

NORTH BAY WATERSHED ASSOCIATION

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

Date: December 4, 2015
Time: 9:30 a.m.
Location: Petaluma (Lucchesi) Community Center
320 N. McDowell Boulevard
Conference Room 2
Petaluma, CA 94954

Directors Present: Directors present included:

<u>Board Member</u>	<u>Agency/Organization</u>	<u>Board Member</u>	<u>Agency/Organization</u>
Jack Baker	North Marin Water District	Juliana Inman	Napa County Flood Control & Water Conservation District
Keith Caldwell	Napa Sanitation District		City of San Rafael
Megan Clark	Las Gallinas Valley Sanitary District	Paul Jensen	City of Novato
Frank Egger	Central Marin Sanitation Agency	Eric Lucan	Ross Valley Sanitary District
Jack Gibson	Marin Municipal Water District	Pam Meigs	Novato Sanitary District
Mike Healy	City of Petaluma	Brant Miller	County of Marin
		Kate Sears	

Directors present represented 12 out 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.** None.
3. **Approval of the Agenda.** (See Handout) The Board unanimously approved the agenda.
4. **Approval of the Minutes of the Board Meeting held November 6, 2015.** (See Handout) The Minutes of the Board Meeting held on November 6, 2015 were unanimously approved.
5. **Treasurer’s Report.** (See Handout) The Treasurer’s Report was accepted as presented by Harry Seraydarian.
6. **Game of Floods Preview.** Chris Choo, Marin County Public Works, provided a PowerPoint and began with some pictures of Marin flooding in 2014 and noted that Marin is the second most vulnerable county in the Bay Area. She then presented a visual illustrating sea level rise in portions of San Pablo Bay for 1 foot of SLR (King Tide now) and 3 feet of SLR (100 year flood). Chris described the efforts of Coastal Marin-Collaboration: Sea-Level Marin Adaptation Response Team" (C-SMART) and then introduced a new effort in Eastern Marin called BayWAVE. Chris presented a graphic for the process for both efforts showing the steps from vulnerability assessments, adaptation planning, and implementation and monitoring. She provided more detail on vulnerability asset and community profiles and the use of the "Our Coast Our Future" online viewer. She also provided examples of West Marin numbers for buildings parcels, and roads affected. She then introduced Roger Leventhal, Marin County Flood Control, who presented the Richardson Bay Shoreline Study and the "Game of Floods". Roger explained the shoreline study which includes a vulnerability assessment and adaptation options. Roger provided background on the development of "scenarios" and provided a visual showing how 12 miles of shoreline was divided into seven reaches. He highlighted impacts under certain scenarios in different reaches and then described the major adaptation strategies and components for protection, accommodation, and managed retreat (which was not addressed in study). Roger walked through a number of examples of protection options both hard (sea walls, levees, flood wall & pump station, tidal gates) and soft (horizontal ecotone levees, wetland/shoreline vegetation, tidal wetlands and eco levees, engineered beaches, offshore structures) and presented pros and cons for each. Roger also covered infrastructure and lifestyle changes with a number of examples (elevate buildings, floodable development, new elevate road). He then presented some cost estimates for the various options. Roger than explained how the Game of Floods was used in Southern Marin and presented the latest version which will be "North Bay Island". He identified the types of communities, game steps, and approach to costs that will be used in the game. The NBWA Board Members had a number of questions. What is the website for the "Our Coast Our Future" online viewer? (Point Blue- <http://data.prbo.org/apps/ocof/>) How will funding for San Francisco Bay Restoration Authority be allocated? (Four sub-regions similar to IRWM approach.) Is there funding for implementation? (Approximately \$14m in recent Prop 84 round approved by DWR.). Are sheet piles feasible for Corte Madera Marsh for short term-10 years? (Yes, Marin study was for

long term.) Will Ross Valley be included in vulnerability assessment? (Yes.) If you dredge where do you put material? (Two pilots underway in Marin for ecotone levees.) Does Marin process include planners? (Yes – intent is to breakdown “silos” including jurisdictional barriers.)

7. **Russian River Watershed Association Update.** Andy Rodgers, RRWA provided a PowerPoint and noted that RRWA is the “younger sister” of NBWA and though it used the same MOU it has evolved differently. Andy then reviewed some facts about the Russian River watershed (Reservoirs: Lake Sonoma and Lake Mendocino) and then presented the RRWA mission and identified the members (11 cities, counties and special districts). He also explained the RRWA structure: Board of Directors (meets 5 times/year); Working Group (8x/year); Administration/Executive Director (consulting firm); and noted the focus on regulatory compliance (stormwater is a large portion) in the annual workplan. Andy then highlighted the RRWA website (rebuilding now), partner agencies, and some elements of their outreach and education efforts. He then elaborated on examples such as: monthly environmental column; outreach on fats, oils and grease; bulk purchases on outreach materials (handed out RRWA pencils); high school video contest; interactive map for watershed awareness; Urban Creek Care Guide; creek signs; and special events (Steelhead Festival, Creek Week). Andy then provided examples of advocacy (comment letters on rules, legislation, and grant funding). He also described some specific initiatives: stormwater training; pesticide alternatives (Our Water Our World); landscape guidelines and workshops; demonstration gardens; plant list; a collaboration with Daily Acts on landscape guidelines; and safe medicine disposal. Andy ended with a summary of elements in their 2016-2017 work plan and a description of the Russian River Regional Monitoring Program. The NBWA Board Members had a number of questions. What is Daily Acts? (A national group that started in graywater and is focusing on turf now.) Is the safe medicine disposal just a Bay Area effort? (National effort now, though Alameda County was one of the first counties to take on this issue.) When you work with homeless people do you move them or just clean up? (Just starting now – focusing on awareness and funding.) What is RRWA’s role in the North Coast IRWM? (Just getting engaged now; will be on the panel for January meeting on stormwater.) Any education on pesticides from vineyards? (Both counties do this now.) What is RRWA budget? (\$430k from members for general benefit and special projects.) Are MS-4 permittees members of RRWA? (Yes, all under one permit.)

8. **2016 Conference Update.** Harry Seraydarian presented a PowerPoint to update the Board. The date is April 22, 2016 at the Embassy Suites in Napa. He noted the theme was modified – The Future of Water is Now: Innovation, Integration, Adaptation. Harry also confirmed that we would have a short panel of high school speakers and were working on a third keynote: Ms. Jo Ellen Darcy, Assistant Secretary for Civil Works, USACE. Harry also highlighted the sponsors to date (\$20k out of \$50k target) and noted a “Save the Date” had been sent out in November and Registration will be available online in early December. \$85 Early Registration Fee before January 31, 2016 (after February 1st \$95).

9. **Items of Interest.**

* Bay Area is preparing for Prop 1 Grant Funding – Bay Area will apply for \$6.5 million for involvement of disadvantaged communities, economically distressed areas, and under-represented communities. Stay tuned for guidelines from the State.

10. **Items for Next Agenda.**

- * San Francisco Bay Restoration Authority, Amy Hutzler, State Coastal Conservancy
- * Baylands Goals, Leticia Grenier, San Francisco Estuary Institute

Jack Gibson, Chair, adjourned the meeting at 11:30 a.m.

SUBJECT TO BOARD APPROVAL

Submitted By: Elizabeth O. Preim-Rohtla
Assistant to the Executive Director

NEXT MEETING INFORMATION:

January 8 – Marin Community Foundation, 5 Hamilton Landing, Suite 200, Novato, CA 94949

February 5 – Petaluma (Lucchesi) Community Ctr., 320 N. McDowell Blvd., Petaluma, CA 94954-Conf. Rm. 2