements. In the past and even more so in recent years landslides have increased water and wastewater facility vulnerability and have exacerbated pollutant loading into the NSMB coastal areas.

Figure 2-3 shows the impaired water bodies on the 303(d) list and areas of special biological significance (ASBS) within the NSMB region, compromising more than 25% of the region's coastline. The Santa Monica Bay Restoration Commission provides an update on the health of the NSMB as part of the "State of the Bay Report." Bay habitat including but not limited to benthic communities, kelp beds, and various fish species such as kelp bass were identified as species most vulnerable to pollutant loading.

Figure 2-3: Impaired Water Bodies & Areas of Special Biological Significance of the North Santa Monica Bay Region



In March of 2005, the County of Los Angeles, City of Malibu, and the Department of Transportation completed the Draft North Santa Monica Bay Beaches Wet-weather Bacteria Total Maximum Daily Load (TMDL) Implementation Plan in response to Resolution No. 2002-022 of the California Regional Water Quality Control Board, which requires implementation of bacteria total maximum daily load (TMDLs) for North Santa Monica Bay Beaches. The TMDL implementation plan outlines an approach to address bacteriological non-point source pollutants specific to each rural watershed.

Table 2.1 provides a summary of 303(d) pollutants found in some of the NSMB watersheds.

Table 2-1: Example Pollutants of Concern for Impaired Water Bodies in the North Santa Monica Bay Region

Watershed	Waterbodies	Pollutants ¹
Malibu Creek	Rivers & Streams	Coliform Bacteria, Selenium, Nutrients (algae), Trash
	Lakes	Mercury (tissue), Ammonia, Nutrients, Low Dissolved Oxygen
Topanga Creek	Rivers & Streams	Lead
Coastal Shorelines	Beaches	Coliform Bacteria

1. The listed pollutants are either high or medium priority as identified by the Los Angeles Regional Water Quality Control Board. Low priority pollutants are excluded.

The California State Coastal Conservancy funded, Southern California Kelp Restoration and Monitoring Program was established to promote the growth of kelp beds along the Santa Monica Bay coast. Many of the coastal areas that have been studied as part of this effort are within ASBS in the NSMB. Specific

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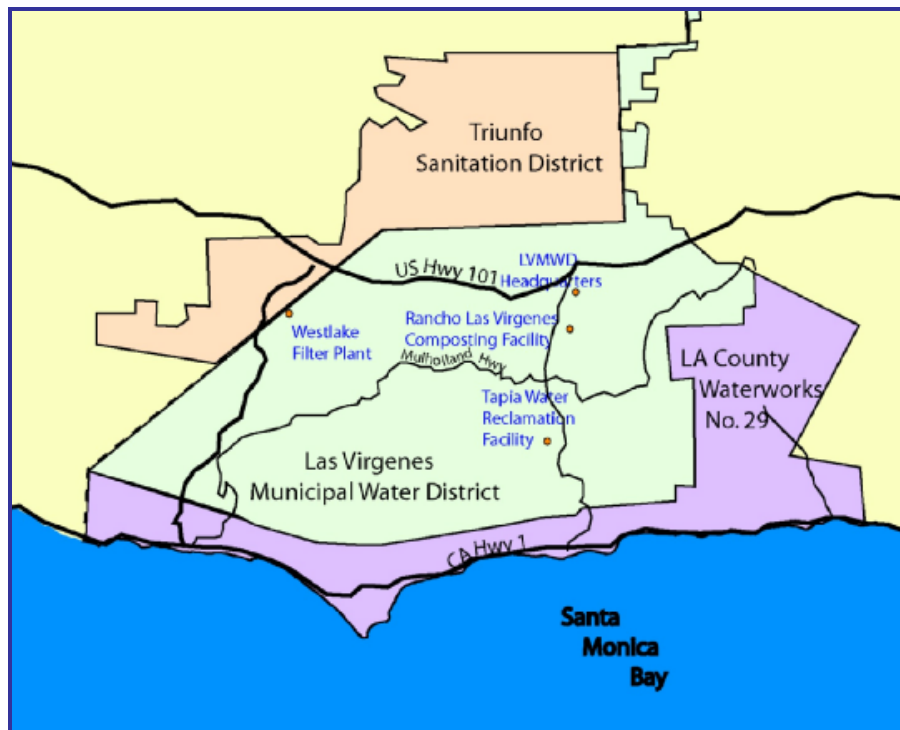
project components include replanting kelp in areas of declining kelp populations, relocating sea urchins to populate the kelp beds, and monitoring both kelp growth and fish populations within the habitat area.

Although, much of the work needed to identify ASBS and impaired water bodies is underway, additional work and funding is needed to identify habitat affected by various non-point source pollutants and human related activities.

The climate of the North Santa Monica Bay region is Mediterranean, characterized by typically warm, dry summers, and wet, cool winters with an average precipitation that ranges from about 12 inches per year along the coast to 25 inches in the higher elevations. The combination of mild climate, low rainfall, and rugged coastline make the area a popular tourist and residential destination, challenging water agencies to provide adequate and reliable water service.

Water supplies within the North Santa Monica Bay region are imported from the Metropolitan Water District (MWD). Recycled water is increasingly used for non-potable uses. Potable water supplies are precious in this region for two reasons. First, 100 percent of supplies are imported water from MWD. In addition, water supply reliability is limited in that water supply from MWD is conveyed through two pipelines only, one along the coast and the other inland. Figure 2-4 below shows the service areas of the water purveyors and wastewater agencies in the North Santa Monica Bay Region.

Figure 2-4: North Santa Monica Bay Region – Water and Wastewater Agencies



To summarize, this diverse range of resources requires an innovative and integrated management plan that covers all water management elements affecting these resources. The stakeholders of this region have joined together to prepare an IRWMP that links all of the water management activities of the North Santa Monica region.

Description of Region

The NSMB Group has established the following objectives in an effort address State-wide priorities and to promote collaboration among stakeholder groups on water management related issues.

- Improve water supply reliability through infrastructure planning and public participation
- Ensure water quality protection and improvement through effective land use planning, innovative treatment, and monitoring
- Enhance recreation and public access through effective land use planning and habitat restoration
- Ensure environmental habitat protection through water quality improvement, land use management, and public outreach

In doing so, the Group has identified several specific objectives under each general area noted above. The following sections provide discussion on how the Group will focus planning efforts on specific water management issues to address the regional objectives and State-wide priorities.

2.2.1 Water Supply Reliability Objectives

Previous water supply and reliability studies have been focused mainly on addressing local planning objectives. Many of the water agencies that are part of the NSMB Group have prepared urban water management plans that address best management practices related to water conservation, water recycling, water transfers, and reduced use of imported water. The NSMB Group will continue its efforts to improve water supply reliability regionally by making both planning and implementation strides in the following areas:

- Interagency coordination through sharing of infrastructure, water conservation programs and project planning
- Improved demand management to ensure supply during drought periods and reduce conflict between water users
- Reduced need for imported water
- Increased water recycling

2.2.2 Water Quality Objectives

The NSMB Group has developed several regional projects and/or programs with specific objectives that address water quality from both a monitoring and enhancement approach. Examples of such studies include the “Santa Monica Bay Beaches Wet Weather Bacterial Total Maximum Daily Load Draft Implementation Plan”, the “Malibu Creek Watershed Natural Resources Plan”, and North Santa Monica Bay region’s “Plan Blue.” Because the region’s beaches and parks host more than twenty million visitors each year, the Group objective is to expand regional water quality efforts by developing an integrated plan that addresses the following:

- Implementation of TMDL and NPDES requirements beyond those established for bacteria and nutrients
- Consistent and integrated water quality objectives for beaches, lakes, and creeks
- Enhancement of water quality conditions related to recreational use
- Use of wetlands and other natural systems to capture and provide treatment for stormwater runoff
- Greater development of beneficial reuse strategies

2.2.3 Recreational and Public Access

The NSMB Group has primarily addressed recreational and public access locally as part of individual city and county General Plans. Though indirectly, recreational use has also been addressed on a regional basis through programs and/or studies that address water quality issues that affect public access. An example of one such study includes the “Santa Monica Bay Beaches Wet Weather Bacterial Total Maximum Daily Load Draft Implementation Plan” which provides discussion on how improving water quality at beaches will reduce the number of annual beach closures. Another example includes the “Lower Malibu Creek and Lagoon Resource Enhancement and Management Plan.” This study discusses the feasibility of restoring a wetland in the Malibu Civic Center area to reduce nitrogen loading to the Malibu Lagoon. This project would not only improve water quality, but also provide natural habitat and public access. The NSMB Group will enhance the region’s recreational and public access by developing an integrated plan that recommends projects and programs that address the following:

