

NORTH MARIN WATER DISTRICT
MINUTES OF REGULAR MEETING
OF THE BOARD OF DIRECTORS
March 1, 2016

CALL TO ORDER

President Schoonover called the regular meeting of the Board of Directors of North Marin Water District to order at 7:00 p.m. at the District headquarters and the agenda was accepted as presented. Present were Directors Jack Baker, Rick Fraites, Stephen Petterle, Dennis Rodoni and John Schoonover. Also present were General Manager Chris DeGabriele, District Secretary Katie Young, Auditor-Controller David Bentley and Chief Engineer Drew McIntyre.

George Estes, Valley Memorial Cemetery, Ken Sinclair Carollo Engineers, Novato Resident, Mike Jolly, and District employees Pablo Ramudo (Water Quality Supervisor), Robert Clark (Operations/Maintenance Superintendent) and Tony Arendell (Construction/Maintenance Superintendent) were in the audience.

MINUTES

On motion of Director Fraites, seconded by Director Petterle the Board approved the minutes from the previous meeting as presented by the following vote:

AYES: Director Fraites, Petterle, Rodoni and Schoonover

NOES: None

ABSTAIN: Director Baker

GENERAL MANAGER'S REPORT

Sonoma Marin Saving Water Partnership

Mr. DeGabriele informed the Board that he attended the Sonoma Marin Saving Water Partnership meeting on February 17th and discussed the "Take it from the Tap" outreach campaign to promote drinking tap water as opposed to bottled water. He stated that it will kick off in Santa Rosa on March 15th and run for three months. He advised the Board that staff is considering adding a banner facing the highway on the District's storage shed in the Corporation Yard (Marin County's only billboard).

Meeting with SCWA

Mr. DeGabriele advised the Board that he met with SCWA, City of Santa Rosa and respective attorneys discussing SCWA's plan to withdraw its application and change petition for additional Russian River water rights. He advised the Board that he volunteered to draft a letter of assurances to be signed by SCWA identifying that the Restructured Agreement entitlements are still

valid, Lake Sonoma stored water will be available for future re-diversion and that SCWA will petition the State Water Resources Control Board in the future for said re-diversion to meet entitlements when needed. He noted that the City of Santa Rosa is reviewing the letter now.

Mr. DeGabriele stated that SCWA needs to perfect the Environmental Impact Report and water right changes for the RRIFR project (reduced instream flows to meet Biological Opinion requirements and new hydrologic index). He informed the Board that it's their belief that having the application and petition outstanding for additional water rights complicates the proceeding to perfect the EIR and water right changes before the SWRCB, especially since an amount greater than 75,000AF now authorized is not anticipated until sometime after 2035.

TAC Meeting

Mr. DeGabriele informed the Board that at the TAC meeting next Monday topics include: Conservation Standard Tracking, "Take it from the TAP" outreach, current water supply conditions and the draft SCWA budget for FY2016/17.

OPEN TIME

President Schoonover asked if anyone in the audience wished to bring up an item not on the agenda and there was no response.

STAFF / DIRECTORS' REPORTS

President Schoonover asked if staff or Directors wished to bring up an item not on the agenda and the following items were discussed:

Mr. McIntyre introduced George Estes, General Manager of Valley Memorial Park Cemetery, who desires to speak on consent item #5. On motion of Director Petterle, seconded by Director Fraites, the Board moved consent item #5 to an action item by the following vote:

AYES: Director Baker, Fraites, Petterle, Rodoni and Schoonover

NOES: None

Mrs. Young reminded the Board that FPPC Form 700 is due to be submitted by April 1st.

CONSENT CALENDAR

On the motion of Director Baker, seconded by Director Rodoni the Board approved item #7, Accept Asset Appraisal Report, by the following vote:

AYES: Director Baker, Fraites, Petterle, Rodoni and Schoonover

NOES: None

WATER SERVICE AGREEMENT – VALLEY MEMORIAL PARK OFFICE EXPANSION

On motion of Director Petterle, seconded by Director Fraites, the Board moved this consent item #5 to an action item.

