



FOR ACCESSIBLE
MEETING INFORMATION
CALL: (707) 543-3350
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TECHNICAL ADVISORY COMMITTEE

MONDAY: JULY 6, 2009
Laguna Treatment Plant
4300 Llano Road, Santa Rosa, CA

9:00 a.m. (Estuary / Wetlands Conference Room)

1. Check In
2. Public Comment
3. Summer 2009 Water Contractor Statistics
4. Temporary Allocation of Water Deliveries
5. Sonoma-Marín Saving Water Partnership
6. SCWA Strategic Alternatives
7. Biological Opinion Status Update
8. Items for next agenda
9. Check Out



Minutes of Technical Advisory Committee-Draft
Meeting of July 6, 2009

Attendees: Chris DeGabriele, North Marin Water District
Drew McIntyre, North Marin Water District
Krishna Kumar, Valley of the Moon Water District
Milenka Bates, City of Sonoma
Laurie Gallian, City of Sonoma
Remleh Scherzinger, City of Petaluma
Darrin Jenkins, City of Rohnert Park
Jake Mackenzie, City of Rohnert Park
Pamela Jeane, SCWA
Spencer Bader, SCWA
Jay Jasperse, SCWA
Matt Vail, SCWA
Michael Thompson, SCWA
Miles Ferris, City of Santa Rosa
Glen Wright, City of Santa Rosa
Miles Ferris, City of Santa Rosa
Greg Scoles, City of Santa Rosa
Jennifer Burke, City of Santa Rosa
Steve Dittmer, City of Santa Rosa
Janet Reisner, City of Santa Rosa
Damien O'Bid, City of Cotati
Richard Burtt, Town of Windsor
Paul Helliker, MMWD

Public Attendees: Brenda Adelman, RRWPC
David Keller, FOER
J. Dietrich Stroeh, Stuber-Stroeh Engineering Group
Jim Grossi, CSW Stuber-Stroeh
Bob Anderson, United Wine Growers
Terry Stubbings, Stubbings Consulting
Dawna Gallagher

1. Check In:

Chris DeGabriele, North Marin Water District, called the meeting to order at 9:00 a.m. The attendees checked in. Mr. DeGabriele noted that approval of the June 1, 2009 TAC minutes was inadvertently left off the agenda and asked if approval of the June 1, 2009 minutes could be added as agenda item 1a. Miles Ferris, City of Santa Rosa, made a motion to add approval of the minutes as agenda item 1a. Darrin Jenkins, City of Rohnert Park, seconded. All approved.

1a. Recap from the June 1, 2009 TAC Meeting and Approval of Minutes:



Miles Ferris, City of Santa Rosa, made a motion to approval the minutes from the June 1, 2009 TAC meeting. Darrin Jenkins, City of Rohnert Park, seconded. All approved.

2. Public Comment

Dawna Gallagher mentioned that long time public attendee, Paul Stutrud, recently passed away.

Brenda Adelman brought pictures of the Russian River water levels in the vicinity of Monte Rio and passed them around for the TAC's review.

3. Summer 2009 Water Contractor Statistics

Chris DeGabriele stated that in response to the State Board Order requiring the SCWA to reduce diversions by 25% for the period of June 15, 2009 – October 2, 2009 in comparison to 2009, the monthly water use statistics reported would be updated to include June 2009. In addition, June 2004 water use statistics are also needed. Chris requested that the contractors send their June 2004 and June 2009 water use statistics to him by July 13.

The Water Conservation Subcommittee met in June. Chris asked for all information from contractors regarding how they will be implementing the commercial turf irrigation requirements be forwarded to Carolyn Wasem.

4. Temporary Allocation of Water Deliveries

On June 16th, the SCWA adopted temporary water allocations for all agency customers, allocating the 53 million gallons per day of water supply that is available as a result of the Agency's Temporary Impairment. The resolution included a provision that if WAC adopts an alternate allocation, the WAC allocation will take precedence. On July 15th the Water Project Subcommittee will meet to further discuss these allocations.

Richard Burt, Town of Windsor, asked if there would be a penalty to contractors if they exceed their allotment. He further asked if the penalty would be based on the monthly allocations or based on the exceeding the total allocation for the period of the temporary impairment. Spencer Bader, SCWA, said the agency would follow the Restructured Agreement and would implement a 50% surcharge for water sold above the adopted allocations.