- Meeting State REC 1 requirements for water contact recreation
- Reducing annual beach closures
- Enhancing visitor opportunities through increased habitat protection and restoration

2.2.4 Environmental Protection and Habitat Restoration

The NSMB Group has collectively generated several studies that address environmental protection and habitat restoration. For example the Santa Monica Bay Restoration Authority’s “State of the Bay” provides a discussion on the progress and challenges of implemented water quality programs designed to reduce Bay pollution and improve recreation and aquatic life. Other regional studies that address environmental protection and habitat restoration include the Topanga Creek Watershed Plan, Las Virgenes Malibu Council of Government’s Draft Plan Blue (2003) and the Watershed Management Area Plan for the Malibu Creek, the City of Malibu Local Coastal Program and Santa Monica Bay Restoration Project’s, “Making Progress: Restoration of the Malibu Creek Watershed.” Each of these plans and/or programs include several components that focus on implementation of strategies to improve and restore the environment and its habitat. The NSMB Group includes organizations such as Heal the Bay, whose primary objective is to develop programs and studies that will help restore and protect habitat. The NSBW Group will extend its efforts in this area by developing an integrated plan that outlines additional programs and projects that will help to improve the environment through:

- Effective land use planning and local ordinances
- Stormwater capture and treatment
- Water quality monitoring
- Public education and participation

2.3 Previous Efforts and Activities

Activities that support the development of a formal IRWMP are well underway in the NSMB and remaining work identified in this work plan will build upon these efforts. The NSMB region has produced a number of comprehensive documents related to water management issues, which are listed in Table 2.2.

Attachment 3 Work Plan

Although Table 2.2 list only the required Proposition 50, Chapter 8 water management strategies, studies including the Santa Monica Bay Beaches Wet Weather Total Maximum Daily Load Draft Implementation Plan, also address water management strategies not required, including non-point source pollution and land use planning.

Table 2-2: Existing Comprehensive Plans

Strategy: Environmental Habitat Protection and Improvement	
<i>Regional Studies</i>	Santa Monica Bay Restoration Authority "State of the Bay", 2004 "Making Progress: Restoration of the Malibu Creek Watershed", Santa Monica Bay Restoration Authority, 2001 City of Malibu, Local Coastal Program, 2002 County of Los Angeles Malibu Land Use Plan ¹ North Santa Monica Bay White Paper, LA County Dept of Public Works Watershed Management Area Plan for the Malibu Creek Watershed Las Virgenes Malibu Council of Government, Plan Blue (Draft), 2003
<i>Area Specific Plans</i>	City of Calabasas General Plan, 1995 "A Creek Protection & Revitalization Plan for Las Virgenes Creek", City of Calabasas, 2001 City of Malibu General Plan, 1995 City of Malibu, Flood Mitigation Plan, 2001 City of Malibu, Las Flores Creek Restoration Plan City of Malibu, Solstice Creek Fish Barrier Removal Plan City of Malibu, Malibu Civic Center Integrated Water Quality Feasibility Study
Strategy: Wetlands Enhancement and Creation	
<i>Regional Studies</i>	"Making Progress: Restoration of the Malibu Creek Watershed", Santa Monica Bay Restoration Authority, 2001 City of Malibu, Local Coastal Program, 2002 Santa Monica Bay Beaches Wet Weather Total Maximum Daily Load Draft Implementation Plan, March 2005
<i>Area Specific Plans</i>	City of Malibu, Lower Malibu Creek and Lagoon Resource Enhancement and Management Plan Heal the Bay, Malibu Lagoon Restoration Feasibility Study Final Alternatives Analysis, March 2005

¹ This plan is currently being updated to include a local implementation program which will contain standards that address new development and coastal protection.

Cont. Table 2-2: Existing Comprehensive Plans

Strategy: Water Supply, Reliability, Conservation, and Recycling	
<i>Regional Studies</i>	City of Malibu, Local Coastal Program, 2002 North Santa Monica Bay White Paper, LA County Dept of Public Works Santa Monica Bay Beaches Wet Weather Total Maximum Daily Load Draft Implementation Plan, March 2005
<i>Area Specific Plans</i>	City of Agoura General Plan, 1993 Las Virgenes Municipal Water District Urban Water Management Plan, 1996 City of Calabasas General Plan, 1995 City of Malibu General Plan, 1995 West Basin MWD Urban Water Management Plan, 2000 Los Angeles County Waterworks District No. 29, Malibu Urban Water Management Plan Oak Park Water Service Operations Plan, 1996 Oak Park Water Service Reliability Study, 1998."
Strategy: Flood Management	
<i>Regional Studies</i>	City of Malibu, Local Coastal Program, 2002
<i>Area Specific Plans</i>	City of Malibu General Plan, 1995 City of Calabasas General Plan, 1995 City of Malibu, Flood Mitigation Plan, 2001
Strategy: Water Quality Protection and Improvement	
<i>Regional Studies</i>	Santa Monica Bay Restoration Authority "State of the Bay", 2004 City of Malibu Local Coastal Program, 2002 North Santa Monica Bay White Paper, LA County Dept of Public Works Santa Monica Bay Beaches Wet Weather Total Maximum Daily Load Draft Implementation Plan, March 2005 Watershed Management Area Plan for the Malibu Creek Watershed
<i>Area Specific Plans</i>	Las Virgenes Malibu Council of Government, Plan Blue (Draft), 2003 City of Agoura General Plan, 1993 LA County Waterworks District 29 & Marina Del Rey Urban Water Management Plan, 2000 "A Creek Protection & Revitalization Plan for Las Virgenes Creek", City of Calabasas, 2001 City of Calabasas General Plan, 1995 City of Malibu General Plan, 1995
Strategy: Stormwater Capture and Management	
<i>Regional Studies</i>	"Making Progress: Restoration of the Malibu Creek Watershed", Santa Monica Bay Restoration Authority, 2001 City of Malibu, Local Coastal Program, 2002 Santa Monica Bay Beaches Wet Weather Total Maximum Daily Load Draft Implementation Plan, March 2005
<i>Area Specific Plans</i>	City of Agoura General Plan, 1993 City of Calabasas General Plan, 1995 City of Malibu General Plan, 1995 City of Malibu, Flood Mitigation Plan, 2001
Strategy: Recreation and Public Access	
<i>Regional Studies</i>	"State of the Bay", Santa Monica Bay Restoration Authority, 2004 City of Malibu, Local Coastal Program, 2002 Santa Monica Bay Beaches Wet Weather Total Maximum Daily Load Draft Implementation Plan, March 2005
<i>Area Specific Plans</i>	City of Agoura General Plan, 1993 "A Creek Protection & Revitalization Plan for Las Virgenes Creek", City of Calabasas, 2001

Attachment 3 Work Plan

These documents provide a supportable basis for developing an Integrated Regional Water Management Plan (IRWMP). However the existing planning documentation does not sufficiently address all the necessary elements for an IRWMP as defined in the Proposition 50, Chapter 8 November 2004 Guidelines. Areas such as water quality protection and improvement and habitat protection have been studied extensively both on the local and regional levels, but efforts in key areas such as water supply reliability have been mainly focused on the local planning level. In addition, integration strategies and benefits, as well as implementation steps on a region-wide basis are not sufficiently addressed.

With this work plan, it is the goal of the NSMB Group to fill the gaps through preparation of an integrated regional plan and implementation of programs and projects that effectively address the region's objectives and integrate multiple water management strategies. The following sections provide discussion on what studies have been completed to date and how these studies address regional objectives and integrate regional water management strategies.

2.4 Integration of Strategies

The North Santa Monica Bay IRWM Group members have individually, and in some cases collectively, addressed a wide range of Proposition 50, Chapter 8 required strategies and State Water Resource Control Board non-point source pollution management measures in existing reports. This is apparent in master planning reports as well as project specific studies such as the Lower Malibu Creek and Lagoon Resource Enhancement and Management Plan and the Malibu Civic Center Integrated Water Quality Feasibility Study. Restoring the Malibu Wetlands and creation of a series of natural retention basins tied in with the City of Malibu's stormwater treatment facility will improve water quality and public access by reducing bacteria and nutrient loading in Malibu Creek, Malibu Lagoon, and Surfrider Beach. This is an example of a project that integrates multiple strategies.

The "Santa Monica Bay Beaches Wet Weather Bacterial TMDL Draft Implementation Plan" is another example of the NSMB Group's effort to implement programs and/or projects that integrate multiple strategies. The TMDL Implementation Plan addresses water quality improvement, habitat restoration, and recreational use. This plan represents an integrated water resources approach that takes a holistic view of regional water resources management by integrating urban land use planning activities for future storm water, recycled water, and potable water needs and systems, and focuses on beneficial re-use of storm water.