Mr. McIntyre explained the Water Service Agreement for the Valley Memorial Park Office Expansion. He stated that the existing office/chapel building space is 4,100 sq/ft and the expansion will bring the total facilities to 12,400 sq/ft. He stated that the proposed new Zone 1 water facilities include a new 6-inch fire service, 20 ft of 6-inch PVC pipe, and the replacement of an existing fire hydrant with a commercial fire hydrant. Mr. McIntyre advised that the existing facilities water use history for domestic uses only, have averaged 2 equivalent dwelling units (EDUs), for which an EDU is currently defined as 500 gal per day average day of the maximum month. He noted that the estimated new water demand for the expanded facilities is 3 EDUs, therefore fees for three facilities reserve charges are to be collected for the project.

Director Rodoni asked Mr. McIntyre to explain the relevancy and explanation of the previously purchased additional dwelling units. Mr. McIntyre explained the history of the Valley Memorial water service and recent use of recycled water for landscape irrigation. He proceeded to introduce Mr. George Estes.

George Estes thanked the Board for the opportunity to use recycled water at the cemetery advising that it has made a big and positive difference in turf appearance especially during the drought periods. He agreed that the new building contemplated in the Water Service Agreement under consideration tonight is much larger than existing facilities, but opined that he does not see potable water use increasing since the cemetery will not be increasing staff nor the number of burials requiring use of the facilities each year. He suggested that the increase in fixture units is more reflective of current architectural standards than increased use and asked for consideration of this in calculating connection fees.

Mr. McIntyre advised the Board that, infrequently, when issues of this nature arise the Board has authorized a subsequent review of water use up to 2 years after connection to determine if the

connection fee collected were appropriate and enabled a refund if said use was less than calculated.

On motion of Director Petterle, seconded by Director Fraites, the Board moved that the item come back at the next meeting with a clause as described by Mr. McIntyre by the following vote:

AYES: Director Baker, Fraites, Petterle, Rodoni and Schoonover

NOES: None

BOARD PLANNING WORKSHOP

Director Baker requested that progress on Board Planning Workshop Actions regarding septic tanks and dairy manure management on Stafford Lake watershed be reviewed periodically starting this spring.

On motion of Director Baker, seconded by Director Fraites, the Board approved the Board Planning Workshop Summary dated February 9, 2016 by the following vote:

AYES: Director Baker, Fraites, Petterle, Rodoni and Schoonover

NOES: None

ACCEPT ASSET APPRAISAL REPORT

The District's insurance broker recommended that the District obtain a formal appraisal on its buildings, pump stations and water storage tanks to minimize negotiation with the insurance adjuster when a loss is incurred. The appraisal found that the District was underinsuring its assets by \$900,000 which will likely increase the FY16/17 annual insurance premium by approximately \$800.

The Board accepted the AssetWorks Appraisal Report and revise insured values for FY16/17 accordingly.

INFORMATION ITEMS

AEEP (REACH A-D) – PROGRESS REPORT NO. 5 – FINAL (VALI COOPER & ASSOICATES)

Ken Sinclair provided the final progress report from Vali Cooper & Associates on the Aqueduct Energy Efficiency Project construction, identifying all work which has gone on over the last six months, resulting in substantial completion of the project.

WATER QUALITY MID-YEAR PROGRESS REPORT

Pablo Ramudo, Water Quality Supervisor, provided the Board with the mid-year progress report. He advised that Total Organic Carbon concentration levels in Stafford Lake water were high in the 2nd quarter of the year but Total Organic Carbon removal at Stafford Treatment Plant was great and there were no taste and odor episodes. He informed the Board that manganese was

however above the secondary maximum contaminant level and limited flushing was undertaken when high flows in pipelines disturbed sediments deposited there. Mr. Ramudo advised the Board that staff plans to flush the entire Zone 1 system and some limited Zone 2 areas where sediments with manganese may have accumulated. He informed the Board that in West Marin disinfection by-products were way down resulting from use of the Gallagher well which has bromide concentrations much less than supply from the Coast Guard wells.

