

MEETING MINUTES
NORTH BAY WATERSHED ASSOCIATION

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

Friday, November 5, 2010

9:30 a.m.

Novato Sanitary District

500 Davidson Street

Novato, CA 94945

Directors Present: Directors present included:

Jack Baker, North Marin Water District

Steve Barbose, City of Sonoma and Sonoma Valley County Sanitation District

Megan Clark, Las Gallinas Valley Sanitary District

Mike Di Giorgio, Novato Sanitary District

John Dupar, Central Marin Sanitation Agency

Ernie Ganas, Bel Marin Keys Community Services District

Jack Gibson, Marin Municipal Water District

James Krider, Napa County Flood Control and Water Conservation District

Mark Luce, Napa Sanitation District

Shirlee Zane, Sonoma County and Sonoma County Water Agency

Directors present represented 12 out of the 16 agencies signatory to the Association MOU and Margaret Johnston represented Tomales Bay Watershed Council, an Associate Member.

Board Actions

1. Call to Order. Jack Gibson, Chair, called the meeting to order at 9:36 a.m.
2. Public Comment. There was no public comment.
3. Approval of the Agenda. (See Handout) The Board unanimously approved the agenda.
4. Approval of Minutes of the Board Meeting held October 1, 2010. (See Handout) The Minutes of the Board Meeting held on October 1, 2010 were unanimously approved with one abstention by John Dupar, Central Marin Sanitation Agency.
5. Treasurer's Report. (See Handout) The Treasurer's Report was accepted as presented by Paul Helliker.
6. Stormwater Management – Groundwater Recharge and LID Guidebook. Kent Gylfe, SCWA, used a PowerPoint presentation to update the Board on recent SCWA efforts regarding their Low Impact Development (LID) Guidebook and Stormwater Management – Groundwater Recharge. Kent first presented the purpose of LID – a planning and design strategy to minimize impacts from new development. Kent also noted the link to Municipal Stormwater Permits. SCWA has gone beyond stormwater and included water conservation and reuse in the Guidebook. Kent described the Two-Tier Approach for strategy and implementation – first a “regional” (county-wide) effort and then local entity plans. The regional plan would look at broad parameters, present an array of LID measures, and provide contemporary solution alternatives. The localized plans, prepared by local land use planning entities, would develop goals and flexible targets. Developers would submit LID project plans that would comply with NPDES Permits. Kent previewed the LID Guidebook, which is in draft form and includes chapters on water conservation (programs and requirements), water reuse (recycled water, graywater, and harvested rainwater), and stormwater management. The stormwater chapter would address requirements in the Phase I Municipal Stormwater Permit (MSP). Since some cities have expressed concern over the limited “LID” label the name may be changed to “Water Smart Development”. The Board had a number of questions. What about existing development and retrofit? (This could be addressed through mitigation.) What about government

activity on streets? (Not addressed head on.) Any monitoring included? (This will be required under MSP.) Who is audience? (Planners, developers, builders, and engineers.) Will you list requirements for rebates? (Will identify city programs and requirements.) Will there be similar efforts in Marin? (MSP Phase II will have similar requirements.) Will credits be included? (Targets set at local level can include credits.) Any concerns raised yet in review process? (Public draft will be out in a few months.) Kent then moved on to a second presentation on Regional Stormwater Management and Groundwater Recharge Projects. These are larger scale projects that address water supply and flood management. Kent described a few examples that included detention basins, providing groundwater recharge and flood protection benefits, along with additional benefits such as open space, trails and public access, stream restoration, habitat enhancement and water quality improvements (sediment capture). Kent concluded his presentation by describing several scoping studies recently initiated on Sonoma Creek, Petaluma River, and Laguna Creek.

