

**NOTICE OF MEETING OF
NORTH BAY WATERSHED ASSOCIATION**

A meeting of the North Bay Watershed Association will be held as follows:
Date: Friday, January 6th, 2017, Time: 9:30 a.m. – 11:30 a.m.
Location: Novato Sanitary District, 500 Davidson Street, Novato, CA 94945

AGENDA Item and Recommendation

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| 1. Call to Order (Jack Gibson, Chair) | 9:30 |
| 2. Public Comment | |
| 3. Approval of the Agenda (1 min.) <i>Approve</i> | |
| 4. Approval of Minutes (5 min) <i>Approve</i> | |
| 5. Treasurer’s Report <i>handout</i> (1 min.) <i>Accept</i> | |
| 6. Director’s Report <i>information/questions</i> | |
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| 7. Harmful Algal Blooms in our North Bay Waters: | 9:45 |
| Naomi Feger, San Francisco Regional Water Board - <i>Presentation and Q & A</i> | |
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| 8. Friends of Petaluma River Education Project | 10:15 |
| Stephanie Bastianon, FOPR | |
| Stephanie will report out on the efforts and outcomes of environmental education work done under the NBWA grant. - <i>Presentation and Q & A</i> | |
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| 9. Cleaner Waters: Sonoma County Water Agency’s Med Take Back Program | 10:45 |
| SCWA Staff will discuss details of program to take medicine out of the waste-stream before it gets into the water treatment process. – <i>Presentation and Q & A</i> | |
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| 10. NBWA Proposed Communication Plan for 2017 | 11:00 |
| Brad Sherwood, SCWA - <i>Discussion and Recommended Approval</i> | |
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| 11. Items of Interest | 11:15 |
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| 12. Items for next agenda | 11:25 |
| * Groundwater Issues in the NB - Jay Jasperse SCWA | |
| * Climate Adaptation Planning – SCWA | |
| * Next steps for North Bay climate work – Caitlin Corwall SEC | |

Next Meeting Information: February 3rd, Novato City Hall
901 Sherman, Novato. **PLEASE NOTE NEW MEETING SITE**

North Bay Watershed Association

Summary of the meeting of the North Bay Watershed Association (NBWA) Board of Directors

Date: Friday, December 2nd, 2016 9:30 a.m.

Location: Petaluma Community Center, 320 N McDowell Blvd., Petaluma, CA94945, Conference Rm. 2

Directors Present Included:

<u>Board Member</u>	<u>Agency/Organization</u>	<u>Board Member</u>	<u>Agency/Organization</u>
Michael Boorstein	Central Marin San. Agency & Ross Valley San. Dist.	Keith Caldwell	Napa Sanitation District
Pam Drew	City of Novato	Jack Baker	North Marin Water District
Mike Healy	City of Petaluma	Brant Miller	Novato Sanitary District
Judy Schriebman	Las Gallinas Valley Sanitary District	Grant Davis	Sonoma County Water Agency
Jack Gibson	Marin Municipal Water District		

Directors present represented 9 of the 18 agencies signatory to the Association MOU.

Board Actions:

1. Call to Order – Jack Gibson, Chair, called the meeting to order at 9:40 a.m.
2. Public Comment – no public comments.
3. Approval of the Agenda – (see handout) The Board unanimously approved the agenda.
4. Approval of Minutes – (see handout) The Minutes of the Board Meeting held on November 4th, 2016 were unanimously approved by the Board.
5. Treasurer’s Report – (see handout) The Treasurer’s Report was accepted as presented by Judy Kelly, Executive Director.
6. Director’s Report – (see handout) Judy Kelly, Executive Director for the NBWA, presented the Director’s Report for December 2016. Of note, Judy reported that the dates and locations for the 2017 NBWA Board Meetings have been established. Although many are scheduled at the Novato Sanitary District, some of those meetings will actually be held at the Marin Community Foundation, which only accepts reservations 30 days in advance. Judy also reminded the Board that she expects another round of EPA San Francisco Bay Funds for water quality and restoration efforts soon, and will update the Board when an RFP becomes available.
7. Pharmaceuticals and Personal Care Products: How RMP Science informs policy – Meg Sedlak of the San Francisco Estuary Institute, presented on the work the Regional Monitoring Program (RMP) for Water Quality in the SF Bay is doing to understand how pharmaceuticals and personal care products are affecting the Bay (and its inhabitants), and how this research affects public policy. The RMP seeks to understand Bay health by status and trend monitoring of a variety of different indicators which play key roles in the Bay ecosystem. Regional data is collected to measure various compound levels, which are then compared with data from other locations and leading literature on the compound. Compound levels can then be categorized on the severity of their implications. Categorization helps inform the prioritization of public policy and environmental remediation efforts. The RMP is especially concerned with Chemicals of Emerging Concern (CECs) which were not historically regulated under the Clean Water Act. *Example of Compound:* fipronil (the insecticide in pet flea medication) is found in Bay Area effluent. This compound can kill the lower levels of the food web. Solution: oral pet medication, rather than topical medication,

