

**NORTH MARIN
WATER DISTRICT**

**NORTH MARIN WATER DISTRICT
AGENDA - REGULAR MEETING
November 15, 2011 – 7:30 p.m.
District Headquarters
999 Rush Creek Place
Novato, CA 94945**

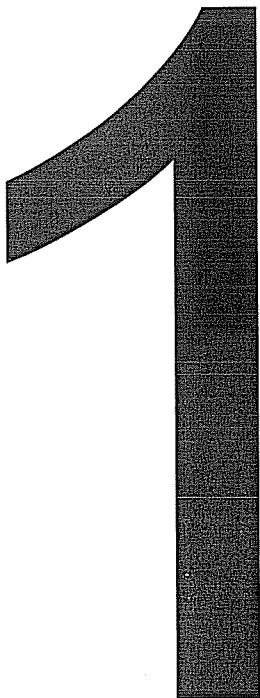
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Est. Time	Item	Subject
7:30 p.m.	CALL TO ORDER	
	1. APPROVE MINUTES FROM REGULAR MEETING , November 1, 2011	
	2. GENERAL MANAGER'S REPORT	
	3. OPEN TIME: (Please observe a three-minute time limit)	
		This section of the agenda is provided so that the public may express comments on any issues not listed on the agenda that are of interest to the public and within the jurisdiction of the North Marin Water District. When comments are made about matters not on the agenda, Board members can ask questions for clarification, respond to statements or questions from members of the public, refer a matter to staff, or direct staff to place a matter of business on a future agenda. The public may also express comments on agenda items at the time of Board consideration.
	4. STAFF/DIRECTORS REPORTS	
	5. MONTHLY PROGRESS REPORT	
		ACTION CALENDAR
	6. Approve: Letter to City of Petaluma re Water Service - Petaluma Blvd South Industrial Area	
	7. Approve: CEQA Consulting Services Contract Pt Reyes Treatment Plant Solids Handling Facility) - Leonard Charles & Associates	
	8. Approve: Date of Special Meeting – Planning Workshop	
8:00 p.m.	INFORMATION ITEMS	
	9. First Quarterly FY 11/12 – Water Quality Report & Bacteriological Quality Monitoring	
	10. Water Conservation Quarterly Update (July-September 2011)	
	11. Stafford Lake Fish Survey	
	12. Service Connection Credit	
	13. WAC/TAC Meeting November 7, 2011	
	14. Petition for Change – NMWD Lagunitas Creek Water Rights	
	15. Pt. Reyes Well Production Status	

All times are approximate and for reference only.
The Board of Directors may consider an item at a different time than set forth herein.

(Continued)

Est. Time	Item	Subject
	16.	MISCELLANEOUS Disbursements Letter from Paul S. Mamalakis Payee Field Left Blank on Disbursement Lists Automatic Payment Service/Email Bill Update FY 12/13 CalPERS Employer Rate <u>News Articles:</u> Thompson co-sponsors bill that would lead to dam removal from Klamath River Salinity Notice
	17.	CLOSED SESSION: Conference with Real Property Negotiator (Chris DeGabriele) regarding terms of Intertie Agreement between North Marin Water District and Marin Municipal Water District (Government Code Section 54956.8)
9:00 p.m.	18.	ADJOURNMENT



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DRAFT
NORTH MARIN WATER DISTRICT
MINUTES OF REGULAR MEETING
OF THE BOARD OF DIRECTORS
November 1, 2011

6 **CALL TO ORDER**

7 President Schoonover called the regular meeting of the Board of Directors of North Marin
8 Water District to order at 7:30 p.m. at the District headquarters and the agenda was accepted as
9 presented. Present were Directors Jack Baker, Rick Fraites, Steve Petterle and Dennis Rodoni.
10 Also present were General Manager Chris DeGabriele, Secretary Renee Roberts, Auditor-Controller
11 David Bentley and Chief Engineer Drew McIntyre.

12 District employees Robert Clark (Operations/Maintenance Superintendent), Doug Moore
13 (Construction/Maintenance Superintendent) and David Jackson (Associate Engineer) were in the
14 audience.

15 **MINUTES**

16 On motion of Director Rodoni, seconded by Director Petterle and unanimously carried the
17 Board approved the minutes from the previous meeting as presented.

18 **GENERAL MANAGER'S REPORT**

19 **Lagunitas Creek Water Rights**

20 Mr. DeGabriele informed the Board that he heard from the State Water Resources Control
21 Board about the District's Lagunitas Creek Water Rights Petitions for Change and reported that
22 State Board staff has asked that the District incorporate its pre-1914 water right in the analysis and
23 proposal. He stated that this is good news, because it has the highest priority in Lagunitas Creek
24 but complicates the District's proposal. He said that District legal counsels Robert Maddow and Carl
25 Nelson are reviewing his revised proposal. Mr. DeGabriele stated that should the State Board agree
26 with his proposal, another 36 acre feet would be available for diversion each year.

27 **Marin Conservation League**

28 Mr. DeGabriele reported that on Thursday, October 27th he made a presentation to the Marin
29 Conservation League Water Committee. He noted that Director Fraites was at the well-attended
30 meeting. He said he was asked to speak on the North Bay Water Reuse Authority, and he focused
31 his presentation on the Novato Recycled Water Expansion Project, Aqueduct Energy Efficiency
32 Project and Russian River water supply.

1 North Bay Leadership Council

2 Mr. DeGabriele stated that he attended the North Bay Leadership Council Leaders of the
3 North Bay Awards Luncheon on Friday, October 28th wherein Bill Long, Novato Sanitary District
4 Board member and Chair of the North Bay Water Reuse Authority, received the Excellence in
5 Environmental Stewardship award.

6 North Coast Rivers Alliance Challenge of Caltrans EIR

7 The Manager reported that he was advised by District legal counsel Carl Nelson that
8 Sonoma County Judge Chouteau denied the North Coast Rivers Alliance challenge of the Caltrans
9 EIR, including the District's North Marin Aqueduct relocation.

10 **OPEN TIME**

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

13 **STAFF / DIRECTORS' REPORTS**

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

16 Paving of South Novato Boulevard

17 Doug Moore updated the Board on the South Novato Boulevard paving. He said that the
18 District and the City of Novato have come to an agreement on the scope of the paving. He said that
19 he received incomplete proposals from two contractors, and he is waiting for the omitted information
20 from the contractors before authorizing the work and proceeding with the paving.

21 California-Nevada AWWA Conference

22 Mr. McIntyre stated that he attended the California- Nevada AWWA Conference wherein he
23 had an opportunity to represent the District as it was honored by AWWA for its 50-year membership.
24 He said that he was photographed with three or four other water districts' representatives who also
25 were honored. Mr. McIntyre thanked the Board for its support of District staff to attend conferences
26 and said that it is beneficial and gives staff an opportunity to network with their peers in the water
27 industry.

28 Bid Opening for Segment 2 – Recycled Water Project North Service Area

29 Mr. McIntyre advised that on Tuesday, October 25th the District held a bid opening for the
30 final segment for the Recycled Water Project North Service Area (Segment 2) that begins on Olive
31 Avenue, proceeds west to Redwood Boulevard, then north to Fireman's Fund. He said there was a

1 lot of interest from contractors and eight bids were received. He said that the engineer's estimate
2 was \$2 million and there appears to be a cluster of low bids to evaluate; he will provide a bid
3 analysis at a future meeting.

4 Earthquake Emergency Drill

5 Robert Clark informed the Board that he and four District staff members participated with
6 Sonoma County Water Agency, Marin Municipal Water District and two smaller agencies, in a group
7 training that simulated an earthquake in the North Bay. He said that they practiced emergency
8 operations drills with the agencies, and it was an opportunity to experience how each agency would
9 react in an emergency. He said that he is waiting for the analysis of the session which can be used
10 to improve communications and cooperation with other agencies in an emergency. He advised that
11 the State Department of Public Health paid for a Department of Homeland Security contractor to
12 provide the training.

13 Farhad Mansourian Retirement

14 Director Baker reported that he attended a retirement celebration for Farhad Mansourian
15 who has retired from the County of Marin after 30 years. He said that Mr. Mansourian has taken the
16 position of General Manager of SMART, and he opined that SMART may be more sympathetic to
17 Marin municipalities with Mr. Mansourian as Manager of the agency.

18 **QUARTERLY FINANCIAL STATEMENT**

19 Mr. Bentley provided the highlights of the first quarter Financial Report for Fiscal Year
20 2011/12 and stated that the District sells most of its water during this quarter. He stated that this is a
21 conservative budget with 2.7BG in water sales forecast for FY 11/12; and, water sales volume and
22 operating revenue came in less than forecasted this quarter. He said that expenses are on target;
23 the Capital Improvement Projects expenditures are \$1.5M (budgeted at \$3M); and the District's cash
24 balance increased by \$500,000 for the first three months of the fiscal year.

25 Mr. Bentley reported on the individual districts. He said that in Novato, water consumption
26 was down 6% from a year ago, and compared to budget, is down 2%. He pointed out that the cost
27 of water produced at Stafford Treatment Plant was \$1,813 per million gallons which is less than the
28 cost of Russian River water. He advised that the salary and benefit costs are 3% more than a year
29 ago primarily due to higher contribution rates through CalPERS and higher workers comp rates. Mr.
30 Bentley stated that \$769,000 in connection fees were collected for the Warner Creek Senior
31 Housing project, which is more than was budgeted for the entire fiscal year; the Novato cash
32 balance is \$4.5M.

1 Mr. Bentley advised that Recycled Water sales came in at 34MG approximately the same as
2 the prior year. He said the revenue is up due to the rate increase and expenses were down; and the
3 net income this quarter is \$22,000 versus a \$2,000 loss for the prior year during the same period.
4 He advised that approximately \$2M has been spent on the Recycled Water Expansion Project;
5 \$1.75M was borrowed from Novato water pending receipt of grant funds and State Revolving Fund
6 (SRF) loan funds. He further advised that when the grant and loan funds are received, Novato
7 Water will be repaid and Novato connection fee revenue will pay for debt service on the SRF loans.

8 Mr. Bentley stated that revenue and expenses are up in West Marin compared to last fiscal
9 year and its net income this year is \$62,000 versus \$48,000 one year ago. He advised that West
10 Marin capital improvements projects total \$400,000 for FY 11/12. He further advised that West
11 Marin has repaid Novato Water \$83,000 in the first quarter.

12 Mr. Bentley reported that Oceana Marin Sewer revenue is up 5% due to the 6% rate
13 increase. He said there is not much growth in Oceana Marin, expenses are down and its cash
14 balance is \$294,000 at the end of the first quarter.

15 **CONSENT CALENDAR**

16 On the motion of Director Petterle, seconded by Director Baker and unanimously carried the
17 following items were approved on the consent calendar:

18 **CHIPOTLE MEXICAN GRILL #1643 – 880 DELONG AVENUE**

19 The Chipotle Mexican Grill project will renovate the existing building at 880 DeLong Avenue.
20 New Zone 1 water facilities required include ten feet of four-inch PVC, one four-inch fire service
21 assembly and a 1-1/2 inch domestic water service with 1-1/2 inch back flow preventer. The existing
22 5/8 inch meter installed in 1971 will be killed and the existing on-site fire hydrant will remain
23 unchanged. The total water demand for the project is four equivalent dwelling units and the new
24 water demand is two EDUs. The Applicant is credited two EDUs for the existing service, based on
25 historical water use during the first ten years of service per Regulation 1.c.

26 The Board approved Resolution No. 11-31 entitled, "Authorization of Execution of Water
27 Service Facilities Construction Agreement with Novato Realty Partners, LLC."

28 Director Rodoni commented that the Applicant received \$57,000 credit for the 1971
29 services; and opined that with the financial difficulties of the District, the Board should revisit the
30 policy of giving credit for very old services. There was Board consensus.

1 **OUTSIDE AUDITOR'S 2011 REPORT AND MANAGEMENT LETTER**

2 The Board accepted the Outside Auditor's FY 10/11 Financial Report and Management
3 Letter as presented as a draft at the October 18, 2011 meeting.

4 **ACTION CALENDAR**

5 **REQUEST FOR ADDITIONAL BILL ADJUSTMENT – WEDEL**

6 There was no discussion on this item. The customer was not in attendance.

7 On motion of Director Baker, seconded by Director Fraites and unanimously carried, the
8 Board denied the request for an additional bill adjustment for Mr. Wedel.

9 **STP SOLAR POWER PROJECT OPTION**

10 Mr. Bentley stated that staff has been working many months on the financing for Stafford
11 Treatment Plant Solar Energy Project. He said that the State Legislature has authorized additional
12 funds for the California Solar Initiatives (CSI) credit which will enable the solar power project to
13 commence; however the District recently received an offer from Sonoma County Water Agency to
14 sell the District electrical power through the Power and Water Resources Pooling Authority
15 (PWRPA) at less cost than Solar Power Partners cost. He said that he and Robert Clark met with
16 SCWA to discuss the details and discovered that SCWA is not ready to commit to pricing or to
17 execute a contract in writing at this time. Mr. Bentley advised the Board that the deadline to pay
18 PG&E the \$10,000 CSI application fee to retain the option to construct the STP Solar Power Project
19 is Saturday, November 5, 2011. He said that it is staff's recommendation to keep options open and
20 pay the \$10,000 and continue to work with SCWA to develop a power purchase agreement for
21 PWRPA power.

22 Director Schoonover asked if there is a downside to staff's recommendation.

23 Mr. Bentley responded that the District would lose \$10,000 if the District decides to wait and
24 purchase power from SCWA through PWRPA when available.

25 Director Baker moved that the Board accept staff's recommendation to pay PG&E the
26 \$10,000 CSI application fee and to continue working with SCWA to develop a power purchase
27 agreement for PWRPA power.

28 Director Rodoni asked if there was a time limit to perform to keep the PG&E option open.

29 Mr. Bentley stated that the District would need to commence the project within 18 months.

30 Director Petterle seconded the motion.

1 Mr. Fraites asked if the power that would be purchased from Sonoma County Water Agency
2 would be "green power".

3 Mr. Bentley said yes, that 40% hydro-power would come from Warm Springs Dam, 40%
4 power from the Sonoma County landfill and the remaining 20% would be hydro-power through
5 PRWPA. Mr. Clark explained that hydro-power is "green power" because it does not create
6 greenhouse gas emissions; however, hydro-power is not considered a renewable energy source
7 such as wind and solar.

8 The Board unanimously voted to direct staff to pay the \$10,000 California Solar Initiative
9 application fee to PG&E to maintain the financial viability of the proposed STP solar project, and to
10 direct staff to continue working with SCWA to develop a power purchase agreement for PWRPA
11 power.

12 **NEW CREW TRUCK PURCHASE**

13 Robert Clark stated that the Board authorized staff to solicit bids for a new dump truck at the
14 September 6, 2011 meeting; and of the five bids received, one bid met the District's minimum
15 specifications. He informed the Board that the low bid was received by Peterson Truck who met the
16 minimum specifications and who has provided the District with the majority of the large vehicles in its
17 fleet. Mr. Clark advised that the budget of \$78,000 for the new dump truck was underestimated and
18 the enhanced emissions systems used to lower greenhouse gas emissions are costing more than
19 anticipated. He said that staff has decided to defer purchase of a new 3/4-ton pick-up, budgeted at
20 \$25,000, and apply that amount to the purchase of the dump truck.

21 On motion of Director Baker, seconded by Director Fraites, and unanimously carried the
22 Board authorized staff to award the purchase contract for the new dump truck to Peterson Trucks
23 Inc. for a total of \$101,345.

24 **RECYCLED WATER EXPANSION TO THE SOUTH SERVICE AREA – PHASE 1B** 25 **CONSTRUCTION PROJECT – APPROVE BID ADVERTISEMENT**

26 Drew McIntyre presented the first of three requests for bid advertisement for the Recycled
27 Water Expansion Project South Service Area. He said that this first project is Phase 1b and the
28 District is teaming up with Las Gallinas Valley Sanitary District. He described the project as
29 including construction of 1.9 miles of recycled water pipeline and the rehabilitation of Reservoir Hill
30 Water Storage Tank that includes a new roof and waterproofing of the tank. Mr. McIntyre stated that
31 the District is using Reservoir Hill Tank under a license agreement with the City of Novato. He noted
32 that the design engineer for the south service area project is Nute Engineering and that the District's
33 engineer is Dave Jackson. He informed the Board that the Phase 1b project does not need as

1 many permits as Phase 1a; the District already has an Encroachment Permit from the City and a
2 Right-of-Entry permit is pending with SMART. He reviewed the Phase 1b project schedule that
3 identifies construction completion in September 2012 and that the schedule conforms to the
4 American Recovery and Reinvestment Act (ARRA) grant funding requirement.

5 Mr. McIntyre addressed the financing of the Recycled Water Expansion North and South
6 projects and stated both projects' cost estimates are higher than developed originally because they
7 were based on preliminary conceptual cost estimates. Mr. McIntyre advised that the cost estimate
8 for the South Service Area is now \$1.5M more than the original \$6M estimate and that \$900,000 is
9 for onsite retrofit work. He further advised that the District has been successful in receiving
10 additional grant money; the WaterSMART grant of \$1M covered the deficit from the original ARRA
11 grant and in the last month, the WaterSMART grant has been increased another \$375,000 for the
12 higher project costs. He said that the project will receive \$195,000 in Prop 84 grant money. Mr.
13 McIntyre said the District has not received the preliminary funding commitment for the South Service
14 Area project for the SRF loan, and he is hopeful that the funding commitment will be received by
15 time the project is awarded.

16 Director Fraithe asked if SMART is repealed, can the District recover its costs for obtaining
17 rights to cross the railroad tracks in the three crossing locations. Mr. McIntyre responded that
18 whether SMART is repealed or not, an entity will own the tracks and will have its own rules and
19 procedures in place for crossing their property.

20 Director Petterle asks for clarification that the Board is being asked to approve the bid
21 advertisement only, and that there is no financial impact in tonight's Board action. Mr. McIntyre
22 responded in the affirmative.

23 On motion of Director Baker, seconded by Director Petterle and unanimously carried, the
24 Board authorized bid advertisement of the Recycled Water Expansion South Service Area Phase 1b
25 construction project.

26 **BOARD OF DIRECTORS PLANNING WORKSHOP**

27 Mr. DeGabriele stated that it is time to schedule the Board planning workshop and he is
28 proposing that the workshop be held at the regular Board of Directors meeting on January 3, 2012.
29 He said that he is also asking the Board to authorize staff to conduct a self-assessment. He stated
30 that after looking at several different tools for assessment that are available to water utilities, he
31 found an assessment prepared by eight large/medium-sized water agencies, along with the EPA
32 and Water Environment Foundation called "The Effective Utility Management Program". He said that
33 he spoke with agencies that have used it and they reported it being a beneficial tool to involve all

1 staff in the organization, and it is available at no charge. Mr. DeGabriele conducted a brief
2 presentation of the self-assessment to explain how the tool works. He said the results will identify
3 the operational areas of the District that need improvement, and he advocates that all employees
4 and Directors complete the assessment and the results would be discussed at the workshop.

5 Director Fraites said that he may not be in attendance at the January 3rd meeting.

6 Director Petterle stated that the self-assessment discussion may be a lot to accomplish and
7 will consume the workshop.

8 Mr. DeGabriele stated that he did not think that there will not be a lot of categories that will
9 need improvement, and therefore further discussion. He said that since it is important that all
10 Directors be present, he will poll the Board to determine a day and time to hold the workshop.

11 On motion of Director Petterle, seconded by Director Baker and unanimously carried, the
12 Board authorized staff to hold a special meeting on a date to be determined for the Planning
13 Workshop and authorized staff to conduct the self-assessment.

14 Director Petterle left the meeting at 8:33 p.m.

15 **INFORMATION ITEMS**

16 **FIRST QUARTER 2011/12 UPDATE – OPERATIONS/MAINTENANCE**

17 Robert Clark provided the first quarter FY 2011/12 update for the Operations and
18 Maintenance. He said that the reorganization efforts completed in April included the transfer of Dan
19 Garrett from Maintenance to the Stafford Treatment Plant as an Assistant Distribution Treatment
20 Plant Operator; and temporary employee Michael Connolly was hired as a regular full-time Assistant
21 Distribution Treatment Plant Operator August 1.

22 Mr. Clark reported that Stafford Treatment Plant production has averaged 3.5 MGD this
23 quarter and is operating very well with three treatment plant operators, one less than last year. He
24 said there was a water quality issue due to high levels of turbidity in the finished water that resulted
25 in the shut-down of the treatment plant for one week; but after staff made adjustments to the Solar
26 Bees on the lake, production was back on-line. He stated that the STP staff participated in a safety
27 system inspection conducted by Cal-OSHA; and during the second quarter, staff will train Novato
28 Fire District and Marin County first responders on chlorine and other hazardous materials at Stafford
29 Treatment Plant.

30 Mr. Clark advised that Novato system water production and recycled water production were
31 similar to last year. He further advised that well #3 in Point Reyes suffered a dramatic decrease in
32 production and that Winzler & Kelly will provide assistance in designing a replacement well. He said

1 that permits are required from the County and Coast Guard and he will keep the Board apprised.
2 Mr. Clark stated that production in Point Reyes was down for a fourth year in a row which he
3 attributes to the cooler temperatures and customer conservation efforts. He said that Phillips and
4 Associates continues operating the Oceana Marin sewer system.

5 Mr. Clark provided a summary of the Maintenance group and said that returning summer
6 staff has helped in the backflow program and routine maintenance tasks. He said the
7 Electrical/Mechanical group installed quick connects at several pump stations to enable quick
8 installation of a generator in emergency power outages.

9 Mr. Clark also provided information on the Cross Connection Control section, Building and
10 Grounds and Fleet Operations.

11 **QUARTERLY PROGRESS REPORT – ENGINEERING DEPARTMENT**

12 Mr. McIntyre provided the Engineering Department first quarter report. He said that in West
13 Marin, Improvement Projects expenditures are forecasted to not exceed the FY 11-12 approved
14 budget; however in the Novato system (which includes water and recycled water) Improvement
15 Projects expenditures are expected to exceed the budget. He explained that this is because of the
16 accelerated Recycled Water Expansion Project expenditures. Mr. McIntyre advised that he will
17 present an update of the Recycled Water Financial Plan in January and will request a budget
18 augmentation for the remainder of the fiscal year at that time. He stated that when potable water
19 system expenditures are combined with recycled water, the actual expenditure is \$10.2M versus a
20 budget of just under \$10M. He further stated that the expected savings in the potable water system
21 is masking the additional cost of the Recycled Water Expansion Project. Mr. McIntyre informed the
22 Board that in the Novato Water system budget there is \$2.7M budgeted for the Aqueduct Energy
23 Efficiency Project and stated that project expenditures will not come close to that amount.

24 Mr. McIntyre stated that total Improvement Projects for Novato and West Marin is 39, two
25 projects were added and two projects were deferred. He said that in Novato, two projects have
26 overruns, the Recycled Water Expansion Project and the South Novato Boulevard Main Repair. He
27 said the South Novato Boulevard project is now estimated at \$250,000 rather than the budgeted
28 \$120,000 because scope of the project was underestimated. He said that there was a lot of
29 exploration, potholing, conflicts with existing utilities coupled with the complexity of working in the
30 difficult intersection requiring traffic control that increased costs. He said that there is now 500 feet
31 of new pipeline in the area where the pipeline had failed twice in the last five years.

32 Mr. McIntyre reported that in West Marin, no projects are expected to exceed the original
33 budget except the Point Reyes Well, Well #3 Project. He advised that more costs are anticipated

1 but the amount is unknown at this time. He said the other large capital improvement project is the
2 Point Reyes Treatment Plant Solids Handling project. He said that this project can be slowed down
3 if necessary to insure that there is enough money in the budget to cover any additional costs for the
4 repair of Well #3.

5 Mr. McIntyre said that there very few labor hours associated with developer projects and
6 District Improvement Projects show 38% of expenditures for the first quarter; normally it would be
7 25%. He said that most of staff time and effort has been with the accelerated Recycled Water
8 Expansion Project.

9 **COOPERATIVE AGREEMENT BETWEEN NMWD AND GHILOTTI BROS. – PARTIAL PAVING**
10 **OF CORPORATION YARD**

11 Mr. McIntyre stated that Ghilotti Bros. is the contractor working on the Caltrans Marin
12 Sonoma Narrows Freeway Widening project in the area fronting District property. He reported that
13 Ghilotti Bros. came to the District requesting use of the triangular portion of the District corporation
14 yard to be used as a staging area for their equipment and crew. He said that Joe Kauwe
15 successfully negotiated with Ghilotti Bros. that in exchange for using District property, Ghilotti Bros.
16 will provide equipment and labor to repave areas in the District corporation yard. Mr. McIntyre stated
17 that repaving of the corporation yard has been deferred for many years and is much needed. He
18 advised that the District will pay for the asphalt materials and the savings to the District for labor and
19 equipment is estimated at approximately \$16,000. He said that in addition, Ghilotti Bros. cleared out
20 the spoils pile on the triangular portion of the corporation yard resulting in additional savings to the
21 District of approximately \$4,500. He advised District cost for materials is \$14,000, and an additional
22 \$11,000 allowance for miscellaneous District labor costs.