Chris DeGabriele stated that in response to the Temporary Impairment, the SCWA turned off the Kastania and Ely pump stations on July 1st. Chris asked SCWA management to turn the pump stations back on since the contractors are currently meeting the adopted allocations as well as the requirements of the State Board Order. Paul Helliker stated that he had notified the Department of Public Health regarding the Agency's decision to take the pump stations off-line. Mike Thompson, SCWA, stated that the TAC and the Agency needed to work on a Memorandum of Understanding regarding the Temporary



Impairment and which system components could be operated. There was discussion about the TAC going on record objecting to SCWA's decision to take the pump stations and collectors off-line.

Chris DeGabriele asked Krishna Kumar, Valley of the Moon Water District, to convene the Budget Subcommittee to review the costs of operating the water transmission system, to get a better understanding of the revenue shortfalls, and to look at multiple years to determine the financial planning needed for future operation of the system.

5. Sonoma-Marin Saving Water Partnership

Chris DeGabriele informed the TAC that Randy Poole, SCWA, had decided that he would not bring the Sonoma Marin Water Saving Partnership Memorandum of Understanding to the SCWA Board for approval. All contractors agreed they would like to move forward with a regional partnership to implement water conservation programs. Chris will get a legal opinion regarding whether or not the existing agreement can be used as currently drafted or if a new agreement would need to be drafted and approved by all contractors. Jake Mackenzie, WAC Chair, asked that this item, as well as the previous item, be put on the next WAC agenda.

6. SCWA Strategic Alternatives

Chris DeGabriele asked if all water contractors had the SCWA Strategic Alternatives the presentation made to their respective Boards and Councils. It was noted that Valley of the Moon and Rohnert Park had presentations scheduled in the coming weeks and that Town of Windsor and MMWD still needed to schedule presentations. Chris noted that the WAC had asked the TAC to provide a recommendation on the priorities to and asked that once all of the contractors had the presentation from SCWA that each contractor bring back information regarding the recommended priorities.

Receipt of the IBM memo from Grant Davis regarding data collection and information. Jay Jasperse, SCWA, mentioned that this is part of recommended strategy #12 and that SCWA has been working with IBM since February. SCWA has a funding agreement with IBM, which includes matching funds from both SCWA and IBM. Part of the SCWA funding is coming from the general fund and part from the transmission system fund. Jay stated that he would send out a copy of the agreement between SCWA and IBM to the TAC.

7. Biological Opinion Status Update

Matt Vail, SCWA, provided a handout of the RRIFR Project Schedule Update and provided a brief update on the status of each of the activities that SCWA is implementing. There is significant effort on water quality information development, environmental documents, public outreach, the estuary management plan and environmental monitoring/data collection. Matt was asked to provide an update at the August meeting with milestones, including visuals and photographs.