7. Sea Level Rise and Adaptation. Jeremy Lowe, ESA PWA, used a PowerPoint presentation to illustrate planning performed in Hayward and possible North Bay issues regarding sea level rise. Jeremy described the preliminary study prepared for the Hayward Area Shoreline Planning Agency (HASPA) that addressed vulnerability, adaptation strategies, and next steps. Jeremy noted that HASPA has existed for ~ 30 years and has focused on marsh restoration until recently. They are now looking at sea level rise and an existing levee that was not designed for flood control. Jeremy presented BCDC maps showing potential inundation from sea level rise of 16 inches and 55 inches. He then described the functions needing protection (urban development, habitat, storm drainage, landfill, sewage treatment, utility corridors, and trails) in the Hayward area and the vulnerabilities (inundation, erosion, and a rise in groundwater elevations). Jeremy then summarized adaptation strategies: “Hold the Line” (build higher and more armored outboard levees); or “Realign” – move inland (abandon the levee and build smaller levees inland). Since the wetlands might not keep up in the realign strategy, Jeremy described combining “opportunities” such as (1) sediment management; (2) using freshwater; and (3) brackish marsh (greater biomass than tidal, grows more rapidly and adapts faster than tidal). Jeremy described next steps for HASPA which include a master plan with a vulnerability assessment (infrastructure, ecology, property), an adaptation strategy and interim management. Jeremy then provided a snapshot of the North Bay and possible problem areas: San Pedro Road; Corte Madera (BCDC study underway on adaptation strategies); Richardson Bay pathway; Las Gallinas/Bel Marin Keys; Hamilton (restoration underway); and Petaluma. The Board had a number of questions. What are costs for strategies? (“Hold the Line” is the most expensive.) What are the plans for major airports? (Plans are in place – assume approach to protect in place.) How many shoreline protection agencies exist? (HASPA is the only one; present JPA has limited authority and partners are now being added to manage the problem.) Is the strategy of the new inner levee at Hamilton correct? (Yes, includes flood defense.) What is the advantage of brackish marsh design? (It can rapidly adapt.) How does 2mm/year projection relate to 16’ and 55”/year? (2mm is historic, new accelerated projections have been accepted by agencies.) Are the Pacific Institute maps being updated? (USACE guidelines include sea level rise, which are equivalent to California projections. FEMA will address this issue in the future.) What is the worst case scenario for a catastrophe? (Greenland ice sheet melts, right now El Nino is counteracting sea level rise.) The Board suggested that this presentation should be made to Senator Feinstein’s office, which is currently developing legislation that will include federal restoration funding for the Bay Area.

8. Items of Interest.

- * NBWA Watershed Monitoring Workshop – November 30 – 1-4 p.m. Marin Health and Wellness Campus, 3240 Kerner Boulevard, San Rafael – Directions: <http://www.co.marin.ca.us/depts/HH/Main/campus/directions.cfm>
Purpose of the workshop is to provide information on the watershed monitoring required by SWRCB and RWQCB Policies and Permits.
- * Mark Luce introduced Jim Krider, as a new NBWA Board Member, representing Napa County Flood Control and Water Conservation District.
- * Paul Helliker provided an update on Prop 84 funding. \$100 million was appropriated 3 years ago and last year another \$250 million was appropriated. DWR will have at least two funding cycles. Round 1 proposals are due in January 2011. The Bay Area is developing a proposal totaling ~ \$30 million which includes regional projects for conservation, recycling and green infrastructure.

9. Items for Next Agenda.

- * Lisa Micheli – Pepperwood Foundation – Adapting to Climate Change – State of the Science

Jack Gibson, Chair, adjourned the meeting at 11:15 a.m.

Submitted By: Elizabeth O. Preim-Rohtla

NEXT MEETING INFORMATION

December 3 – Petaluma (Lucchesi) Community Ctr., 320 N. McDowell Blvd., Petaluma, CA 94954—Conf. Rm. 2

January 7 – Marin Community Foundation, 5 Hamilton Landing, Suite 200, Novato, CA 94949

February 4 -- Petaluma (Lucchesi) Community Ctr., 320 N. McDowell Blvd., Petaluma, CA 94954—Craft 1

March 4 – Novato Sanitary District, 500 Davidson Street, Novato, CA 94945

April 1 – Petaluma (Lucchesi) Community Ctr., 320 N. McDowell Blvd., Petaluma, CA 94954— Conf. Rm. 2

May 6 – Marin Community Foundation, 5 Hamilton Landing, Suite 200, Novato, CA 94949

June 3 – Novato Sanitary District, 500 Davidson Street, Novato, CA 94945

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

No August

September 9 – Novato Sanitary District, 500 Davidson Street, Novato, CA 94945

October 7 – Petaluma (Lucchesi) Community Ctr., 320 N. McDowell Blvd., Petaluma, CA 94954— Conf. Rm. 2

November 4 – Marin Community Foundation, 5 Hamilton Landing, Suite 200, Novato, CA 94949

December 2 – Petaluma (Lucchesi) Community Ctr., 320 N. McDowell Blvd., Petaluma, CA 94954— Conf. Rm. 2