23 **BANK OF MARIN AQUEDUCT ENERGY EFFICIENCY PROJECT LOAN**

24 Mr. Bentley informed the Board that the District closed the loan for \$8 Million. He said that
25 he was pleased to be able to do business with a local bank.

26 **WAC/TAC MEETING – NOVEMBER 7, 2011**

27 Mr. DeGabriele presented the Agenda for the WAC/TAC meeting being held on Monday,
28 November 7, 2011.

29 **NORTH BAY WATERSHED ASSOCIATION MEETING – NOVEMBER 4, 2011**

30 Mr. DeGabriele noted the North Bay Watershed Association agenda for the Friday,
31 November 4, 2011 meeting and said that Director Baker will attend.

1 **MISCELLANEOUS**

2 The Board received the following miscellaneous information: Disbursements, The revege
3 of water, Disposition of Credit Card Swipe Machines, Infrastructure Committee Reviews Plans to
4 Enhance the Water Supply.

5 The Board also received the following news articles: Stafford Lake Bike Park Could Be
6 Ready in Year, Chinook Salmon Returning to Russian River in Near-Record Numbers, Wine Grape
7 Growers Sue Over Frost Protection Rules, Myths about Russian River Sandbar Plan, Coho Release
8 Highlights 10-Year Willow Creek Restoration, Salinity Notice.

9 President Schoonover adjourned the meeting at 8:58 p.m.

10 Submitted by

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Renee Roberts
District Secretary

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NORTH MARIN WATER DISTRICT
MONTHLY PROGRESS REPORT FOR October 2011
November 11, 2011

1.

Novato Potable Water Prod - RR & STP Combined - in Million Gallons - FYTD

Month	FY11/12	FY10/11	FY09/10	FY08/09	FY07/08	12 vs 11 %
July	371	379	360	419	417	-2%
August	365	368	367	417	416	-1%
September	347	358	335	393	374	-3%
October	251	278	233	313	268	-10%
FYTD Total	1,333	1,384	1,294	1,542	1,474	-4%

West Marin Potable Water Production - in Million Gallons - FY to Date

Month	FY11/12	FY10/11	FY09/10	FY08/09	FY07/08	11 vs 10 %
July	9.2	9.9	10.0	11.8	11.5	-7%
August	9.4	9.9	10.6	11.9	11.5	-5%
September	8.7	9.2	9.6	10.2	9.8	-5%
October	6.5	7.8	6.9	9.8	7.4	-16%
FYTD Total	33.9	36.8	37.1	43.7	40.1	-8%

Stafford Treatment Plant Production - in Million Gallons - FY to Date

Month	FY11/12	FY10/11	FY09/10	FY08/09	FY07/08	11 vs 10 %
July	115	109	152	131	131	6%
August	126	108	150	128	121	17%
September	77	112	155	117	106	-32%
October	113	111	80	81	75	2%
FYTD Total	431	440	537	458	432	-2%

Recycled Water Production - in Million Gallons - FY to Date

Month	FY11/12	FY10/11	FY09/10	FY08/09	FY07/08	11 vs 10 %
July	11.0	11.9	12.0	13.6	13.4	-8%
August	12.2	11.2	12.9	13.6	12.7	9%
September	9.6	9.5	10.2	10.9	9.4	1%
October	0.0	2.6	2.6	6.4	2.7	-
FYTD Total	32.8	35.2	37.7	44.5	38.2	-7%

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2. Stafford Lake Data

	October Normal	October 2010	October 2011
Rainfall this month	1.4 Inches	1.9 Inches	2.0 Inches
Rainfall this FY to date	1.4 Inches	1.9 Inches	2.0 Inches
Lake elevation*	187.1 Feet	181.7 Feet	182.0 Feet
Lake storage**	925.4 MG	534.4 MG	547.1 MG

* Spillway elevation is 196.0 feet

** Lake storage less 390 MG = quantity available for production

Temperature (in degrees)

	Minimum	Maximum	Average
Oct 2010	39	88	60
Oct 2011 (STP)	31	100	59
Oct 2011 (Novato)	40	99	69

3. Number of Services

October 31	Novato Water			Recycled Water			West Marin Wtr			Oceana Marin Swr		
	FY12	FY11	Incr %	FY12	FY11	Incr %	FY12	FY11	Incr %	FY12	FY11	Incr %
Total meters installed	20,742	20,734	0.0%	3	3	0.0%	818	815	0.4%	-	-	-
Total meters active	20,477	20,449	0.1%	2	3	-33%	772	769	0.4%	-	-	-
Active dwelling units	23,869	23,846	0.1%	0	0	-	805	802	0.4%	227	226	0.4%

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4. Oceana Marin Monthly Status Report (October)

Description	FY 10-11	FY 11-12
Effluent Flow Volume (Gal)	486,570	503,841
Irrigation Field Discharge Gal)	0	637,000
Treatment Pond Freeboard (ft)	4.9	3.4
Storage Pond Freeboard (ft)	5.9	6.9

5. Developer Projects Status Report (October)

Job No.	Project	% Complete	% This month
2743	Warner Creek Senior Housing	50	18
2754	Hamilton Elementary	50	50

District Projects Status Report - Const Dept (October)

Job No.	Project	% Complete	% This month
7067	So. Novato Blvd/Rowland Main Break Repair	95	5
7123.07	Del Oro PB Replacement	5	5
8716.08	City Paving Coordination	32	8

Employee Hours to Date, FY 11/12

As of Pay Period Ending October 31, 2011
Percent of Fiscal Year Passed = 33%

Developer Projects	Actual	Budget	% YTD Budget	District Projects	Actual	Budget	% YTD Budget
Construction	305	1,800	17	Construction	1,522	4,944	31
Engineering	278	1,393	20	Engineering	2,050	5,564	37

6. Safety/Liability

	Industrial Injury with Lost Time				Liability Claims Paid	
	Lost Days	OH Cost of Lost Days (\$)	No. of Emp. Involved	No. of Incidents	Incurred (FYTD)	Paid (FYTD) (\$)
FY through Oct 11	0	0	0	0	0	0
FY through Oct 10	0	0	0	0	3	2,105

Days without a lost time accident through October 31, 2011 = 235 days

7. Energy Cost

FYE		September			Fiscal Year-to-Date thru September		
		Kwh	¢/Kwh	Cost/Day	Kwh	¢/Kwh	Cost/Day
2012	Stafford TP	82,528	16.8¢	\$434	278,782	16.6¢	\$508
	Pumping	130,959	14.8¢	\$719	590,689	14.4¢	\$933
	Other*	39,608	21.3¢	\$291	126,759	21.3¢	\$300
		253,095	16.5¢	\$1,491	996,230	15.9¢	\$1,681
2011	Stafford TP	92,100	17.0¢	\$558	292,200	17.0¢	\$540
	Pumping	123,985	15.1¢	\$1,042	543,857	14.6¢	\$966
	Other*	45,544	21.0¢	\$320	143,529	20.9¢	\$325
		261,629	16.8¢	\$1,912	979,586	16.2¢	\$1,847
2010	Stafford TP	131,400	15.9¢	\$696	363,900	15.9¢	\$636
	Pumping	175,267	15.5¢	\$967	525,076	15.3¢	\$921
	Other*	49,002	19.6¢	\$321	145,893	20.2¢	\$331
		355,669	16.2¢	\$1,986	1,034,869	16.2¢	\$1,882

*Other includes West Marin Facilities

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8. Water Conservation Update (October)

	Month of October 2011	FY to Date	Program Total to Date
High Efficiency Toilet (HET) Rebate (\$150 each)	6	70	2256
Retrofit Certificates Filed	16	85	4268
Cash for Grass Rebates Paid Out	3	21	470
Washing Machine Rebates	22	98	5685
Water Smart Home Survey	17	132	1489

NORTH MARIN WATER DISTRICT

Summary of Complaints & Service Order October 2011

Prepared: 11/09/11

<u>Type</u>	<u>Oct-11</u>	<u>Oct-10</u>	<u>Action Taken October 2011</u>
<u>Consumers' System Problems</u>			
Consumer Service Line Leaks	21	12	Notified Customer
Meter Leak Consumer's Side	0	0	~
House Plumbing	0	0	~
Noisy Plumbing	0	1	~
Seepage or Other	0	0	~
House Valve / Meter Off	5	2	Turned Back On
Nothing Found	6	5	Notified Customer
Low Pressure	1	2	Pressure @ 70 PSI. Customer Notified.
High Pressure	1	0	Pressure @ 100 PSI. Customer Notified.
Water Waster Complaints	0	0	~
Total	34	22	
<u>Service Repair Reports</u>			
Register Replacements	0	0	~
Meter Replacement	0	0	~
Meter Box Alignment	0	0	~
Meter Noise	0	0	~
Dual Service Noise	0	0	~
Box and Lids	0	4	~
Water Off/On Due To Repairs	5	4	Notified Customer
Misc. Field Investigation	4	4	Notified Customer
Total	9	12	
<u>Leak Complaints</u>			
Main-Leak	0	0	~
Mains-Nothing Found	0	0	~
Mains-Damage	0	0	~
Service- Leak	15	11	Repaired
Services-Nothing Found	2	1	Notified Customer
Service-Damaged	0	0	~
Fire Hydrant-Leak	1	1	Repaired
Fire Hydrants-Nothing Found	0	1	~
Fire Hydrants-Damaged	0	0	~
Meter Replacement	0	0	~
Meters-Leak	0	0	~
Meters-Nothing Found	0	0	~
Meters Damaged	0	0	~
Washer Leaks	8	5	Replaced
Total	26	19	
<u>High Bill Complaints</u>			
Consumer Leaks	15	12	Notified Customer
Meter Testing	0	0	~
Meter Misread	1	5	Notified Customer
Nothing Found	21	46	Notified Customer
Projected Consumption	0	0	~
Excessive Irrigation	4	1	Notified Customer
Total	41	64	

NORTH MARIN WATER DISTRICT

Summary of Complaints & Service Order October 2011

Prepared: 11/09/11

Type	Oct-11	Oct-10	Action Taken October 2011
<u>Low Bill Reports</u>			
Meter Misread	0	1	~
Stuck Meter	0	0	~
Nothing Found	0	0	~
Projected Consumption	0	0	~
Minimum Charge Only	0	0	~
Total	0	1	
<u>Water Quality Complaints</u>			
Taste and Odor	6	2	<p><i>Customer reported water smelled like chlorine. (Via Herbosa)</i> STP made multiple adjustment to the chlorine level of water leaving the plant. All results normal for NMWD. Customer was notified of results.</p> <p><i>Customer reported a chemical taste in the water. (Samoa Ln)</i> Chlorine normal for NMWD. Customer was notified of results.</p> <p><i>Customer reported a chemical odor in the water. (Sotelo Way)</i> Odor most likely due to chlorine. All results were normal for NMWD. Customer was notified of results.</p> <p><i>Customer reported bad taste in the water. (Topaz Dr)</i> Taste most likely due to chlorine. All results were normal for NMWD. Customer was notified of results.</p> <p><i>Customer reported bad taste in the water. (San Domingo Way)</i> Slight taste due to newly installed in-line filter system. All results normal for NMWD. Customer was notified of results.</p> <p><i>Customer reported chlorine odor in water. (Cypress Ave)</i> Chlorine level at high end of our normal range. All results normal for NMWD. Customer was notified of results.</p>
Color	0	0	~
Turbidity	0	0	~
Suspended Solids	0	0	~

NORTH MARIN WATER DISTRICT

Summary of Complaints & Service Order October 2011

Prepared: 11/09/11

Type	Oct-11	Oct-10	Action Taken October 2011
Other	3	2	<p>Customer reported hard water. (Caribe Isle) All results normal for NMWD water. Customer was notified of results.</p> <p>Customer reported hard water. (Caddy Ct) All results normal for NMWD. Customer was notified of results.</p> <p>Customer reported staining in toilet bowl. (Palm Ave) The manganese is due to sediment in water mains & plumbing. Home built in 1930's. All results normal for NMWD. Customer was notified.</p>
Total	9	4	
TOTAL FOR MONTH:	119	122	-2%

Fiscal YTD Summary

Consumer's System Problems	163	112
Service Repair Report	37	63
Leak Complaints	127	122
High Bill Complaints	179	290
Low Bills	3	3
Water Quality Complaints	21	17
Total	530	607

Change Primarily Due To

46%	Increase In Consumer Line Leaks
-41%	Decrease in Water Off/On To Repairs
4%	Increase In Service Leaks
-38%	Decrease In "Nothing Found"
0%	~
24%	Increase in Taste & Odor
-13%	

"In House" Generated and Completed Work Orders

Check Meter: possible consumer/District leak, high bill, flooded, need read, etc.	243	292
Change Meter: leaks, hard to read	11	11
Possible Stuck Meter	4	3
Repair Meter: registers, shut offs	0	0
Replace Boxes/Lids	8	17
Hydrant Leaks	0	0
Trims	65	141
Dig Outs	72	213
Letters to Consumer: meter obstruction, trims, bees, gate access, etc.	0	6
Misc: locate meter, get meter number, cross connection follow ups, kill service, etc.	0	0
	403	683

NORTH MARIN WATER DISTRICT

Summary of Complaints & Service Order October 2011

Prepared: 11/09/11

<u>Type</u>	<u>Oct-11</u>	<u>Oct-10</u>	<u>Action Taken October 2011</u>
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Bill Adjustments Under Board Policy:

October 11 vs. October 10

Oct-11	31	\$6,683
Oct-10	32	\$6,440

Fiscal Year to Date vs. Prior FYTD

11/12 FYTD	108	\$24,421
10/11 FYTD	111	\$32,411

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MEMORANDUM

To: Board of Directors

November 11, 2011

From: David L. Bentley, Auditor-Controller 

Subj: Auditor-Controller's Monthly Report of Investments for October 2011
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RECOMMENDED ACTION: Information

FINANCIAL IMPACT: None

At month end the District's Investment Portfolio had an amortized cost value (i.e., cash balance) of \$13,051,536 (which includes an \$8 million loan from Bank of Marin acquired in October to pay for the Aqueduct Energy Efficiency Project) and a market value of \$13,075,264. During October the cash balance increased by \$8,152,138. For the fiscal year, the cash balance increased \$8,677,565. The market value of securities held increased by \$16,770 during the month. The ratio of total cash to budgeted annual operating expense, excluding the \$7,304,967 unexpended balance of the Bank of Marin loan, stood at 47%, up 7% from the prior month. This compares to the District's target ratio of 90%, or \$11 million.

At October 31, 2011, 93% of the District's Portfolio was invested in California's Local Agency Investment Fund (LAIF), and 8% in a Time Certificates of Deposit placed in a Novato bank. The weighted average maturity for the portfolio was 46 days, compared to 128 days at the end of last month. The LAIF interest rate for the month was 0.39%, compared to 0.38% in the previous month. The weighted average Portfolio rate was 0.45%, compared to 0.52% in the previous month. The District earned \$7,106 in interest revenue during October with 22% earned by Novato Water and the balance distributed to the other improvement districts.

State Controller John Chiang's October report on California's financial position stated: "October's poor revenues capped a very disappointing first four months of the fiscal year. Unless revenues and expenditures begin to track with projections, the State will face increasing cash pressure in the months ahead." California's total year-to-date general fund revenues are now behind the budget estimates by \$1.5 billion, while expenditures exceed projections by \$1.7 billion. The State ended last fiscal year with a cash deficit of \$8.2 billion. The cumulative cash deficit now stands at \$20.3 billion. The deficit is being covered with \$14.9 billion of internal borrowing (temporary loans from special funds) and \$5.4 billion of external borrowing.

**NORTH MARIN WATER DISTRICT
AUDITOR-CONTROLLER'S MONTHLY REPORT OF INVESTMENTS
October 31, 2011**

Type	Description	S&P Rating	Purchase Date	Maturity Date	Cost Basis ¹	10/31/2011 Market Value	Yield ²	% of Portfolio
LAIF	State of CA Treasury	A	Various	Open	\$12,139,116	\$12,161,544	0.39% ³	93%
Time Certificate of Deposit								
TCD	Bank of Marin	n/a	6/3/11	6/3/13	\$1,000,000	\$1,000,000	1.00%	8%
Other								
Agency	Marin Co Treasury	AA+	Various	Open	\$232,078	\$232,078	0.45%	2%
Bond	Olema G.O. Bond	A+	5/31/91	1/1/15	14,595	15,895	5.00%	0%
Other	Various	n/a	Various	Open	(334,253)	(334,253)	0.00%	-3%
TOTAL IN PORTFOLIO					\$13,051,536	\$13,075,264	0.45%	100%

Weighted Avg. Maturity = **46 Days**

LAIF: State of California Local Agency Investment Fund.

Agency: West Marin General Obligation Bond Fund tax receipts & STP State Revolving Fund Loan Reserve.

Bond: Annual \$4,113 payment is paid by tax levy on Olema residents.

Other: Comprised of 4 accounts used for operating purposes. US Bank Operating Account, US Bank, STP SRF Loan Account, Union Bank Securities Custodial Account & NMWD Petty Cash Fund.

1 Original cost less repayment of principal and amortization of premium or discount.

2 Yield defined to be annualized interest earnings to maturity as a percentage of invested funds.

3 Earnings are calculated daily - this represents the average yield for the month ending October 31, 2011.

<u>Interest Bearing Loans</u>	Loan Date	Maturity Date	Original Loan Amount	Principal Outstanding	Interest Rate
Black Point Partners-BPGL	6/30/06	2/28/24	\$3,612,640	\$2,651,223	2.39%
Employee Housing Loans (8)	Various	Various	1,441,785	1,441,785	Contingent
Employee Computer Loans (9)	Various	Various	13,300	7,349	1.97% (avg)
TOTAL INTEREST BEARING LOANS			\$5,067,725	\$4,100,357	

The District has the ability to meet the next six months of cash flow requirements.

6

MEMORANDUM

To: Board of Directors

November 11, 2011

From: Chris DeGabriele, General Manager CD

Subject: Water Service – Petaluma Boulevard South Industrial Area

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RECOMMENDED ACTION: Board authorize sending a letter to City of Petaluma initiating discussion regarding transfer of water facilities and service responsibility in the Petaluma Boulevard South Industrial Area.

FINANCIAL IMPACT: Reduced water sales revenue less than \$6,000/year if transferred

District staff has had several conversations over the years with staff from the City of Petaluma regarding Petaluma's interest in taking over service responsibility in the Petaluma Boulevard South Industrial Area (see map with the attached letter). Petaluma staff has suggested that the District make a formal initiative to the city to hopefully begin the discussions.

RECOMMENDATION:

Board authorize sending a letter to City of Petaluma proposing discussions to transfer water facilities and water service responsibility in the Petaluma Boulevard South Industrial Area.

DRAFT

November 16, 2011

John C. Brown, City Manager
City of Petaluma
11 English Street
Petaluma, CA 94952

Re: Water Service – Petaluma Boulevard South Industrial Area

Dear Mr. Brown:

North Marin Water District (NMWD) is interested in discussing a transfer of water facilities and water service responsibility in the South Petaluma Boulevard Industrial Area to the City of Petaluma. As shown on the attached map, NMWD currently serves ten properties in the area from its water distribution system connected to the Kastania Pipeline (formerly a part of the North Marin Aqueduct) which is owned by Sonoma County Water Agency (SCWA). These properties use less than 700,000 gallons per year and eight properties are individually metered. The Kastania Pipeline turnouts which feed the NMWD distribution system are also metered by SCWA, and the condition of the water distribution facilities is excellent as demonstrated by the calculated unaccounted water (the difference in water sold by NMWD to its customers in the area compared to the water delivered by SCWA is less than 1%).

The NMWD Policy (attached) regarding service from the North Marin Aqueduct has been in place since 1977 and currently authorizes that lands within the South Petaluma Specific Plan area can be served provided land use approval from the County of Sonoma and/or City of Petaluma is obtained and that no expansion of water service

John C. Brown
November 16, 2011
Page 2

on said lands is allowed.

We know that there has been significant discussion regarding additional development in the South Petaluma Boulevard Industrial Area; and although NMWD is ready, willing and able to serve said development, the determination to do so is likely best determined by the adjacent City of Petaluma.

I appreciate the opportunity to bring this to your attention, and I am available at your convenience to discuss this in more detail.

Sincerely,

Chris DeGabriele
General Manager

CD:rr

Attachments

Cc: Remleh Scherzinger, City of Petaluma, Director Water Resources and Conservation

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REVISED RESOLUTION 1230

RESOLUTION OF THE BOARD OF DIRECTORS OF NORTH MARIN WATER DISTRICT INDICATING SUPPORT OF COOPERATIVE PLANNING EFFORT FOR NOVATO-PETALUMA CORRIDOR AND INTENT TO COMMUNICATE WITH ALL AFFECTED AGENCIES REGARDING ANY PROPOSED NEW WATER SERVICE CONNECTIONS IN THE CORRIDOR

WHEREAS, it is the common goal of the Counties of Marin and Sonoma, and the Cities of Novato and Petaluma, to protect and maintain the agricultural open space nature and use of the lands located adjacent to Highway 101 on both sides of the Sonoma-Marin County line between the Cities of Novato and Petaluma and known as the Novato-Petaluma Corridor; and

WHEREAS, in 1975 the Cities of Novato and Petaluma adopted agreements in support of cooperative planning between the two cities; and

WHEREAS, the adopted general plans of the Counties of Marin and Sonoma, and the Cities of Novato and Petaluma, encourage the preservation of the agricultural open space character of the Novato-Petaluma Corridor; and

WHEREAS, the efforts of Marin and Sonoma Counties and the Cities of Novato and Petaluma to preserve and maintain the agricultural open space nature of the Petaluma-Novato corridor are of importance to and deserve the support of other public agencies also having jurisdiction over or other interests in the Novato-Petaluma Corridor; and

WHEREAS, it is in the mutual interest of all affected agencies to monitor land use activities within the Novato-Petaluma Corridor and communicate with each other relative to any proposed changes in land use, services or facilities regarding same; and,

WHEREAS, the North Marin Water District owns, operates and maintains a major water aqueduct traversing the length of the Novato-Petaluma Corridor.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF NORTH MARIN WATER DISTRICT DOES HEREBY RESOLVE, DETERMINE AND FIND AS FOLLOWS:

1. This District does hereby endorse and support the joint efforts of the Counties of Marin and Sonoma and the Cities of Novato and Petaluma in developing and implementing cooperative land use policies and regulations concerning the Novato-Petaluma Corridor.
2. This District does hereby declare its intention to cooperate in this bi-County effort.
3. This District in recognition of its support and cooperation does hereby declare its intention to advise all affected agencies, particularly the Counties of Marin and Sonoma, their respective Local Agency Formation Commissions, and the Cities of Novato and Petaluma, of any proposed new water service connections or proposed changes in use for existing water service connections to the North Marin Aqueduct within said Novato-Petaluma Corridor; and will refrain from taking any action upon any such proposal until all affected agencies have been notified thereof and given the opportunity to comment thereon; except that requests for new water service connections and requests for expansion of existing water service within said Novato-Petaluma corridor and outside

the District Service Area boundary shall be denied pursuant to the District Policy Statement on Service From North Marin Aqueduct.

4. This District finds that the specific affected agencies referred to in this Resolution include: The County of Marin (Planning Department); the County of Sonoma (Planning Department and Fire Chief); the City of Novato; the City of Petaluma; the Sonoma County Local Agency Formation Commission; the Marin County Local Agency Formation Commission; the Sonoma County Water Agency; the Novato Sanitary District, the Marin County Open Space District; the Marin County Flood Control and Water Conservation District; and the Novato Fire Protection District.