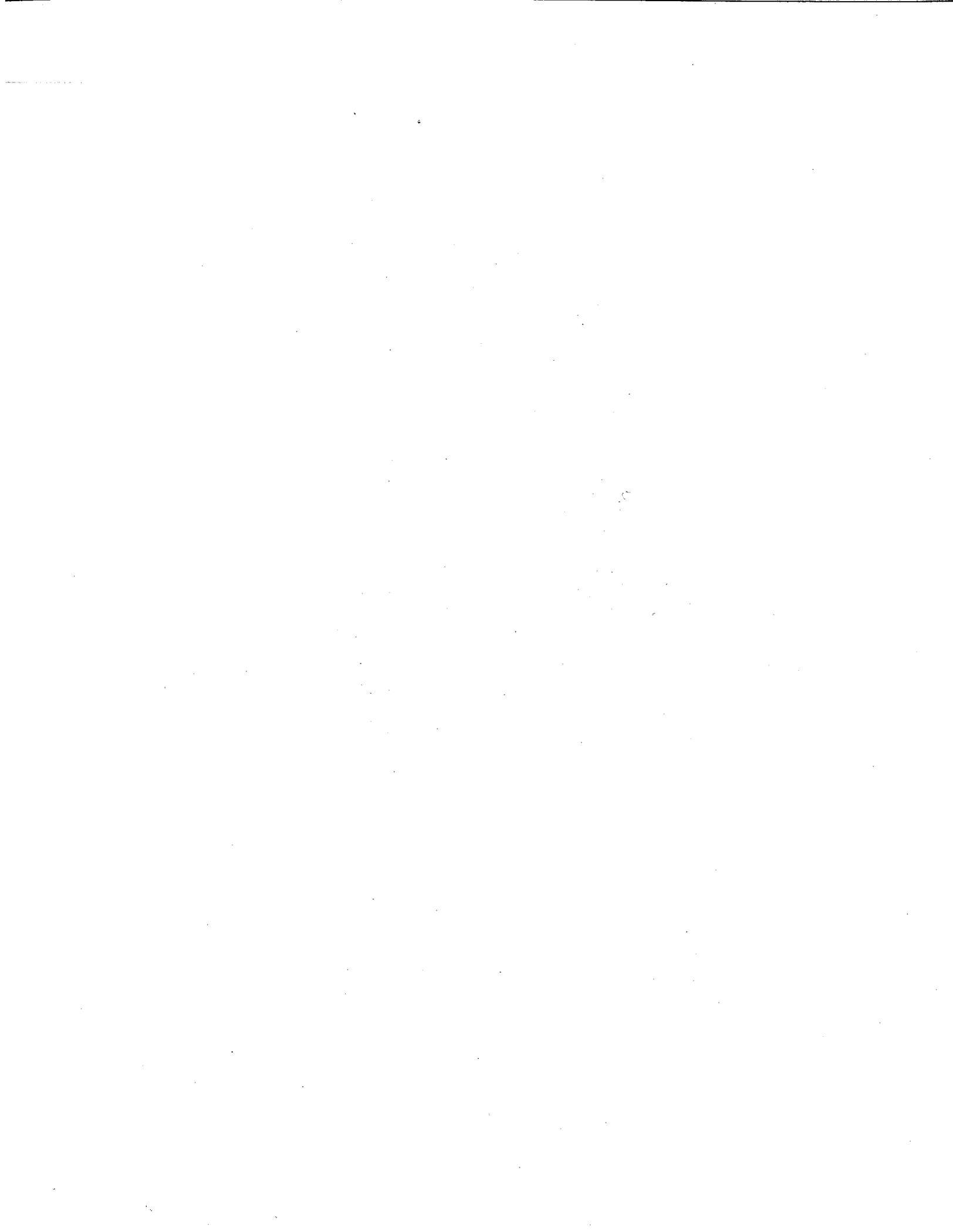


8. Items for Next Agenda

- Summer 2009 Water Contractor Statistics
- Temporary Allocation of Water Deliveries
- Water Project Subcommittee meeting on Temporary Impairment Implementation
- Sonoma-Marin Saving Water Partnership
- SCWA Strategic Alternatives
- Biological Opinion Status Update

9. Check Out

There being no further business to come before the Technical Advisory Committee, the meeting was adjourned at 10:17 a.m.



Upper Russian River Water Districts

July 15, 2009 10:00 to 12:00

Mendocino County Water Agency

Large Conference Room

Agenda

- 1. Review Agenda**
- 2. Mendocino County's Urgency Ordinance – Emergency Water Conservation
50% Reduction in Russian River Water Use**
- 3. Water District Updates**
 - Calpella
 - Hopland
 - MCWA
 - Millview
 - Redwood Valley
 - River Estates
 - Rogina
 - Russian River
 - Willow
 - Ukiah
- 4. Save Our Water Campaign**
- 8. Announcements**
- 9. New Tasks or Assignments**
- 10. Schedule next meeting**



Upper Russian River Water Districts

Notes from July 15, 2009

Present:

Sean White: RRFC
Bill Koehler: Redwood Valley
Dan Rogina: Rogina Water Co.
Lynn Florey: SCWA
Roland Sanford: MCWA
Joe Scriven: MCWA

Absent:

Calpella
City of Ukiah
Hopland
Millview
River Estates
Willow

Mendocino County's Emergency Ordinance – 50% Conservation in Russian River Water Use

- Discussion of BOS meeting a 4-1 vote, passing the ordinance.
- Meeting on Tuesday, July 21 to address the misconception of a “regulatory drought” and that conservation is the easiest way to increase supply.
- Monthly reporting to MCWA by Lake Mendocino water users. Sean said there are probably 20 or fewer non-contracting water users to contact. He said Beckstoffer, Ruddick, and Norgaard are the primary users in this category.
- Roland said the MCWA would “echo back” to the RRFC with monthly reporting data.

