



# North Bay Watershed Association

Board Meeting Notice

## November 3<sup>rd</sup>, 2017

9:30 a.m. – 11:30 a.m.

Novato City Hall  
901 Sherman Ave.  
Novato, CA 94945

### Next Meeting

December 1, 2017  
9:30 a.m. – 11:30 a.m.  
Novato Sanitary Dist.  
500 Davidson St.  
Novato, CA 94945

## Board Meeting Agenda

---

- 1. Call to Order** 9:30  
*Jack Gibson, Chair*
- 2. Public Comment**
- 3. Approval of Agenda** 1 min.  
*Approve*
- 4. Approval of Minutes** 5 min.  
*Approve*
- 5. Treasurer's Report** 1 min.  
*Accept*
- 6. Sonoma County Water Agency Fire Update** 9:45  
Information and questions  
*Sophie Hallam-Eames (Sonoma County Water Agency)*
- 7. Discussion on Fire Recovery** 9:50  
Plans and concerns for the recovery process  
*NBWA Board Members*
- 8. New technology in preparation for the next big storm** 10:10  
Presentation and Q&A  
*Shirlee Zane (Supervisor, Sonoma County), Jennifer Krebs (Morrison & Associates)*
- 9. Improving shoreline access information in the North Bay** 10:45  
*James Muller (San Francisco Estuary Partnership) and Ben Bodkin (ABAG)*
- 10. Items of Interest** 11:20
  - 2018 Board Meeting Dates
- 11. Items for the Next Agenda** 11:25

## North Bay Watershed Association

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

Date: Friday, October 6<sup>th</sup>, 2017 – 9:30 a.m.

Location: Westside Water Education Center, 9703 Wohler Road, Healdsburg, CA 95448

### Directors Present Included:

<b>Board Member</b>	<b>Organization</b>	<b>Board Member</b>	<b>Organization</b>
Diane Furst	Central Marin Sanitation Agency	Pamela Meigs	Ross Valley Sanitary District
Jason Dow	Central Marin Sanitation Agency	Michael Boorstein	Ross Valley Sanitary District
Leon Garcia	City of American Canyon & Napa County FCWCD	Mary Sackett	Marin County
Pam Drew	City of Novato	Rick Frites	North Marin Water District
Mike Healy	City of Petaluma	Drew McIntyre	North Marin Water District
Madolyn Agrimonti	City of Sonoma & Sonoma Valley Sanitary District	Michael Thompson	Sonoma County Water Agency
Judy Schriebman	Las Gallinas Valley Sanitary District	Brad Sherwood	Sonoma County Water Agency
Megan Clark	Las Gallinas Valley Sanitary District		

Directors present represented 12 of the 19 agencies signatory to the Association MOU.

### Community Members Present Included:

<b>Name</b>	<b>Organization</b>	<b>Name</b>	<b>Organization</b>
Kallie Kull	Marin County DPW	Andy Rodgers	Russian River Watershed Association
Laura Saunders	Prunuske Chatham, Inc.	Betsy Bikle	North Bay Watershed Council
Laura Chariton	Watershed Alliance of Marin	Peter Carr	

#### 1. Russian River Water Supply & Fish Ladder Tour

This board meeting included a special tour of the Russian River Water Supply and newly constructed fish ladder and viewing gallery hosted by the Sonoma County Water Agency (Water Agency) and lead by the following staff:

- Mike Thompson – Water Agency General Manager
- Ryan Pedrotti – Water Education Manager
- Brad Sherwood – Government Affairs Manager
- Pam Jeane – Water Agency Assistant General Manager
- David Manning – Environmental Resources Manager

The tour included an overview of the facilities which divert and naturally treat water from the Russian River for over 600,000 customers in Sonoma and Marin Counties. Participants visited the Westside Water Education Center where Ryan Pedrotti gave a brief overview of the robust water education program organized by the Water Agency. This program provides numerous free educational materials, teacher trainings, classroom visits, and fieldtrips for students in the area of the Water Agency's transmission system to support education of watershed science and awareness. A recent partnership with Sonoma Clean Power is expanding this program to include educational resources focused on energy conservation and the water-energy nexus.

Brad Sherwood provided an update on upcoming funding under ACWA.

Next, participants visited Collector Six, which pumps and naturally treats water for 600,000 residents in Sonoma and Marin Counties. Pam Jeane and Mike Thompson discussed the Russian River water supply, which recharges an aquifer where water is pumped and delivered to water distributors. Pam and Mike also discussed the construction and maintenance of water collectors.

The tour concluded with a visit to the newly constructed Russian River Fish Ladder and Viewing Gallery which allows fish to navigate an inflatable dam at the Water Agency's diversion facility, while providing unique opportunities to monitor fish for biological purposes, obtain a sub-marine view of the river for recreational and educational purposes, and supplement the water education program operated by the Water Agency. Pam Jeane explained how the facility operates. David Manning discussed how the facility allows for fish passage and biological monitoring of fish populations in the Russian River Watershed, including species listed under the Endangered Species Act.