* * * * *

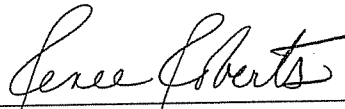
Originally Adopted: July 1, 1975

Date of First Revision: January 21, 1992

Date of Second Revision: June 6, 2006

I hereby certify that the foregoing is a true and complete copy of a revised resolution duly and regularly adopted by the Board of Directors of NORTH MARIN WATER DISTRICT at a regular meeting of said Board held on the 6th day of June, 2006 by the following vote:

AYES:	Directors Baker, Fraites, Petterle, Rodoni, Schoonover
NOES:	None
ABSENT:	None
ABSTAINED:	None



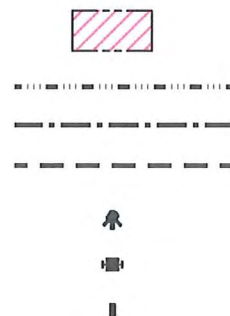
Renee Roberts, Secretary
North Marin Water District

(SEAL)



LEGEND:

- SERVED BY NORTH MARIN WATER DISTRICT
- SCWA KASTANIA PIPELINE
- CITY OF PETALUMA PIPELINE
- NMWD PIPELINES
- FIRE HYDRANT
- MASTER METER
- SINGLE SERVICE METER



NO.	DATE	REVISION		BY		APP.			
NORTH MARIN WATER DISTRICT NOVATO, CALIFORNIA									
SOUTH PETALUMA BOULEVARD NMWD OUTSIDE DISTRICT CUSTOMER									
DES	DR	CH	SCALE	: 1"=1'-0"					
	AC	DM	DATE	: 10/31/11					
APPROVED: CHIEF ENGINEER			SHEET NO.	: 1 OF 1		SHEETS			
R.E. C40936			SERVICE AREA	1	JOB.NO.	0000		NO.001	

7

MEMORANDUM

TO: Board of Directors

November 11, 2011

FROM: Drew McIntyre, Chief Engineer 

SUBJECT: Approve CEQA Consulting Services Contract (Pt. Reyes Water Treatment Plant Solids Handling Facilities) - Leonard Charles & Associates

Z:\Folders by Job No\6000 jobs\6601.32\CEQA\LCA BOD memo re CEQA contract for PRWTP.doc

RECOMMENDED ACTION:

Authorize the General Manager to execute an agreement with Leonard Charles & Associates in the amount of \$16,925 for the Pt. Reyes Water Treatment Plant Solids Handling Facilities CEQA documentation.

FINANCIAL IMPACT:

\$16,925 (included in FY 2011/12 Improvement Projects Budget)

The FY11-12 Improvement Projects budget for West Marin includes preliminary design and permitting for the Pt. Reyes Water Treatment Plant Solids Handling Facilities project (see attached vicinity map). The Pt. Reyes Water Treatment Plant Solids Handling Facilities project consists of the design and construction of plant modifications to separate backwash water solids and eliminate off-site discharge of backwash water. The modifications will include settling and storage tanks, recovery pump system and associated piping and controls.

Staff solicited a proposal from Leonard Charles & Associates to provide the necessary environmental review work for this project (Attachment 1). The attached proposal from Leonard Charles & Associates (LCA) provides the necessary CEQA documentation for this proposed project.

The proposal identifies the consultant's required scope of work to prepare an Initial Study and a Mitigated Negative Declaration. Due to the relatively small contract amount for this work (i.e., less than the District's \$30,000 purchasing policy trigger for solicitation of formal bids/proposals), staff does not recommend incurring the expense of a formal solicitation process for CEQA consultants. Rather, staff believes that LCA is ideally suited for this work demonstrated performance in previous similar water projects for the District.

RECOMMENDATION

That the Board authorize the General Manager to execute an agreement with Leonard Charles & Associates in the amount of \$16,925 for the Pt. Reyes Water Treatment Plant Solids Handling Facilities CEQA documentation.

BID PROPOSAL

**POINT REYES WATER TREATMENT PLANT SOLIDS HANDLING FACILITIES
PROJECT**

CEQA DOCUMENTATION

November 2011

**Prepared for: North Marin Water District
P.O. Box 146
Novato, California 94948**

**Prepared by: Leonard Charles and Associates
7 Roble Court
San Anselmo, California 94960
415.454.4575**

1.0 INTRODUCTION

The following proposal describes the scope of work that Leonard Charles and Associates (LCA) proposes to conduct in order to prepare the Initial Study for the proposed Solids Handling Facilities at the Point Reyes Water Treatment Plant (the "project"). The proposal assumes for pricing purposes that the Initial Study will conclude that the project could be approved with adoption of a Mitigated Negative Declaration (MND), and a scope of work and cost for preparing the MND is also included. The proposed project includes installing a backwash water recovery and recycle tank. The proposal was prepared after reviewing the *Draft Solids Handling Facilities Pre-Design Report* (HydroScience Engineers, Inc., June 2011).

2.0 INITIAL STUDY PREPARATION

LCA will prepare an Initial Study per the requirements of the California Environmental Quality Act (CEQA). The following describes what elements will be included in the Initial Study and what work we will do to complete those elements.

A. Introduction

The Initial Study will begin with an overview of the environment surrounding the project site. We will provide a full description of the project including the site plans and project design provided by NMWD. We will describe the purpose of the project. Finally, we will provide a summary of all impacts as well as the mitigation measures.

B. Environmental Checklist Criteria

We will discuss project impacts per the various impact criteria included in the CEQA Environmental Checklist. The subsections below describe the work for those resource areas where the project may have a significant impact.

Agriculture and Forestry Resources. This section will discuss project impacts to agriculture and forestry resources. The project will remove a small area of hillside and require the removal of five trees. Substantial impacts to agriculture or forest lands are not anticipated.

Air Quality. This section will discuss project impacts to air quality. Project construction would generate small amounts of vehicle-generated pollution; this effect would likely be less than significant. The project would generate dust during construction. We will refer to the Bay Area Air Quality Management District's (BAAQMD) *CEQA Guidelines* and recommend dust control mitigation measures consistent with those guidelines.

Biological Resources. This section will discuss project impacts to biological resources. Our consulting biologist, Charlie Patterson, will conduct a review of the Natural Diversity Data Base to determine special status species possibly present on or near the project site. He will conduct a site survey to determine the presence or likely presence of special status species or sensitive habitats (e.g., wetlands). He will determine whether the project would affect any special status species of plants or animals, wetlands, or

other sensitive habitat or resource. He will assess whether the project would have any direct or indirect adverse effects on Lagunitas Creek. He will confer with the California Department of Fish and Game to determine any concerns or recommendations they may have. If warranted, mitigation measures would be recommended.

Cultural Resources. This section will discuss project impacts to cultural resources. Because the railroad right-of-way is a known historical resource, we will have the firm of Tom Origer & Associates, consulting archaeologists, conduct a field survey and analysis. They will contact the Native American Heritage Commission (NAHC) and appropriate local tribal representatives. They will conduct a field observation of the site. They will prepare a written technical report that will include the results of the Native American contacts, archival research, and field survey of the project area. Primary documentation (DPR 523A) will be completed for any identified cultural resources that could meet criteria for inclusion on the California Register of Historical Resources; however, formal evaluations of any cultural resources are beyond the scope of this set of tasks. It cannot be predicted that formal evaluation of any cultural resource is warranted until after their initial field survey.

Geology/Soils. This section will discuss project impacts to geology and soils. We will incorporate the data, conclusions, and mitigation measures developed by the District's geotechnical consultant. If a geotechnical report has not been prepared by the time we start work, we will recommend standard conditions that must be finalized in the geotechnical report.

Global Climate Change. This section will discuss project impacts to the global climate. We will discuss project emissions of greenhouse gases from construction as well as emissions generated by electrical power producers that produce the electricity required to operate the facility per the significance criteria recently adopted by the BAAQMD.

Hazards and Hazardous Materials. This section will discuss project impacts from hazards and hazardous materials. We will describe how project implementation would entail the use of hazardous materials common to construction projects, such as gasoline. Use of such materials would not be expected to have a significant impact given standard mitigations. We will discuss the potential for spillage of chemicals and sludge and what steps the District will implement to minimize the risk of spillage of these materials during project operation and transport of substances.

Hydrology/Water Quality. This section will discuss project impacts to hydrology and water quality. We will describe the current site runoff pattern to Lagunitas Creek. We will discuss erosion impacts and the potential sedimentation impacts on Lagunitas Creek. We will discuss any changes to the site drainage system and whether these changes would adversely affect flows in the creek. More importantly, we will discuss how the project would reduce emission of pollutants to Lagunitas Creek.

Land Use/Planning. This section will discuss land use and planning impacts. We will assess the project for consistency with policies contained in the Marin Countywide Plan and County zoning. Because the site is within the Coastal Zone we will assess project consistency with the adopted and draft Local Coastal Plan (LCP). The project will be assessed per all LCP requirements. In the case of a conflict we would describe how

water improvement projects need not be consistent with zoning. We will discuss surrounding land uses and whether the project would substantially affect those uses.

Noise. This section will discuss project noise impacts. We will discuss how project construction would generate short-term noise. NMWD will provide us with a list of equipment to be used for construction, the length of time this equipment would be in use, and a construction schedule for the project. We will discuss potential noise impacts on the nearest residences at the Coast Guard Station given typical noise generated by the proposed equipment.

Transportation/Traffic. This section will discuss project impacts to transportation and traffic. NMWD will provide LCA with a construction schedule and an estimate of the number of trips required per phase for workers, supplies, and equipment. We will discuss the impacts of this traffic on the local roads. We will also discuss the effects of hauling sludge on the road system. This assessment will include a discussion of any traffic safety issues involved with project traffic traveling through the housing areas on the Coast Guard Station.

Other Factors. We will provide discussions of all the other factors that need to be addressed in the Environmental Checklist, including aesthetics, mineral resources, population/housing, public services, recreation, and utilities/service systems. It is not expected that the project would have significant effects on any of these resources. However, the Initial Study will provide sufficient information for each Checklist item to support such conclusions.

Mandatory Findings of Significance. We will provide summary discussions to determine whether the project would potentially degrade the environment or have adverse effects on humans. It is expected that the impacts to the natural environment and humans would either be less than significant or less than significant given recommended mitigation measures.

We will assess potential cumulative impacts. This will include a description of other projects proposed in the area (as provided by the County).

3.0 PREPARATION OF DRAFT MITIGATED NEGATIVE DECLARATION AND OTHER CEQA REQUIREMENTS

For proposes of developing a cost estimate, this proposal assumes that the Initial Study will conclude that all potentially significant impacts can be reduced to a less than significant level and that a Mitigated Negative Declaration (MND) would be prepared for the project. In the event that the Initial Study concludes that preparation of an EIR is warranted, this proposal will need to be amended to reflect the additional time and expense for preparing an EIR. The subsections below outline what work will be done to prepare a MND and to complete other CEQA-required tasks.

A. Prepare Draft Mitigated Negative Declaration

Based on the Initial Study, LCA will prepare a Draft Mitigated Negative Declaration. The Mitigated Negative Declaration will include all elements required by CEQA.

B. Mitigation Monitoring Program

LCA will prepare a Mitigation Monitoring Program for the project that will include tasks, timelines and responsible parties. The program will include all elements required by CEQA.

C. Respond to Comments

We will prepare written responses to comments received during the public review period to the degree that those comments are relevant to the Mitigated Negative Declaration.

D. Public Hearings

We will attend two public hearings on the Draft Mitigated Negative Declaration before the NMWD Board. We will respond orally to comments or questions asked at those hearings.

E. Prepare Final Negative Declaration

We will revise the Draft Initial Study and Mitigated Negative Declaration to respond to comments received during the review period.

F. Prepare CEQA Notices

LCA will prepare the following documents:

- The Notice of Availability and Intent (NOI) to Adopt a Mitigated Negative Declaration.
- The memo that will accompany the NOI. LCA will also provide NMWD with a list of agencies to whom the NOI should be sent.
- The Notice of Completion.
- The Notice of Determination (NOD) to be used once the Mitigated Negative Declaration and the project are approved.

4.0 SCHEDULE AND PRODUCTS

Once we are sent a signed contract and are provided the project description the following schedule will apply:

- | | | |
|----|---|---|
| 1. | Submittal of 5 copies of Draft Initial Study and MND | Within 6 weeks |
| 2. | Submittal of one (1) camera-ready copy of the Initial Study and MND | Within 2 weeks of receipt of all NMWD comments on #1 |
| 3. | Completion of NOI | Within 1 week of #2 |
| 4. | Submittal of one (1) camera-ready copy of Final MND and Mitigation Monitoring Program | Within 3 weeks of the close of the public review period |

5.0 STAFF

The following LCA staff will work on this project. Resumes will be provided on request.

<u>Staff Member</u>	<u>Responsibility</u>
Leonard Charles, Ph.D.	Project Manager
Lynn Milliman	Environmental Analyst
Jacoba Charles	Environmental Consultant

Charles Patterson, consulting ecologist, will provide technical assistance in preparing the analysis of project impacts on biological resources. Staff of Tom Origer & Associates will conduct the analysis of impacts to cultural resources.

6.0 PRICE QUOTE

Preparation of Initial Study

Meetings with NMWD Staff	\$ 300
Fieldwork, Analysis, and Report Writing	7,100
Charles Patterson Biological Subconsulting	2,100
Tom Origer & Associates Cultural Resources Subconsulting	1,175
Graphics	400
Word Processing	800
Direct Expenses	250
Subtotal	\$12,125

Preparation of Draft MND

Draft MND	300
Mitigation Monitoring Program	300
Notices	300
Public Hearings (2)	1,200
Response to Comments	900
Final MND	200
Subtotal	\$3,200

Project Management and Administration **\$1,600**

Total for Base Scope of Work **\$16,925**

LCA Hourly Rates

Leonard Charles	\$160
Lynn Milliman	\$140
Jacoba Charles	\$100
Clerical	\$60

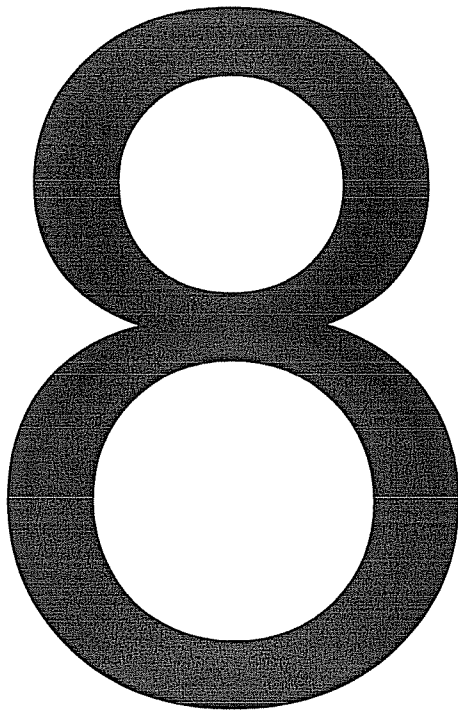
The cost for the two subconsultants are fixed price quotes provided by the two subconsulting firms. This is a not-to-exceed price quote. We will bill the District for the time expended not to exceed the price listed above.

Notes to Price Quote

1. If the project description changes to the degree that analyses must be redone or written parts of the report must be revised after NMWD has provided us the project description and authorized us to start work, then NMWD will agree to compensate us for the additional time required to redo analyses or rewrite portions of the report.
2. If the District elects to hold an environmental scoping meeting, the cost for Leonard Charles to attend would be \$600.

3. If the biological analysis concludes that there are potential special status species of plants on the site whose possible presence can only be determine by follow-up spring surveys, Charles Patterson would conduct an additional survey for \$750.
4. If the California Department of Fish and Game, NMFS, USFWS, and/or the National Seashore require more detailed research about biological resources or effects, and/or require more extensive coordination than initial phone consultations, this would require a budget augment. The price would depend on the level of additional research and consultation the agencies recommend.
4. Tom Origer & Associates scope includes documentation of one cultural resource on the site. If additional cultural resources are discovered there would be an additional cost of \$250 per resource to provide the required documentation.
5. The cost does not include formal evaluations of any cultural resource. If it is determined that such resources may occur on the site, evaluation by Tom Origer & Associates can be arranged as an amendment to the contract.
6. If the Initial Study indicates that an EIR must be prepared, we will negotiate with NMWD regarding the scope of that EIR and its cost. An EIR would be prepared as a revision to this proposal.
7. The Price Quote includes attendance of Leonard Charles at two public hearings. Leonard Charles will attend additional public hearings at a cost of \$600 per hearing.
8. Printing services can be provided If the District wishes. The cost will be an additional \$15 per copy for the Initial Study/MND.
9. The District is responsible for all costs of mailing documents.
10. The quoted cost for preparing written responses to comments is based on expending up to 10 hours responding to comments. If extensive comments are received that require expenditure of more than 10 hours to respond to, then we will notify the District. Additional response time would be approved as an amendment to this contract.
11. In addition to the amendments described above LCA will not be responsible, under the basic Price Quote, for any of the following tasks:
 - A. Color mapping
 - B. Geologic subsurface explorations or geologic analysis by a professional geologist, geological engineer, or engineering geologist
 - C. Field sampling for air or water quality
 - D. Quantitative air quality analysis
 - E. Noise analysis by an acoustic engineer
 - F. Quantitative hydrologic analysis;

- G. Use of planimetry techniques, photo montage, or artistic renderings in the visual analysis
 - H. Level 1 or higher investigations for toxic materials
 - I. Engineering design of hydraulics or project drainage facilities
 - J. Analysis by a registered traffic engineer
12. We will bill the District on a monthly basis. Payment is due within 30 days of billing.



MEMORANDUM

To: Board of Directors
From: Chris DeGabriele, General Manager *CD*
Subject: Board of Directors Planning Workshop

November 11, 2011

T:\GMBOD Misc 2011\planning workshop date memo.doc

RECOMMENDED ACTION: Board Schedule a Planning workshop at a date and time acceptable to the Board majority.

FINANCIAL IMPACT: \$500

About every two years, the Board holds a planning workshop. Staff had proposed that this year's workshop be held at the regularly scheduled January 3, 2012 meeting; however the Board felt that a special meeting was more appropriate to concentrate on workshop activities. The District Secretary has circulated a date and time to determine if Board members are able to attend. Director Fraites advised that the prospective date, January 10 from 8:30 to 1 p.m. conflicts with the first Marin County Board of Supervisors meeting for the New Year wherein new board officers are installed and a full agenda is before that board. Director Fraites suggested a weekend, Directors Rodoni and Baker advised that a Saturday would work for them; Director Petterle advised that he can't do weekends and that a daytime meeting during the week or a Monday or Tuesday evening would work.

Options for the Board to consider are:


1. A Saturday meeting on January 7th
2. An evening meeting on Tuesday, January 10th
3. A daytime meeting on Wednesday, January 11th

RECOMMENDATION

Board select day and time to hold the Board Planning Workshop.

9

MEMORANDUM

To: Board of Directors
From: Pablo Ramudo, Water Quality Supervisor 
Subject: First Quarter FY 11/12 – Water Quality Report
P:\LAB\WQ Supv\WQ Reports\2012\1st Qtr FY12 WQ Rpt.doc

November 11, 2011

RECOMMENDED ACTION: Information
FINANCIAL IMPACT: \$0

The water served to the communities of Novato and Point Reyes met federal and state primary and secondary water quality standards during the first quarter of fiscal year 2011-2012.

Following is a review of the activities and water quality issues in regards to:

- Source Water
- Treatment Performance
- Distribution System Water Quality

NOVATO SYSTEM

Source Water: Stafford Lake

Stafford Lake water was used as a source of drinking water throughout the quarter. Water quality was monitored on a weekly basis for chemical and mineral components as well as microbiological activity.

Algae from the raw water intake were identified and enumerated. Diversity of algal species recorded was very high. Thirteen species of algae were dominant throughout the quarter in high numbers including several species of cyanobacteria, green algae and diatoms. Many of these dominant algae that were present in Stafford Lake are capable of causing taste and odor problems.

In the last week of August a significant drop in dissolved oxygen began to occur from about ten feet below the surface and down. These anoxic conditions caused manganese and other metals from lake sediments to dissolve and rise in the water column. Two possible factors for creating these conditions were lower than normal wind conditions and an ineffective arrangement of our Solar Bee mixers. Operations staff worked quickly to try and return oxygen levels to more normal levels with limited success. The Solar Bee mixers were rearranged and reconfigured and an air compressor was connected to the old, abandoned aeration system to try and force more rapid mixing between the deeper parts of the lake and the surface. Conditions eventually returned to normal in late October.

Anoxic conditions may return in the future. We have relatively little control in managing these conditions with current nutrient loading. Ultimately- drastically reducing the nutrient and sediments that enter the lake from agricultural activities on the watershed is the only means of really eliminating factors that can lead to anoxic conditions.

Treatment Performance: Stafford Treatment Plant

Total organic carbon (TOC) removal remained above the requirement of the Enhanced Surface Water Treatment Rule. Operators were able to achieve from 60-67% removal throughout the quarter. Finished water TOC concentration was at or near the districts goal of 2.0 mg/L, ranging between 2.0 and 2.4 mg/L. The majority of TOC removal was accomplished through optimized coagulation and filtration.

During the period of anoxic water in Stafford Lake in the latter half of the quarter, primary oxidation with chlorine dioxide at our highest practical dose concentration was insufficient to meet the oxidant demand from dissolved metals. Operators were able to add a feed line for liquid chlorine injection to increase the oxidation rate in the mixing basin to meet the oxidant demand. Disinfection byproducts (DBPs) may have increased from this additional chlorine. However, the granular activated filters (half of which had fairly new carbon replaced in June) were effective in removing some of the DBPs in addition to removing more of the TOC precursors.

Distribution System: Novato

Of the 242 samples collected for compliance with the Total Coliform Rule- there were no coliform positive samples this quarter. Chlorine residual concentrations throughout our distribution system were good.

Disinfection byproducts were low for the quarter and well within standards of the Stage 2 Disinfection By-Product Rule.

Despite the presence of algae capable of affecting taste and odor in our raw water, there was no increase in the number of taste and odor complaints attributable to Stafford water throughout this quarter.

POINT REYES SYSTEM

Source Water: Coast Guard Wells

Raw water quality was good throughout the quarter. The production problems caused by the deteriorating wells continued to hamper our attempts to minimize salinity intrusion through tide avoidance pumping practices. Water quality parameters affected by salt water intrusion increased throughout the quarter. The sodium concentration ranged from 37-51 mg/L, chloride ranged from 16-95 mg/L, hardness ranged from 97-152 mg/L, and bromide ranged from 0.16-0.35 mg/L.

Permitting and planning activities have been started to add a new production well in the vicinity of the existing well field. We have been advised by the department of public health that we will need to determine if water produced by the new well is under the direct influence of surface water. If we produce water for distribution from this new well prior to making the determination we will need to comply with surface water treatment standards which will require increased chlorine and may result in higher DBP concentrations.

Treatment Performance: Point Reyes Treatment Plant

Treatment was optimal throughout the quarter and water quality in general was good. Iron and manganese were not detected in treated water. We do not currently have any treatment capabilities to reduce or remove constituents related to salt water intrusion.

Distribution System: Point Reyes

Of 23 routine samples collected there were no coliform positive samples this quarter. Chlorine residual concentrations throughout our distribution system were good.

In mid August NMWD began to provide notice to our customers of salinity intrusion after Sodium concentration rose above 50mg/L.

Due to exceedance of the Maximum Contaminant Limit (MCL) for Total Trihalomethanes (TTHMs) at one monitoring location in August 2009 and February 2010, the District continues to be required by the California Department of Public Health (CDPH) to conduct increased monitoring for TTHMS in the Point Reyes system. The concentrations of TTHMs in samples collected during this quarter were moderate and within standards. It is likely that with rising concentrations of bromide in raw water DBPS will have increased and will result in higher concentrations in the 2nd Quarter.

A pilot treatment system has been installed at the Inverness Park Tanks to reduce DBPs in the areas of the distribution system with the highest water age and chlorine contact. This effectiveness of this system will be evaluated in the coming year and results will be presented to the Board in the future.



**NORTH MARIN
WATER DISTRICT**

North Marin Water District- 1st Quarter FY2011 /2012

Bacteriological Quality Monitoring

Novato: 242 Samples Analyzed. No samples positive for coliform bacteria
 Point Reyes: 23 Samples analyzed. No samples positive for coliform bacteria.

Chemical Quality Monitoring

Constituent	Units	Maximum Contaminant level	SCWA North Marin Aqueduct	Stafford Treatment Plant	Point Reyes Treatment Plant
Conductivity	umhos/cm	900 *	283	356	406
TDS	mg/L	500 *	169	187	220
Hardness	mg/L	-	111	96.4	93.3
Alkalinity	mg/L	-	133	84.7	107
Calcium	mg/L	-	22.5	19.7	17.0
Magnesium	mg/L	-	13.2	12.0	13.7
Copper	mg/L	1.0*	ND	ND	ND
Iron	mg/L	0.3*	ND	ND	ND
Manganese	mg/L	0.05 *	ND	ND	ND
Zinc	mg/L	5.0 *	ND	ND	ND
Sodium	mg/L	-	19	32	49
Chloride	mg/L	250 *	6.45	57.2	56.6
Sulfate	mg/L	250 *	12.0	6.02	12.0
Fluoride	mg/L	2.0 (1.4-2.4)	0.101	0.131	0.0892
Nitrite as N	mg/L	1.0	ND	ND	ND
Nitrate as N	mg/L	10	0.118	0.153	0.0731
pH	pH units	8.5 *	8.59	8.29	7.23
Turbidity	NTU	5	0.09	0.27	0.06
Color	PCU	15	<2.5	<2.5	<2.5
Free Chlorine	mg/L	4.0	0.65	1.49	0.48
Total Chlorine	mg/L	4.0	0.68	1.65	0.63
Temperature	° C	-	20.8	20.6	17.7
Odor	TON	3	<1	<1	<1

*Indicates secondary drinking water standard

ND = Not Detected
 NA = Not Analyzed

10

MEMORANDUM

To: Board of Directors

November 11, 2011

From: Ryan Grisso, Water Conservation Coordinator *RG*

Subject: Water Conservation Quarterly Update (July-September 2011)
\\Nmwdsrv1\water conservation\Memos to Board\Quarterly Reports\Water Conservation FY 2011_2012 QTR1 Summary Report.doc

RECOMMENDED ACTION: Information

FINANCIAL IMPACT: None

Water Conservation:

This memo provides an update on all water conservation activities implemented during the first quarter of Fiscal Year 2011/2012 (FY 12). The District Water Conservation and Public Outreach Programs are operating according to the Water Conservation Master Plan approved in June 2008. Water Conservation participation numbers for the first quarter of the current and previous two fiscal years are summarized in Table 1 below.