In addition, the Topanga Creek Watershed Plan provides strategies to enhance the watershed through integration of water quality improvement, land use planning, flood protection, and recreational enhancement.

However the level of regional planning found in existing water quality, habitat restoration, and recreational use studies has not been addressed for water supply reliability. Additional work is needed to ensure integration of water supply reliability with other water management strategies. The attached work plan outlines the NSMB Group's approach to addressing integration of water supply reliability with other strategies on a regional basis. A key component of the work plan includes an evaluation of how existing localized programs can be expanded regionally to address multiple water management strategies.

2.5 Plan Implementation

Based on existing documentation, implementation planning has not been consistently incorporated into existing reports. However, there are various reports that do document planning efforts on a regional scale for the NSMB Region. The Santa Monica Bay Beaches Bacterial Total Maximum Daily Loads (TMDL) Implementation Plan addresses several water management strategies and outlines a road map to accomplishing a set of goals. The TMDL Implementation Plan introduces an approach to maintaining water quality standards at Santa Monica Bay beaches by establishing water quality goals and baseline conditions. As part of this effort, an implementation and prioritization plan has been developed. Planning and implementation is anticipated to occur in 4 phases over the next 18 years.

Another example of a plan that provides prioritization and scheduling of projects is the Las Virgenes Malibu Council of Government's "Plan Blue." The Plan Blue report outlines a plan to reduce stormwater pollution through the implementation of Best Management Practices (BMPs) related to public outreach and education, inspections, and development and design of vehicle facilities and roads. The Plan Blue report outlines a 5-year implementation plan for meeting National Pollutant Discharge Elimination System (NPDES) requirements.

Other examples include the Las Virgenes Urban Water Management Plan (UWMP) and the Topanga Creek Watershed Plan. The Las Virgenes UWMP provides a set of goals and timeline for implementation of water conservation programs. While the Topanga Creek Watershed Plan does not specifically provide a timeline, it outlines a set of action items for each water management strategy. For example, under land use planning, the plan proposes establishing guidelines that require development setbacks from oak and riparian habitats, necessary to provide suitable protection.

Although the urban water management plans and other studies noted above are great examples of the NSMB Group's effort towards project phasing and implementation, additional work is necessary to develop implementation strategies on a more regional basis that meet the minimum standard of the Proposition 50, Chapter 8 Guidelines and the United States Environmental Protection Agency's Clean Water Act Section 319 (h). The attached work plan provides an outline of proposed implementation strategies. Key components of this work plan include a review of existing implementation plans, development of strategies to disseminate data, and evaluation of financing options.

2.6 Impacts and Benefits

Impacts and benefits analysis has been considered in project/area specific plans but has not been addressed on a regional level. In addition, disadvantaged community issues have not been fully addressed and the advantages of regional planning over local planning have not been evaluated. The attached work plan provides an approach to developing impacts and benefits analyses as part of the overall implementation process. A key component of the proposed work plan involves adoption and integration of strategies in local land use planning and establishing project prioritization criteria that will ensure that all applicable environmental documentation requirements have been fulfilled for proposed integrated projects.

2.7 Data and Technical Analysis

There are several reports that provide sound technical analysis for water quality projects. For example, the Watershed Management Area Plan for the Malibu Creek Watershed identifies ways to manage processes contributing to water quality degradation in Malibu Creek. In doing so, the study presents existing water quality data and data gaps and maps out steps to remedy the problems using best available knowledge and technology. In addition, the TMDL Implementation Plan includes an iterative adaptive approach to leverage monitoring data to adjust and improve the cost-effectiveness of implementation activities.

Unfortunately, there are few other regional reports available that provide strong technical analysis in areas such as water supply reliability and stormwater management. In general, technical analysis is limited to specific areas and not consistently addressed across the Region. The NSMB Group will develop sound technical analysis, during the initial phases of program and project development in order to effectively report baseline conditions, measures of success, and non-compliance.

2.8 Data Management

Data management discussion has been included in most water quality, stormwater management, and water supply management reports. The urban water management plans outline a phased approach to monitoring water conservation and tracking customer use. The “Las Virgenes, Mc Coy and Dry Canyon Creeks Master Plan Restoration: Comprehensive Study” and the “Topanga Creek Water Quality Study” discuss data collection methods and present data resulting from extensive water quality monitoring programs.

Dissemination of data has not been consistently practiced nor is the dissemination of data managed by any one entity. However, the NSMB Task Force is one example of the NSMB Group’s ongoing effort to improve sharing of information and agency coordination. The NSMB Group will continue to improve upon data sharing through increased stakeholder and local agency participation and review, public outreach, and web posting of draft and finalized documents.

2.9 Stakeholder Involvement

Past stakeholder involvement has primarily been focused on the formation of subcommittees that have coordinated on water management issues affecting smaller areas within the NSMB region. However, groups such as the NSMB Task Force, which focuses on water quality improvement, have prompted an even greater shift towards regional coordination efforts. The attached work plan outlines a series of quarterly meetings and workshops designed to ensure regular coordination among stakeholder groups.

2.10 Relation to Local Planning

Various documents such as Urban Water Management Plans have been adopted and included in individual city and county General Plans and other local planning documents. However, discussion of water management issues in planning documents has been limited to water conservation, recreation, and water demand projections. Additional efforts are needed to improve coordination on land use planning as it relates to storm water capture, water quality, and habitat protection. NSMB Group representatives will attend local planning meetings and invite local representatives to participate in regional planning discussions. The Group will also designate individuals to provide comments on draft planning documents.

2.11 Agency Coordination

Agency coordination to date has largely been either through participation necessary to address TMDL objectives and/or through one or more of the following groups:

- County of Los Angeles Department of Public Works
- Malibu Creek Watershed Advisory Council
- Las Virgines Malibu Council of Government

Expanding agency participation, particularly the water purveyors, and bringing all of the region's agencies and organizations together under the leadership of the SMBRA JPA's planning efforts, will more effectively integrate this coordination. In addition, agency participation and coordination with State and Federal agencies will ensure that State-wide priorities and Federal Regulations are being met regionally.

- Water rights conflict resolution
- Implementation of TMDLs and compliance with NPDES and other regulatory requirements
- Implementation of Regional Water Quality Control Board Watershed Management Initiative plans and policies
- Implementation of the SWRCB's Non Point Source Pollution Plan
- Meeting Delta Water Quality Objectives

Funding has been received by individual agencies for past and current projects necessary to address specific mandates. Additional funding, however, is being sought from Chapter 8 for the following:

- Greater stakeholder coordination and outreach so that all stakeholder activities are aligned with IRWMP guidelines
- Regional water management strategy development for conservation and recycled water which have historically been pursued only on a local basis
- Integration of projects either already developed or now in development
- Preparation of an IRWMP, which will provide the basis and support for current and future water management efforts throughout the region.

3 Proposed Work Plan

The Group has developed a work plan for formal preparation and adoption of the IRWMP. This work plan provides an approach to address the following outstanding issues:

- Refine regional objectives and clarify historical conflicts
- Confirm water management strategies employed throughout the region
- Refine integration of projects; identify new projects to address additional strategies
- Clarify/quantify regional impacts and benefits of these integrated projects.
- Coordinate technical analysis and data management
- Develop comprehensive funding strategies
- Clarify implementation strategy and plan(s)
- Continue stakeholder involvement and agency coordination
- Prepare IRWMP document as outlined in Appendix B

Table 3.1 outlines the proposed work items.

Table 3-1: Proposed Work Plan Tasks and IRWMP Sections Addressed

Task	Title	Proposed IRWMP Sections
1	Stakeholder Outreach and Participation	I
2	Regional Objectives Development	I, V, IX
3	Water Management Strategy Development	V, VI
4	Project Integration and Benefit Assessment	VI, VII, VIII
5	Implementation Refinements	VIII, IX
6	Regional Prioritization	V, IX
7	Prepare IRWMP Document	I, II, III, IV
8	Management and Administration	IX

Task 1: Stakeholder Outreach and Participation

Objective: Coordinate stakeholder outreach and conduct stakeholder meetings to report on progress, determine direction, and obtain feedback into the IRWMP process.

