



# North Bay Watershed Association

Strategic Plan 2019-2023

Draft for NBWA Board approval: April 5, 2019

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## INTRODUCTION

During the Fall of 2018, the Board of the North Bay Watershed Association undertook a Strategic Planning process to better refine the focus of the organization and prepare to address the important issues and opportunities expected in the next five years. During the course of four sessions [see process description Appendix A] the Board defined a vision; refined its Mission Statement, and set out a set of four strategic directions shown in Figure 1.

## OUR SHARED VISION

- Manage all water holistically and sustainably as one molecule of life;
- Work together to fund efficient and effective Multi-benefit projects and programs;
- Provide dynamic and insightful regional leadership on watershed solutions;
- Restore people and place through watershed-based planning and habitat recovery to achieve a clean sustainable environment;
- Lead the North Bay in climate change resilience and adaptation for our community;
- Apply science and innovation to drive responsible and efficient water use;
- Assist diverse organizations to come together to work collaboratively on common challenges with respect and good humor.

## OUR MISSION

Facilitate partnerships across political boundaries that promote stewardship of the North Bay Counties watershed resources. This will be accomplished by:

Bring together local agencies to work cooperatively and effectively on issues of common interest.

Be proactive on watershed based regulation, which increasingly affects areas beyond traditional political boundaries.

Work cooperatively to increase eligibility for watershed based funding.

Maximize effective use of resources.

Enhance the NBWA's influence on local, state, and federal policies and programs.

Educate communities about the importance of watershed stewardship.

## OUR STRUCTURE *BOARD MEMBERS*

Bel Marin Keys Community Services District	Las Gallinas Valley San. District	Sonoma Valley County Sanitation District
Cen. Marin Sanitation Agency	Marin County Stormwater Pollution Prevention Program	Sonoma Water
City of American Canyon	Marin Municipal Water District	<i>Group Members:</i>
City of Novato	Napa County Flood Control & Water Conservation District	<i>City of Mill Valley/Sewerage Agency of Southern Marin</i>
City of Petaluma	Napa Sanitation District	<i>Associate Members: Tomales Bay Watershed Council; The Bay Institute (List current</i>
City of San Rafael	North Marin Water District	<i>January 2019; See Appendix B for organizational details)</i>
City of Sonoma	Novato Sanitary District	
County of Marin	Ross Valley Sanitary District	
County of Napa	Solano County Water Agency	
County of Sonoma		



**Figure 1. NBWA Strategic Directions**

*Each Strategic Direction has a short, specific strategy action plan. This will assist the Association and the individuals/teams assigned to work on this element and provide the ability to identify key steps, progress, barriers or issues to resolve. These documents will be updated as needed.*

## STRATEGIC DIRECTION 1: TAKE A ONE WATER APPROACH FOR THE NORTH BAY

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### INTENT

The North Bay Watershed Association will bring members and partners together to look for ways that will build a more sustainable and integrated regional water supply portfolio, improve regional water quality, and restore our watersheds.

Over time, the One Water approach will address the need to plan for a more resilient water future through coordination and planning across the entire North Bay. A changing climate and increased regulatory pressure is creating evolving demands on our land and water resources to meet community needs. The NBWA will strengthen our relationships to develop more integrated and responsive water supply, recycling, infiltration and runoff, flood and sea level rise management, and habitat restoration/protection efforts across our boundaries to sustainably manage our "one water". Using a long planning horizon, informed by member capital budget planning and a deeper coordination, we will strengthen our response to emergencies, unpredictable climate conditions, and contribute to the processes that lead to positive regulatory changes. We will seek future funding opportunities while demonstrating our leadership in managing our water resources in balance with needs.

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### POSSIBLE KEY ACTIONS

1. Within six months NBWA will host 2-3 meetings with member General Managers to begin discussion
  2. By the start of 2020, the NBWA Board and the Technical Committee have defined a set of key gaps, challenges and opportunities for regional action on our shared issues.
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### SUCCESS INDICATORS

One Year: Member agency staff and General Managers have met to share issues and concerns and define short term, medium term and long-range challenges and opportunities. The end goal is to find regional approaches that will result in more efficient and effective water management, including supply, reuse (with NBWRA lead), groundwater, stormwater, water quality, sea level rise, and watershed protection.