Table 1: Water Conservation Program Participation (July through September)

Program	FY 12	FY 11	FY 10
Water Smart Home Surveys	115	88	107
Water Smart Commercial Surveys	1	13	29
High Efficiency Toilet Rebates (Residential)	64	163	166
High Efficiency Toilet Rebates (Commercial)	2	7	10
Retrofit on Resale (Dwellings Certified)	69	60	92
High Efficiency Washing Machine Rebates	76	105	104
Cash for Grass Rebates	18	17	39
Water Smart Landscape Rebates	4	8	10
Smart Irrigation Controller Rebates (Residential)	0	0	2
Smart Irrigation Controller Replacement (Commercial)	0	0	0
Swimming Pool Cover Rebates	0	0	1
New Development Sign-offs (Residential)	3	8	39
New Development Sign-offs (Commercial)	6	6	3
Large Landscape Audits (measured by number of meters)	0	0	8
Large Landscape Budgets (measured by number of accounts)	430	430	357

Water Conservation program participation has remained consistent this year compared to last fiscal year, though participation in the High Efficiency Toilet (HET) Rebate Program has declined, likely due to the reduction in rebate value (from \$150 down to \$75), and Water Smart Home Survey participation has increased. Detailed Water Conservation Program summaries on each of the programs will be provided to the Board in the Water Conservation Mid-Year Report.

The District was awarded a Prop 84 Grant (\$183,750 allocated to the District), in cooperation with the Sonoma County Water Agency (SCWA) and other Bay Area Agencies, which will help fund HET rebates, Cash for Grass rebates, Smart Controllers, Clothes Washer rebates, and a Commercial Direct Install HET Program. The District will have to enter into a funding agreement with SCWA to receive these funds, so more details regarding the grant and programs eligible to be funded under the grant will be brought back to the Board at a later date. The grant is expected to begin funding on January 1, 2012.

Public Outreach and Conservation Marketing

In the Water Conservation Master Plan 2008, the District committed to continuing a comprehensive outreach program aimed at alerting customers to water supply issues and water conservation programs. In the first quarter of FY 12, the District staffed a booth at the Novato Farmer's Market and planned the Fall 2011 "Water Line", that was subsequently mailed in October 2011. District staff has also implemented an extensive direct outreach program to future recycled water users in both the North and South Service Areas.

Budget

Table 2 summarizes the first quarter expenditures between the three fiscal years for (July-September).

Table 2: Water Conservation and Public Outreach Expenditures (July-September)

	FY 12	FY 11	FY 10
Total Budget	\$400,000	\$500,000	\$500,000
July-September Expenditures	\$71,679	\$97,227	\$131,047

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MEMORANDUM

To: Board of Directors

November 11, 2011

From: Brad Stompe, Distribution and Treatment Plant Supervisor 

Subject: Summary of Stafford Lake Fish Survey

OPS SUP\Distribution Operator File\BRAD\Memos\Stafford Fish Survey memo to Board 11-9-11.doc

RECOMMENDED ACTION: Information only

FINANCIAL IMPACT: None at this time

An electroshock fish survey was conducted at Stafford Lake during the evening of August 18, 2011 with the assistance of the Sonoma County Water Agency electroshock boat and crew of three headed by Shawn Chase. Marc Reischmann and I filled out the crew from NMWD. The survey was conducted after dark (7 PM to midnight) to maximize results because the sampling occurs along the shoreline in ten feet of water or less.

I have included three sheets of graphs summarizing the data collected from the survey. The species of interest are largemouth bass, redear sunfish, bluegill, channel catfish and black crappie. The bass and redear sunfish were planted after the lake was drained in 1986. The channel catfish were planted by NMWD and the Department of Fish and Game in two separate plantings in 2009. The bluegill and crappie were planted by unknown sources.

The bass population (which is the primary game fish in the lake) decreased from 2003 to 2007 with an upswing between 2007 and 2011. Sheet 1 shows a downward shift in size of bass with a high number of young fish which indicates good bass fishing in two years for catchable size fish.

Sheet 1 also shows a comparison of redear sunfish surveyed in 2007 and 2011, showing a decrease in sampling frequency and an alarming absence of young fish (less than 125 mm).

Sheet 2 shows a dramatic drop in number of bluegill while the opposite trend has occurred with crappie.

Catfish are typically not well represented in this type of sampling because of their nature to hang close to the bottom often in deeper water. However, we were pleased to have captured four catfish that ranged in weight from 8 to 14 pounds.

Summary:

The data indicates an overall drop in bass population including catchable size bass (~230 mm). This confirms complaints by local fishermen of poor fishing for the last two years. The good news is a large recruitment of small bass that should provide for good fishing in about two years.

Redear sunfish and bluegill populations are down while the crappie population has exploded. There is likely a correlation here that does not bode well for bluegill and redear. If the crappie continue to grow, there will be an excellent crappie fishery in about two years. The question will be whether they will have a negative impact on the long-term bass population and overpopulate resulting in stunted fish too small for quality recreational fishing.

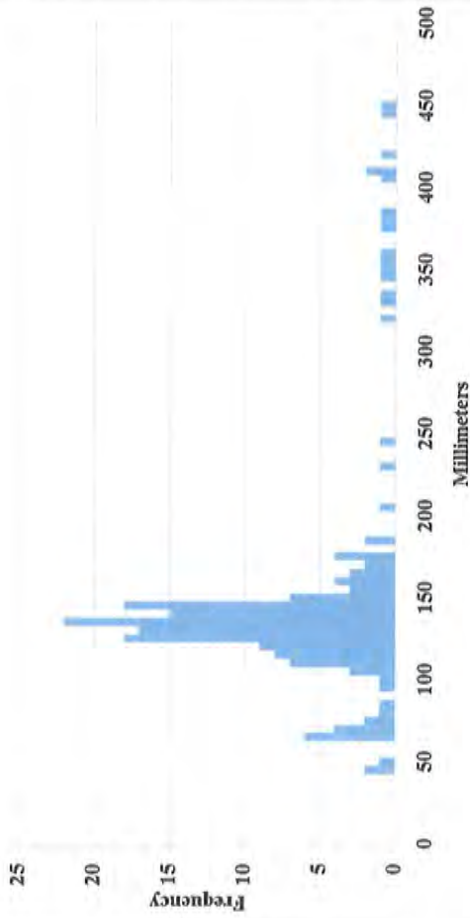
Statistical data of the survey will not be available from SCWA until the end of September but I can make some general statements on the results of the survey based on my observations. The number of catchable size bass (12" or larger) appeared down from the last survey, though there were some decent sized bass (estimated at 3-4 lbs.) that showed up and even larger ones that we saw but were unable to capture. There were many small bass sampled which shows good reproduction and survival and should result in improved fishing in a couple of years.

One species of interest that does not show up well with this type of survey is catfish. I had hopes of finding a few to give us an idea of the growth rate and size of the fish that had been planted. We ended up sampling about four catfish with estimated weights ranging from 8-14 lbs. We did not sample any juvenile catfish which has me concerned that they may not be reproducing as hoped. I am very pleased with the size and condition of the catfish which should provide for excellent fishing opportunities.

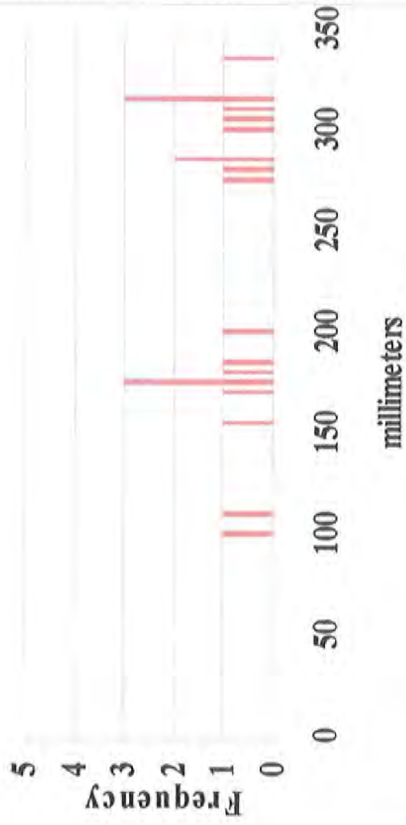
Large adult redear sunfish had a good showing but young fish were scarce. A possible reason for this may be due to the surprising explosion in population of black crappie. This is a species that was illegally introduced to the lake and had shown up in very small numbers in the last survey. The vast majority of the crappie sampled were 1-2 year old fish (3-4") and if they don't overpopulate and stunt, will reach catchable size in about two years. Crappie co-exist with bass and bluegill/redear sunfish in other warm water fisheries such as Nicasio Reservoir and Lake Sonoma so there is hope that a balance can be reach in Stafford Lake. Crappie were not originally introduced due to their propensity to over-populate like bluegill resulting in stunted size and outcompeting other game fish for resources. Another survey in two years should tell us which direction our fishery is headed both in terms of increased numbers of catchable size bass and numbers and size of crappie.

Stafford Lake fish survey comparison, 2011 vs 2007

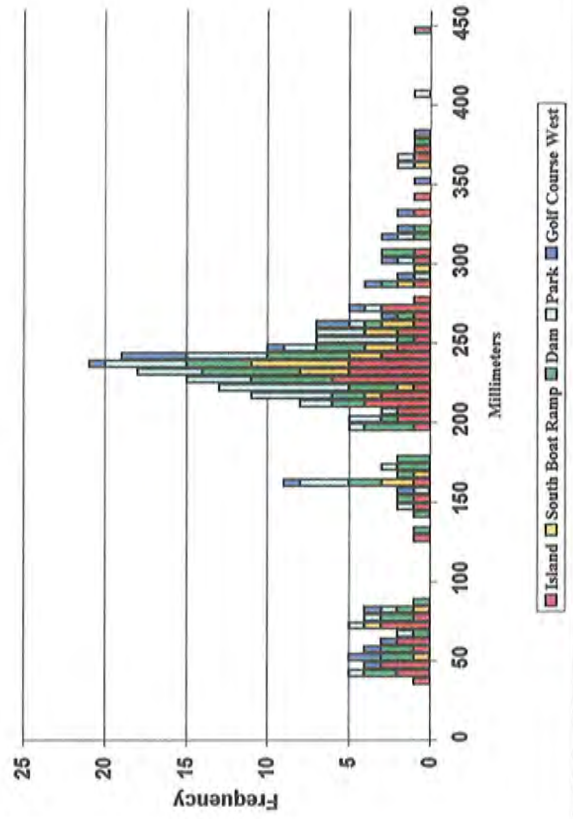
Largemouth bass, August 2011



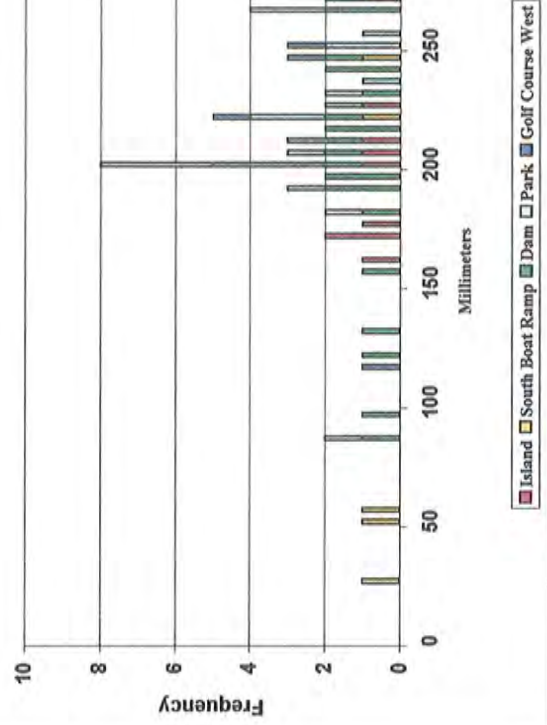
Redear sunfish, August 2011



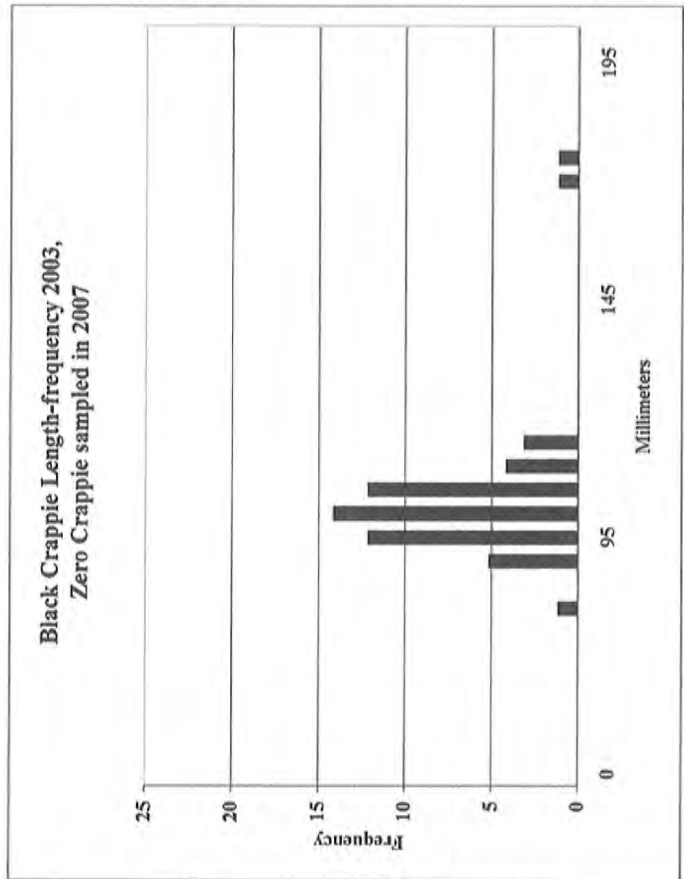
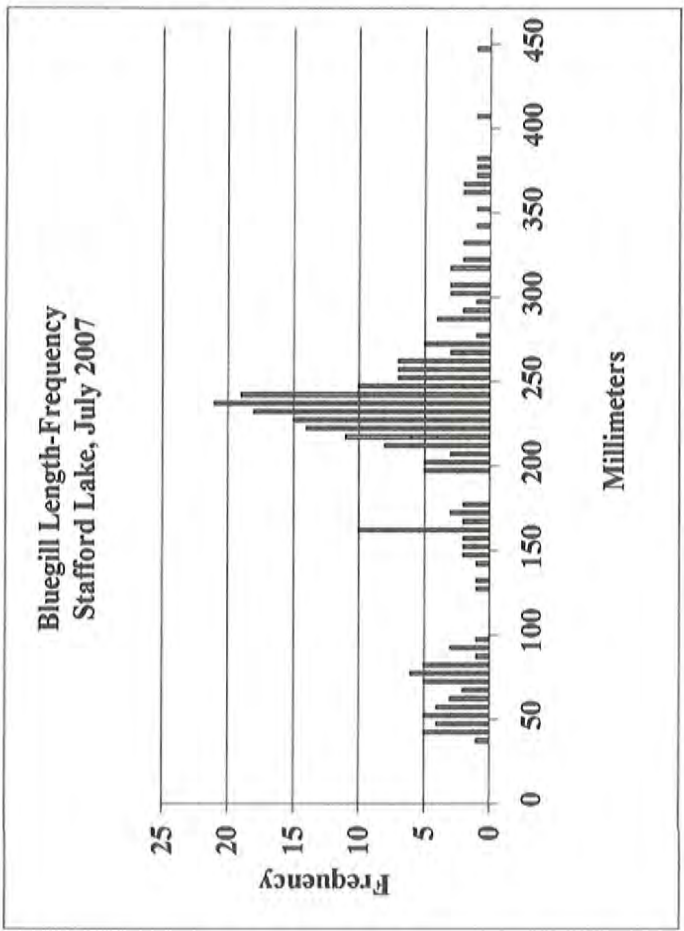
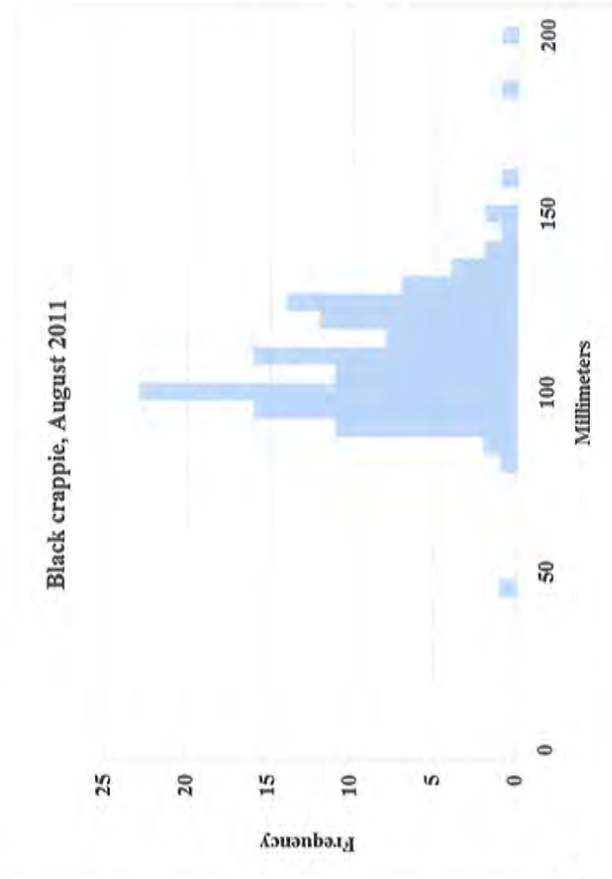
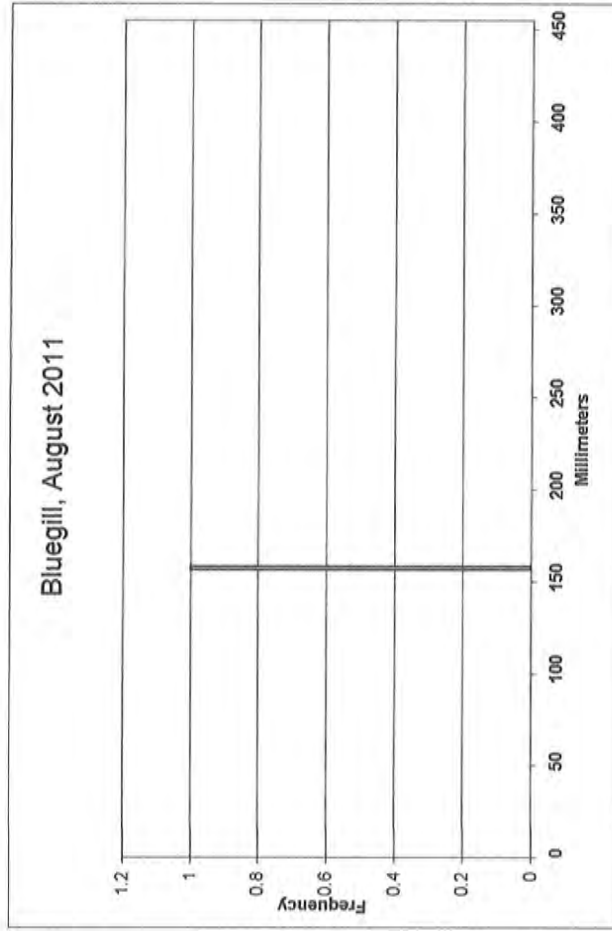
Largemouth Bass Length-Frequency, July 2007
Stafford Lake



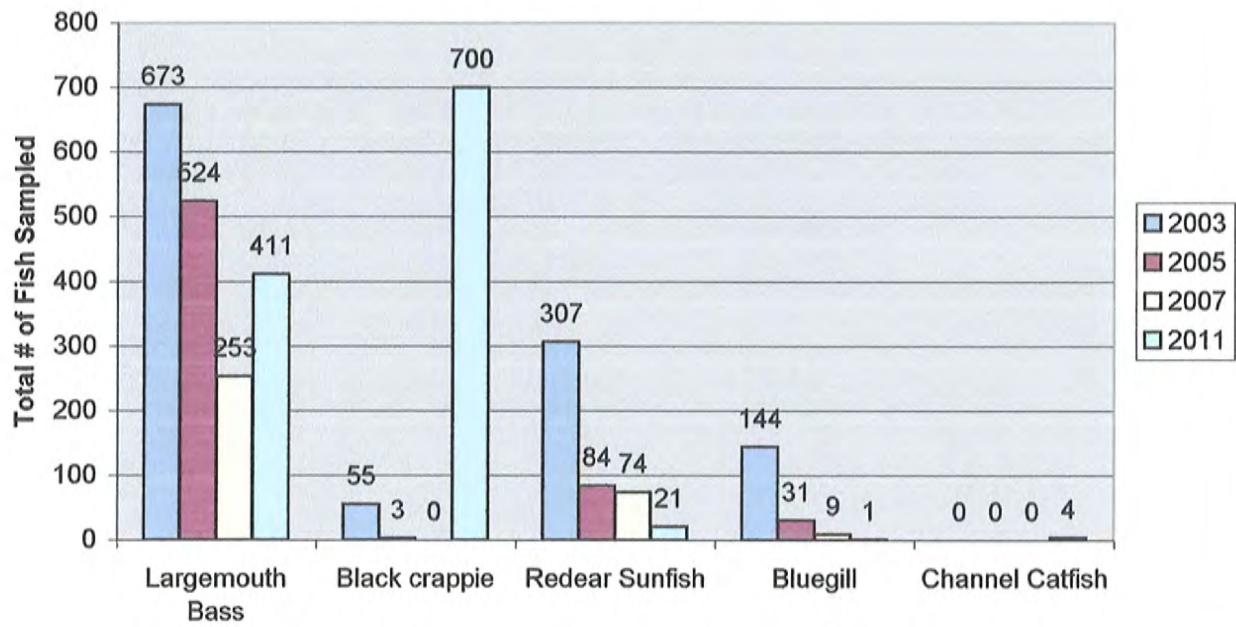
Redear Length-Frequency, July 2007
Stafford Lake



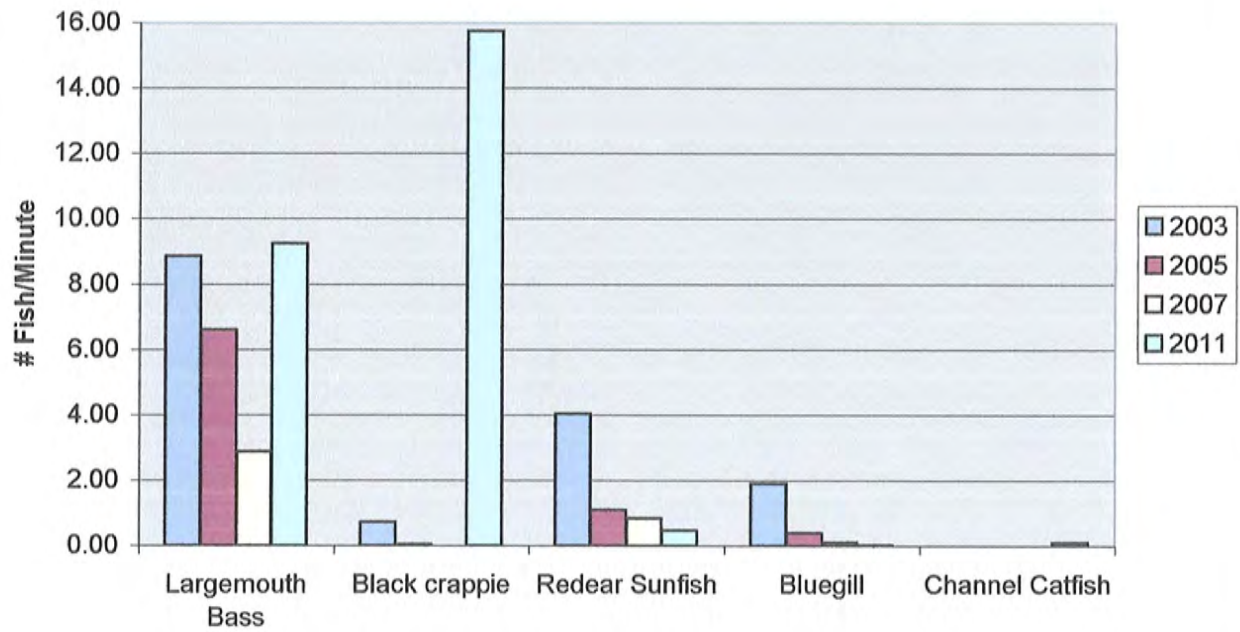
Stafford Lake fish survey comparison, 2011 vs 2007



Relative Abundance By Year




Catch Per Unit Effort



12

MEMORANDUM

To: Board of Directors
From: Chris DeGabriele, General Manager 
Subject: Service Connection Credit
T:\GM\BOD Misc 2011\connection fee credit memo.dot

November 11, 2011

RECOMMENDED ACTION: Information only

FINANCIAL IMPACT: None at this time

At the November 1, 2011 meeting, the Board approved a Water Service Agreement for the Chipotle Mexican Grill at 880 DeLong Avenue. The project will renovate an existing building, most recently a Starbucks Restaurant, and require new water service facilities, principally for fire protection, plus pay additional connection fees for increased water demand of two equivalent dwelling units (EDUs). The project was credited two EDUs for the existing service based on historical water use during the first ten years of the water service installation.