TASTE AND ODOR STRATEGY FOR STAFFORD LAKE TREATMENT PLANT

Mr. Ramudo reviewed the Stafford Lake Taste and Odor Control Strategy recently prepared by SRT Consultants. He advised that geosmin is the compound which causes taste and odor in Stafford Lake and nutrient loading is the trigger resulting in algae growth and resulting geosmin formation. He stated that nutrient amounts entering the Lake are down from historical levels but the decrease is only a fractional improvement. Mr. Ramudo informed the Board that the Study identifies three improvement areas: source control, including additional water quality monitoring for geosmin and work with the dairy on nutrient management to reduce manure application on the watershed; operation optimization including oxygen dispersal and increasing conventional aeration; and treatment improvements including improve mixing and GAC replacement strategy. He advised that timing and funding of improvements will be included in future budgets.

Director Fraites asked if chemicals at Indian Valley Golf Course (IVGC) were a concern. Mr. Ramudo replied that nutrients focused on dairy operations and chemical use at IVGC is limited. He stated that IVGC can fertilize and is prohibited from using pesticides which are deleterious to drinking water and that no IVGC improvements to filter runoff off the golf course have been undertaken.

Robert Clark advised that staff is proposing to negotiate an agreement with the dairy to reduce their herd, remove manure from the watershed and support the RCD project list for dairy improvements.

Director Rodoni opined that he wants no waste to be spread on the watershed and that staff should focus on the entire watershed including manure and septic waste.

Director Fraites asked that the dairy understand the nutrient loading problem and that other tools are available to the District to compel improvement.

Director Rodoni asked if a dredging program could improve the legacy nutrient removal at the lake bottom and Mr. Ramudo replied that it may be possible.

There was a lengthy discussion on what steps can be taken to eliminate manure application on the watershed and staff was directed to work with the dairy to find a way to apply no manure in future years.

NBWRA MEETING UPDATE – JANUARY 25, 2016

Mr. McIntyre provided the Board with the North Bay Water Reuse Authority (NBWRA) Meeting update for the January 25th meeting. He advised that NBWRA Phase 1 U.S. Bureau of Reclamation (USBR) Title XVI grant funding in the amount of \$4.8M should be available in late spring enabling NMWD to proceed with the Central Recycled Water expansion project. He noted that the grant funding will be allocated to the District, Novato Sanitary District, Las Gallinas Valley Sanitary District and Sonoma Valley County Sanitation District and is above the maximum threshold usually awarded but it's hoped that USBR will want to close out the Phase 1 program.

Mr. McIntyre also advised that the NBWRA day in Sacramento is scheduled on March 9th and Director Baker will be attending.

NMWA MEETING – MARCH 4, 2016

Director Baker will be attending the meeting on March 4th.

MISCELLANEOUS

The Board received the following miscellaneous information: Disbursements, March 3, 2016 PPFC meeting, and Rate Increase Notice on Water Bill.

The Board received the following news articles: Marin special district pay tops \$108,000 study says, Marin Municipal wasteful water district, Dennis Rodoni says diverse experience drives his bid for Marin supervisor, 50 years ago – February 1966, and Dennis Rodoni joins supervisor race.

The Board also received the following news articles at the meeting: California Reservoirs are Dumping Water in a Drought, But Science Could Change that, Marin IJ Editorial: In-house staffing and competitive bidding rules, Marin assemblyman Levine's bill uses Australian approach to address drought, and Amid rain, Petaluma residents told to save water.

ADJOURNMENT

President Schoonover adjourned the meeting at 8:33 p.m.

Submitted by



Katie Young
District Secretary