Three Years: The NBWA is actively working on 1-3 regional efforts to improve regionally integrated and sustainable water and watershed projects

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### RESOURCES (AVAILABLE AND NEEDED)

Consider the need to develop and implement a One Water Regional Plan – formal plan development would require member interest and support, consultant support, and new funding.

NBWA Board delegates speak with their fellow agency Board members and staff to help establish this as a priority

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### LINKS AND CONNECTIONS

NBWRA should be part of discussions and ongoing dialogs.

Make stronger use of already existing Board delegate linkages: BACWA, BASMAA, ACWA, local, state and federal actions and policy shifts

#### NOTE ON ONE WATER CONCEPT

The One Water approach is closely aligned with, and builds upon, the extensive national and global work on integrated water resources management (IWRM) and water-sensitive urban design (WSUD) (US Water Alliance, 2013). The One Water approach strives for a move away from conventional approaches to one with greater coordination among diverse interests, stakeholders and decision-makers, recognizing that water quantity and quality, whether above or below ground, depend on multi-faceted collaborations.

For more about One Water please see the information at the US Water Alliance Website

<http://uswateralliance.org/one-water>

## STRATEGIC DIRECTION 2: DEVELOP REGIONAL PROJECTS

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### INTENT

The North Bay Watershed Association assists the region in identifying the most significant regional projects to address the issues and priorities identified in our Strategic Direction 1.

The search for project funding should begin with the development of well thought out, multi-benefit and many-partnered projects. Developing good projects takes time and staff resources, so a key focus of the NBWA Technical Committee will be to work together to define possible multi-benefit/partner projects and develop those projects with sufficient detail to be proposed for funding from the multiple funding sources currently available and those anticipated to be brought online. This requires commitment from the staff of the NBWA member agencies/organizations and the strong support of the NBWA Board.

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### POSSIBLE KEY ACTIONS

1. By February 2019, the NBWA agency staff working on the Technical Committee and partners will meet to start to define the most strategic needs of the member organizations and begin defining the initial set of potential regional efforts to address these needs. Technical Committee meetings on a regular basis, stronger communication between the Board delegates and agency staff regarding priorities and issues.
  2. The agency staff of the NBWA will actively work with their respective Board members to keep them apprised of the discussions concerning the NBWA Strategic Directions.
  3. The Board will actively share information and look for joint directions with other NBWA Board members. These interactions will be agenzized for the Technical Committee and the Board.
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### SUCCESS INDICATORS

There is clear direction from the Board that mid-term and long-term regional efforts are critical to the successful management of the north bay resources and that the NBWA presents a key opportunity to provide a place for this planning.

One Year: By 2020, the Technical Committee has developed an initial package of potential multi-benefit, regional project concepts aimed water supply, water quality and watershed health, recognizing future climate challenges.

Three Years: The NBWA and partners have found funding for (See Strategic Direction #3) and are working on 1-2 regional projects

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### RESOURCES (AVAILABLE AND NEEDED)

None identified



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## LINKS AND CONNECTIONS

Non-agency partners; resource agencies in the region and state; Re-Oaking efforts integrated into this effort and Highway 37 planning on the radar for the region.

## STRATEGIC DIRECTION 3: IDENTIFY POTENTIAL REGIONAL AND SUB-REGIONAL PROJECT FUNDING SOURCES

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### INTENT

In combination with regional project development [SD #2] the North Bay Watershed Association will be a leading resource for the region on information about current and future funding opportunities aligned with our strategic regional priorities. To the extent possible, these efforts should assist the regional entities in avoiding competition for the same funding sources.

Recent North Bay and California history suggests that good projects will eventually find funding. Along with a set of sound, multi-benefit and multi-party projects, the Technical Committee will keep a focus on grant and other funding opportunities to implement North Bay regional projects. We will rely on NBWA staff and partner knowledge about funding options and their expertise in identifying and tracking funding opportunities.

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### POSSIBLE KEY ACTIONS

See actions identified in Strategic Direction 2.

Specific suggestions: Consider if Proposition 68 might be a source of money just for Marin County and Mid-Peninsula? Work with partners to develop North Bay project support language, regional and sub-regional, for inclusion into next water bond.

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### SUCCESS INDICATORS

One Year: By 2020 the NBWA Technical Committee has a process that results in the Board and the Technical Committee being well informed on the most available/possible funding sources and being ready to cooperatively apply for these funds for regional and sub-regional projects.