At the November 1 meeting, Director Rodoni requested that the policy for crediting service connections be revisited. Director Rodoni had previously asked that this be investigated, and the Board received information in September 2005 on this topic. Minutes of the September 20, 2005 meeting and the memo information from legal counsel and 2005 credit analysis are attached.

While additional information must be developed to address an appropriate and legal way to affect an equitable credit, some adjustment in our current practice can be considered. Staff will conduct additional investigation and come back at a future date for review of alternates and a recommendation.

INFORMATION ITEMS:

SERVICE CONNECTION CREDIT

Mr. DeGabriele stated that Director Rodoni asked for explanation on the District's practice for new development occurring on land which has previously been served by the District to fully credit the current meter charge, reimbursement fund charge and facilities reserve charge (FRC) for existing service. He stated that legal counsel found no guidance in state statutes and that staff reviewed Public Utilities Commission General Order 96-B and found the order is silent on application or credit for existing service where expansion occurs on properties already served. He said that staff addressed Director Rodoni's concern of equity to fully crediting an applicant, and an analysis was done by the Auditor-Controller comparing the FRC charge in 1985 versus current FRC charge. He said that that formula shows that a FRC charge in 1985 was \$985 and after using the Auditor-Controller's formula based on investment income on District treasury plus water bond payments, the credit value in 2005 is \$5100.

Director Rodoni thanked staff for investigating this topic and that the Auditor-Controller's formula helps to explain how the calculation is made and he stated that it seems odd to get current value on something that is thirty to forty years old.

Mr. DeGabriele said that more research on this subject can be conducted with other agencies, however, this is not staff's highest priority.

MEMORANDUM

September 16, 2005

To: Board of Directors
From: Chris DeGabriele, General Manager *CD*
Subject: Service Connection Credit
\\server\Administration\GM\2005 Misc\Service Connection Charge BOD Memo.doc

RECOMMENDED ACTION: Information only
FINANCIAL IMPACT: None

Historically, the District's practice for new development occurring on land which has previously been served by the District has been to fully credit the current meter charge, reimbursement fund charge and facilities reserve charge (FRC) for the existing service. This practice is substantiated by District Regulation 3.b.2 (Change of Service Connection, Enlargement, Attachment 1). This language has been included in the regulation since its inception. Director Rodoni has asked that staff review this practice, voicing concern that existing connections may be receiving more value than was originally paid for and the full credit may not be currently equitable.

Legal counsel was asked to review state statutes, case law and other agency practices for guidance. Bob Maddow's letter documenting that review is attached (Attachment 2). Mr. Maddow advises that no direct guidance is found in state statutes nor does case law directly relate to this issue. He does advise that three prominent East Bay water districts handle the issue similarly to North Marin.

Additionally, staff reviewed the California Public Utilities Commission General Order 96-B (Standard Practice for Collecting and Processing User Connection and Facilities Fees) which enables collection of said fees for additional service connection to existing premises and for increases in size of service connection to existing premises due to change in use. The order is silent on application or credit for existing service where expansion occurs on properties already being served.

To address Director Rodoni's concern of equity in conveying full credit to existing services, I've asked the Auditor-Controller to prepare an analysis of equivalent dwelling unit FRC charge in 1985 versus current. The analysis (Attachment 3) shows that the EDU definition (average day peak month demand in gallons per day) has decreased by approximately 20% over that period. Annual consumption has increased slightly (3.6%). The escalated value of an FRC charge paid in 1985 brought to present value with NMWD treasury returns and considering the water bond taxes paid on the improved property would total \$5100 as compared to the present FRC charge (\$8600). It is

noted that our FRC calculation identifies all necessary improvements for planned new development divided by number of equivalent units anticipated in new development pursuant to City of Novato and County of Marin general plans. Staff recognizes that the denominator in this equation (planned new development) continues to decrease as Novato becomes more and more built out.

One option to address the possible equity issue would be to credit existing services installed prior to 1985 only for \$5100 value. The 1985 date is used in the calculation only because that data is readily available electronically to enable the calculation to be prepared. Staff has determined that the District's switch from a connection charge based on meter size to that based on equivalent dwelling unit definition occurred circa 1973. Additionally, the District Regulation 4 identifies a date of April 7, 1962 which grandfathered multiple dwellings to be served from a single service connection. Thus, either a 1962, 1973 or 1985 date can be used to establish the credit value. Staff is concerned, however, that any move away from full credit be carefully considered by the Board since, as Bob Maddow's letter states: "...customer arguably is deemed to have paid for his share of water system capacity when he paid the charge in effect when existing service was established, he may be able to raise a serious equitable or legal question if the District now attempts to collect current FRC for continuation of the original service."

**NORTH MARIN WATER DISTRICT
REGULATION 3**

CHANGE OF SERVICE CONNECTION

a. Relocation

The District will relocate its facilities when requested to do so by the consumer provided such relocation is acceptable to the District and upon payment to the District of the following minimum charges:

- | | |
|---|----------|
| (1) Relocation of service not requiring a new connection to the main: | \$425.00 |
| (2) Relocation of service lines requiring a new connection to the main shall be made upon advance payment of the District's Service Line Charge in accordance with Regulations 1.c. | |
| (3) Raising or lowering meter or box for consumer convenience: | \$225.00 |

The foregoing charges shall apply in all cases where they reasonably reflect the District's costs of performing the relocation requested. These charges may be increased or decreased if the District's actual costs of doing the work vary appreciably from these rates.

b. Enlargement

Enlargement of meter and service connection will normally require construction of a new service line. Enlargement of a meter and service connection will be made by the District on the following conditions:

- (1) The consumer or his authorized agent files an application therefor in accordance with Regulation 1.a.
- (2) Advance payment of the cost of a new service in accordance with District's Regulation 1.c. as applicable. The consumer pays the initial charges for service applicable to such enlarged meter and service connection as provided in Regulation 1.c., from which shall be deducted the current meter charge, reimbursement fund charge and facilities reserve charge applicable to the meter and service line replaced.

c. Downsizing - 1-inch to 5/8-inch

Charge for downsizing meter: \$55.00

BOLD, POLISNER, MADDOW, NELSON & JUDSON

A PROFESSIONAL CORPORATION

ROBERT B. MADDOW
CARL R. A. NELSON
CRAIG L. JUDSON500 YGNACIO VALLEY ROAD, SUITE 325
WALNUT CREEK, CALIFORNIA 94596-3840FREDERICK BOLD, JR.
(925-2003)

TELEPHONE (925) 933-7777

TELEFAX (925) 933-7804

E-MAIL bpmnl@prodigy.net

September 15, 2005

**VIA TELEFAX
415 892-8043**Chris DeGabriele, General Manager
North Marin Water District
999 Rush Creek Place
P.O. Box 146
Novato, CA 94948Re: Facilities Reserve Charge

Dear Mr. DeGabriele:

You asked for advice concerning how to handle a situation like the following hypothetical: An existing water customer has a single water service for a five-acre parcel. The customer obtains land-use approval from the City or County to subdivide the parcel into five one-acre residential lots. Should the customer pay a new facility reserve charge (FRC) for each of the five lots, or only for the four newly created lots? Under current NMWD regulations, the customer would receive a credit for the existing service and would pay a new FRC for each of the four newly created lots.

We have not found any statutory authority that provides direct guidance. As you know, the County Water District Law has only the general rate-making authorization found in Water Code § 31025: "The district shall fix and through the general manager collect the rates." The statute that is most relevant is one that offers general guidelines on connection fees: Government Code § 66013 provides that fees by local agencies for water connections must not exceed the estimated reasonable cost of providing such services. Case law has established guidelines on what can be included in such fees, but not on the issue you have raised.

We have reviewed regulations of several other utilities to ascertain how they would charge connection fees in this case. We particularly looked at Contra Costa Water District, because it too is a county water district. We also looked at East Bay Municipal Utility District, and Dublin San Ramon Services District (a community services district). Under their current regulations, none of these three agencies would impose an additional FRC to the customer who subdivides land upon which a connection already exists – i.e., only four FRCs would be required. EBMUD regulations provide for a full credit. CCWD offers a credit based on the capacity of the original meter in relationship to the capacity to be used for the new service (e.g., if the original meter were 5/8", a full credit would be allowed and FRCs would be charged for the other four

BOLD, POLISNER, MADDOW, NELSON & JUDSON

Chris DeGabriele
September 15, 2005
Page 2

meters; if the original meter were a 1" meter and each of the five new services will be 5/8" meters, CCWD would deduct the current FRC for a 1" meter from the total cost of five FRCs for 5/8" meters). DSRSD's regulations do not directly address the case, but under District practice only four FRCs would be charged.

From an analytical perspective, the current NMWD regulation appears to be based on cost-of-service principles. If the original service would be unchanged, no new costs would be incurred. If the service needs to be relocated or the service lateral/meter size reduced, it would appear that provisions of the District's regulations calling for the customer to pay the actual costs of such work would be relevant. However, since the customer arguably is deemed to have paid for his share of water system capacity when he paid the charge in effect when existing service was established, he may be able to raise a serious equitable or legal question if the District now attempts to collect the current FRC for continuation of the original service.

Please feel free to contact me if you have further questions.

Very truly yours,



Robert B. Maddow

RBM:jlh

Credit for Connection Fee Paid 1985

9/1/2005

\\server\administration\lactexcel\fr\cr for fees pd calc.xls\sheet1

Statistics

	<u>1985</u>	<u>2005</u>	
EDU Definition (avg day pk mo gpd)	800	636	} don't add value to calc
Annual Ccf (Urban Area Water Cost Comparison)	168	174	
CPI (SF All Urban Consumers CPI-U)	108.4	201.2	
ENR Index (San Francisco CCI)	5,055.0	8,259.2	
SF Assessed Value (Urban Area Water Cost Comparison)	\$96,000	\$318,000	
FRC Charge	\$985	\$8,600	
Mean SF Home MV (Marin Co Assessor)	\$224,000	\$800,000	
NMWD Treasury (20 Yr Avg Annual Rate of Return)		5.96%	
Tax Rate/\$100 AV	0.025		
Annual Water Bond Tax (1985 Rate X SF MV)	\$56		
FRC Value (Compounded w/NMWD Treas Returns 86-05)	\$3,134		
Cumulative Water Bond Tax (\$38/yr Compounded)	\$1,995		
Value in 2005 Dollars	<u>\$5,129</u>		

say \$5,100 Credit Value

13

MEMORANDUM

To: Board of Directors
From: Chris DeGabriele, General Manager 
Subject: Water Advisory Committee – November 7, 2011
T:\GM\SCWA\WAC Agenda and Minutes\2011\CD Notes 110711.doc

November 11, 2011

RECOMMENDED ACTION: Information Only

FINANCIAL IMPACT: None

Agenda attached.

2. Public Comment

During Public Comment two members spoke regarding a perceived conspiracy alleging that sustainable development promoted through the United Nations Agenda 21 is an attempt to control local governments and suggesting that the International Biodiversity Convention and the Wildlands Project and the contrails left by overflying aircraft are attempts to restrict property rights and contaminate our environment and water supply (attached).

3. Recap from the August 1, 2011 WAC/TAC Meeting and Approval of Minutes

The minutes were approved as mailed (attached).

4. Recap from the October 3, 2011 TAC Meeting and Approval of Minutes

The minutes were approved with one typographical edit (attached).

5. Water Supply Coordination Council

The summary of the October 19, 2011 Water Supply Coordination Council meeting was reviewed (attached).

6. Draft Water Supply Strategies Action Plan Update

Jay Jasperse made a PowerPoint presentation summarizing the changes in the 2011 update to the Water Supply Strategies Action Plan relative to the 2010 Plan. He advised that the 2011 Plan includes a 10-year summary of water supply and reliability projects and the benefits and funding sources of immediate actions identified in the strategy plan. The WAC was asked to provide comments to Ann DuBay at SCWA by November 21st. SCWA plans to take the strategy update to their Board of Directors in December. An Executive Summary of the 2011 Plan was included with the Agenda distribution (attached). There was a lot of discussion about Water Supply Strategy 2, Improve Management of Russian River to Protect Fisheries and Meet Water Demands; especially about Immediate Action 3, to form an independent science review panel to evaluate existing data and develop a conceptual model regarding the hydrologic system upstream of the confluence of Dry Creek and the Russian River. Friends of the Eel River are particularly interested in participating in such science review panel. It's not yet known how this panel may be formed or what their charge may be, but additional participation by the Water Contractors is likely necessary.

7. Draft SCWA Long Range Financial Plan Process

Spencer Bader made a PowerPoint presentation explaining the process to develop SCWA's long range financial plan and identified that a 3% per year escalator for O&M costs is included in the model and that the water contractors are currently looking at the

listing of projects to be funded over the next 30 years, including projects for the Biological Opinion, local hazard and mitigation projects and water supply/transmission system projects. The TAC was requested to put the project lists on the website or make them available to all of the WAC/TAC distribution. SCWA has been reluctant to disclose the model results. The WAC asked that a demonstration be made since it would be helpful to inform the discussion among the WAC members. SCWA advised they are willing to do so individually but hesitant to provide the prospective resulting rate implications.

8. SCWA Allocation Model & Rate Study

Jay Jasperse informed the WAC that Brown & Caldwell has been hired to update the Allocation Model and to prepare a summer/peak allocation model all consistent with Section 3.5 of the Restructured Agreement. It's expected that these will be available by next summer. Jay also advised that SCWA is soliciting qualifications from consultants to assist with a rate study which would evaluate the opportunities for rate modifications within the confines of the Restructured Agreement and what alternate rate models may be available to maintain revenue stability.

9. SCWA Water Supply/Transmission System Operations Status

Mike Thompson advised that SCWA had just completed participating in a table-top exercise with Marin Municipal, North Marin and Department of Public Health on emergency response under a large earthquake scenario. He advised that a larger exercise will be conducted this spring. Furthermore, he advised that the Agency's O&M center has now been relocated to 202 Concourse Drive across the street from SCWA's 404 Aviation administrative headquarters.

10. Biological Opinion Update

Pam Jeane updated the WAC on the Russian River Biological Opinion for November 2011 (attachment enclosed).

11. Integrated Regional Water Management Plan(s) Update

Jake Mackenzie and Paul Helliker updated the WAC on the North Coast and San Francisco Bay IRWMP efforts.

12. ACWA Task Force - Financing the 2009 Comprehensive Water Package

Paul Helliker advised that there continues to be debate in the water community regarding bringing the bond measure to the voters in 2012. It may be delayed to 2014. The ACWA task force is charged with looking at alternate ways of financing the comprehensive water package and expects to have a Policy Principles draft by end of December.

13. 2012 WAC/TAC Meeting Schedule

The schedule is attached.

14. Items for next agenda

Items were identified for both the December 2011 TAC meeting and the next WAC meeting scheduled for February 2012.

FOR ACCESSIBLE
MEETING INFORMATION
CALL: (707) 543-3350
ADD: (707) 543-3031



**WATER ADVISORY COMMITTEE
AND
TECHNICAL ADVISORY COMMITTEE**

MONDAY, NOVEMBER 7, 2011

9:00AM

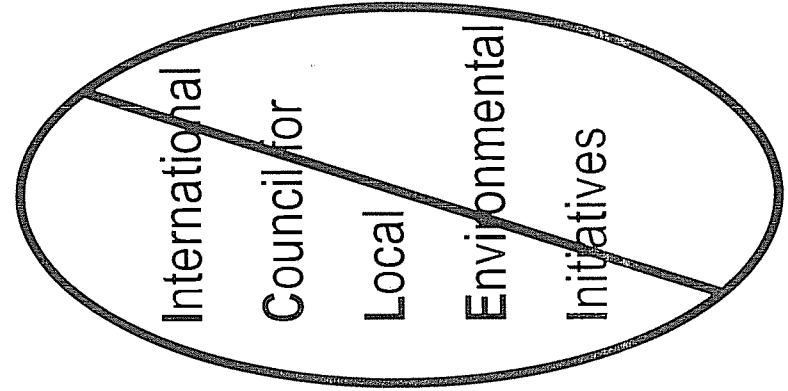
Utilities Field Operations Training Center
35 Stony Point Road, Santa Rosa, Ca

This is a combined WAC and TAC meeting.

1. Check In
2. Public Comment
3. Recap from the August 1, 2011 WAC/TAC Meeting and Approval of Minutes
4. Recap from the October 3, 2011 TAC Meeting and Approval of Minutes
5. Water Supply Coordination Council
6. Draft Water Supply Strategies Action Plan Update (<http://www.scwa.ca.gov/water-supply-strategy/>)
7. Draft SCWA Long Range Financial Plan Process (<http://www.scwa.ca.gov/finance/>)
8. SCWA Allocation Model & Rate Study
9. SCWA Water Supply/Transmission System Operations Status
10. Biological Opinion Status Update
11. Integrated Regional Water Management Plan(s) Update
12. ACWA Task Force – Financing the 2009 Comprehensive Water Package
13. 2012 WAC/TAC Meeting Schedule
14. Items for Next Agenda
15. Check Out

BIG BROTHER IS HERE - UNITED NATIONS AGENDA 21 = "SUSTAINABLE DEVELOPMENT"

INTERNATIONALISTS WILL CONTROL LOCAL GOVERNMENTS THROUGH U.N. AGENDA 21



ICLEI is an evil octopus!

"Local Government" is its tentacles. It's used to strangle our freedoms and deny our rights by:

- Stack and Pack Govt Housing
See the Wildlands Project Map @ www.FreedomAdvocates.org
- Traffic Congestion
Reduction of Cars for Most
The privileged few won't bike or walk
- Inaccessible Open Space/Closing of Parks and Public Lands
Only accessible by a chosen few
- Managed Control Over Our Lives
Everything you do!
- Mismanagement of Water Supplies
Restrictions-High cost-Licensed use available to an authorized few
- Prohibition of Natural Resource Management
Leading to Increased Fire Hazards and Private Property Restrictions
- Local Governing Given Up To Regional and International Control

A One World Government is the Agenda Of the Global, Wallstreet, Bankster Elites **THEY WOULD HAVE YOUR FUTURE BE:**

- INDIVIDUAL LIBERTIES? Gone
- PROSPERITY? Gone
- PRIVACY? Gone
- PROPERTY RIGHTS? Gone
- FREEDOM TO TRAVEL? Gone
- ECONOMIC FREEDOM? Gone

Why is this happening? To Enable:

- Surveillance of the populace
- Police Control
- Restrictions on Consumption
- Restrictions on Energy Use
- Restrictions on Electricity and Gas Use
- Restrictions on Water Use
- Restrictions on Travel
- Restrictions on Land Use
- Restrictions on Wealth Formation
- The Control of Education
- Population Control
- Control of Healthcare

What is the end goal?

- Reduce World Population by 85%-90%
- Get People Off the Rural Lands
- Reduce Standards of Living
- Dominance by a Chosen 1%

We Must End the Federal Reserve and Stop the Wall Street Banksters & Warlords in Washington and Cut Off The Tentacles of U.N. Agenda 21 Reaching Into Our Local Governments called ICLEI...

SmartMeters / SPYMETERS

(Bio-Hazardous Technology)

Smart dynamics (Smart-Growth Technologies) are being used to control and monitor all human action and activity. This gives the central authority (BIG BROTHER) control over all electrical use, and they can shut off your utilities if you are out of favor. The same monitoring and control for water is coming. PG&E was at the 1992 Agenda 21 Conference as an original supporter of Agenda 21. PG&E is a model for all utilities in the USA.

www.CommonCrime.net www.RefuseSmartMeters.com www.Freedom21.org
www.DemocratsAgainstUNAgenda21.com www.MorphCity.com www.FreedomAdvocates.org

(View the WildlandsProjectUSA Map)

ICLEI
Tentacles
Across
the
Country
Kick
ICLEI
OUT
NOW

Arizona

- Chandler
- Flagstaff
- Goodyear
- Maricopa County
- Peoria
- Phoenix
- Tempe
- Tucson

California

- Albany
- Aliso Viejo
- American Canyon
- Antioch
- Arcata
- Belvedere
- Benicia
- Berkeley
- Beverly Hills
- Burlingame
- Carpinteria
- Chula Vista
- Cloverdale
- Concord
- Covina
- Culver City
- Cupertino
- Davis
- Del Mar
- Dixon
- Dublin
- East Palo Alto
- El Cerrito
- Emeryville
- Encinitas
- Fairfax
- Fairfield
- Foster City
- Fremont
- Fullerton
- Glendale
- Hayward
- Hermosa Beach
- Hillsborough
- Irvine
- Lafayette
- Lakewood
- Larkspur
- La Mirada
- Livermore
- Los Angeles County
- Los Gatos
- Martinez

- Menlo Park
- Menlo
- Millbrae
- Mill Valley
- Monterey
- Moorpark
- Moraga
- Mountain View
- Murieta
- Napa
- Napa County
- Newark
- Novato
- Oakland
- Oakley
- Orinda
- Pacifica
- Palmdale
- Palm Springs
- Palo Alto
- Pasadena
- Pittsburg
- Portola Valley
- Redwood City
- Riverside
- Rolling Hills Estates
- Ross
- Sacramento County
- Salinas
- San Bruno
- San Clemente
- San Diego
- San Francisco
- San Joaquin
- San Jose
- San Leandro
- San Luis Obispo
- San Mateo County
- San Mateo
- San Pablo
- Santa Ana
- Santa Barbara County
- Santa Barbara
- San Buenaventura (Ventura)
- San Carlos
- Santa Clara
- Santa Clara County
- Santa Clarita
- Santa Cruz
- Santa Monica
- Santa Rosa
- Santee

- San Jose
- Santa Rosa
- Solano County
- Sonoma City
- Sonoma County
- South Gate
- Temecula
- Tiburon
- Tracy
- Union City
- Ventura County
- Vernon
- Visalia
- Vista
- West Sacramento
- Willits
- Windsor
- Woodside
- Yountville

District of Columbia

- Washington, DC

New York

- New York City
- North Castle
- North Hempstead
- Ogdensburg
- Onondaga County
- Orangetown
- Ossining (Town)
- Ossining (Village)
- Oswego County
- Peekskill
- Pound Ridge
- Red Hook
- Rochester
- Rosendale
- Rye
- Saratoga Springs
- Saugerties
- Schenectady County
- Somers
- Southampton (Town)
- Southampton (Village)
- St. Lawrence County
- Syracuse
- Tarrytown
- Tompkins County
- Tuckahoe
- Victor
- Westchester County
- Woodstock
- Yonkers

Oklahoma

- Tulsa

Partial List - For more complete list www.iclei.org

www.Americanpolicy.org

Minutes of Water Advisory Committee and Technical Advisory Committee
35 Stony Point Road, Santa Rosa, California
August 1, 2011

Attendees: Susan Gorin, City of Santa Rosa
Miles Ferris, City of Santa Rosa
Glen Wright, City of Santa Rosa
Linda Reed, City of Santa Rosa
Jennifer Burke, City of Santa Rosa
Linda Hall, City of Santa Rosa
Jake Mackenzie, City of Rohnert Park
Darrin Jenkins, City of Rohnert Park
Laurie Gallian, City of Sonoma
Milenska Bates, City of Sonoma
Mark Landman, City of Cotati
Damien O'Bid, City of Cotati
Dennis Rodoni, North Marin Water District
Mike Healy, City of Petaluma
Robin Goble, Town of Windsor
Debora Fudge, Town of Windsor
Richard Burt, Town of Windsor
Mike Ban, Marin Municipal Water District
Mark Bramfitt, Valley of the Moon Water District
Krishna Kumar, Valley of the Moon Water District
Efren Carrillo, SCWA
Mike McGuire, SCWA
Grant Davis, SCWA
Spencer Bader, SCWA
Michael Gossman, SCWA
Carrie Pollard, SCWA
Michael Thompson, SCWA
Ann DuBay, SCWA
Erik Brown, SCWA
David Manning, SCWA
Kent Gylfe, SCWA
Jessica Martini-Lamb, SCWA

Public Attendees: Brenda Adelman, RRWPC
J. Dietrich Stroeh, CSW/Stuber-Stroeh Engineering
Bob Anderson, United Wine Growers
Dawna Gallagher
David Keller, FOER
Tom Yarish, Friends of the Esteros
Kay Ashbrook

Check-in

WAC Chair Susan Gorin called the meeting to order at 9:03a.m.