Water District Updates

MCWA – Roland and Joe

- Emergency ordinance passed 4 to 1
- Drought and conservation presentation to the Board on Tuesday, July 21
- Farmers’ Market table on Saturday for “Upper Russian Districts”
- Bill would like the district logo with the names of the members surrounding the logo presented in a way that would look good in a frame for the office.
- Landscape watering during drought: July 21 workshop, Santa Rosa. Joe to attend

Redwood Valley – Bill

- Significant decrease in use
- 35 biggest water users have been turned off. They get turned off when they reach their 50% allocation.
- Ten residential users consume way too much water.
- The water bills will double in August, and the penalty phase will be enacted on Aug. 15.
- If a residence uses 60 gallons per capita per day (gpcd), then the penalty for that meter is waived. Bill evaluates these situations on a case-by-case basis.
- They are looking at a 20-30% decrease fiscally for next year.



Rogina Water Co. – Dan

- They are pumping 50% less from the RRFC
- Residential customers have shown a 30% reduction, and agriculture customers have reduced usage by more than 30%.
- Operations right now are pretty stable.
- Customers have been very pro-active.
- No major leaks.

Russian River Flood Control – Sean

- The license inspection process is proceeding.
- The Agriculture Water Efficiency Program (AWEP) was recently approved for Mendocino, Napa, and Sonoma County's, providing \$5.7 million for water conservation projects to agriculture users. The NRCS will administer the program.
- Sean provided a good explanation of what the 25 cfs minimum instream flow requirement means for the Russian River.
- Based upon the circumstances, the users in Ukiah Valley are essentially operational.
- There was some discussion about the article in the Ukiah Daily Journal covering Sean's landscape conversion project. Sean said the landscape uses 70% less water than the turf. The evapotranspiration for turf in Ukiah Valley is 60" per year.

Sonoma County Water Agency – Lynn

- Contra Costa County website has a spreadsheet for landscape water use calculations
- The first report to the Water Board is up on their web site.
- Lynn presented the latest projection graph for Lake Mendocino storage.
- AB 1449 will change the Urban Water Management Plan requirement by having the entity choose one of three options for water conservation.

Save Our Water Campaign

- Joe said that 2 bus panels, 1,000 bumper stickers, and 1,000 2"x2.5" stickers would cost just over \$3,000. That equates to about \$300 per district.
- In addition, there is a 10-second and 30-second radio PSA that Dusty Baker presents that would be appropriate for Ukiah Valley.
- There was discussion about the 1,000 stickers and bumper stickers being too many, and that the bus panels and radio PSA would be a good way to go. The bus panels show a photograph of a person with a water saving statement plus the link to the web site.
- Dan suggested going to Creative Workshop to get prices on 250 stickers and bumper stickers.
- General agreement to have some stickers printed in Spanish.

Results

- Creative Workshop: 2" x 2.5" stickers: 250 @ \$182.
- Bumper stickers: 250 @ \$450+. That is too costly.
- John John's Sign Co: Bumper stickers at \$3.60 each. Joe to get order # from each district.

Next meeting: August 19 at 10:00



North Coast Water Conservation Group

Goal: The North Coast Water Conservation Group will bring together Water Conservation Specialists and Coordinators in Sonoma, Marin and Mendocino Counties to share current water conservation issues.

Date: 10:00pm on Thursday, July 16, 2009

Location: SCWA Office, 404 Aviation Blvd, Santa Rosa

R.S.V.P.: Lynn Florey, SCWA ~ 547-1909 or lflorey@scwa.ca.gov

Participants: Water Agencies: Marin, Sonoma and Mendocino Counties

Agenda:

1. Self Introductions
2. 1st monthly Conservation Report through June 30th - Lynn
3. Conservation and water waste reduction programs being implemented to comply with SWRCB Order - everyone
4. QWEL Program –Dan & Ali
5. Strategies for landscape water management during times of drought workshop – Dan & Deb
6. DWR's Model Landscape Ordinance, Coordinating locally & new deadline –Ali, Diane & Dan
7. Draft Grey Water Regulations – Diane Lesko
8. Expanded Conservation Programs for Sanitation – Brian L. & Carrie
9. Future meetings and Conferences:
 - July 21st, Strategies for landscape water management during times of drought workshop
 - July 25th, Kohler's "Save Water America" event
 - July 28 – August 9th Sonoma County Fair
 - August 17th CUWCC Water Loss Control Workshop at SCWA
 - September 16th CUWCC Plenary in Santa Barbara
10. Other Items of Interest – All



North Coast Water Conservation Group

July 16, 2009, 10 am – 12 noon, Redwood Room, SCWA, Santa Rosa, CA

Next Scheduled Meeting:

Attendees:

1. SCWA Ali Davidson, Brian Lee, Brad Sherwood, Carrie Pollard, Diane Lesko,
Heather Bauman, Lynn Florey, Renee Webber)
2. Daniel Muelrath, City of Santa Rosa
3. Joe Scriven, Mendocino County
4. Bill Koehler, Redwood Valley County Water District
5. Steve Mack, Sweetwater Springs Water District
6. Tony Lindstrum, Cal Am Water
7. Trent Hudson, City of Sonoma
8. Kathy Toohey, City of Sonoma
9. Dennis Jensen, South Cloverdale Water Company
10. Cheryl Godwin, Town of Windsor
11. Dave Iribarne, City of Petaluma
12. Hal Wood, Russian River Utilities

Agenda:

1. Self Introductions
2. SCWA web site demo – detailed data and actual report
SWRCB Milestone 1 Report
 - a. Urban Section meetings and summary
 - b. Landscape and Business Section meetings and summary
Ban on turf grass
Green Plumber Courses
Bottom-Line newsletter
 - c. Vintners meetings and summary
3. Community Updates
SCWA
 - a. Press Democrat 07-15-09 drop in storage, increase in temp and demand and thanks to Santa Rosa for their article additions
 - b. Can't pump more facilities being down due to impairment
 - c. Out migration of fish
 - d. Rubber dam will be fully up in 5 or 6 days (normally dam would be fully up by this time of year)

SR question: is SCWA emergency pumps cut off?

CAL AM: what is the reason to turn off the pumps? Allocation method was based on 53 million gallons per day in the renegotiated agreement. I would like a copy of the allocation method (Brad agreed to send this out).



City of Petaluma, Dave Iribarne

- a. movie ads, news
- b. Aquus café card resulted in 814 audits were performed last fy
- c. Rebates
- d. Landscape seminars
- e. Sheet mulching/grass kill (160 volunteers) and urban forest
- f. IT dept is working on posting all the info

City of Santa Rosa

- a. Sheet mulching for res and com customers
- b. Green Exchange program advertised with social marketing (twitter and Facebook daily updates in addition to City
- c. Water Watch patrol (10 customers per day) Letters, curb stop call, to flow restrictors

Mendocino Water District

- a. Board adopted Emergency Ord 07-13-09 passed on 4-1 vote
- b. Will provide a letter to General Services to restrict lawn watering
- c. Farmers Market
- d. Save our Water campaign from Hopland to Redwood valley

Redwood Valley

- a. Regulatory enforcement action for grape growers (cut off for 50% of their historical value):
- b. Warning letters sent to residential
- d. Community is pulling together to reduce waste (brown lawns everywhere, no car washing, laundry mat is being used vs. Home washing)
- e. Rates committee is being assembled due to low budget
- f. Agriculture has about 4,000 acre feet of ponds are filled before a frost event and then refill them from RVWD. In May the District announced cut off after 50% of use).
- g. Problems are: row crop vs. Big ag vs. Little ag vs. Residential

Sweetwater Springs, Steve Mack

- a. Website and by monthly letter in billing. The July bill is 25% below last year.
- b. Focusing on leak detection
- c. Focusing on water waste
- d. Board does not call this a Stage 1, but calls it instead the District Water Conservation Program

Larkfield/Wikiup

- a. Website updates
- b. Conservation mailer



- c. Sanitary water rationing tariffs anticipating going to mandatory water rationing. Rationing items will include flow restrictors.
- d. Commercial and res. Irrigation audits
- e. BMPS
- f. Demo garden at Mark West Chamber