results in less fipronil entering the water system. *Pharmaceuticals*: As life expectancy increases, more medication is prescribed and consumed. Many pharmaceuticals are endocrine disrupters which can have a strong environmental impacts. These medications enter the water system through human excretion and the disposal of unused medications in the toilet. These findings help drive safe medicine take-back programs, such as the one being considered in Sonoma County. *Personal Care Products Example*: Microplastics – In the Bay, plastic trash can break down into microplastics, which can be ingested by small organisms causing lacerations or obstructions. Microplastic pollution is higher in the San Francisco Bay than other comparable locations (ex. Chesapeake Bay and Great Lakes). RMP is about to embark on a large study on microbeads in the SF Bay. Q: Grant Davis commented that this local high concentration of microplastics could be used to seek more federal and state funding to address local water issues.

Q: Brant Miller asked is data is available to the public. A: Yes, visit cd3.sfei.org.

www.sfei.org/rmp

8. North Bay Trash Amendments/Stormwater Planning Project Update – Rob Carson, Coordinator for the Marin County Stormwater Program, provided an update on the NBWA-supported project readying the region for the statewide trash amendments [April 2015]. Trash reduction plans for North Bay entities will be required by mid- 2018. Bay Area Stormwater Management Agencies (BASMAA) is leading the effort to create these plans, assisted by consultant (EOA). NBWA has contributed \$30,293, but this is a large project with significant other funding sources. There are two main planning options to reduce stormwater trash. The first option is to attempt full trash capture by installing equipment in storm drains, pipes, catch basins, or outlets of the stormwater system which would prevent trash from entering waterways. This option may be highly expensive, would involve ongoing maintenance costs, and may not be possible in areas where the stormwater system is comprised of ditches or less developed stormwater infrastructure (ex. rural North Bay areas). The second option is to prevent an equivalent amount of trash from entering the stormwater system through a series of “equivalent” actions which might involve street sweeping, increased availability of trash cans, policy, or public education. Advantages of this option include increased street cleanliness, and a potential reduction in trash produced.

In addition to creating a Stormwater Trash Plan, this project includes an effort to increase the accuracy of trash generation maps through visual on-land trash assessment.

The next steps of this project include receiving approval from the Water Board of the “equivalency” approach, continuing to refine baseline trash maps, and developing Trash Control Implementation Plans.

Q: Brant Miller asked for a cost estimate of the future plan’s implementation? A: Estimates vary by orders of magnitude. Q: Mike Healy asked once costs are established, who will costs be attributed to? A: Mostly general fund, not completely determined.

9. Game of Floods Redesign Project - Judy Kelly presented a proposal for the NBWA to provide \$7K for the highly successful *Game of Floods* to be made more dynamic, simplified, and fabricated as a box game to expose more people to sea level rise planning in the North Bay. The NBWA financial contribution would allow for improved design and printing of the game, and would be supplemented by staff hours provided by Marin County. Redesignated boxed games would be provided to North Bay county staff, and Marin County in partnership with NBWA would host a 2017 workshop to roll out the new game. All JTC requests pertaining to this project will be met. If approved, there will be \$20K left in the 2016-2017 NBWA Budget for Specific Benefit Projects. Judy recommended that this project receive Board approval. Q: Judy Schriebman asked is this game will be sold. A: Not currently planned and currently available for free, but consultant has sold games in the past, and this game could be produced to sell to cover printing fees.