1. Public Comment

A letter and email were sent on July 14 by Kay Ashbrook expressing concerns about Brush Creek and its management. There has been a long standing commitment from volunteers to keep the creek healthy. They would like a response to their concerns. Supervisor Efren Carrillo responded he is very aware of all the volunteer efforts and stated the SCWA will be responding to the letter. Grant Davis, SCWA, wants to have a meeting with the community to acknowledge the

work done and to discuss any issues residents of the area have regarding Brush Creek. Susan Gorin wants to attend this community meeting.

2. Recap from the May 2, 2011 WAC/TAC Meeting and Approval of Minutes

Moved by Mike Healy, Petaluma, seconded by Laurie Gallian, Sonoma; carried unanimously to approve the minutes of the May 2, 2011 as amended to note a unanimous vote on No. 5 of the May 2 WAC/TAC meeting.

3. Recap from July 11, 2011 TAC Meeting and Approval of Minutes

Moved by Krishna Kumar, Valley of the Moon Water District, seconded by Miles Ferris, City of Santa Rosa; carried unanimously to approve the minutes of the July 11, 2011 TAC meeting as published.

4. Water Supply Coordination Council

Efren Carrillo, SCWA, provided an update and reviewed report from the Water Supply Coordination Council Meeting of July 19, 2011, included in the meeting packet.

5. UWMP and Sonoma-Marín Saving Water Partnership Update

Carrie Pollard, SCWA, provided an update on the Sonoma-Marín Saving Water Partnership (SMSWP). She provided an update on the low water use plant cards, information on the ads for the Sonoma County Fair, and reported that she is working with Chris DeGabrielle on the SMSWP annual report to be printed in the next few months. Grant Davis reported that the Agency adopted their 2010 Urban Water Management Plan.. All of the WAC members gave updates on their various Urban Water Management Plans and noted that date that each one had been adopted.

6. Biological Opinion Status Update

David Manning, SCWA Principal Environmental Specialist, presented a PowerPoint on the Biological Opinion annual status report. A CD containing the report was distributed. Trips to Washington D.C. by SCWA and WAC/TAC members are crucial to ensure Federal funding and support

Jessica Martini-Lamb, SCWA, provided an update on the Estuary Management Project. The Final Environmental Impact Report (EIR) for the project was published on July 28, 2011. The Board of Supervisors will consider certifying the Final EIR at their August 16, 2011 meeting.

7. SCWA Water Supply/Transmission System Operations Status

Kent Gylfe gave a PowerPoint presentation on the SCWA's Natural Hazard Mitigation Projects and Local Hazard Mitigation Plan (LHMP). The LHMP identifies hazards of highest risk to the SCWA's system and evaluates the effects of the hazard if it occurred. and the mitigation projects required to help protect the SCWA system . The primary hazard is earthquakes, followed by floods and wild fires. The Rodgers Creek fault that runs through Santa Rosa is a big concern because the SCWA system crosses the fault.

In order to compete for funding through the Federal Emergency Management Agency (FEMA) Hazard Mitigation Grant Program, SCWA developed the LHMP. FEMA grant funding will cover 75% of costs of approved projects. SCWA has been awarded FEMA grants for several of the projects in their LHMP. Kent Gylfe gave an overview and status update on some of the projects, including the Rodgers Creek Fault Crossing Project, the Russian River Crossing Project, the Isolation Valves Projects, the Mark West Creek Crossing Project, Automated Meter Reading Project, and the Wohler-Mirabel Liquefaction Project. Jake MacKenzie asked for regular updates on the LHMP. Susan Gorin asked that information on the LHMP projects that have been incorporated into the long range financial model be presented in November.

8. Integrated Regional Water Management Plan(s) Update

Jake Mackenzie, City of Rohnert Park and new Chair of the North Coast IRWM Committee, Grant Davis and Effren Carrillo, attended a North Coast IRWMP meeting on July 3 in Weaverville. Jake gave a report on the meeting, which focused on providing an overview and

update on the North Coast IRWMP to the new Board members, including the new tribal representatives, as well as providing information on the new requirements of the North Coast IRWM, such as complying with the Brown Act. Jake provided an update on the Prop. 50 grant funds that have already been spent, as well as an update on the pending Prop 84 grant funds. The North Coast IRWMP has been allocated \$37M from Prop 84. For the first round of grants, \$8M of projects has been submitted. Final awards will be made by the Department of Water Resources this month.

Paul Helliker, Marin Municipal Water District and Bay Area IRWM chair, reported on the Bay Area IRWMP. The Bay Area IRWMP has been awarded \$30M for the first round of Prop 84. Projects awarded grant funding include recycled water projects in North Marin, Marin and Sonoma and some funding for development of a Salt and Nutrient Management plan.

9. Items for next WAC/TAC agenda

Review of Strategic Action plan
Long Range Financial Model
Budget discussion for next year
Biological opinion update
ACWA task force update
IRWMP Updates
USGS report

10. Check Out

Next TAC meeting is September 12.
Next WAC TAC meeting is November 7.

Chair Gorin adjourned the meeting at 11:35a.m.

Minutes of Technical Advisory Committee
35 Stony Point Road, Santa Rosa, California
October 3, 2011

Attendees: Susan Gorin, City of Santa Rosa
Miles Ferris, City of Santa Rosa
Linda Reed, City of Santa Rosa
Jennifer Burke, City of Santa Rosa
Linda Hall, City of Santa Rosa
Richard Burt, Town of Windsor
Craig Scott, Town of Windsor
Remleh Scherzinger, City of Petaluma
Darrin Jenkins, City of Rohnert Park
Milenska Bates, City of Sonoma
Damien O'Bid, City of Cotati
Paul Helliker, Marin Municipal Water District
Mike Ban, Marin Municipal Water District
Krishna Kumar, Valley of the Moon Water District
Chris DeGabriele, North Marin Water District
Drew McIntyre, North Marin Water District
Grant Davis, SCWA
Spencer Bader, SCWA
Michael Thompson, SCWA
Jay Jasperse, SCWA
Pam Jeane, SCWA
Carrie Pollard, SCWA
Scott Carpenter, SCWA

Public Attendees: Brenda Adelman, RRWPC
J. Dietrich Stroeh, CSW/Stuber-Stroeh Engineering
Bob Anderson, United Wine Growers
Dawna Gallagher
David Keller, FOER
Amy Rider, KEMA
Rod Houser, Kennedy/Jenks
Dianne Taveras

Check-in

TAC Chair Chris DeGabriele called the meeting to order at 9:06a.m.

1. Public Comment
Brenda Adelman stated RRWPC has filed lawsuit regarding adequacy of the SCWA Estuary Project EIR.
2. Draft Water Supply Strategies Action Plan Update
Jay Jasperse, SCWA, presented a PowerPoint update on the strategy action plan noting new actions and programs initiated and the accomplishments for the year. Comments need to be made to Ann DuBay, SCWA, by October 10. A revised draft plan will be presented at the WAC meeting in November.
3. Draft SCWA Long Range Financial Plan
Spencer Bader, SCWA, gave an update on the long range financial plan. The PowerPoint presentation will be posted to the website.

4. L/R/T2 Program Update

was Funds were to be collected from contractors totaling \$13M over ten years to be spent on ~~Land~~ Supply/Recycled Water/and Tier 2 Water Conservation projects. Only \$10M was collected and five contractors have not received full funding as yet, including Santa Rosa, Rohnert Park, Cotati, Sonoma and Marin Municipal. Projects should be brought forward to Chris DeGabriele by November 21st so the funding can be included in future agency budgets.

5. SCWA Water Supply/Transmission System Operations Status (Sonoma Booster Station Meter Installation & Air Valve Compliance Replacement)

Scott Carpenter, SCWA, gave a PowerPoint presentation on the transmission system upgrades.

6. SCWA Summer Allocation Model

Jay Jasperse reported Brown and Caldwell has been selected to develop the summer allocation model. Individual contractors will have meetings to plan the project. Development of a new model is expected by late spring or early summer 2012.

7. SCWA Rate Study

Preparations are being made to start the study. There will be close coordination with the water contractors, working with a consultant, and task members to determine the rate structure. An RFQ is being worked on now. The TAC Budget sub-committee will be advisory to the process. Strategies will be put in place to work towards increased rate stabilization. The Budget sub-committee will participate in the contractor selection.

8. Biological Opinion Status Update

The update will be emailed. Dry Creek demonstration project area has been 90% designed with construction planned next summer. The bypass pipeline study was completed early this year. Upcoming work will be done on outfall and water gravity study, completions next spring. The Crane Creek tributary project will be completed this year. The Wohler Ponds modification project to not trap fish was completed in September. There is no update on the fish ladder. The Jenner Estuary project EIR has been certified. The estuary was open this summer so no sandbar work was done. The fish flow project DEIR will be released for 2012-13. There have been discussions to get the State more involved. A temporary change order for summer flow changes was received. Stream flow requirements were implemented which helped to get to a lower flow control. A meeting in Washington will hopefully get approvals for more Corps of Engineers funding. Corps involvement is critical to complete Biological Opinion projects.

9. Items for next WAC/TAC agenda

Review of Strategic Action plan
Long Range Financial Model
Budget discussion for next year
Biological opinion update
ACWA task force update
IRWMP Updates
USGS report

10. Check Out

Next WAC TAC meeting is November 7
Next TAC meeting is December 5

Meeting adjourned at 10:33a.m.

Summary
October 19, 2011
Water Supply Coordination Council Meeting

The WSCC is intended to coordinate activities of the Agency, WAC/TAC and other parties as necessary and to report on same pursuant to the Sonoma County Water Agency's September 15, 2009 Resolution #09-0871 to commence and continue development of new water supply projects, plans and strategies to meet the reasonably expected future water demands for the agency's water contractors. The WSCC makes no policy decisions. This WSCC summary is intended to disclose WSCC discussions with the WAC/TAC and other interested parties.

Attendees: Efren Carrillo, Grant Davis, Jay Jasperse, Susan Gorin, Mark Bramfitt, Chris DeGabriele

1. Review Summary of Last Meeting (July 19, 2011)

Summary of the July 19, 2011 meeting was reviewed.

2. November 7th WAC/TAC Meeting

A draft agenda for the Water Advisory Committee and Technical Advisory Committee meeting scheduled for November 7th was reviewed. The parties agreed upon a WAC/TAC agenda to be distributed. It was noted that an agenda item to review the Integrated Water Supply/Flood Control planning will be added to the February 2012 WAC/TAC agenda and an update on the Santa Rosa Plain and Sonoma Valley groundwater management activities will be included with this agenda item in February.

Mark Bramfitt recommended that an agenda item enabling Water Contractors to update the WAC on local activities be added. This will start at the February 2012 meeting and where VOMWD will make a presentation.

3. October 3rd TAC Meeting

Chris DeGabriele reported on the October 3 TAC meeting.

4. Water Supply Strategy Action Plan Update

It was noted that SCWA has been criticized by a public member believing they are excluded from the list as an Involved Party pertaining to any of the Water Supply Strategy Actions. It was noted that the Water Supply Strategy Action Plan specifically identifies that involved parties always include the public, and environmental and community groups.

5. Long Range Financial Planning Coordination

There was discussion regarding the Long Range Financial Plan. Susan Gorin suggested that Water Contractor local supply/recycled water and storage projects be considered in the financial planning. Chris DeGabriele opined that this is beyond the Agency's scope of responsibility since the Urban Water Management Plan has defined the necessary Agency water supply for future planning and the Agency financial plan should reflect the necessary Agency

projects to make deliveries pursuant to the Urban Water Management Plan. It was acknowledged that this will change over time and that the forecasts of cost and resulting rate implications will become less clear the further out the forecast looks. Mark Bramfitt suggested that now may be an opportunity to accelerate capital improvement projects since the cost of debt financing for same is at an all time low and construction contract bids are very competitive. Mark suggested that he would bring this up at a future WAC/TAC meeting as part of the VOMWD report.

6. Schedule next meeting

The next meeting will be scheduled prior to the February 6, 2012 WAC/TAC meeting, date and time to be determined.

2011 WATER SUPPLY STRATEGIES ACTION PLAN EXECUTIVE SUMMARY

In September 2010, following a 16-month process of community involvement, the Sonoma County Water Agency Board of Directors approved nine Water Supply Strategies developed to increase water supply system reliability, resiliency and efficiency in the face of limited resources, regulatory constraints and climate change uncertainties.

The Board directed completion of the 2010 Water Supply Strategies Action Plan. The 2010 Plan described how each strategy was being carried out through specific activities and projects, identified involved parties and provided the status and budget information for each activity or project. The Board recognized that the plan is a living document and requested an update in 2011. The Water Agency expects to update its Action Plan annually.

The Water Agency is pleased to report that many activities identified in the 2010 Action Plan were successfully completed. The 2011 Action Plan identifies new activities initiated to support the strategies and also activities that are continuing or have been reprioritized.

As in the 2010 plan, the 2011 Action Plan recognizes the importance of specific stakeholder and general community involvement in successfully carrying out the strategies. Stakeholders that are working with the Water Agency on implementation of a particular action item are specifically mentioned as Involved Parties. Where community involvement is occurring or anticipated during all or part of the process, "community groups" are indicated as Involved Parties. In addition, many Action Plan activities will be reviewed or approved at Water Advisory Committee, Flood Control Zone, Agency Board of Directors and other public meetings. Members of the general public will have the opportunity to review and comment on the activities at all such forums.

Major accomplishments and changes from the 2010 Action Plan are summarized below and in the attached spreadsheet, Attachment A.

Actions Successfully Completed

The last year was marked by two major accomplishments: Completion of the 2010 Urban Water Management Plan (UWMP) and adoption of the Russian River Estuary Lagoon Management Plan EIR and implementation of the Estuary Lagoon Management Plan.

A critical item in the 2010 Action Plan, the 2010 Urban Water Management Plan (UWMP) was completed on time and filed with the State Department of Water Resources. Accordingly, it is not listed in the 2011 Action Plan. The next UWMP will be due in 2015 and work on it will be reflected in future action plans. The 2010 UWMP required both a water demand analysis and coordinated water supply analysis (both also listed in the 2010 Action Plan). The UWMP projected a future need for about 20 percent less water than the amount identified in the 2005 UWMP. Reduced demand means water conservation efforts in the Water Agency's service area are achieving their goals and new capital projects (and accompanying rate increases) can be delayed.

A second major Action Item from 2010 – Estuary Adaptive Management – was partially completed. The "Environmental Impact Report of the Russian River Estuary Lagoon Management Plan" was approved by the Sonoma County Water Agency Board of Directors in August, 2011. The management plan was also approved. While the approval of the EIR and the plan were major accomplishments, Estuary Adaptive Management remains listed as an Action Item in the 2011 Action Plan because this new adaptive management effort must be implemented and monitored on an ongoing basis. Although a lawsuit was filed challenging the adequacy of the EIR, the new management plan is being implemented.

The Water Agency completed other projects and activities of note over the last year, including:

- **Completed the Grape Creek habitat restoration project.** This project improved coho habitat in a key Dry Creek tributary, as required by the Russian River Biological Opinion. This project restored nearly 2,000 linear feet of Grape Creek habitat, was funded by the Water Agency, constructed by Sotoyome Resource Conservation District and built with the cooperation of landowners. During the first year of monitoring, researchers found juvenile coho in and upstream of restored area. The project requires five years of monitoring, and will remain listed in the 2011 Action Plan.
- **Completed the Dry Creek Bypass Pipeline Feasibility Study.** Meeting a mandate in the Russian River Biological Opinion, the Water Agency and its consultants studied the feasibility of building a pipeline to bypass Dry Creek in order to reduce summertime flows in the creek. A preferred route (primarily following Dry Creek Road) was identified. After some water quality and engineering questions are answered in a follow-up study, the pipeline concept will be set aside until 2018, to be revived if Dry Creek habitat enhancements are unsuccessful.
- **Completed agriculture pilot studies.** These studies, conducted by Dr. Mark Greenspan, educated grape growers on improved water conservation practices for vineyard irrigation and heat suppression.
- **Completed water demand modeling.** This modeling provided an agreed upon, technical basis for the 2010 UWMP.
- **Completed a water supply analysis.** This analysis, required by the Urban Water Management Planning Act, identified regional and local supply, conservation / demand management, and recycled water projects and programs capable of meeting future needs of Water Agency customers.
- **Promoted small-scale Sonoma Valley projects.** A "Slow It, Spread It, Sink It" manual was developed and distributed through efforts of the Sonoma Valley groundwater management program. The manual was distributed at community events, and other water-saving projects were highlighted in an award ceremony and through outreach to the press.
- **Adopted a Water Agency energy policy.** In March, the Water Agency's board of directors adopted a proactive energy policy. As a result, Strategy Seven (Take Advantage of Energy & Water Synergies) was rewritten and new actions to carry out the strategy were added and 2010 actions were reprioritized.

Significant Progress

Significant progress was achieved for several 2010 Action Plan items, that will continue to be listed in the 2011 Action Plan, including:

- Drafts were completed and released for the Dry Creek Habitat Enhancement Feasibility study. This study will be completed after all comments have been received from National Marine Fisheries Service.
- A \$1.6 million grant was received for the Sonoma Valley County Sanitation District recycled water storage and pipeline project. Construction is underway on a storage pond and a recycled water pipeline. Design is in progress on a recycled water pipeline that will help restore the Napa Salt Marsh.
- The Water Agency and Water Contractors funded the Sonoma-Marin Saving Water Partnership and launched a comprehensive public outreach campaign.
- Environmental analysis and modeling are well underway for the Fish Flow project.
- A \$1 million grant was received for Copeland Creek flood control/groundwater recharge project.
- Progress is ongoing in completing Sonoma Valley groundwater management projects. Monitoring wells were installed, a seepage run study was conducted, groundwater levels are being monitored and public outreach conducted.
- Santa Rosa Plain groundwater management activities continued, with community outreach and ongoing education. At the recommendation of a stakeholder steering committee the Water Agency board directed that a groundwater management plan be initiated. The Water Agency received \$250,000 in grant and state funding to support these valuable groundwater management activities.
- The state-required California Statewide Groundwater Elevation Monitoring program has started in designated basins, with the initial water levels slated to be measured this fall.
- Several hazard and operational reliability projects were funded and initiated, improving the reliability of

the Water Agency's facilities. These projects include the earthquake fault crossing mitigation at Rogers Creek, the Russian River and Mark West Creek; liquefaction mitigation for Collectors Three and Five, isolation valve replacement; and installation of flow monitors.

- A new long-term financial model is functional, has been refined and is now being used.

Reprioritization

Several items listed in the 2010 Action Plan have been reprioritized, based on changed conditions, funding opportunities or loss, or other circumstances. Projects falling into this category include:

- **Two Biological Opinion tributary projects.** The Mill Creek fish passage project has been dropped due to key landowner opposition. A fish passage project on Crane Creek has replaced it and is slated for construction in fall 2011. The Wallace Creek fish passage project has been delayed due to right-of-way issues.
- **Dry Creek Agriculture Users Agreement.** Implementing this agreement is now listed as a near-term rather than an immediate action, reflecting the need to prioritize other Dry Creek activities.
- **New focus on natural hazard and operational reliability projects.** Several natural hazard reliability projects were moved into the immediate action category from the near term category so they are in a stronger position to secure FEMA funding. In addition, an emergency response plan for a critical water supply facility, the Mirabel inflatable dam, is being developed and has been added.
- **Revenue modeling.** An alternative revenue model study will begin this winter and is now an immediate action.
- **Water use data.** Water use has dropped dramatically in recent years. Annual collection of information regarding water gross demand, conservation and source of water use is now an immediate action, reflecting the need to better understand trends.
- **Energy items.** The ISO certification process the Water Agency is engaged in is now listed in Strategy Nine, rather than Strategy Seven to better reflect the organizational benefits associated with the ISO process.
- **Farms to Fuel.** A "chicken manure fuel cell project" was mentioned in the 2010 plan, but is now called out as an immediate action item, reflecting success in moving this innovative project forward.

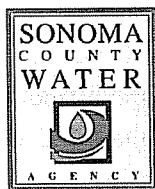
New Actions

Several items were added to the 2011 plan to reflect new Water Agency initiatives, areas of focus or funding opportunities, including:

- **Leak detection study.** Millions of gallons of water could be saved each year by reducing leaks. Using advanced analytics made possible through work with IBM, the Water Agency will engage in a "proof of concept" study to evaluate the possibility of leak detection in the transmission and distribution systems. IBM is providing about \$2 million of funding for this project, and it is listed in the 2011 Action Plan as an immediate action.
- **Engineering & Water Quality Analysis of Dry Creek Pipeline.** The Dry Creek Pipeline Feasibility Study raised questions regarding water quality challenges with getting the water from the pipe into the Russian River or Dry Creek. The Water Agency will begin to evaluate potential water quality issues related to the pipeline outlet facility. This engineering/water quality analysis would begin within three years, and is listed as a new near-term action item.
- **Evaluation of collector wells.** The oldest collector wells have been operating for four decades and must be analyzed to ensure continued performance. If the analysis demonstrates a need, a plan will be developed to increase reliability of these facilities. This action is listed as a new immediate action.
- **Emergency Response Plan.** An up-to-date emergency response plan is critical to the Water Agency's ability to provide water in an earthquake, fire or other emergency. As part of the evaluation needed to seek ISO certification, the Water Agency recognized it needed to update and better document its emergency response plan. This update is anticipated in 2012 and is listed as an immediate action item in the 2011 Action Plan.

- **New operational reliability projects.** Operational reliability is as important as hazard reliability. Accordingly, projects such as the Cotati Reservoir 3 and the Petaluma Aqueduct cathodic protection have been initiated and are therefore listed as immediate actions.
- **Evaluation of regional and local projects.** When they worked together on their respective 2010 UWMPs, the Water Agency and Water Contractors recognized the need to better coordinate local and regional projects to maximize efficiencies and take advantage of financing opportunities. They have begun work on a process for this coordination and this effort is listed as a new immediate action item.
- **Community Choice Aggregation.** Responding to growing concern about energy costs, future reliability and greenhouse gas emissions, the Water Agency board of directors directed staff to hire a consultant and assess the feasibility of a community-based power exchange, with a focus on renewable energy. Based on the results of the study, the board directed staff to take follow-up steps and report back in six months. This effort is listed as a new immediate action item.
- **Through PWRPA, procure all renewable power produced from Warm Springs Dam hydropower and Sonoma County landfill power facility.** Although the Water Agency produces renewable power at Warm Springs Dam, it sells the power to PWRPA. Sonoma County also sells power produced at its landfill to PWRPA. Although the Water Agency is a PWRPA customer, currently, PWRPA procures all the power from these sources and divides the cost and environmental attributes to PWRPA members. When the Water Agency buys PWRPA power now, the power portfolio includes WAPA hydropower and open market power. If the Water Agency is, instead, able to obtain the “rights” to WSD and Meacham landfill power, rather than sharing it with PWRPA customers, the Water Agency’s efforts to achieve carbon free water will be achieved. This effort is listed as a new immediate action item in the 2011 Action Plan.

For more information, please refer to the attached spreadsheet, which summarizes the changes to all 2010 Immediate Actions. The 2011 Update provides additional information and details on all actions. These documents can be found online at www.sonomacountywater.org/water-supply-strategy



Russian River Biological Opinion Update – November 2011

The Sonoma County Water Agency is continually planning and implementing the Russian River Biological Opinion requirements. To better communicate the progress and timeline of this work, the Water Agency has provided the below outline of project updates. For more detailed information about these activities, please visit www.sonomacountywater.org.

Dry Creek Demonstration Project

- The Dry Creek Demonstration Project reached the 90% design level at the end of October. Discussions with landowners regarding access and construction are ongoing, and permitting requests to regulatory agencies will be made this fall and winter.
- The Initial Study and Mitigated Negative Declaration environmental document and right-of-way process on the demonstration project will be reviewed by the Water Agency Board of Directors on November 15.