IRWMP Section(s) Addressed:

- Section I: Introduction

Approach: Four different groups of stakeholders will be established for the purpose of providing input to the IRWMP development. These four groups are:

- **Lead agencies and cities:** Quarterly meetings will be held to discuss issues that affect the overall IRWMP process. These entities include:
 - Santa Monica Bay Restoration Authority
 - City of Malibu
 - Las Virgenes MWD
 - West Basin MWD
 - Los Angeles County Waterworks District No. 29, Malibu/Topanga
 - Triunfo Sanitation District
 - City of Agoura Hills
 - City of Calabasas
 - City of Westlake Village
 - West Basin Municipal Water District
 - Los Angeles County Beaches and Harbors
- **All agencies and cities:** Quarterly meetings/workshops are planned to engage the full group of agencies and cities in the IRWMP process. In addition to those listed entities listed above, other agencies and cities involved include:
 - Resource Conservation District of the Santa Monica Mountains
 - Santa Monica Mountains Conservancy
 - Heal the Bay
 - Santa Monica BayKeeper
 - California State Parks
 - Los Angeles Regional Water Quality Control Board
 - California Department of Transportation
 - Surfrider Foundation

Attachment 3 Work Plan

- Working groups: Four working groups will be established to help facilitate the review of information, discussion of relevant topics and integration of these efforts into the IRWMP. These working groups are expected to meet bi-monthly or on an as needed basis to provide support to the overall IRWMP process. These groups include:
 - *Water Quality*: Currently there are three task forces addressing water quality issues in the Region. These are the North Santa Monica Bay Task Force, the Malibu Creek Watershed Advisory Council and the Regional Watershed Implementation Plan. The leaders of these efforts will be the members of this working group.
 - *Water Supply/Water Resources*: This working group will be established and include:
 - Las Virgenes MWD
 - Los Angeles County Waterworks District No. 29, Malibu
 - West Basin MWD
 - Triunfo Sanitation District
 - *Recreation/Habitat Restoration/Flood Control*: This working group will be established and include:
 - County of Los Angeles Beaches and Harbors
 - County of Los Angeles Department of Public Works
 - State Parks
 - Santa Monica Mountains Conservancy
 - Cities and County
 - *Funding and Implementation*: This working group will be established and include:
 - One representative from each of the other three working groups.
 - Consultant
- General public: The general public will be asked to participate in one general comment meeting after a draft IRWMP has been prepared. In addition, the different agencies and cities will conduct their own public meetings to discuss the IRWMP as part of the adoption process.

Schedule:

The proposed schedule for future stakeholder meetings is as follows:

- Lead agencies/cities: Quarterly
- All stakeholders: Quarterly
- Working Groups: Before and after stakeholder meetings

Budget Assumptions:

General:

- Labor rate: \$150 per hour
- Mileage: \$0.405/mi

Attachment 3 Work Plan

Lead Agency/City Meetings:

- Quarterly meetings (4 total)
- Participants (9 agencies/cities + one consultant facilitator, 1 person per agency/city)
- 3 hours per meeting, including preparation and travel time
- Driving mileage 50 miles @ \$0.405/mi

All Agency/City Meetings:

- Quarterly meetings (4 total). Two additional workshops will be conducted under Task 2 (Regional Objectives Development) and Task 6 (Regional Prioritization)
- Participants (17 agencies/cities + one consultant facilitator, 1 person per agency/city)
- 3 hours per meeting, including preparation and travel time
- Driving mileage 50 miles @ \$0.405/mi

Working Group Meetings:

- Quarterly meetings (3 total)
- Four working groups
 - Water quality: assume 5 people (includes one consultant)
 - Water supply: assume 5 people (includes one consultant)
 - Recreation/habitat restoration/flood control: assume 7 people (includes one consultant)
 - Funding and implementation: assume 5 people (includes one consultant)
- 3 hours per meeting, including preparation and travel time
- Driving mileage 50 miles @ \$0.405/mi

Task 1: Stakeholder Participation and Outreach					
Meetings	No. Meetings	No. Participants	Unit Labor (hrs)	Unit Mileage	Total
Lead agencies/cities	4	9	3	50	\$16,929
All agencies/cities	4	17	3	50	\$31,977
Working groups	12	4	3	50	\$22,572
Consultant Facilitation Support					\$25,605
Total					\$97,083

Task 2: Regional Objectives Development

Objective: The objective of this task is to refine current draft regional objectives and integrate established sub-regional objectives in order to develop region-wide water management objectives that address water supply reliability, flood and stormwater management, ecosystem restoration, and water quality.

IRWMP Section(s) Addressed:

- Section I: Introduction
- Section V: Regional Priorities
- Section IX: Statewide and Regional Priorities

Approach: Draft regional objectives will be prepared by compiling mission statements and objectives from the different agencies and efforts in the region. These will be presented at a half-day facilitated workshop attended by key representatives from each of the lead agencies with authority over water-related elements in the Region. Key representatives from non-profit and other stakeholder groups in the Region will also be invited.

Using the draft regional objectives as a basis, workshop attendees will break into subgroups to develop regional objectives for specific water elements. These include:

- Water supply and conservation
- Water quality
- Wastewater and recycled water
- Flood protection
- Environmental protection and restoration

The purpose of these groups will be to draft specific regional objectives. These draft objectives will then be presented to the entire group for discussion, revision, and adoption.

Schedule: June 2005

Budget Assumptions:

General:

- Labor rate: \$150 per hour
- Mileage: \$0.405/mi

Workshop:

- One meeting
- Attended by all agency/cities. Participants (17 agencies/cities, 1 person per agency/city)
- 4 hours, including preparation and travel time
- Driving mileage 50 miles @ \$0.405/mi

Attachment 3 Work Plan

Workshop Preparation and Follow Up:

- One meeting
- Attended by all agency/cities. Participants (17 agencies/cities, 1 person per agency/city)
- 4 hours, including preparation and travel time
- Driving mileage 50 miles @ \$0.405/mi

Task 2: Regional Objectives Development				
Activities	Labor	Labor \$	ODCs	Total
Compile Objectives for Other Activities within Region	16	\$2,400	\$100	\$2,500
Prepare workshop materials	8	\$1,200	\$100	\$1,300
Workshop and Follow Up	68	\$10,200	\$344.25	\$10,544
Total				\$14,344

Task 3: Water Management Strategy Development

Objective: To develop water management strategies that to date, have not been fully explored.

IRWMP Section(s) Addressed:

- Section V: Regional Priorities
- Section VI: Strategy Integration and Plan Development

Approach: As described below, water management strategy development will be based on the Region's work completed to date and activities now underway. These efforts will be supplemented by additional strategy development in areas that are currently lacking in order to effectively address the water management strategies outlined by DWR and the SWRCB:

- Ecosystem restoration
- Environmental and habitat protection and improvement
- Water supply reliability
- Flood management
- Groundwater management
- Recreation and public access
- Storm water capture and management
- Water conservation
- Water quality protection and improvement
- Water recycling
- Wetlands enhancement and creation
- Coastal watershed ASBS identification and improvement

Work Completed: Work completed in recent years that effectively addresses water management strategies will be reviewed and summarized.

- Santa Monica Bay Wet Weather Bacteria TMDL Implementation Plan (Los Angeles County DPW)

Work Now Underway and Planned: Building on the recently completed work, the Region's stakeholders are now embarking on the following activities:

- Regional Watershed Implementation Plan (Los Angeles County DPW)
- Malibu Creek TMDL Monitoring Plan (Los Angeles County DPW)
- Tapia Effluent Alternatives Study (Las Virgenes MWD)

Attachment 3 Work Plan

Additional Work: The following additional activities will be undertaken to address water management strategies that have either not encompassed the entire region or need further integration across the region. These include:

- Regional Water Conservation Study
- Regional Recycled Water Supply Evaluation

Additional Work Not Yet Identified: As IRWMP development proceeds, the Group anticipates that additional study needs will be identified. These needs will be documented and included in the IRWMP for future consideration.

Schedule: The schedule for completion of the studies and their integration into the IRWMP is as follows:

Study/Activity	Scheduled Completion Date
Summary of Past Work	July 2005
Regional Watershed Implementation Plan Development	October 2006
Malibu Creek TMDL Monitoring Plan Development	Ongoing through 2006
Tapia Effluent Alternatives Study	July 2005
Regional Water Conservation Study	April 2006
Regional Recycled Water Supply Evaluation	April 2006
Malibu Civic Center Water Quality Feasibility Study	June 2005

Budget Assumptions:

Recent Work Completed:

- Santa Monica Bay Bacteria TMDL Implementation Plan
- Lead agency: Los Angeles County DPW
- Work performed by consultant team and Los Angeles County DPW staff
- Consultant budget: \$550,000. In-kind effort from Los Angeles County DPW was \$175,000.
 - Dates: July 15, 2005
- North Santa Monica Bay Area of Special Biological Significance and Other Rural Watershed Monitoring
 - Lead agency: Los Angeles County DPW
 - Budget: \$231,000
 - Dates: September 1, 2005

Attachment 3 Work Plan

- Malibu Civic Center Integrated Water Management Plan
 - Lead city: City of Malibu
 - Work performed by consultant. Budget was \$150,000.