City of Sonoma

- a. Stage 2 adopted by City Council
- b. Cash for Grass
- c. Public works oops tag for violators
- d. Farmers Market
- e. Building Inspector is doing water conservation
- f. Press releases in local papers
- g. letters sent to all top 100 water users and dedicated irrigation users

South Cloverdale Water Company (private water system)

- a. Unmetered system
- b. Upgraded with new pipelines
- c. Casino going in has purchased the land completely around this subdivision
- d. Monthly flyers sent out
- e. Door-to-door
- f. Renters dominate (vs. Owners) lawns are going brown
- g. 2 commercial users (church and road watered to keep dust down)
- h. Concerns: well use by vintners and the new planned casino
- i. Offered to replace showerheads and restrictors

Question 1: is there any control on vineyard pumping? SCWA has no control but they are self regulating and they are coming together as a group due to their use during frost events. Alexander Valley demo project in vineyards (Aug 13 in 2nd Field Day)
The SWRCB is the overseeing authority

Town of Windsor

- a. Declared State 2 Emergency on July 1, 2009.
- b. Limited to 3 days per week
- c. Water Waste patrol with door hangers and oops tags
- d. Audited Windsor Country Club (278 homes). Offering a toilet rebate to 158
- e. Interdepartmental team (Planning, Public Works, WC, Utility billing, Parks, Community Services)
- f. Town Green event booths
- g. Mailers, banner, bill inserts, web site, Channel 27, papers



- h. Increased rebates for HETs (we've been mandating ULFT's since 1987 and our growth happened since then with the exception of the mobile home park)
- i. Town Hall demo garden (turf was removed)
- j. Airport Business to dev. a water conservation plan to not be required to lose their turf and they are motivated to make this work.

Russian River Utility, Hal Wood

- a. Customers similar to Camp Meeker and usages ranges from 2,000 gallons per month
- b. 200 free toilets to 1200 customers in last 5 years
- c. 15 or 20 high users (10,000 gallons)
- d. Camp Meeker (365 customers all on septic)
- e. Occidental (SCWA supported program)
- f. Range Creek (60 customers trying to annexed to Cloverdale, no conservation at all)

QWEL/SQWEL update, Dan Muelrath and Ali D.

- a. Train the Trainer workshop (14 agency attended with 13 QWEL training certificates issued)
- b. North Bay Institute Tech for disadvantaged youths
- c. SRJC offered in Fall
- d. COM offered in Fall

City of Santa Rosa Workshop, 07-21-09, 9 – 11 at Council Chambers

- a. 25% of ET does not mean a 25% reduction
- b. Cash for Grass
- c. Landscape contractors, hotels, motels, QWEL

CA WELO, Dan Muelrath, Diane, Ali

- a. States Model Ord worked through the technical
- b. City will meet to work on the Documentation Packet
- c. Trying to keep the Technical Section the same (same criteria for design, inspection, installation)
- d. Jan 2011 is due date but Santa Rosa is pushing for Jan 2010

Draft Grey Water Regulations, Diane Lesko (see handout)

- a. Housing and Com Dev has submitted this as an Emergency Measure to go into effect immediately (July 30). Local authorities would then go through an adoption process (SCWA, PRMD, and Sanitation/Wells are all participating for the unincorporated areas)
- b. Ability to have point source irrigation as long as grey water is contained on-site and use of mulch
- c. Permitting depends on size of system
- d. Grey water is NOT banned – just follow the local ord (city or county)



- e. Grey water systems that don't require permits are clothes washer and single-family systems (or common drains); and single and two-family dwellings only.

Expanded Conservation Programs for Sanitation, Brian Lee and Carrie

- a. Rebates in Geyserville, Sea Ranch, Santa Rosa South Park, etc.
- b. Free toilet, showerhead, aerators and possible clothes washers installation modeled after Sonoma Valley program.
- c. Overlapping areas have the opportunity to cost-share (for example, Windsor).
- d. SCWA will share the carbon credits as well
- e. Steve would like to talk with Brian after the meeting.

Items of Interest

- a. Update on AB49 Draft to amend 2010 UWMP, Lynn
- b. Update on SB 216 to amend 2010 UWMP, Lynn

Meeting concluded 11:40 am