Three Years: Find funding for 2-3 regional projects that align with the Strategic Directions of the NBWA.

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### RESOURCES (AVAILABLE AND NEEDED)

Possible grant writing assistance

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### LINKS AND CONNECTIONS

Non-agency partners; resource agencies in the region and state; Re-Oaking efforts integrated into this effort and Highway 37 planning on the radar for the region.

Overlap with comments in Strategic Direction 3

## STRATEGIC DIRECTION 4: TELL OUR STORY

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### INTENT

The North Bay Watershed Association will highlight the successes of its member agencies and partners as well as the Association itself. This will result in stronger local support for bonds and grants and publicly funded efforts because the public better understands the role of the member agencies and partners in the work to achieve a healthy north bay. Increase communication among the members.

The NBWA will seek support from expert communicators in this work and improve the timeliness and depth of our communications.

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### POSSIBLE KEY ACTIONS

1. By February 2019 NBWA staff will identify key ideas for increased outreach for the NBWA members that we can expect to be successful with resources as hand.
2. Tap outreach professionals in the agencies and in our partner organizations to provide guidance and/or assistance on outreach. These might include:
  - Evaluate hosting 1-2 workshops a year on topics of regional concern
  - Emailing NBWA monthly notes to member agency Board Secretarys
  - Continue and strengthen ties to the RCDs and NGOs working on related issues
  - Review need for Watershed Council; activate or dissolve
  - Continuously improve web presence; evaluated need for additional social media

#### Specifically:

- Add a standing agenda item for Board for interagency issues/opportunity sharing that Board members are prepared to address each meeting. This will rely on strong communication between NBWA Board, Board members and their respective staff and result in:
  - More coordinated efforts on projects and issues brought to the Technical Committee and
  - Help ensure that members are addressing the most pressing issues identified by their Boards, staff, customers, and constituents.
- Add a standing agenda item for Board members who sit on other regional or state-wide organizations to report back to NBWA on relevant issues and opportunities {BACWA, ACWA, NBWRA, Restoration Authority, etc.}; strengthen linkages
- Track state legislation and rulemaking and take collective positions when warranted and Board is in strong agreement (as it comports with current Mission Statement)
- Ask Steering Committee to review the possible candidates for NBWA membership and report back to the full Board in February 2019 with a short list of most likely new members.

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## SUCCESS INDICATORS

One Year: Public Information Officers in member agencies advise on how best to publicize coordinated messages about water issues and needs in the North Bay. Work with contractor to increase timely outreach efforts.

Three Years: The north bay public is aware of water supply, groundwater and wastewater issues and opportunities and looks toward our member agencies for forward looking solutions.

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## RESOURCES (AVAILABLE AND NEEDED)

Possible grant writing assistance.

Contractor help with more timely communications.

Obtain limited oversight and advice from current member Public Information Officers.

Additional money needed to fully develop regional messaging and deployment

Larger efforts will need new funding and staff resources and possible staff leads from members. These might include: climate change TV station, Central Marin Education Center, public events to brand NBWA as a source of important regional water information.

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## LINKS AND CONNECTIONS

North Bay partner efforts; regional resource agency outreach staff

## APPENDIX A: STRATEGIC PLAN PROCESS

In the fall of 2018, the North Bay Watershed Association Board met in three strategic planning sessions with the goal of developing a five-year strategic plan.

Our external facilitator, Lori Lewis of Chaordic Balance, guided us through the sessions providing context for the conversations and recording key thoughts. The Strategic Planning process involved the following key steps:

1. *Identify key activities, accomplishments and understandings from the past*
2. *Analyze our internal and external current environment that might affect the NBWA and North County watersheds*
3. *Envision our future, imagining what success might look and sound like by 2023*
4. *Develop vision theme statements for our future state of being in 2023*
5. *Identify key strategic directions and strategies that will help us move forward in our vision over the next 1-3 years.*

Prior to and during the strategic planning sessions we identified the following overarching questions that assisted us in planning strategically for the future.

- What is our vision for the future? What would that look and sound like?
- What would success look and sound like for the Association? The individual agencies? The community?
- What do we do well? What do we need to do better? What don't we do that we need to do?
- How can we ensure the work we do is effective, efficient and sustaining?
- What does our community want, need, hope for from us? Who are our partners (current or future)?
- How do we tell our story?
- Where can we, as a REGIONAL organization, add value?