Current Work Underway or Planned (Already Funded):

- Regional Watershed Implementation Plan
 - Lead agency: Los Angeles County DPW
 - Estimated budget is \$200,000 including projected consultant and staff time
 - Dates: Ongoing Approx. end date 10/06
- Malibu Creek TMDL Monitoring Plan Development
 - Lead agency: Los Angeles County DPW
 - Staff budget was \$50,000
 - Dates: Ongoing into 2006 (Length dependent on TMDL effective date)
- Tapia Effluent Alternatives Study
 - Lead agency: Las Virgenes Municipal Water District
 - Consultant budget: \$211,427
 - Dates: Start October 2004. Complete July 2005.

Task 3: Water Management Strategy Development Past and Current Efforts Current Funded	
Activities	Budget
Santa Monica Bay Bacteria TMDL Implementation Plan	\$725,000
North Santa Monica Bay Area of Special Biological Significance and Other Rural Watershed Monitoring	\$231,000
Regional Watershed Implementation Plan	\$200,000
Malibu Creek TMDL Monitoring Plan Development	\$25,000
Tapia WRP Effluent Evaluation	\$211,427
Malibu Civic Center Integrated Water Management Plan	\$150,000
Total	\$1,542,427

Attachment 3 Work Plan

Proposed New Work to Address IRWMP Requirements (Not-Funded):

- Regional Water Conservation Strategies
- Regional Recycled Water Supply Evaluation
- Summary of Past Work

Regional Water Conservation Strategies

- Objective: Document conservation strategies now employed by individual entities in the region, and develop and implement region-wide conservation strategies to maximize water conservation.
- Approach:
 - Conduct a workshop with the region's cities, the Las Virgenes MWD, the Los Angeles County Waterworks, and the West Basin MWD to present current and proposed conservation measures.
 - Identify strategies that should be pursued region-wide and estimate the potential benefit each will provide
 - Identify barriers that need to be overcome to implement region-wide strategies
 - Identify new projects, implementation plans, and costs to implement new region-wide strategies.
- Deliverables: A technical memorandum summarizing the workshop, analysis, and new efforts identified and the related information to be included in Sections IV, V, and VI of the IRWMP.

Regional Recycled Water Supply Evaluation

- Objective: Document all potential recycled water/non-potable water opportunities, evaluate the projects currently intended to address those opportunities, and identify new projects that either serve additional customers or cost effectively combine projects together.
- Approach:
 - Review and summarize existing recycled water/non-potable water evaluations, opportunities and projects focusing on studies and plans prepared by Las Virgenes MWD, Triunfo Sanitation District, City of Malibu, and Los Angeles County DPW.
 - Summarize opportunities for water reuse on small, medium and large-scale throughout the region, including the use of gray water. Assess the potential benefits in terms of potable supply usage, water quality, and other benefits.
 - Review and summarize ordinances in place to promote recycled water/non-potable water usage.
 - Identify barriers that need to be overcome to pursue additional recycled water/non-potable water opportunities.
 - Identify new projects, implementation plans, and costs to implement new region-wide strategies.
- Deliverables: A technical memorandum summarizing the analysis and new efforts identified and the related information to be included in Sections IV, V, and VI of the IRWMP.

Summary of Past Work

- Objective: Review and prepare a consolidated list of projects and further studies needed from previous plans and evaluations
- Approach:
 - Building on the analysis conducted for the planning grant application, review and summarize projects and additional efforts identified in previous studies and report, creating a comprehensive list of projects and efforts which will include implementation plans (if available). This effort will build on the reports and efforts summarized in the table below.
 - For project identified, determine if sufficient information is available for the project to be included as part of the IRWMP.
 - If sufficient information is not available, develop an action plan for how the necessary information will be developed, or how the project could be incorporated with other projects or programs, to meet the IRWMP standards.

Attachment 3 Work Plan

Strategy: Environmental Habitat Protection and Improvement	
<i>Regional Studies</i>	Santa Monica Bay Restoration Authority “State of the Bay”, 2004
	“Making Progress: Restoration of the Malibu Creek Watershed”, Santa Monica Bay Restoration Authority, 2001
	City of Malibu, Local Coastal Program, 2002 ²
	County of Los Angeles Malibu Land Use Plan ³
	North Santa Monica Bay White Paper, LA County Dept of Public Works
	Watershed Management Area Plan for the Malibu Creek Watershed
	Las Virgenes Malibu Council of Government, Plan Blue (Draft), 2003
<i>Area Specific Plans</i>	City of Calabasas General Plan, 1995
	“A Creek Protection & Revitalization Plan for Las Virgenes Creek”, City of Calabasas, 2001
	City of Malibu General Plan, 1995
	City of Malibu, Flood Mitigation Plan, 2001
	City of Malibu, Las Flores Creek Restoration Plan
	City of Malibu, Solstice Creek Fish Barrier Removal Plan
City of Malibu, Malibu Civic Center Integrated Water Management Plan	
Strategy: Wetlands Enhancement and Creation	
<i>Regional Studies</i>	“Making Progress: Restoration of the Malibu Creek Watershed”, Santa Monica Bay Restoration Authority, 2001
	City of Malibu, Local Coastal Program, 2002
	Santa Monica Bay Beaches Wet Weather Total Maximum Daily Load Draft Implementation Plan
<i>Area Specific Plans</i>	City of Malibu, Lower Malibu Creek and Lagoon Resource Enhancement and Management Plan
Strategy: Water Supply, Reliability, Conservation, and Recycling	
<i>Regional Studies</i>	City of Malibu, Local Coastal Program, 2002
	North Santa Monica Bay White Paper, LA County Dept of Public Works
	Santa Monica Bay Beaches Wet Weather Total Maximum Daily Load Draft Implementation Plan
<i>Area Specific Plans</i>	City of Agoura General Plan, 1993
	Las Virgenes Municipal Water District Urban Water Management Plan, 1996
	City of Calabasas General Plan, 1995
	City of Malibu General Plan, 1995
	West Basin MWD Urban Water Management Plan, 2000
Los Angeles County Waterworks District No. 29, Malibu Urban Water Management Plan	
Strategy: Flood Management	
<i>Regional Studies</i>	City of Malibu, Local Coastal Program, 2002
<i>Area Specific Plans</i>	City of Malibu General Plan, 1995
	City of Calabasas General Plan, 1995
	City of Malibu, Flood Mitigation Plan, 2001
Strategy: Water Quality Protection and Improvement	
<i>Regional Studies</i>	Santa Monica Bay Restoration Authority “State of the Bay”, 2004
	City of Malibu Local Coastal Program, 2002
	North Santa Monica Bay White Paper, LA County Dept of Public Works
	Santa Monica Bay Beaches Wet Weather Total Maximum Daily Load Draft Implementation Plan
	Watershed Management Area Plan for the Malibu Creek Watershed
	Las Virgenes Malibu Council of Government, Plan Blue (Draft), 2003

³ This plan is currently being updated to include a local implementation program which will contain standards that address new development and coastal protection.

Attachment 3 Work Plan

Other Budget Assumptions:

- Assumes a total of twenty (20) plans will be reviewed with a total of 50 projects identified from past work.
- Each plan will require four (4) hours to review and discuss with the responsible parties. Each project identified will require an additional four (4) hours to evaluate and incorporate into the IRWMP.
- Deliverables: A technical memorandum summarizing the analysis and new efforts identified and the related information to be included in Sections IV, V, and VI of the IRWMP.
- Labor rate: \$150 per hour
- Mileage: \$0.405/mi

Task 3: Water Management Strategy Development				
Activities	Labor	Labor \$	ODCs	Total
Regional Water Conservation Strategies	300	\$45,000	\$1,100	\$46,100
Regional Recycled Water Supply Evaluation	244	\$36,600	\$700	\$37,300
Summary of Past Work	360	\$54,000	\$1,000	\$55,000
Total	904	\$135,600	\$2,800	\$138,400

Task 4: Project Integration and Benefit Assessment

Objectives: The objective of this task is to integrate programs, projects and studies together to address multiple water management strategies.