For more information on the Russian River Water Supply please visit [www.sonomacountywater.org/water-supply/](http://www.sonomacountywater.org/water-supply/). For more information on the Russian River Fish Ladder & Viewing Gallery please visit [www.sonomacountywater.org/mirabel/](http://www.sonomacountywater.org/mirabel/). For more information on the Water Education program please visit [www.sonomacountywater.org/education/](http://www.sonomacountywater.org/education/).

1. Items for next agenda

- New technology in preparation for the next big storm – *Shirlee Zane (Supervisor, Sonoma County) and Jennifer Krebs (Morrison & Associates)*
- Improving shoreline access information in the North Bay – *James Muller (San Francisco Estuary Partnership) and Ben Bodkin (ABAG)*

Note: there were no voting items on the October Board meeting's agenda.

**Next Meeting Information:** November 3<sup>rd</sup>, 2017 – Novato City Hall, 901 Sherman Ave, Novato, CA

SUBMITTED BY:  
Sophie Hallam-Eames  
SCWA Programs Specialist | NBWA Staff  
Sophie.HallamEames@scwa.ca.gov

# North Bay Watershed Association

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

Date: Friday, September 8<sup>th</sup>, 2017 – 9:30 a.m.

Location: Novato Sanitary District, 500 Davidson Street, Novato, CA

Delegates/alternates Present Included:

<b>Board Member</b>	<b>Organization</b>	<b>Board Member</b>	<b>Organization</b>
Michael Boorstein/Jason Dow	Central Marin Sanitation Agency	Ryan Gregory	Napa Sanitation District
Leon Garcia	City of American Canyon/ Napa County Flood Control & Water Conservation District	Rick Fraites	North Marin Water District
Paul Jensen	City of San Rafael	Brant Miller	Novato Sanitary District
Megan Clark	Las Gallinas Valley Sanitation District	Michael Boorstein/Pamela Meigs	Ross Valley Sanitary District
Jack Gibson	Marin Municipal Water District	Brad Sherwood	Sonoma County Water Agency
Mary Sackett	County of Marin	Pam Drew	City of Novato
Mike Healy	City of Petaluma	Rob Carson	Marin Co. Stormwater PP

Delegates/alternates present represented 15 of the 19 agencies signatory to the Association MOU.

Board Actions:

1. Call to Order – Jack Gibson, chair, called the meeting to order at 9:35 a.m.
2. Public Comment – No public comments.
3. Approval of Agenda – The agenda was unanimously approved.
4. Approval of Minutes – The minutes of the previous Board meeting were approved with one abstention.
5. Treasurer’s Report – The treasurer’s report [current through July] was presented by Judy Kelly, NBWA executive director, on behalf of Cheryl Howlett, NBWA treasurer.
6. Director’s Report – Judy Kelly presented the director’s report; specifically noting the activities of the July JTC meeting, see <http://nbwatershed.org/meetinginformation/> for more information.
7. Rob Carson, MCSTOPP. Rob briefed the Board on the status of the NBWA-supported regional stormwater trash control planning effort. This BASMAA-lead project was done for all of North Bay; NBWA paid for two tasks in the scope: all of Task 1 and Task 2.2. The project is based on new trash-related state stormwater requirements passed in 2015. These trash amendments are focused on high-density trash areas and will go into effect under the permittee’s five- year stormwater permits. They are expected to be fully in effect by 2020. The regulations require one of two tracks; Track 1 is “full trash capture” in all high priority areas – a standard that is very hard to meet where municipalities have many commercial areas, some without trash capture options. Track 2 requires “equivalent” actions to capture the same amount of trash as Track 1. Track 1 could be something as small as a drop-in catchment unit, or as big as vortex separator (10 to 30 acre treatment). Track 2 is putting those units in where possible, plus

institutional controls like street sweepers, information campaigns, source controls, etc. Much of the consultants work with the SWRCB was to determine exactly what "equivalent" meant and defining compliance monitoring requirements. The total project costs were \$162,000 with NBWA contributing \$30,000. Rob reminded the Board that trash pathways are many; most trash does not come through waterways and that the issue is bigger than stormwater systems. NBWA-funded deliverables included a compliance memo and meetings, draft trash reduction framework (how to define full trash capture "equivalency" was a big discussion) and map work. Rob noted that Marin went with Track 2 while some areas in Napa opted for Tract 1 but that municipalities can change tracks later. Q: Will Private landowners be affected? The regs are being interpreted so that private capture efforts (like parking lots with treatment) are outside municipal jurisdiction but it's likely there will be new requirements on private development. Final compliance deadline will be 2030. Cost estimates are \$8 per person per year (State Board estimates). The key compliance tool will be visual assessment. New maps model trash generation rates based on land use and other factors. The maps are then ground-truthed and calibrated. Where this has already been done, trash generation rates turned out to be mostly lower than expected in the model. Q: Can the public contribute? Marin has many volunteers removing trash and is looking for a way to have them help do the visual assessments. Q: Where will the \$8 per person costs come from? General funds first, capital costs, not a lot of options. Might get grant funding for green infrastructure as the state has said green facilities can qualify for full trash capture. Also Senate Bill 231 would allow municipalities to charge fees to finance projects capturing stormwater the same way they finance projects for sewer water, trash collection and water delivery systems.