## UNDERSTANDING OUR CURRENT REALITY

***Looking internally – What are our possible strengths that will support us in being successful? What supports us in achieving our vision?***

Themes:

NBWA is a source/clearinghouse for factual, science-based information. We have credibility

We are a diverse group of individuals and agencies which can collaborate effectively

Have a clear focus uniting the region

Good, effective leadership

We are our own boss which allows us to be nimble

***Looking internally – What are our possible weaknesses that could keep us from being successful? What stands in our way from achieving our vision?***

Themes:

Competing agency interests

Limited capacity (funds and people) to do things

Not everyone knows what we do i.e., limited outreach

***Looking externally – What are our possible opportunities that we could take advantage of?***

Themes:

Regional reliability/resilience partnerships

Influence future state bonds and their appropriation based on science

Upcoming election and new administration gives us an opportunity to educate others about NBWA

Identify common language and points when we are doing outreach

Identify and recruit new members to strengthen the organization

***Looking externally – What are the possible threats that could hinder our success?***

Themes:

Natural disasters (e.g., drought, fire, floods, climate change)

Loss of funding and/or membership which affect our ability to set priorities and power to make decisions

Funding or priority changes at the State or Federal level

Conflicts in priorities or funding within our member organizations

Impacts to the environment e.g., marijuana, water rights, population

***What do we know about our environment that might affect our work? (e.g. social or environmental trends, governmental/political factors, economic factors, technology, unknowns?)***

There are a lot of things that might affect us. It is important to figure out what we have control over, e.g., where could NBWA be proactive.

After reviewing the NBWA's past history and accomplishments, strengths and weaknesses, the Board defined the 4 strategic directions included in this Plan.

## APPENDIX B: MISSION, GOALS, HISTORY, AND ORGANIZATION OF NBWA

### MISSION AND GOALS

Facilitate partnerships across political boundaries that promote stewardship of the northern San Pablo watershed resources.

This mission is accomplished by taking actions with the following goals;

- Bring together local agencies to work cooperatively and effectively on issues of common interest.
  - Promote the development and implementation of cooperative restoration and protection efforts throughout the watershed
  - Promote a regional alliance with supplements local government programs
  - Be proactive on watershed based regulations which increasingly of fact areas beyond traditional political boundaries.
- Increase the knowledge and experience base of local agencies in responding to regulatory actions
  - Develop a unified voice for the NBWA pertinent to existing regulations
  - Monitor legislation and take positions on behalf of the NBWA
- Work cooperatively to increase eligibility for watershed based funding.
  - Develop joint proposals for funding
  - Leverage the strength of public support for local, state, federal and other funding.
  - Support programs that implement the mission and goals of the NBWA
- Maximize effective use of resources.
  - Efficiently share expenses by leveraging limited funding on coordinated efforts
  - Efficiently share information and increase communication among members
  - Undertake a cooperative education program
- Enhance the NBWA's influence on local, state and federal policies and programs.
  - Speak with a unified voice representing interests of the North Bay
  - Develop liaisons and communicate effectively with key officials
- Educate communities about the importance of watershed stewardship.
  - Increase education on the importance of habitat restoration and protection and implementation of sustainability concepts
  - Conduct outreach that attracts volunteers to cooperative programs
  - Increase public awareness on the values of holistic planning
  - Serve as an informational clearinghouse – repository of information to provide collective presentation of ecosystems stewardship values.

### NBWA HISTORY

The North Bay Watershed Association started in 2000 as an original coalition of 14 public agencies which are responsible for water supply, wastewater treatment, and watershed management activities in eastern Marin and southern Sonoma counties. In 2002, the first agency from Napa County, the Napa Sanitation District, became the 15th agency to join, eventually followed by other members and several Associate and Group

Members. The Association formed for the purpose of integrating local planning efforts related to water resource management and habitat enhancement and for establishing a collaborative form for information exchange

Early on, the Association completed studies to evaluate the feasibility of large-scale regional water recycling and the reduction of toxic pollutants such as mercury. Other technical studies and creek restoration projects were done over the intervening years. One of the highlights for the Association has been an annual spring conference attracting top watershed experts to share the latest strategies for solving the technical, institutional, and funding issues facing agencies responsible for watershed protection and enhancements.