IRWMP Section(s) Addressed:

- Section VI: Project Integration and Plan Development
- Section VII: Specific Plan Development
- Section VIII: Specific Plan Implementation

Approach: The IRWM Group will conduct an evaluation that documents (1) how localized water management projects can be linked or expanded regionally (both within the North Santa Monica Bay Region and to adjacent regions) and (2) how programs and projects designed to address one particular strategy can be integrated with other strategies.

Examples of programs and projects that could potentially be integrated include:

- TMDL implementation and how these strategies can increase water conservation
- Ecosystem and habitat restoration and how these projects can improve water quality

The evaluation will examine the following:

- Benefits related to the amount of water conserved, the amount of imported water demand reduced, the additional water supply or additional reliability created, or the amount of water treated or managed to meet water quality requirements
- Overall costs for, the potential impacts of, and challenges to both regionalizing and integrating these projects and programs
- Schedules associated with these different projects and programs, integrating them together to identify the timing of the projects and the benefits they will provide
- Preparation of environmental documentation associated with these projects

The outcome of the evaluation will be prioritized integrated projects that address multiple water management strategies.

Schedule: January to April 2006

Budget Assumptions:

General:

- Labor rate: \$150 per hour
- Mileage: \$0.405/mi

Attachment 3 Work Plan

Project Benefit Assessment:

- Assumes a total of 50 projects identified and that, for each project, four hours will be needed to document the benefits associated with the project.
- Requires engaging project sponsor. Budget estimate does not include effort by project sponsor.

Project Integration Review:

- Initial review of all projects to develop a list of 10 projects that could either be expanded or integrated with other projects.
- Research integration opportunities, including expanding region-wide and cross-regionally identifying technical, schedule, and other implementation integration challenges with recommendations for how to address.

Task 4: Project Integration and Benefit Assessment				
Activities	Labor	Labor \$	ODCs	Total
Project Benefit Assessment	200	\$30,000	\$300	\$30,300
Project Integration	260	\$39,000	\$300	\$39,300
Total				\$69,600

Task 5: Implementation

Objectives: The objective of this task is to refine or, as needed, develop an implementation plan to clarify how integrated projects will be adopted, integrated in regional planning documents, managed, financed, and the data and results shared with the public.

IRWMP Section(s) Addressed:

- Section VIII: Specific Plan Implementation
- Section IX: Statewide and Regional Priorities

Approach: The Group will review current implementation plans, identify gaps in those plans with respect to the State's IRWMP requirements, and coordinate with the responsible agency to address those gaps.

Key issues that need to be addressed and made more consistent across the region include:

- Adoption and integration of strategies and projects into local planning documents
- Consistency of data management and dissemination to stakeholders as well as local and state agencies
- Development and application of performance measures
- Development of comprehensive financing plans
- Project/program management

Work will also include formatting existing implementation plans to ensure consistency between plans and the IRWMP requirements. In addition, the group will develop new or revised implementation plans for new or refined integrated projects/programs developed from Tasks 3 and 4. Lastly, the Group will compile this series of implementation plans into an overall region-wide program implementation plan and schedule.

Schedule: March through June 2006

Budget Assumptions:

General:

- Labor rate: \$150 per hour
- Mileage: \$0.405/mi

Task Activities:

- Review implementation plans. Plans to be reviewed include those from Task 3 and 4 deliverables.
 - Eight (8) recent, current and proposed plans identified in Task 3
 - Assume 10 plans from past work.
 - Total of 18 plans to review.

Attachment 3 Work Plan

- Review for the following and prepare gap analysis with regard to meeting IRWMP requirements. (assume 6 hours per plan):
 - Local Planning Documents
 - Data Management and Dissemination to Stakeholders
 - Performance Measures
 - Financing Plans
 - Project/Program Management
- Propose recommendations for how to address gaps (assume 4 hours per plan)
- Develop new or updated/revised implementation plans from Task 3 and 4 outcomes
 - Assume four new plans; 40 hours per new or updated/revised
- Format and compile implementation plans into overall region-wide plan and schedule (assume 40 hours)
- Work with responsible agencies on gap analysis

Task 5: Implementation					
Activities	Labor	Labor \$	ODCs		Total
Plan Review and Gap Analysis	108	\$16,200	\$500		\$16,700
Recommendations to address implementation gaps	72	\$10,800	\$200		\$11,000
Develop new or updated/revised implementation plans	160	\$24,000	\$200		\$24,200
Implementation plan compilation and formatting	40	\$6,000	\$200		\$6,200
Total					\$58,100

Task 6: Regional Prioritization

Objective: To prioritize potential regional projects based on criteria determining the impacts and benefits of these projects and comparing them to statewide priorities. Identify near-term projects (i.e., ready to go) versus long-term projects.

IRWMP Section(s) Addressed:

- Section V: North Santa Monica Bay Regional Priorities
- Section IX: Statewide and Regional Priorities

Approach: Using the regional objectives developed and/or redefined in Task 2 along with the previously prepared list of prioritized projects, the Group will prepare a revised list of projects. The Group will also revisit the prioritization criteria previously established and refine it as needed to improve alignment with the Regional Objectives refined in Task 1 as well as the Statewide Priorities outlined for Proposition 50, Chapter 8.

Deliverable: A report summarizing the new projects added to the list, a discussion of how prioritization criteria was revisited and re-established, and a new list of prioritized integrated projects.

Schedule: June 2006

Budget Assumptions:

General:

- Labor rate: \$150 per hour
- Mileage: \$0.405/mi

Task Activities:

- Revised project list will be prepared under Task 5.
- Review and modify prioritization criteria/process
 - Develop draft approaches for prioritization
 - Workshop with all agencies/cities to review project list and select prioritization process; assumes 17 entities with 1 person from each for a four (4) hour period.
- Perform prioritization and present draft list to stakeholder agencies/cities
 - Assume review of 25 projects at 2 hours per project
- Finalize prioritization:
 - Workshop with lead agencies/cities (9 entities with 1 person from each for four (4) hour period.
- Document prioritization process

Task 6: Regional Prioritization				
Activities	Labor	Labor \$	ODCs	Total
Review/modify prioritization process	84	\$12,600	\$844	\$13,444
Finalize prioritization	86	\$12,900	\$582	\$13,482
Total				\$28,827

Task 7: Prepare IRWMP Document

Objective: To prepare an IRWMP that addresses the following:

- Minimum standards for an IRWMP as defined in the Proposition 50, Chapter 8 Guidelines
- Required water management strategies and as many of the additional strategies as applicable to the NSMB region
- Nine elements of the watershed-based plan, as stipulated by the United States Environmental Protection Agency for Clean Water Act

IRWMP Section(s) Addressed:

- Section I: Introduction
- Section II: North Santa Monica Bay Regional Description
- Section III: North Santa Monica Bay Regional Water Resources
- Section IV: Previous Regional Planning Activities

Approach: With the information prepared from the previous tasks, the Group will prepare a draft IRWMP, which will then be circulated among stakeholders for their review and comment. The plan will then be made available to the public for their review and comment. Once comments are compiled, a final plan will be prepared and adopted by the necessary agencies.

Schedule: Activities under this task will be completed in phases:

Draft IRWMP Version 1:	July 2005
Draft IRWMP Version 2:	July 2006
Final IRWMP:	September 2006
Adoption by Stakeholders:	October 2006
Adoption by Agencies:	December 2006

Budget Assumptions:

General:

- Labor rate: \$150 per hour
- Mileage: \$0.405/mi

Task Activities:

- Prepare Draft IRWMP Version 1 for submittal in July 2005 with Implementation Grant Application Step 1:
- Prepare Draft IRWMP Version 2 for submittal in July 2006
- After receiving stakeholder and public comments, prepare final IRWMP (assumes 40% of the effort to prepare the Draft IRWMP Version 2).
- Coordinate adoption by responsible agencies and cities

Attachment 3 Work Plan

- Level of effort assumptions are provided in the table below.

Task 7: Prepare IRWMP Document				
Activities	Labor	Labor \$	ODCs	Total
Prepare Draft IRWMP v. 1	264	\$39,600	\$450	\$40,050
Prepare Draft IRWMP v. 2	426	\$63,900	\$450	\$64,350
Prepare Final IRWMP	170	\$25,500	\$450	\$25,950
Adoption by Agencies/Cities	136	\$20,400	\$1,700	\$22,100
Total				\$152,450

Task 8: Management and Administration

Objective: The objective of this task is to provide for the overall administration, coordination, and management of the activities presented in this work plan.

IRWMP Section(s) Addressed:

- Section IX: Statewide and Regional Priorities

Approach: The Santa Monica Bay Restoration Authority will be responsible for managing the progress of the activities outlined in the work plan and reporting progress to the grant funding agency. This agency will also be responsible for providing coordination between the stakeholder agencies in the Region and preparing quarterly progress reports and a final report.