The Board unanimously approved this funding request.

10. NBWA Communication Plan Update – Judy Kelly updated the Board on the status of the NBWA Communication Plan, which was created by an ad hoc committee comprised of several NBWA Board

Members and Judy Kelly. The plan outlines five strategic communication goals, and then describes strategies, specific actions, associated budget requirements, and a timeline for achieving each goal. The Communication Committee asks that Board members read through the Draft Communication Plan and provide comments to Judy (Judy.NBWA@gmail.com) or Brad Sherwood (Brad.Sherwood@scwa.ca.gov) by December 23rd, 2016, so that they can be incorporated into the plan to be presented for Board discussion in January 2017.

11. Items of Interest – Keith Caldwell, of Napa Sanitation District, attended his last meeting as a NBWA Board Member. The NBWA greatly appreciates his contributions to the Board, and wishes him all the best in his future endeavors.

Chris Choo reminded the Board that the San Francisco Restoration Authority is seeking a new advisory committee, which among other things will help inform grants for Measure AA. The application can be found at sfbayrestore.org and the application deadline is December 9th, 2016.

12. Items for Next Agenda

- Harmful algae blooms in North Bay waters
- Accomplishments under the Friends of the Petaluma River Grant
- Review and support of the 2017 NBWA Communications Plan

Next Meeting Information: January 6th, 2017 Novato Sanitary District, 500 Davidson St., Novato, CA 94945

SUBMITTED BY:

Sophie Hallam-Eames

SCWA Programs Specialist | NBWA Staff

Sophie.HallamEames@scwa.ca.gov

**Northbay Watershed Association
Treasurer's Report
December 1 - December 31, 2016**

Revenues:

Billings-Stewardship - General Benefits - 2017	185,867.99	
NBWA 2016 Conference Revenue	1,500.00	
Misc Revenue		
Total Revenues		<u>187,367.99</u>

Expenses:

Executive Director Professional Services:		56,400.00
<u>Admin Professional Fees & Expenses:</u>		
Administrative Support - SCWA		
Operating Expense - General Benefit - website, etc..	1,650.40	
NCRCD - LandSmart for Kid, Point Blue STRAW Program	1,864.07	
Sonoma Ecology Ctr - Climate Readiness		
Marin County Flood Control - Bothin/Coyote Creek		
Friends of Petaluma River - Watershed Classroom		
EOA - BASMAA Trash Project	10,332.56	
2nd Nature - Rural Road Ram Project	20,000.00	
Total Expenses		<u>90,247.03</u>
Change this period		97,120.96
Fund Balance as of July 1, 2016		<u>\$ 171,644.95</u>
Fund Balance as of December 31, 2016		<u><u>\$ 268,765.91</u></u>

January 2017 - Director's Report

NBWA Business

- At the December meeting, I passed out [and then subsequently sent out via email] the Ad Hoc **NBWA Communication Committee Draft** Communications Plan. Which was briefly summarized at the December meeting. I hope all have read the Draft as I will be asking for Board action on at the January 2017 meeting.
- Status of our supported NBWA **projects**: We will hear about the conclusions of the NBWA funded project with Friends of the Petaluma River at our meeting and the Bothin Marsh project in March. In early-mid 2017 we will also hear a summary report on outcomes of the Rural Road Assessment project and the shoreline mapping projects. Contracts are underway for the supported projects of the shoreline access maps and the revisions to the Game of Floods approved at the December meeting.
- Advance planning: In **February** the Board will have hear from senior SCWA staff about groundwater issues and progress in the North Bay region.