## ORGANIZATION OF NBWA

**Governance.** The governing body for a NBWA is the Board of Directors composed of one representative with a designated alternate from each member agency. The Association operates under an Memorandum of Understanding. The Board adopts an annual budget and approves projects for support by the Association. Marin Municipal Water District acts as the fiscal agent for NBWA.

The Board appoints an Executive Director responsible for the administration of an NBWA activities and coordination of the Technical Committee. An Administrative Steering Committee, made up of management staff from several member agencies. advises the Executive Director as requested on management issues.

**The Technical Committee.** The NBWA wanted a broad cross-section of stakeholders to participate in the development of the North Bay's first iteration of an Integrated Regional Water Management Plan [IRWMP]. To accomplish this, they created several topical Technical Committees, which after time, were combined into one committee. The NBWA also invited several of the stakeholders to participate in development of the IRWMP. A list of participating stakeholders in the original Technical Committee included Sanitation District Number Five, Marin county stormwater pollution prevention program, Las Gallinas Valley Sanitary District, City of Sonoma, Sonoma Ecology Center, Marin Municipal Water District, the Bay institute, the North Marin Water District, Central Marin Sanitary district, Novato Sanitary District, Sonoma County Water Agency, Institute for fisheries Resources, Marin County Public Works, League of Women Voters, Marin County, North Bay Watershed Association, Petaluma River works, North Bay Agricultural Alliance, City of San Rafael. Currently the membership in the Committee is expansive and includes local NGOs and interested parties. The membership and focus of the Technical Committee will be reviewed as part of Strategic Plan implementation.

**The NBWA advisory Watershed Council** is comprised of staff from non-member agencies doing work related to the goals of the Association. The Council was formed in late 2002 and tasked with working on goals for the NBWA watershed planning effort. The Watershed Council was designed to be advisory to the Board of Directors and the members include representatives from the local community and representatives from state and federal resource agencies.

Soon after establishment of the NBWA, the group completed a Watershed Plan in two phases; Phase 1 defined regional objectives and goals. The resource objectives fell into five broad categories including water supply, water quality, flood protection, habitat enhancement, and recreation. Phase 2, in a gap analysis and needs



assessment, the effort identified member agencies projects and programs and put them into a GIS database. These projects were compared against the regional objectives identified in Phase 1 of the effort. Where deficiencies were identified in meeting regional objectives, additional projects and programs were developed to meet that gap.

The Council was active in developing the goals and objectives for the Watershed Stewardship Plan and shared their expertise on watershed issues to be addressed in the plan. However, with the Watershed Plan now having been complete for nearly 15 years and other programs, such as IRWMP coming more into play, the Watershed Council meets only infrequently and the role and need for the Council will be reviewed as part of the strategic plan implementation.

### **Membership benefits.**

#### **1. Improve information sharing and issue resolution**

- NBWA allows a greater sharing of information and resources among North Bay agencies, bringing efficiency in dealing with the increasingly complex discharge, flood control, watershed protection, storm water, and water supply issues that all our agencies face.
- The monthly NBWA Board meetings provide a forum to share information and raise issues of common interest to the members and to hear speaker presentations on important topics.
- The established Technical Committees provide a forum that allows local agency and local partners to work cooperatively and effectively on issues of common interest.

#### **2. Influence regulations and legislation**

- NBWA is an effective coalition for shaping new regulations and ensuring reasonable application of existing state and federal regulations to North Bay agencies (i.e. comments on Phase II storm water regulations raised concerns over costs to local government; comments to the State Board supported the State Board's flows draft decision on the San Joaquin).
- NBWA has taken action to support legislation that benefits our member agencies (sponsored private lateral legislation in 2011 that provided more local funding options, support letters for appropriate member agency grant applications).

#### **3. Increase eligibility for grant funding**

- NBWA provides a strong voice for state and federal funding for projects in the North Bay and is represented on important regional forums such as the IRWMP Coordinating Committee and the Advisory Committee to the San Francisco Bay Restoration Authority).

#### **4. Implement cost-effective projects**

- These include regional projects such as studies on recycling, pollution prevention, more consistent and cost effective approaches for water monitoring, and IRWMP.
- NBWA has funded pilot projects for erosion control practices and other watershed stewardship efforts.