Schedule: If a grant is awarded, management and administration of the IRWMP development will begin in July 2005. A final report will be prepared on an effective grant agreement date of January 6, 2006.

Budget Assumptions:

General:

- Labor rate: \$150 per hour
- Mileage: \$0.405/mi

Task Activities:

- Finalizing grant agreement (assume 16 hours)
- Coordination, progress monitoring and accounting of all IRWMP-related activities (assume 75 weeks at 3 hours per week)
- Preparing monthly status reports to stakeholders on IRWMP activities (assume 2 hours per report for 18 reports)
- Preparing quarterly reports to grant funding agency (assume 3 quarterly reports at 8 hours per report)
- Preparing final report to grant funding agency (assume 1 report at 24 hours)
- Managing consultant agreement and agreements with other agencies receiving grant funds (assume 4 hours per month for 18 months)

Attachment 3 Work Plan

Task 8: Management and Administration				
Activities	Labor	Labor \$	ODCs	Total
Finalizing Grant Agreement	16	\$2,400	\$100	\$2,500
Regular coordination, progress monitoring, and accounting	225	\$33,750	\$1,500	\$35,250
Monthly status reports to stakeholders	36	\$5,400	\$360	\$5,760
Quarterly reports to state granting agency	24	\$3,600	\$150	\$3,750
Final report to state granting agency	24	\$3,600	\$50	\$3,650
Managing sub agreements with consultant and other agencies	72	\$10,800	\$360	\$11,160
Total	397	\$59,550	\$2,520	\$62,070

4 Budget

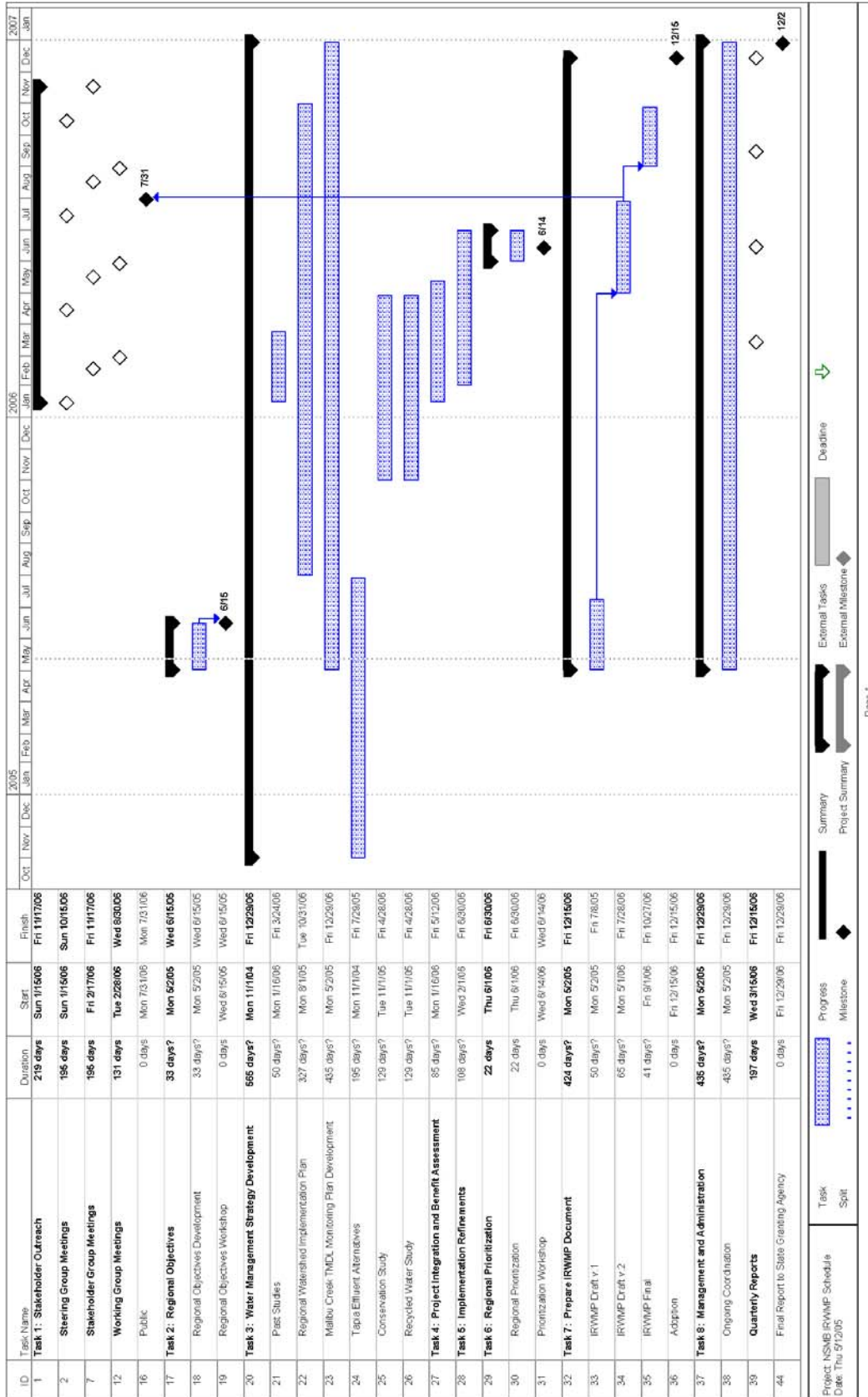
The budget established to execute this Work Plan and to develop a formal adopted IRWMP is outlined in the Table 4.1 below. Based on this budget, the matching funds provided by the regional entities is 68 percent of the total budget to prepare the IRWMP for the North Santa Monica Bay Region.

Table 4-1: Budget and Funding Request Summary

Task	Title	Total	Matching Funding	Funding Request
1	Stakeholder Outreach and Participation	\$97,083	\$71,478	\$25,605
2	Regional Objectives Development	\$14,344	\$14,344	\$0
3	Water Management Strategy Development	\$1,680,827	\$1,542,427	\$138,400
4	Project Integration and Benefit Assessment	\$69,600	\$0	\$69,600
5	Implementation Refinements	\$58,100	\$0	\$58,100
6	Regional Prioritization	\$28,827	\$28,827	\$0
7	Prepare IRWMP Document	\$152,450	\$40,050	\$112,400
8	Management and Administration	\$62,070	\$35,250	\$26,820
TOTALS		\$2,163,301	\$1,732,376	\$430,925

Attachment 3 Work Plan

5 Schedule



Appendix A Letters of Support



COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

IN REPLY PLEASE

REFER TO FILE: WM-0

May 11, 2005

Mr. Sudhakar Talanki
State Water Resources Control Board
Division of Financial Assistance
1001 I Street, 16th Floor
Sacramento, CA 95814

Dear Mr. Talanki:

**LETTER OF SUPPORT – NORTH SANTA MONICA BAY WATERSHED
INTEGRATED COASTAL WATERSHED MANAGEMENT
PLANNING GRANT APPLICATION
PROPOSITION 50 CHAPTER 8 INTEGRATED REGIONAL
WATER MANAGEMENT GRANT PROGRAM**

We are pleased to support the Santa Monica Bay Restoration Authority's planning grant application under the Proposition 50 Chapter 8, Integrated Regional Water Management (IRWM) Grant Program for the North Santa Monica Bay Watershed. The IRWM Planning Grant would be of substantial benefit to the region by assisting in the long-term integration of coastal watershed management planning efforts for the North Santa Monica Bay Watershed. We urge the State Water Resources Control Board and the Department of Water Resources to approve the IRWM Planning Grant for the North Santa Monica Bay Watershed.

In order to more efficiently develop and implement multiobjective projects, the Santa Monica Bay Restoration Authority was formed as a joint powers entity between the Santa Monica Bay Restoration Commission and the Los Angeles County Flood Control District, which is represented by the County of Los Angeles Department of Public Works. Public Works operates and maintains an extensive and diverse flood control and water conservation system. We also oversee many programs in relation to both drinking water and stormwater management and quality. The IRWM planning objectives complement several of the objectives of our agency, including enhancing our region's water supply and water quality.

Mr. Sudhakar Talanki
May 11, 2005
Page 2

With continued long-term pressure on various watershed functions competing for limited funding, there is increased interest in multipurpose planning that simultaneously addresses water supply, water quality, habitat, and open space. The IRWM Planning Grant for the North Santa Monica Bay Watershed is also part of a long-term strategy to integrate these planning efforts across the Los Angeles Basin, defined for these purposes as the Watersheds of the San Gabriel, Los Angeles Rivers, Ballona Creek, Dominguez Channel, and Santa Monica Bay.