Funding and Legislative News

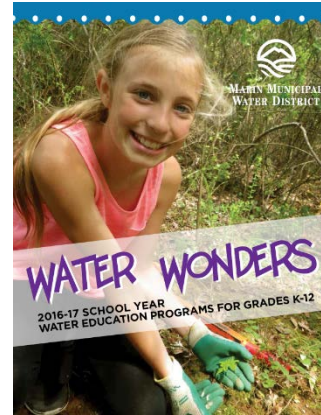
- **Integrated Regional Water Management Plan [IRWMP] Update**: Prop 1 IRWM DACI grant proposal for the Bay Area Funding Area was submitted to DWR on November 30th. DWR confirmed they received the proposal. There was a special Coordinating Committee conference call on November 7th in which the group gave final comments on the proposal. The proposal was submitted without recommendation for funding implementation projects. However, the proposal includes a placeholder to fund implementation projects in the future if it's determined that all outreach efforts have been exhausted. The proposal also included a list of potential outreach partners that is not meant to be exhaustive and doesn't guarantee funding to the organizations [including several from the North Bay] that are listed. Project leads have begun outreach to potential partners in anticipation of the grant's approval from DWR. See <http://www.bairwmp.org> for news and update on this funding.

Member News

- **MMWD's Smart Water Education Opportunities.**

Marin Municipal Water District has several great programs and outreach efforts to engage the public and school age children in the concept of water cycles, watershed planning, and water efficient gardening. An annual school guide assists teachers and interested parents in finding the right MMWD outreach option. For more information:

marinwater.org/DocumentCenter/View/4324



Other News and Notes

- **Major Federal Water Legislation -- what it will mean to California?** The Sacramento Bee reports [12-20] dubbed the *Water Infrastructure Improvements for the Nation Act*, a major water bill passed both House and Senate and was just signed by the president following years of maneuvering and debate. Obama's signature was never really in doubt, though administration officials had previously resisted some of the specific California provisions.
- These provisions, which include more pumping of water through the Delta for farmers, will now be implemented by an incoming Trump administration that appears agribusiness-friendly.
- Aside from the controversial provisions over Delta pumping, the bill authorizes \$880 million for flood-control work along the American and Sacramento rivers, \$780 million for improved flood safety in West Sacramento and \$415 million for environmental assistance for Lake Tahoe. Non-native predatory fish in the Stanislaus River will be test-targeted for elimination. Money will also support water recycling projects in cities such as Sacramento and San Luis Obispo, and for desalination projects like ones proposed for Southern California.
- More controversially, the bill streamlines potential construction approval of Western water projects that could include Temperance Flat on the San Joaquin River and Sites Reservoir in the Sacramento Valley. The bill's funding includes \$335 million for the water storage projects, which is only a fraction of their total cost.
- With highly technical but important language, the bill also directs the pumping of more water to farms south of the Sacramento-San Joaquin Delta and seeks to ensure that Sacramento Valley farmers receive all of their allocated water. More information on what the legislation may mean for the North Bay to come.

- **And in state news:** a trio of recent laws focuses on stormwater. Assembly Bill 2594 (Gordon), confirms that whoever captures stormwater also has the right to use it, while 2014's Assembly Bill 2403 (Rendon) lets water agencies collect money for stormwater capture. And 2014's Senate Bill 985 (Pavley) established a key funding eligibility requirement for that year's Proposition 1; to receive stormwater project grants from the voter-approved water bond, jurisdictions must develop stormwater resource plans. These plans are underway in the Bay Area, with the final versions due in 2019 [Note: NBWA is supporting work on stormwater planning in the North Bay].
- **Publication of the month.** Want the latest science about the San Francisco Bay and Delta? Look no further than the excellent online publication **San Francisco Estuary & Watershed Science**. escholarship.org/uc/jmie_sfews
Published jointly by UC Davis and the Delta Science Program, it contains up to date research summaries on important issues to science and management in the Bay Delta estuary. While many of the articles are heavily research focused, it is a great source of current information about the thicket of issues that make management of the region one of California's most difficult efforts.
- **Upcoming Meetings and Conferences.** Remember to check Maven's Notebook page where these are listed and described mavensnotebook.com/calendar/action~posterboard/cat_ids~336,346,376/request_format~html/. And be sure to check out the January 21st California Water Law symposium in San Francisco at USF focused on the Bay-Delta issues.