Dry Creek Habitat Enhancement Study & Bypass Pipeline Study

- After receiving no comments from regulatory agencies, contractors and others, the Dry Creek bypass pipeline was finalized in October.
- The Dry Creek Habitat Enhancement draft feasibility study will be finalized when official comments from NMFS are addressed.
- The Water Agency, National Marine Fisheries Service, Department of Fish & Game and the U.S. Army Corps of Engineers are working with consultants, ESSA, to develop clear success measures for habitat enhancement. The plan should be completed in 2012.

Tributary Fish Passage and Habitat Enhancement Projects

- Construction on the Crane Creek and Willow Creek Fish Passage Enhancement Projects were completed in October. Crane Creek is a tributary to Dry Creek located near the one-mile Demonstration Project. Willow Creek flows directly into the estuary near Bridgehaven. The Crane Creek project involved creating and enhancing pools to give steelhead and coho greater access to spawning habitat. The Willow Creek project involved replacing several plugged/collapsed side-by-side culverts with a bridge.
- Wild juvenile coho were found in both Crane and Willow Creeks during surveys this past summer.
- Low numbers of wild juvenile coho were also found in Dry Creek during Water Agency summer surveys. Fish monitoring activities are wrapping up for the season.

Wohler Pond Modification Project

- The project – which decommissioned infiltration ponds near Wohler Bridge – was completed in September. Historically, when flooding occurred in the area, the ponds would trap fish when the water receded. The purpose of the project was to remove any impediments so that future fish entrapment will not occur.

Mirabel Screen and Fish Ladder Replacement

- The Water Agency received a \$255,000 California Department of Fish and Game Fishery Restoration Grant for design of the project. Consultant (HDR Engineering) is working on the 30% design, which should be received in November.

Russian River Estuary Management Project

- The Estuary Management Project final Environmental Impact Report was certified in August and the Board of Directors approved the project. On September 16, a lawsuit was filed by the Russian River Watershed Protection Committee challenging the EIR.
- 2011 fish monitoring activities took place throughout the summer, including the fyke net placed in the estuary, rotary screw traps installed at the mouths of three creeks that drain into the estuary and invertebrate monitoring and seining. Monitoring was completed for the season in mid-October.
- Water quality and seal (and other pinniped) monitoring is ongoing.
- The estuary remained open during the 2011 lagoon management period (May 15 – October 15).

Fish Flow Project

Work is occurring internally on the preparation of the draft Environmental Impact Report for the Fish Habitat Flows and Water Rights Project.

- EIR Schedule
 - Release Draft EIR in summer 2012
 - Release Final EIR in summer 2013
 - BO requires Board to certify Final EIR by September 24, 2013
 - EIR will be prepared by Water Agency staff, with assistance from consultants on some areas of impact analysis.

Interim Flow Changes

- On June 1, the State Water Resources Control Board issued an order in response to the Water Agency's petition to modify minimum instream flow requirements for this summer. Similar to the 2010 order, the 2011 order requires weekly fisheries reports, water quality monitoring and for the contractors to require their irrigation customers to "achieve a maximum applied water allowance of 60 percent ET_o." The order ended on October 15, 2011.
- Chinook redd and pool surveys are being conducted weekly, per the TUC. Chinook are also being counted as they pass through the video monitoring stations at the Mirabel inflatable dam. As of November 1, 2,536 Chinook, 33 steelhead and 20-40 adult coho were counted.
- Reports for the 2011 TUC will be submitted to the State Water Board by March 31, 2012.

Public Outreach

- The Dry Creek Valley Association is posting on its website a "Frequently Asked Questions" column regarding habitat enhancement.
- Monthly advertisements are being placed in community papers updating residents on the biological opinion.
- Board Chairman Efren Carrillo published a Close to Home regarding the estuary in The Press Democrat in October.

2012 TAC - WAC / TAC MEETING SCHEDULE
35 Stony Point Road, Santa Rosa, California

Month	Day	Body	Time
JANUARY	9	TAC	9:00a.m. - 11:30 a.m.
FEBRUARY	6	WAC / TAC	9:00a.m. - 11:30 a.m.
MARCH	5	TAC	9:00a.m. - 11:30 a.m.
APRIL	2	TAC	9:00a.m. - 11:30 a.m.
MAY	7	WAC / TAC	9:00a.m. - 11:30 a.m.
JUNE	4	TAC	9:00a.m. - 11:30 a.m.
JULY	2	TAC	9:00a.m. - 11:30 a.m.
AUGUST	6	WAC / TAC	9:00a.m. - 11:30 a.m.
SEPTEMBER	10	TAC	9:00a.m. - 11:30 a.m.
OCTOBER	1	TAC	9:00a.m. - 11:30 a.m.
NOVEMBER	5	WAC / TAC	9:00a.m. - 11:30 a.m.
DECEMBER	3	TAC	9:00a.m. - 11:30 a.m.

14

MEMORANDUM

To: Board of Directors

November 11, 2011

From: Chris DeGabriele, General Manager 

Subject: Petition for Change – North Marin Water District Lagunitas Creek Water Rights

T:\GMI\West Marin\Water Rights\BOD memo re petition for change letter to mccarthy.doc

RECOMMENDED ACTION: Information only

FINANCIAL IMPACT: None at this time

At the September 20, 2011 meeting, the Board authorized the General Manager to submit information to the State Water Resources Control Board (SWRCB) requesting Permit 19725 be converted to a license in the amount of 229.2 acre feet (AF) and that Permit 19724 be dedicated to instream purposes in the amount of 148.8 AF. State Water Resources Control Board staff reviewed the proposal and requested that diversions under the pre-1914 claim of right be included in the analysis to see how it affects Permit 19725 and 19724. Additionally, SWRCB staff requested that for the next reporting period, the District be sure to report only water used under each right.

The letter attached is now being reviewed by SWRCB staff and includes diversion under pre-1914 claim for rights to 0.05 cfs from Lagunitas Creek (equal to 3 AF per month all year). A proposal now reflects that this 36 AF pre-1914 right to divert water will be used each year along with the 148.8 AF licensed right acquired from the Giacomini Ranch (4324B) and that 229.2 AF under a license proposed to be issued pursuant to Permit 19725 would be used in normal years. In dry years, this licensed amount from Permit 19725 would be limited to 201.2 AF. This means that the amount to be dedicated to instream purposes under Permit 19724 would be 112.9 AF.

Once SWRCB staff reviews the proposal, it will be finalized and processing will begin. It's expected that the licensing process will take several years to work its way through the State Board's staff.

DRAFT

November 3, 2011

Matt McCarthy
State Water Resources Control Board
Division of Water Rights
PO Box 2000
Sacramento, CA 95812-2000

Re: Petition for Change – NMWD Lagunitas Creek Water Rights A25079 & A25062
(Permit 19724 and 19725)

Dear Mr. McCarthy:

Pursuant to our conversation on October 26th regarding clarifications needed on the subject petitions for change, NMWD has revised its analysis of actual diversions based on Annual Progress Reports by Permittee filed with the SWRCB from 1990 to 2010 (Attachment 1); the analysis was previously transmitted to you on September 27, 2011. The analysis now reflects the pre-1914 water right held by NMWD (Statement 8763) at the diversion rate of 0.05 cubic feet per second (cfs), available all year. In Water Right Order 95-17 (WR 95-17), amending water rights and requiring changes in water diversion practices to protect fishery resources and to prevent unauthorized diversion and use of water from Lagunitas Creek, the SWRCB concluded, based on evidence in the record, that NMWD holds a pre-1914 right to divert water. Page 107 of the June 30, 1995 staff analysis on the WR 95-17 Water Right Hearing states: "In the opinion of Division staff, North Marin has submitted adequate information to substantiate a pre-1914 claim for diversion of about 0.05 cfs from Lagunitas Creek."

Historically, NMWD has not accounted for Lagunitas Creek water diversions on an individual "water right-by-water right" basis, but in the future intends to do so. NMWD now proposes a diversion limit for licensing and instream uses – as shown on

Attachment 2 – which differs from that previously submitted. The pre-1914 water right equates to 36 acre feet (AF) per year which, as shown on Attachment 2, is distributed equally at 3 AF per month.

NMWD first enacted and implemented comprehensive water conservation regulations for its customers served from Lagunitas Creek in 1989. WR 95-17 confirmed this fact. Since 1990, NMWD's annual Progress Report by Permittee has identified a comprehensive water conservation program; reporting of the amounts conserved began in 2005. Under Water Code Section 1011, conserved water is deemed equivalent to reasonable beneficial use to the extent of the cessation or reduction in the use of water under appropriative water rights. A linear distribution of the amounts conserved from 1990 to 2005, as shown on Attachment 1, indicates the pre-1914 water right is approximately equal to the minimum amount being conserved since year 2000.

NMWD proposes that starting in year 2000, 36 AF should have been reported annually as the conserved amount, and adding this amount to the 378.1 AF diversion amount actually reported results in a new total diversion amount equal to 414 AF per year. Thus, during normal years, combined diversions (including the 36 AF that was conserved) under existing pre-1914 Statement 8763, License 4324B, and a license to be "issue[d]" which confirms the right to the appropriation of such an amount of water as has been determined to have been applied to beneficial use" (Water Code Section 1610) under Permit 19725, would total 414 AF, which is equal to the reported quantity diverted by NMWD in year 2000.

NMWD proposes that during normal future years, the 414 AF be accounted for in the following manner: 36 AF diverted under the pre-1914 basis of right (Statement 8763), 148.8 AF to be diverted under License 4324B, and the remainder (up to 229.2 AF

Matt McCarthy
November 3, 2011
Page 3

including conserved water deemed under Water Code Section 1011 to have been diverted) treated as being diverted under the license proposed to be issued under Permit 19725. This would leave a net of 112.9 AF dedicated to instream purposes, pursuant to Water Code Section 1707, under Permit 19724.

NMWD also proposes, as is also shown on Attachment 2, that in future dry years, 386 AF will be appropriated and will be accounted for as follows: 36 AF to be diverted under pre-1914 Statement 8763, 148.8 AF be diverted under existing License 4324B, and the remainder (up to 201.2 AF including conserved water deemed under Water Code Section 1011 to have been diverted) treated as being diverted under the license proposed to be issued under Permit 19725.

I hope that this information is satisfactory, and NMWD would appreciate an opportunity to meet with you to explain and answer any questions with regard to this proposal.

Sincerely,

Chris DeGabriele
General Manager

Enclosures

Cc: Robert Maddow (Bold, Polisner, Maddow, Nelson and Judson)

CD/rr

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SWRCB Water Right Permittee Reporting Summary

Permit/ License	Application Pre - 1914	Diversion Rate (cfs)	Quantity (AF)	Values shown below are in acre feet and reported as combined totals each month for water diverted under Permits 19724, 19725, License 4324B and Statement 8763.												Total Conserved
				January	February	March	April	May	June	July	August	September	October	November	December	
S8763	12.83	11.82	17.41	13.12	18.24	24.46	30.34	30.48	28.33	23.92	15.19	14.58	240.72	52		
L4324B	19.59	16.83	17.27	19.66	23.07	27.43	30.62	32.51	29.59	21.03	17.1	13.76	268.46	52		
P19724	21.6	20.04	23	23.56	30.49	37.86	35.21	36.4	31.4	29.9	22	21.3	318.8	50		
P19725	21.46	18.75	18.14	16.03	27.28	37.31	45.19	42.79	37.49	29.82	21.24	17.77	318.61	47		
	21.56	21.94	17.79	19.42	24.77	27.98	39.99	39.35	35.02	30.62	22.02	18.15	335.25	47		
	19.08	16.36	23.04	27.8	35.85	39.74	45.02	51.42	42.18	28.33	19.62	18.46	365.57	45		
	17.75	17.03	16.98	17.73	25.44	36.26	44.41	42.79	37.72	35.11	22.67	18.25	334.53	42		
	18.14	17.03	16.98	17.73	25.44	36.26	44.41	42.79	37.72	35.11	22.67	18.25	334.53	42		
	18.06	18.48	19.3	24.5	34.91	41.61	46.32	39.74	37.96	32.59	21.95	20.03	355.45	39		
	22.45	19.31	22.63	25.57	37.96	39.75	40.43	42.1	42.99	36.03	26.22	21.19	376.63	36		
	24.06	21.67	26.86	30.23	33.71	35.31	40.8	40.69	40.41	33.6	27.52	23.24	378.1	33		
	26	20	20	22	39	37	52	39	36	41	23	21	376	30		
	23	22	20	19	30	29	39	51	37	31	30	23	354	27		
	16	18	26	26	41	35	36	43	29	24	28	18	340	24		
	16	16	20	19	23	38	36	44	31	26	22	15	306	21		
	18	15	16	19	21	29	37	38	30	34	22	17	296	18		
	18.9	14.9	18.7	22.2	24.6	32.8	33.9	34.7	31.2	26.9	18.6	17.5	294.9	15		
	18.5	14	15.7	23.8	21.6	28.3	35.5	35.4	27.6	22.3	21.1	18.9	282.7	12		
	21.6	18.6	21.3	22.1	30.2	32.1	34.3	36.3	34.1	27.5	17.7	18.7	314.5	9		
	27.6	24.2	21.6	21.3	27.2	32.4	37.2	33.4	32.8	29.8	23	21.6	332.1	6		
	20.5	18.5	20.8	22.6	25.7	27.3	33.4	35.7	33	30.2	25.3	27.3	320.3	3		

1. Jan, 2001 value reported to SWRCB incorrectly at 27.45 and shown corrected above.

2. Apr, 2004 value reported to SWRCB incorrectly at 27.08 and shown corrected above.

3. Aug, 2006 value reported to SWRCB incorrectly at 47.19 and shown corrected above.

4. Conserved

amount was first reported in 2005. Highlighted is assumed Conserved amount shown linearly distributed from 1990 to 2004.

Proposed Water Right Diversion Limits for SWRCB Licensing (AF)

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Dry Year													
Pre-1914 S8763 License 4324B Permit 19725	3	3	3	3	3	3	3	3	3	3	3	3	36
Dry Year Total	23	23	23	23	27	35	14.8	37	37	30	30	26	148.8
Normal Year													
Pre-1914 S8763 License 4324B Permit 19725	26	26	26	26	30	38	39	40	40	33	33	29	201.2
Normal Year Total	26	26	26	26	30	38	39	40	40	33	33	29	386

Proposed Water Right Diversion Limits for SWRCB 1707 Dedication (AF)

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Year 2000 Reporting													
Year 2000 Reporting	24.06	21.67	26.86	30.23	33.71	35.31	40.8	40.69	40.41	33.6	27.52	23.24	378.1
Less Pre-1914 S8763	3	3	3	3	3	3	3	3	3	3	3	3	36
Less P19725 to License	23	23	23	27	35	23.2	7	7	8	4	26	23	229.2
Net P19724 to In-Stream	-1.94	-4.33	0.86	0.23	-4.29	9.11	30.8	30.69	29.41	26.6	-1.48	-2.76	112.9

15

MEMORANDUM

To: Board of Directors

November 11, 2011

From: Robert Clark, Operations / Maintenance Superintendent *RC*

Subj: Update – Point Reyes Well Production Status

x:\maint sup\2012\bod\pt reyes wells 1111.doc

RECOMMENDED ACTION: None at this time

FINANCIAL IMPACT: \$80,000

At the regular September 6, 2011 Board of Directors' meeting, staff presented a briefing on the history, current conditions and water quality implications of the reduced-capacity Point Reyes Well No. 3. The Board at that time authorized the General Manager to execute contract services agreements for the replacement water supply for an amount not to exceed \$30,000.

Over the past two months, along with the consulting firm of Winzler & Kelly, staff has developed a plan to replace Well No. 3 without disturbing the existing Point Reyes well production. The plan is to drill a soil sample boring and use the geological data collected to design a well casing and replacement well. This will allow the drilling contractor to minimize set-up costs by having the casing onsite when they begin drilling the well. Also, staff has submitted an application for the well permit to Marin County. The permit for the soil sample boring has been granted. Approval for the final well is ongoing and needs to address both California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) compliance.

Efforts to procure emergency funding through Department of Public Health (DPH) did not materialize, as DPH determined that the District has not completely lost the ability to supply water; nor is there an immediate public health impact. Therefore, emergency funding is not warranted. DPH has indicated that the District will need to prove that the replacement well is not under the influence of surface water and has asked that we provide test data through the rainy season. Staff will continue to work with the DPH engineers to determine if the past surface water investigations we have performed will be sufficient for the replacement well.

The cost and construction schedules have been updated to reflect up-to-date information. The initial cost of \$30,000 was to begin the planning and design efforts; staff has a design task order to Winzler & Kelly for \$15,900; the Weeks Drilling Company has been hired to drill the soil sample boring for \$3,300; and the Marin County well permit fee was \$1,240. Additional costs will include: a contract to drill the final well (approx. \$45,000), DPH water supply

permit (\$2,500), miscellaneous District staff costs to set up the pump and perform start-up and testing (\$6,500) and a \$5,560 contingency. Therefore, the total engineer's conceptual level project costs are expected to be \$80,000.

Construction Schedule*

<u>Start Date</u>	<u>Task</u>	<u>Finish Date</u>
November 2	Submit well permit application	
November 4	Well design	November 18
November 15	Drill soil boring and evaluate	November 30
November 21	Complete Casing design	November 30
November 7	Complete well permit application follow-up	November 30
November 1	Contract Bid for final well drilling	November 30
December 12	Drill final well	December 16
December 19	Testing and DPH reports for final permit	May 30

* Assumes approval for both CEQA and NEPA exemption due to small replacement project.



Point Reyes Well and Treatment Plant Vicinity Map

16

DISBURSEMENTS - DATED NOVEMBER 2, 2011

Date Prepared: 11/1/11

The following demands made against the District are listed for approval and authorization for payment in accordance with Section 31302 of the California Water Code, being a part of the California Water District Law:

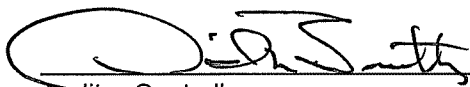
Seq	Payable To	For	Amount
1*	Bank of Marin	AEEP Loan Fee (1%) and Legal Costs \$5,000	\$85,000.00
2	Alpha Analytical Labs	Lab Testing (Novato)	\$55.00
3	American Family Life Ins	October Employee Contrib for Accident, Disability & Cancer Ins	3,471.90
4	AT&T Mobility	Cellular Charges: Monthly (\$445) & Airtime (\$4) (15)	450.00
5	AT&T	Telephone Charges: Leased Lines	62.76
6	AT&T	Telephone Charges: Leased Lines (\$412), Local (\$7) & Minimum (\$684)	1,103.29
7	Baker, Jack	October Director's Fee	100.00
8	Bank of the West	July/August Service Charge on Operating Account	630.28
9	Bentley, David L.	Exp Reimb: October Mileage	21.09
10	Bold & Polisner	September Legal Fees: Caltrans CEQA Compliance (\$683), AEEP Segment B1 (\$148), AEEP Loan Procurement Cost (\$74), Crest Tank #1 Recoat (\$37), Lagunitas Water Rights (\$468), RW Expansion So Phase 1B (\$277) & AEEP Litigation (\$2,782)	4,469.60
11	California State Disbursement	Wage Assignment Order (3)	1,478.50
12	Castro, Josephine	Refund Overpayment on Idle Account	132.69
13	Core Utilities	Consulting Services: September IT Support (\$5,000), SCADA (\$225) & Modify SCADA Screen (\$375)	5,600.00
14	Crumpler, Jimmy R.	Novato "Cash for Grass" Program	75.00
15	Environmental Resource Asso	Annual Performance Evaluation Samples (Lab)	1,062.48

Seq	Payable To	For	Amount
16	Everett, L. Jr	Refund Overpayment on Account	596.49
17	Fraites, Rick	October Director's Fee (\$200) & North Bay Watershed Assoc Meeting-10/7 (\$100)	300.00
18	Ghilotti Construction	Refund Overpayment on Closed Account	542.12
19	Grainger	Reciprocating Saw Blades (20) (\$86) & Air Compressor Tank Automatic Drain Valve (\$109)	195.87
20	Graybar	Radio Assemblies to Convert from Leased Line Level Signals to Radio @ Sunset & Pacheco Tanks (\$4,096) (Budget \$4,500) & Terminal Blocks (6) (\$74)	4,170.76
21		Cafeteria Plan - Child Care Reimbursement	300.77
22	Groeniger	Butterfly Valve (\$1,077), Ells (2), Hyd Ext (\$77), Reducer (6) (\$32) & Vault Lids (2) (\$3,199)	4,403.50
23	Hertz Equipment Rental	Arrow Board Rental (9/26-10/11/11) (So Novato/Rowland Main Break #2)	153.39
24	Holton, Nancy	Exp Reimb: Mileage & Parking (LAIF Conference)	106.80
25	Kaiser Permanente	Pre-Employment Physical (Blunt) & DMV/DOT Physical (Arendall)	135.00
26	Lab Safety Supply	Magnesium Standard (\$34), Chem Fluoride (\$48), Nitrile Gloves (1,200) (\$151), Disposable Gloves (600) (\$88), Infrared Thermometer Dual Laser (\$185) & Nitrite Standards (\$48) (Lab)	554.26
27	Lincoln Life	Deferred Compensation PPE 10/31	9,372.33
28	Maestri, James	Novato "Washer Rebate" Program	50.00
29	Marin County Recorder	July, August & September Photocopies of Official Records (4)	28.00
30	Marin Highland Ventures	Refund Excess Advance for Const Over Actual Job Cost (Cabro Ct Land Division)	93.82
31	Marin, County of	Point Reyes Well Replacement Permit for Soil Boring & Replacement Well	1,240.00
32	Drew McIntyre	Exp Reimb: Mileage (\$239), Lodging (\$178) & Meals (\$69) (CA-NV AWWA Conference)	486.59

Seq	Payable To	For	Amount
33		Cafeteria Plan - Uninsured Medical Reimbursement	500.00
34	Monelli, Angela	Refund Overpayment on Closed Account	28.75
35		Wage Assignment Order	284.00
36	National Deferred	Deferred Compensation PPE 10/31	750.00
37	New Pig	Absorbent Spill Mats (2) (\$77) & Absorbent Spill Drain Mat (\$105) (Shop)	182.54
38	Novato Police Dept	Telephone Answering Service (Aug - Oct)	600.00
39	NTU Technologies	Polymer (2,200 lbs) (STP)	6,028.00
40	Pace Supply	Hydrant Bury (2) (\$550), Ells (144) (\$884), Box Lids (11) (\$1,287), Hyd Ext (3) (\$308), Galv Pipe (21'), Brass Unions (53) (\$498), Reducer Flange (\$471), Bushings (5), Couplings (155) (\$2,730), Tee, Nipples (105) (\$506), Reducer (\$460), Vaults (2) (\$1,094), Pipe (80') (\$1,382), Brass Plugs (9), Meter Adapter (2) (\$231), Bolts (110), Box Valve, Meter Boxes (2), Corp Key (7), 2" Copper Pipe (260') (\$3,935), 2" Meter Stops (8) (\$1,472), Corp Stops (18) (\$2,714), Brass Caps (3) (\$87) & Valves (11) (\$51)	21,810.19
41	Paniagua, Rigoberto	Refund Overpayment on Closed Account	64.38
42	Pape Machinery	Throttle Shaft Arm, Spring & Pin ('04 John Deere Backhoe)	154.56
43	PERS Health Benefits	November Health Insurance Premium	63,854.92
44	Petterle, Stephen	October Director's Fee	200.00
45	PG & E	CA Solar Initiative Application Fee	10,000.00
46	Point Reyes Light	Display Ad: Salinity Intrusion Into Pt Reyes Well Supply	30.00
47	Pratt, Kenneth	Novato "Washer Rebate" Program	50.00
48		Cafeteria Plan - Child Care Reimbursement	21.40
49	Rodoni, Dennis	October Director's Fee	200.00
50	Schoonover, John	October Director's Fee Less Deferred	150.00

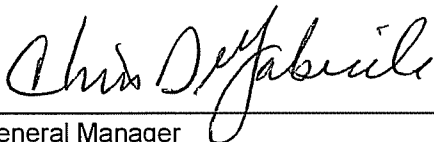
Seq	Payable To	For	Amount
51	State Water Resources Control	Wastewater Treatment Plant Operator Certificate Renewal (Stafford) (1/12-12/14)	130.00
52	Stultz, Josh	Novato "Washer Rebate" Program	50.00
53	Syar Industries	Rock (5.88 tons)	182.15
54	United Parcel Service	Delivery Service: Plans & Specs - Recycle	11.66
55	USA BlueBook	pH Buffer & Silver Nitrate (Lab)	72.96
56	Valley Slurry Seal	Refund Security Deposit on Hyd Meter Less	809.81
57	Van Bebber Bros	Reinforcement Plate for Pipe (\$131) & Anchor Plates for Valves (\$399) (Hamilton Elementary)	530.77
58	Van Den Toorn, Cattarina	Novato "Toilet Rebate" Program	75.00
59	Verizon California	Telephone Charges: Leased Lines (\$485) &	555.84
60	Waste Management	Trash Dumping (Misc Debris)	113.19
61	West County Trans Agency	Smoke Opacity Testing on Diesel Trucks (6)	189.00
62	Williamson, Nancy	Exp Reimb: Mileage (ARRA Training @ SCWA)	73.26
63	Winters, Debbie	Novato "Washer Rebate" Program	50.00
64		Cafeteria Plan - Child Care Reimbursement	440.00
		TOTAL DISBURSEMENTS	<u>\$234,634.67</u>

The foregoing payroll and accounts payable vouchers totaling \$243,634.67 are hereby approved and authorized for payment.