8. Petaluma Historic Hydrology Study. Sean Barmgarten (SFEI) and Anya Starovoytov (Sonoma Resource Conservation District). Anya began the presentation by reminding the Board about the creation of the RCDs and how this project started: local agencies noted there was a lack of understanding about how the Petaluma watershed has changed over time and how restoration efforts could benefit from the insight that historical analysis provides. The RCD teamed up with the San Francisco Estuary Institute and with grant funds from US EPA started collecting data and working with an advisory group. After analysis is complete, the final piece will be for the RCD to reach out to landowners who might want to start a conservation project and apply the information from the historical assessment to guide those projects. The RCD's role is to be a collaborator and match landowners and resources. Sean then reminded the Board about the many historical ecology projects SFEI has done around the state. These reports are used to create a tool to help guide land use practices and conservation efforts by providing a synthesis of historical information and create a way to use that information to help set priorities for actions in the watershed. He noted that the basis of research is archival and that the team drew on 21 sources for old maps, new articles, diaries, photos etc. that showed the water and land types found on the valley floor. The team found that the river was very sinuous then and the floor had many wetlands and seasonal wetlands like vernal pools. Major land use changes have occurred over time-- grazing and ranching in mid-1800's and then with settlement of Petaluma in 1850, the river became a navigational channel. Dredging began in the river during the late 1800's and farming became more prevalent. All this lead to significant losses of non-tidal wetlands and tidal wetlands but the Petaluma marshes are still the largest old marsh system in the Bay. When complete, the report is intended to help set priorities for restoration, and focus on where those best opportunities exist on the landscape. The RCD will be taking this work and looking for on-the-ground projects with interested landowners.

9. Water Bond Status – Brad Sherwood presented on the status of current discussions in Sacramento about a water and parks bond for the 2018 ballot and noted that as it stands now, no money is included in the proposed bond for the IRWMP. Brad suggested that participating NBWA agencies immediately get in contact with the bond negotiators to ask them to reinstate the \$125 million that was originally included in the bond proposal for IRWMP. Brad will send additional information to Judy for distribution to the Board early next week

10. There were no items of Interest

11. Items for the Next Agenda

Tour of fish facilities (SCWA) Reservations are required for transportation. To register or learn more, please contact Sophie HallamEames, at [Sophie.HallamEames@scwa.ca.gov](mailto:Sophie.HallamEames@scwa.ca.gov) or (707) 524-6430.

**Next meeting information:** October 6<sup>th</sup>, 2017 – Meet at SCWA’s Westside Water Education Facility, 9703 Wohler Road, Healdsburg, CA 95448

SUBMITTED BY:

Judy Kelly  
Executive Director, NBWA  
[Judy.NBWA@gmail.com](mailto:Judy.NBWA@gmail.com)

**Northbay Watershed Association  
Treasurer's Report  
October 1 - October 31, 2017**

**Revenues:**

Billings-Stewardship - General Benefits - 2018	119,022.24
NBWA 2018 Conference Revenue	
Misc Revenue	
<b>Total Revenues</b>	<b><u>119,022.24</u></b>

**Expenses:**

Executive Director Professional Services:	28,200.00
<u>Admin Professional Fees &amp; Expenses:</u>	432.00
Administrative Support - SCWA	
Operating Expense - General Benefit - website, etc..	
Sonoma Ecology Ctr - Climate Readiness	
EOA - BASMAA Trash Project	
ABAG - Water Trail Mapping Project	
County of Marin - Game of Floods	
Sheraton Petaluma - 2018 NBWA Conference	
<b>Total Expenses</b>	<b><u>28,632.00</u></b>
Change this period	90,390.24
Fund Balance as of July 1, 2017	<u>\$ 108,711.50</u>
Fund Balance as of October 31, 2017	<u><u>\$ 199,101.74</u></u>

## 2018 NBWA Proposed Board Meeting Dates

- January 5<sup>th</sup>, 2018 – 9:30 a.m. to 11:30 a.m.
- February 2<sup>nd</sup>, 2018 – 9:30 a.m. to 11:30 a.m.
- March 2<sup>nd</sup>, 2018 – 9:30 a.m. to 11:30 a.m.
- April 6<sup>th</sup>, 2018 – NBWA Conference
- May 4<sup>th</sup>, 2018 – 9:30 a.m. to 11:30 a.m.
- June 1<sup>st</sup>, 2018 – 9:30 a.m. to 11:30 a.m.
- July 6<sup>th</sup>, 2018 – 9:30 a.m. to 11:30 a.m.
- *No August Meeting*
- September 7<sup>th</sup>, 2018 – 9:30 a.m. to 11:30 a.m.
- October 5<sup>th</sup>, 2018 – 9:30 a.m. to 11:30 a.m.
- November 2<sup>nd</sup>, 2018 – 9:30 a.m. to 11:30 a.m.
- December 7<sup>th</sup>, 2018 – 9:30 a.m. to 11:30 a.m.