# NBWA Board

Ex. Director - *Contract*

Staff - *Contract*

Finance and Legal Support -  
*In Kind MMWD*

Joint Tech Committee-  
*Agency Staff and Regional  
Organizations*

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## APPENDIX C: NBWA PROJECT LIST

### EARLY PROJECT HISTORY

NBWA received a grant award from the State Water Resources Control Board in August 2005 for **\$639,250**. The funding of eight projects helped protect and restore the coastal waters and near-shore habitats in Marin and Sonoma targeting erosion sites and sediment source; urban storm water runoff; and non-point source pollution.

NBWA received a grant award of **\$1,496,187** from the Association of Bay Area Governments/San Francisco Estuary Partnership in October 2010 of US EPA funds from the San Francisco Bay Water Quality Improvement Fund. Projects in Marin, Napa, and Sonoma implemented source control to reduce pollution.

As noted, NBWA completed a Watershed Stewardship Plan (WSP) and an Integrated Regional Water Management Plan (IRWMP) that identified and prioritized projects in the North Bay and provided direct input into the Bay Area Implementation submittal under Prop 50. NBWA has taken a lead role in identifying priority projects for Prop 84 funding in the Bay Area IRWMP and assuring the North Bay receives a fair share of funding.

NBWA has provided various support letters for state funding for projects consistent with the priorities and policies adopted in our IRWMP. The endorsement by NBWA will improve a proposal's chances for funding.

### PROJECTS FUNDED BY NBWA

#### 2001-2004

Thompson Creek Stream Restoration Demonstration Project

<http://www.nbwatershed.org/pages/thompsoncrk.php>

North Bay Regional Water Recycling Feasibility Study

<http://www.nbwatershed.org/pages/nbrwrecycling.php>

North Bay Mercury Pollution Prevention Outreach Materials

<http://www.nbwatershed.org/pages/mercury.php>

#### 2005-2007

Digital Library

[http://www.nbwatershed.org/library/DigitalLibrary\\_ExecSumm.pdf](http://www.nbwatershed.org/library/DigitalLibrary_ExecSumm.pdf)

[http://www.nbwatershed.org/prez/DigitalLibrarySFBACC\\_040607.ppt](http://www.nbwatershed.org/prez/DigitalLibrarySFBACC_040607.ppt)

Integrated Projects

[http://www.nbwatershed.org/prez/Multi-BenefitProjects\\_070607.ppt](http://www.nbwatershed.org/prez/Multi-BenefitProjects_070607.ppt)

[http://www.nbwatershed.org/prez/SonomaECreport\\_Final.pdf](http://www.nbwatershed.org/prez/SonomaECreport_Final.pdf)

High School Pollution Prevention

[http://www.nbwatershed.org/prez/VHS\\_Audit%20Program\\_2007\\_071009.ppt](http://www.nbwatershed.org/prez/VHS_Audit%20Program_2007_071009.ppt)

Monitoring

[http://www.nbwatershed.org/library/SFEI\\_FinalMonReport.pdf](http://www.nbwatershed.org/library/SFEI_FinalMonReport.pdf)

Novato Creek

[http://www.nbwatershed.org/prez/060107\\_NovatoCrkBankStabiliz.ppt](http://www.nbwatershed.org/prez/060107_NovatoCrkBankStabiliz.ppt)

Miller Creek

<http://www.nbwatershed.org/millercreek/>

[http://www.nbwatershed.org/prez/Miller%20Creek\\_030708.ppt](http://www.nbwatershed.org/prez/Miller%20Creek_030708.ppt)

## 2007-2009

Watershed Signs

\*Funds awarded to Marin, County, Napa RCD, and Sonoma Ecology Center to place Watershed signs on tributary streams.