For the current round of funding, due to varying stages of planning and development in different watersheds and available resources, plans have been developed along watershed and jurisdictional lines. However, across the Los Angeles Basin, substantial coordination has taken place and will continue to occur among the agencies and organizations in developing and integrating these IRWM plans.

By transmittal of this letter, our agency offers its support for the North Santa Monica Bay Watershed IRWM Planning Grant application under Proposition 50 Chapter 8, and supports the Santa Monica Bay Restoration Authority as the coordinating agency.

If you have any questions, please contact Ms. Terri Grant at (626) 458-4309 or tgrant@ladpw.org.

Very truly yours,

DONALD L. WOLFE
Acting Director of Public Works



MARK PESTRELLA
Assistant Deputy Director
Watershed Management Division

CT:sv

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cc: Santa Monica Bay Restoration Authority (Dr. Shelley Luce)



City of Malibu

23815 Stuart Ranch Road • Malibu, California • 90265-4861
Phone (310) 456-2489 • Fax (310) 456-3356 • www.ci.malibu.ca.us

May 12, 2005

Mr. Sudhakar Talanki
State Water Resources Control Board
Division of Financial Assistance
1001 I Street, 16th Floor
Sacramento, CA 95814

RE: Letter of Support – North Santa Monica Bay Integrated Regional Water Management Planning Grant Application, Proposition 50, Chapter 8 IRWM Grant Program

Dear Mr. Talanki:

The City of Malibu is pleased to support the Santa Monica Bay Restoration Authority's planning grant application under the Proposition 50 Chapter 8, Integrated Regional Water Management (IRWM) Grant Program for the North Santa Monica Bay watersheds. The City joins a growing list of public agencies and environmental organizations that are successfully working together to improve water quality and conservation and to protect and enhance our natural environment in this coastal region. The IRWM Planning Grant Program offers an opportunity to expand our partnerships in this unique region and to more successfully integrate water management strategies. We urge the State Water Resources Control Board and the Department of Water Resources to approve the IRWM Planning Grant for the North Santa Monica Bay watersheds.

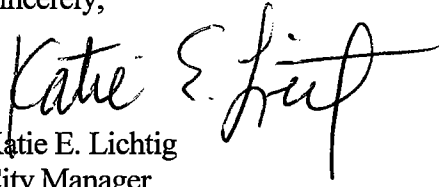
The IRWM planning objectives complement several of the goals of the City of Malibu, including enhancing our region's water supply, water delivery and conservation and water quality. The IRWM program helps remove traditional barriers to watershed planning and blurs some jurisdictional lines so that agencies can reach multi-objective targets by working and planning together.

By transmittal of this letter, the City of Malibu offers its support and acknowledges the financial support of the following agencies that have joined in our regional planning efforts by contributing between \$5,000 and \$7,500 each to the cost of this planning grant application: City of Calabasas, City of Agoura, County of Los Angeles Department of Public Works, County of Los Angeles Beaches and Harbors, Las Virgenes Municipal Water District, West Basin Municipal Water District and the Triunfo Sanitation District.

We are especially pleased that the Santa Monica Bay Restoration Authority will be serving as the coordinating entity for the North Santa Monica Bay region and that the Joint Powers Authority between the Los Angeles County Flood Control District and the Santa Monica Bay Restoration Commission is fully equipped to receive and administer any grant awards on behalf of the participating agencies.

If you have any questions, please contact Yugal Lall, Director of Public Works, at (310) 456-2489 extension 247 or by email to ylall@ci.malibu.ca.us.

Sincerely,



Katie E. Lichtig
City Manager

KEL:ml

cc: Mayor Andy Stern and Honorable Members of the Malibu City Council
Yugal Lall, Director of Public Works
Barbara Cameron, Malibu Grants Consultant

Appendix B Draft IRWMP Outline

Proposed IRWMP Outline

The NSMB Group has prepared a draft outline for the IRWMP which serves as the road map for the work plan that follows.

- I. Introduction
 - A. Purpose and Objectives of the IRWMP
 - i. Optimized Solutions to Common Issues
 - ii. Facilitate Partnerships and Consensus
 - iii. Pursuit of Funding
 - B. Sponsoring Agencies
 - i. County of Los Angeles Department of Public Works and Beaches and Harbors
 - ii. City of Malibu
 - iii. City of Calabasas
 - iv. City of Augora
 - v. Las Virgenes Municipal Water District
 - vi. West Basin Municipal Water District
 - vii. Triunfo Sanitation District
 - C. IRWMP Process
 - i. Stakeholder Involvement
 - ii. Integration of Previous Regional Plans
 - D. Statement of North Santa Monica Bay relevance as an IRWMP
- II. North Santa Monica Bay Regional Description
 - A. Internal Boundaries
 - i. Cities, Counties, Districts, etc.
 - ii. Service Areas of
 - 1. Ground and Surface Water
 - 2. Wastewater
 - 3. Watershed
 - 4. Land Use
 - iii. Major water-related infrastructure
 - iv. Major land use divisions
 - B. Ecological Processes/Environmental Resources
 - C. Social/Cultural/Economic State
 - i. Make-up and Values
 - ii. Economic Conditions and Trends

III. North Santa Monica Bay Regional Water Management

- A. Water Supply
 - i. Supply Reliability
 - 1. Metropolitan Water District
 - 2. Local Surface Supplies
 - 3. Local Groundwater
 - 4. Recycled Water
 - ii. Water Supply and Demand Projection
(20-year planning horizon)
- B. Water Quality
 - i. Surface Water
 - 1. Malibu Creek Nutrient TMDL
 - 2. Santa Monica Bay Beaches and Malibu Creek Bacteria TMDLs
 - 3. AB 885
 - 4. NPDES
 - 5. Others
 - ii. Groundwater
 - 1. Salinity
 - 2. Nitrates
 - 3. Other
- C. Flooding
 - i. Localized
 - ii. On major creeks
- D. Habitat Restoration/Preservation
 - i. Malibu Lagoon
 - ii. Las Virgenes Creek
 - iii. Other Locations
- E. Summary of Intra-Regional Water Management Conflicts
- F. Non-point Source Pollution
 - i. Identification
 - ii. Coastal Watershed Assessment and ASBS
 - iii. Management Measures

IV. Previous Regional Planning Activities

- A. Water Resources Planning
 - i. RWQCB WMI
 - ii. Urban Water Management Plans
 - iii. Other
- B. Land Use Planning
 - i. Malibu Local Coastal Plan
 - ii. County of Los Angeles Department of Regional Planning – Santa Monica Mountains North Area Plan

- C. Habitat Conservation Plans
 - i. Santa Monica Bay Restoration Commission – State of the Bay report
 - ii. Las Virgenes, McCoy and Dry Canyon Creeks Master Plan Restoration
 - iii. Malibu Lagoon Restoration Plan
 - iv. Malibu Creek Watershed – A Framework for Monitoring, Enhancement, & Action
 - v. Making Progress: Restoration of the Malibu Creek Watershed
 - vi. Malibu Management Area Plan for Malibu Creek Watershed
 - vii. Others
 - D. Other planning efforts
 - i. General Plans
 - ii. Other plans
- V. North Santa Monica Bay Regional Priorities
- A. Short-Term/Immediate Priorities
 - i. Implementation Projects (seeking funding)
 - 1. Making Progress: Restoration of the Malibu Creek Watershed
 - 2. Santa Monica Bay TMDL Implementation Plan
 - 3. Malibu Lagoon Restoration Plan
 - ii. Planning Efforts
 - 1. Studies/plans in progress
 - a. Making Progress: Restoration of the Malibu Creek Watershed
 - b. Watershed Management Area Plan for Malibu Creek Watershed
 - 2. Future studies (seeking funding)
 - B. Long-Term Priorities
 - i. Water Quality protection and enhancement
 - ii. Non-point Source Pollution Prevention
 - iii. Habitat restoration/protect endanger species
 - iv. Wetlands enhancement and creation
 - v. Recreation and public access
 - vi. Increase public outreach and involvement
- VI. Project Integration and Plan Development
- A. Strategies by Planning Activity/Issue
 - B. Common Strategies
 - i. Water Quality Protection and Improvement
 - ii. Water Recycling
 - iii. Environmental and Habitat Restoration/Protection
 - iv. Stormwater Capture and Management
 - v. Imported Water Conservation
 - vi. Wetlands Creation/Enhancement
 - vii. Non-point Source Pollution Prevention
 - C. Benefits of Project Integration