Auditor-Controller

11/1/11
Date



General Manager

11/1/2011
Date

NORTH MARIN WATER DISTRICT CHECK REQUEST

(Check Request form to be used only when payee cannot provide an invoice or statement)

PAYEE: FRAITES, RICK 50 FORREST RD NOVATO, CA 94947	DATE <div style="font-size: 1.5em; text-align: center;">10/16/11</div>
	TOTAL <div style="font-size: 1.5em; text-align: center;">100.00</div>

PURPOSE: DIRECTOR'S FEE


CHARGE TO:

DISPOSITION OF CHECK

- MAIL TO PAYEE
- HOLD FOR
- OTHER

REQUESTED BY _____

APPROVED TO PAY BY _____

Prepared By <i>JM</i>	Accounting Review	POST DATE <i>10/11</i>	Vendor No FRAI01	 NORTH MARIN WATER DISTRICT
--------------------------	-------------------	---------------------------	---------------------	--

Invoice Number	Invoice Date	Invoice Amount
<i>CRAG 101211</i>	<i>10/12/11</i>	<i>100.00</i>

NMWD Comment:

North Bay Watershed Assoc. Meeting - 10/7 (\$100)

Job Number	GL Account	Amount
	56001.01.11	<i>100.00</i>

TOTAL *100.00*

DISBURSEMENTS - DATED NOVEMBER 9, 2011

Date Prepared: 11/8/11

The following demands made against the District are listed for approval and authorization for payment in accordance with Section 31302 of the California Water Code, being a part of the California Water District Law:

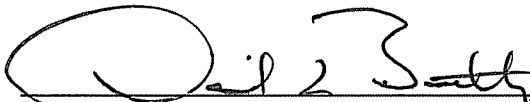
Seq	Payable To	For	Amount
P/R*	Employees	Net Payroll PPE 10/31	\$119,989.99
EFT*	Bank of the West	Federal & FICA Taxes PPE 10/31	41,975.61
1	Aberegg, Michael	Drafting Services: Chipotle Mexican Grill (Balance Remaining on Contract \$14,724)	550.00
2	American Water Works Assoc	Membership Dues (DeGabriele) (1/12-12/12) (Budget \$3,600)	3,487.00
3	Athens Administrators	November Admin Fee	1,000.00
4	Badger Meter	3" Meter (Indian Valley College)	1,604.06
5	Bank of Marin	Opening Deposit for Bank of Marin Checking Account to Process \$8 Million Loan	100.00
6	Bay Area Air Quality Mgmt Dist	Annual Permit Renewal (To Operate Fuel Tanks)	239.16
7	BioMarin Pharmaceutical	Refund Excess Advance for Const Over Actual Job Cost-Biomarin (95 Digital Dr Less \$416 Outstanding Invoice for 46 Galli Dr Project)	8,829.77
8	Block, Louis	Novato "Washer Rebate" Program	50.00
9	Borger	Replacement Pump Ends (2) (OM) (Tahiti Way)	13,387.00
10	Business Card	Calibration of Infrared Meter (Lab) (\$135), Cal/OSHA Penalty (\$511) (STP), Sample Receipt Logbook (Lab) (\$26), Templates (11), Plotter Pens (4) & SS Tee Square (\$298) (Eng), Internet Pymt Fee (\$98), Reg Fee: Agenda Practices & Minutes Preparation Class (Roberts & Young) (\$99), Extended Sockets (4) (\$131), Electric Eraser (Eng) (\$75), Liability Insurance for District Holiday Party (\$179), North Bay Leadership Luncheon (\$50) (DeGabriele), Birthday Breakfasts (\$115) & Publication: Old Farmer's Almanac (\$11)	1,729.58

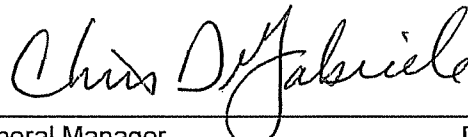
Seq	Payable To	For	Amount
11	State of California	State Tax & SDI PPE 10/31	8,539.21
12	Carpenter, Tokiko	Novato "Washer Rebate" Program	50.00
13	Catholic Charities CYO	Easement to Cross CYO Properties (Recycled Water South)	11,100.00
14	CDW-Government	Power Supplies for Control Panels (4) (Radio Expansion Telemetry Upgrade)	381.40
15	Centrisys	Teflon Joint Sealant	88.61
16		Vision Reimbursement (\$69) & Cafeteria Plan - Uninsured Medical Reimbursement (\$127)	196.00
17	The Climate Registry	Annual Membership Dues (Clark) (1/12-12/12) (Budget \$800)	750.00
18	Cole-Parmer Instrument	Electrode Fluoride (Lab)	350.89
19	HSBC Business Solutions	Coffee (25 lbs)	96.95
20	Cummings Trucking	Rock (65 yds) (\$1,759) & Sand (50 yds) (\$2,070)	3,829.37
21	De Gabriele, Chris	Exp Reimb: October Mileage	191.47
22	Environmental Resource Asso	Annual Performance Evaluation Samples (Lab)	370.86
23	Environmental Science Assoc	Prog Pymt #9 & #10: SRF Environmental Support Services-North & South (Balance Remaining on Contract \$18,495)	58,109.73
24	Farley, Linda	Novato "Washer Rebate" Program	50.00
25	Grainger	Electrical Mounting Channel (3) (\$25), Adjustable Wrenches (2) (\$59), Sledge Hammers (2) (\$88) & Cable Ties (500)	192.80
26	Hach	Chlorine (Lab) (\$168), Chlorine Reagent (\$320), Ascorbic Acid (\$93) & Alkaline Cyanide Reagent (\$60) (STP)	641.18
27	Hello Direct	Replacement Telephone Head Set (Solar)	370.51
28	High-Purity Standards	Chlorite Standard (Lab)	98.98
29	Irrigation Association	Certification Renewal (Grisso) (1/12-12/12) (Budget \$110)	100.00

Seq	Payable To	For	Amount
30	Jackson, Julie	Novato "Washer Rebate" Program	50.00
31	Jafri, Najm	Refund Overpayment on Closed Account	51.11
32	Johnstone, Daniel	Plumbing Services (7 Larch Dr)	72.00
33	Kemira Water Solutions	Ferric Chloride (9.61 tons)	7,107.36
34	Kennedy, Virginia	Novato "Toilet Rebate" Program	75.00
35		Cafeteria Plan - Child Care Reimbursement	416.66
36	MacDonald, R.F.	Replacement Pump & Motor for Windhaven PS	981.83
37	Maltby Electric	Conduit Straps (12) (Radio Expansion Telemetry Upgrade)	17.76
38	Manco	RTU Parts - Terminal Block Jumpers (10) (Radio Expansion Telemetry Upgrade)	28.05
39	Marin Landscape Materials	Fabric for Sediment Pond @ STP (\$65) & Concrete (96-50lb sacks) (\$698)	762.62
40	MCC Control Systems	Programming Modifications for STP Programmable Logic Controllers	1,195.00
41	National Notary Association	Notary Insurance Renewal (1 yr) (Young) (Budget \$60)	33.00
42	Novato Builders Supply	Roof Shingles, Lumber (\$93), Drill Bits, Screws, Nut Driver, Nails, Metal Stakes (12) (\$39), 5/8" Rebar (9) (\$117), Dobies (12) & Anchor Bolts (16) (\$157)	530.56
43	Nute Engineering	Engineering Services: Hamilton Area Recycled Water Project (Balance Remaining on Contract \$25,237)	21,584.50
44	O'Hala-Trumbo, Sarah	Novato "Washer Rebate" Program	50.00
45	PERS Retirement System	Pension Contribution PPE 10/31	43,090.97
46	Point Reyes Light	Display Ad: Salinity Intrusion Into Pt Reyes Well Supply	30.00
47	Printz, Shirley	Novato "Toilet Rebate" Program	75.00

Seq	Payable To	For	Amount
48	RMC Water & Environment	Engineering Services: Recycled Water Project Title 22 Report (Balance Remaining on Contract \$23,869)	685.55
49	Sequoia Safety Supply	Leather Gloves (48) (\$253) & Safety Glasses (24) (\$79)	332.55
50	Shirrell Consulting Services	October Dental Expense (\$3,636) & November Dental Insurance Adm Fee (\$283)	3,929.80
52	Sierra Chemical	Chlorine (2 tons)	1,013.33
53	Univar	Sodium Hydroxide (25,492 Lbs)	8,221.17
54	Verizon Wireless	October CIMIS Station Data Transfer Fee (2)	18.94
TOTAL DISBURSEMENTS			<u>\$368,802.89</u>

The foregoing payroll and accounts payable vouchers totaling \$368,802.89 are hereby approved and authorized for payment.

 11/9/11
 Auditor-Controller Date

 11/8/2011
 General Manager Date

PAUL S. MAMALAKIS

*7 Larch Drive
Novato, CA 94947-5208
(415) 892-7361*

November 1, 2011

RECEIVED

North Marin Water District
999 Rush Creek Place
Novato, CA 94945

NOV 04 2011

North Marin Water District

Attention: John C. Schoonover
President NMWD Board of Directors

Re: Account # 1364601

Dear Mr. Schoonover:

My October 11 letter is self-explanatory. Mr. DeGabriele promptly made an onsite inspection with his foreman and put all the steps into motion to have the problem remediated within a two-week period.

The work crew was extremely efficient and careful to restore our property to its original condition.

David Bentley should also be singled out. When the final work was being done, an unforeseen complication occurred. He quickly took charge and brought the resources to bear to correct the situation.

All these individuals comported themselves as consummate professionals and are a credit to the water district.

Sincerely,

Paul S. Mamalakis

Paul S. Mamalakis

PAUL S. MAMALAKIS

*7 Larch Drive
Novato, CA 94947-5208
(415) 892-7361*

North Marin Water District
999 Rush Creek Place
Novato, CA 94945

October 11, 2011

Attention: Chris DeGabriele
General Manager

Re: Account # 1364601

Dear Mr. DeGabriele:

About a year ago, we noticed a substantial leak emanating from our water meter. We contacted your organization and a technician was quickly dispatched. He initially determined the leak was not our responsibility and subsequently installed a new meter with a leak detector that confirmed his findings.

It should be noted that we do not have a sprinkler or irrigation system in our front yard; the watering of our landscaping is done by hand; a review of our billing statements will show that we are well below the average and there has not been a spike in water usage, since this occurred.

To identify the source of the problem, he arranged for a specialist to do a sounding of the area. The first thing this individual related was that our development was notorious for this type of problem. He explained that the root cause was attributed to a batch of defective plastic piping. Indeed, our neighbors and the homeowners on Almond and Quince have experienced identical problems and the water district has replaced the lines to the meter from the center of their streets.

Because of road noise from South Novato Boulevard, he was unable to pinpoint the origin of the leak and suggested that we should live with the situation, until the line completely ruptures.

Employing a wait-and-see approach made no sense to us, but he claimed the district had other priorities and there wasn't sufficient money in the budget to deal with our leak. Although he promised that the NMWD would periodically monitor the situation, to our knowledge, there has been no follow up. In fact, the leak has grown worse – migrating into a larger portion of our front yard and spilling over the sidewalk.

As strong advocates for water conservation, it is disturbing to witness this water being wasted. Furthermore, we are concerned that the sidewalk could be undermined and a sink hole might develop in the area on the street from which the water is obviously radiating.

Finally, we find it perplexing that we are being treated differently than our neighbors. Any assistance you can render in helping to resolve this matter would be greatly appreciated.

Sincerely,

Paul S. Mamalakis

MEMORANDUM

To: Board of Directors
From: Dianne Landeros, Accounting/HR Supervisor
Subj: Payee Field Left Blank on Disbursement Lists
t:\finance\memos\bod disbursements payee blank.docx

November 11, 2011

RECOMMENDED ACTION: None – Information Only

FINANCIAL IMPACT: None

Director Baker noted an apparent increase in the number of disbursements where the payee column is left blank, so we thought we would document the reasons.

Staff prepares a weekly Disbursement List for the Board of Directors' review and approval. The payee field has been left blank to protect the privacy of the payee since August 1998 (garnishments) and since February 2007 (all other types due to federal HIPPA law) for the following types of disbursements:

1. Cafeteria Plan – Child Care Reimbursement
2. Cafeteria Plan – Uninsured Medical Reimbursement
3. Vision Reimbursement
4. Wage Assignment Order (Wage Garnishments)

MEMORANDUM

To: Board of Directors

November 11, 2011

From: David L. Bentley, Auditor-Controller

Subj: Information - Automatic Payment Service/Email Bill Update

t:\cons srvc\aps\aps memo 11.docx

RECOMMENDED ACTION: Information Only

FINANCIAL IMPACT: APS saves the District \$10,500 annually, and saves each participating customer \$2.94 annually (\$10,800 cumulatively)
Email bills save the District \$2,500 annually

On May 2, 1997, the District commenced the Automatic Payment Service (APS) program. The goal was to attract 8% (1,700) of District customers into the program. There are now 3,673 customers (17%¹) that pay their bill by direct debit through their checking account, up 73 customers from one year ago. We continue to see more customers are paying online through their bank, and via credit card through the District website. A message on the bill continues to encourage customers to sign-up for APS.

Staff originally calculated the bank charge to be 16.7¢ per bill. Using actual bank charges and participants today, the current rate per customer, under the new agreement with U.S. Bank, is 5.25¢², or \$1,300 annually. The District's average cost to process a check is 53¢. Thus APS eliminates over \$10,500³ annually in check processing cost. APS also saves each participating customer the cost of a 5¢ check and 44¢ postage six times per year (\$2.94).

In November of 2002, the District commenced collecting email addresses from customers desiring to have their bill delivered via email. Now 899 customers receive their bill via email only, an increase of 153 from one year ago. The email bill eliminates the cost of paper statements, envelopes, printing and postage, which costs \$2.78⁴ per account annually, saving the District \$2,500 annually.

¹ 10/31/11 active accounts = 21,238 (Novato: 20,244; RW: 2; WM Water: 765; OM: 227).

² \$7/mo flat charge divided by 6 batches (4 water + 2 payroll) X 4 APS/mo X 12 months = \$56 divided by 22,038 (3,673 APS customers X 6 transactions year) = 0.25¢ + 5.0¢/transaction = 5.25¢/transaction.

³ (53¢ - 5.25¢) x 6 x 3,673 = \$10,523

⁴ 13.1¢/bill + 33.3¢ average postage rate = 46.4¢ x 6 = \$2.78/yr x 899 = \$2,499

MEMORANDUM

To: Board of Directors

November 11, 2011

From: David L. Bentley, Auditor-Controller

Subj: Information – FY12/13 CalPERS Employer Rate
t:\ac\word\personnel\pers\fy13 rate.docx

RECOMMENDED ACTION: Information Only

FINANCIAL IMPACT: \$1,062,000 in FY13 – a \$31,000 Increase from FY12

CalPERS notified the District that its fiscal year 2012-2013 employer contribution rate will increase by 0.793% of payroll, or about \$31,000 annually. The total contribution that the District will pay next fiscal year, including the 8% employer-paid employee contribution (pursuant to salary/labor agreements with employees), will be 26.974% of payroll, or \$1,062,000¹. This is down \$11,000 from the amount projected by CalPERS actuarial staff one year ago, due to the reduction in the District's salary base.

A CalPERS preliminary projection for the following fiscal year, FY13/14, shows that the District should anticipate a \$1,072,000¹ contribution (27.2% of payroll).

North Marin Water is one of 164 agencies assigned by CalPERS to a "pooled risk group" of agencies having less than 100 employees that participate in the 2.5% at 55 benefit plan. The risk pooling program was implemented over the District's objection in 2003. The funded ratio² for NMWD's pool was 63.9% at June 30, 2010 (the most recent data available), an increase of 4.5% over the prior year³. This compares to a funded ratio of 88.0% at June 30, 2008.

The significant decrease in the 2010 funded ratio compared to 2008 is 75% attributable to a 28% increase in the projected value of benefits payable to both active and retired employees, and 25% attributable to a 7% decline in the market value of assets available to pay benefits⁴. Of interest, while NMWD saw a 3% increase in the number of its retirees during fiscal years 2009 and 2010, the District's risk pool saw a 23% increase. The mandatory pooled risk program has clearly been detrimental to NMWD.

¹ Amount is based on current payroll of \$3.97 million.

² Funded status is calculated as the market value of assets divided by the accrued liability.

³ The unfunded liability for the combined 164 agencies was \$369M. Based on NMWD's payroll as a percent of total payroll of the 164 agencies, NMWD's share of the unfunded liability was about \$4.2M.

⁴ CalPERS reported a 24% investment loss in FY08-09, offset by a 20% gain in FY09-10.

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Thompson co-sponsors bill that would lead to dam removal from Klamath River

By JEFF BARNARD
ASSOCIATED PRESS

Published: Thursday, November 10, 2011 at 10:05 a.m.

Lawmakers from the Pacific Northwest are asking Congress for approval to spend nearly \$800 million to restore salmon and sustain irrigation for farmers in the Klamath Basin of Southern Oregon and Northern California, where some of the bitterest battles in the nation have been fought over sharing water between fish and farms.

A bill introduced Thursday in Washington would authorize implementation of two landmark agreements to remove four dams.

Estimated to represent \$536 million in new federal spending and \$262 million in existing funding that would be redirected, the Klamath Basin Economic Restoration Act is widely anticipated to face a tough road in Congress, where budget cutting has been a top priority among Republicans.

"This legislation is proof that through collaboration and hard work we can move beyond the disputes of the past and create a stronger foundation for economic growth," co-sponsor Sen. Jeff Merkley, D-Ore., said in a statement.

Co-sponsor Rep. Mike Thompson, D-St. Helena, said in a statement the agreements represent the best way forward for the Klamath Basin.

"The dam removals will not only benefit our river basin by restoring fish and wildlife habitats, it will strengthen our economy by creating more than 4,600 jobs," Thompson said.

The agreements were signed in 2008 by Oregon and California, tribes, conservation groups and farmers to end decades of battles over sharing scarce water between farms on a federal irrigation project and fish.

The bill would authorize the U.S. Department of Interior to decide whether to remove four hydroelectric dams on the Klamath River to open some 300 miles of spawning habitat to salmon blocked for a century and give farmers better assurances of irrigation water that was shut off during a drought in 2001 to protect threatened salmon.

When irrigation was restored in 2002, tens of thousands of adult salmon died before they could spawn in low and warm water conditions that spread disease.

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The following person(s) is (are)

doing business as: 01: North Bay Short Sales, 55 Gall Dr., Ste J, Novato, CA 94949; 02: Abel Financial Services, 55 Gall Dr., Ste J, Novato, CA 94949; This business is conducted by an individual: Herman David Abel, 64 Montego Key, Novato, CA 94949; This statement was filed with the County Clerk of Marin County on October 12, 2011, signed, O Lobato, Deputy, Published in the Point Reyes Light October 20, 27, November 3, 10, 2011.

Fictitious Business Name Statement
File No. 127827
The following person(s) is (are) doing business as: P.S. & Q Jewelry Designs, 328 N. Fendalale Ave., Mill Valley, CA 94941. This business is conducted by an individual: Pamela Stuart, 328 N. Fendalale Ave., Mill Valley, CA 94941. This statement was filed with the County Clerk of Marin County on September 23,

3, 10, 2011.

Fictitious Business Name Statement
File No. 2011127940
The following person(s) is (are) doing business as: Nicki Nikla, 521 Larkspur Plaza Dr., Larkspur, CA 94939. This business is conducted by an individual: Junio Van Norman, 521 Larkspur Plaza Dr., Larkspur, CA 94963. This statement was filed with the County Clerk of Marin County on October 11, 2011, signed, J Whitney, Deputy, Published in the Point Reyes Light October 20, 27, November 3, 10, 2011.

Fictitious Business Name Statement
File No. 127952
The following person(s) is (are) doing business as: Into the Blue, 11101 Hwy 1, Pt. Reyes Station, CA 94956. This business is conducted by an individual: James Byron Murnyan, 182 Laurel Ave., Inverness, CA 94937. This statement was filed with the

County Clerk of Marin County on September 27, 2011, signed, J

Marrison, Deputy, Published in the Point Reyes Light October 27, November 3, 10, 17, 2011.

Fictitious Business Name Statement
File No. 127885
The following person(s) is (are) doing business as: 01: M/G Business Ventures, 4040 Civic Center Dr., Ste. 200, San Rafael, CA 94903; 02: M/G Consulting Group, 4040 Civic Center Dr., Ste. 200, San Rafael, CA 94903. This business is conducted by an individual: Michael Guy, 4040 Civic Center Dr., Ste. 200, San Rafael, CA 94903. This statement was filed with the County Clerk of Marin County on September 28, 2011, signed, J Marrison, Deputy, Published in the Point Reyes Light October 27, November 3, 10, 17, 2011.

Fictitious Business Name Statement
File No. 128027
This business is conducted by an individual: Michael Guy, 4040 Civic Center Dr., Ste. 200, San Rafael, CA 94903. This statement was filed with the County Clerk of Marin County on September 28, 2011, signed, J Marrison, Deputy, Published in the Point Reyes Light October 27, November 3, 10, 17, 2011.

Group, 70 Castle Rock Ave., Woodacre, CA 94973. This

business is conducted by an individual: Audrey Seymour, 70 Castle Rock Ave., Woodacre, CA 94973. This statement was filed with the County Clerk of Marin County on October 14, 2011, signed, J Whitney, Deputy, Published in the Point Reyes Light October 27, November 3, 10, 17, 2011.

Fictitious Business Name Statement
File No. 128065
The following person(s) is (are) doing business as: Bon Air Surgery Center, 575 St. Francis Drake Blvd., Ste. 3, Greenbrae, CA 94904. This business is conducted by a limited liability company: Bon Air Surgery Center LLC, 575 St. Francis Drake Blvd., Ste. 3, Greenbrae, CA 94904. This statement was filed with the County Clerk of Marin County on October 27, 2011, signed, O Lobato, Deputy, Published in the Point Reyes Light November 3,

Group Consulting, 321 Cypress

Dr., Fairfax, CA 94930. This business is conducted by an individual: Bob Kopenman, 321 Cypress Dr., Fairfax, CA 94930. This statement was filed with the County Clerk of Marin County on October 19, 2011, signed, O Lobato, Deputy, Published in the Point Reyes Light November 3, 10, 17, 24, 2011.

Fictitious Business Name Statement
File No. 2011127968
The following person(s) is (are) doing business as: 01: Visitor Studier Services, 115 Tish Dr., Novato, CA 94947; 02: Visitorstudies.com, 115 Tish Dr., Novato, CA 94947. This business is conducted by an individual: Wendy S. Meluch, 115 Tish Dr., Novato, CA 94947. This statement was filed with the County Clerk of Marin County on October 14, 2011, signed, J Whitney, Deputy, Published in the Point Reyes Light November

Reyes, CA 94956. This business

is conducted by an individual: Ella Zarrin, 240 Silver Hills Rd., Point Reyes, CA 94956. This statement was filed with the County Clerk of Marin County on October 28, 2011, signed, J Whitney, Deputy, Published in the Point Reyes Light November 3, 10, 17, 24, 2011.

Fictitious Business Name Statement
This statement was filed with the County Clerk of Marin County on October 20, 2011, signed, O Lobato, Deputy, Published in the Point Reyes Light November 3, 10, 17, 24, 2011.

1000 Fifth Ave., Ste. B, San

Rafael, CA 94901. This business is conducted by an individual: Alina Bustanza Lopez, 577 Via Castas, Greenbrae, CA 94004. This statement was filed with the County Clerk of Marin County on October 20, 2011, signed, O Lobato, Deputy, Published in the Point Reyes Light November 3, 10, 17, 24, 2011.

NOTICE
Salinity intrusion into the Point Reyes well supply serving the West Marin communities of Point Reyes Olema, Inverness Park, and Paradise Ranch Estates has occurred beginning on August 16, 2011 and has caused sodium levels to increase from background levels of 15-30 milligrams per liter (mg/l). The table below lists most recent concentrations for sodium and chloride in the West Marin water supply:

Date	Sodium	Chloride	Units
11/1/2011	52	93	mg/l*
10/25/2011	51	77	mg/l*

*milligrams per liter
Chris DeGabriele, General Manager
North Marin Water District
Published in the Point Reyes Light, October 27 2011

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