Salmonid Monitoring

[http://www.nbwatershed.org/prez/CEMAR\\_GBecke\\_010909.ppt](http://www.nbwatershed.org/prez/CEMAR_GBecke_010909.ppt)

[http://nbwatershed.org/uploads/projects/NBWA\\_FMP\\_final.pdf](http://nbwatershed.org/uploads/projects/NBWA_FMP_final.pdf)

Private Laterals

[http://www.nbwatershed.org/prez/091009\\_NBWA.ppt](http://www.nbwatershed.org/prez/091009_NBWA.ppt)

STRAW Restoration

[http://www.nbwatershed.org/prez/TBI\\_STRAWproject.ppt](http://www.nbwatershed.org/prez/TBI_STRAWproject.ppt)

Performance Measures/Indicators

[http://www.nbwatershed.org/prez/SFEIindicatorsUpdate\\_Apr2009.ppt](http://www.nbwatershed.org/prez/SFEIindicatorsUpdate_Apr2009.ppt)

[Presentation Summary \(Word document\)](#)

Water Conservation-SCWA

[http://nbwatershed.org/uploads/prez/WaterConservation\\_OfftheGrid.ppt](http://nbwatershed.org/uploads/prez/WaterConservation_OfftheGrid.ppt)

Fact Sheet

<http://www.nbwatershed.org/assets/FactSheet051407.pdf>

Climate Change/Watersheds

[http://nbwatershed.org/uploads/projects/NBWA\\_Climate\\_SOS\\_Guide\\_Dec\\_2010.pdf](http://nbwatershed.org/uploads/projects/NBWA_Climate_SOS_Guide_Dec_2010.pdf)

[http://www.nbwatershed.org/prez/ClimateChgScenariosWatershedScale\\_PepperwoodPres\\_10310.ppt](http://www.nbwatershed.org/prez/ClimateChgScenariosWatershedScale_PepperwoodPres_10310.ppt)

## PUBLIC EDUCATION AND OUTREACH

### **NORTH BAY WATER CONFERENCES:**

Extreme Future: Fire, Floods and a Rising Bay – April 2018

The Future of Water is Now – April 2016

Water Resources Management: What, Where, How- April 2014

Climate Change: How Can We Be Ready?

Greening Our Water Infrastructure – April 9, 2010

The Power of Water: Water, Energy, and Climate Change – April 4, 2008

Water and Regionalism – April 7, 2006

New Water for Reliability and the Environment: Conservation, Recycling, and Desalination – April 2, 2004

Why Watersheds? – April 4, 2003

Water Conservation & Recycling: Strategies That Work – March 15, 2002

Water & Wastewater 101 – May 7, 2001

## WORKSHOPS

Water Bond Conference – September 2002

Workshop-SW & WWT – June 2009

NBWA Watershed Monitoring Workshop – November 30, 2010

## PROJECT GRANTS AWARDED TO NBWA (MANAGED BY NBWA/MMWD)

### **Consolidated Grant Proposal for Non-Point Source Projects (Watershed Restoration)**

[http://www.nbwatershed.org/projectPDF/FinalProjectReport\\_04-155-552-2.pdf](http://www.nbwatershed.org/projectPDF/FinalProjectReport_04-155-552-2.pdf)

NBWA received a grant award from the State Water Resources Control Board in August 2005 for \$639,250. The funding supported eight projects to protect and restore the coastal waters and near-shore habitats of the North Bay, targeting erosion sites and sediment sources; urban storm water runoff; and non-point source pollution. Best Management Practices (BMPs) and in-stream aquatic and wetland habitat improvements were used to complete the below projects, which totaled 1 million dollars in project costs.

The projects included:

- San Anselmo Creek Restoration
- Novato Creek Watershed Citizen’s Water Quality Monitoring Program
- Petaluma Watershed Restoration and Outreach
- Redwood Creek Watershed Sediment Control
- Sonoma Creek-Jack London State Historic Park Watershed Erosion Inventory and Sediment Control
- Sonoma Creek-Watershed Stewardship Assistance to private landowners
- Sonoma Creek-Channel Reach Rehabilitation
- Sonoma Creek-Water Quality Monitoring

### **Implementing Sediment and Pathogen TMDLs in the North Bay**

NBWA received a grant award of \$1,496,187.00 from the Association of Bay Area Governments/ San Francisco Estuary Partnership in October 2010 passing through US EPA funds from the San Francisco Bay Water Quality Improvement Fund. The funds went to local government and non-profit entities as follows:

Entity	TMDL	Amount
Marin County Dept. of Public Works	Richardson Bay	\$369,542
Napa Resource Conservation District	Napa River	\$367,500
Sonoma Ecology Center	Sonoma Creek	\$363,800
Southern Sonoma County Resource Conservation District	Sonoma Creek	\$318,300