



Delta Diablo Sanitation District

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August 20, 2013 www.ddsd.org

SENT VIA ELECTRONIC MAIL

Assembly Member Anthony Rendon
Chair, Assembly Water, Parks and Wildlife Committee
1020 N Street, Room 160
Sacramento, CA 95814

SUBJECT: DOCUMENTATION FOR ADJUSTMENT OF ALLOCATIONS WITHIN THE WATER BOND FRAMEWORK TO SUPPORT INCREASED FUNDING FOR RECYCLED WATER PROJECTS

Dear Chairman Rendon:

I write in support of a standalone Water Recycling Program in the proposed Water Bond Framework developed by the Assembly Water Bond Working Group. Section VII of the Framework should be adjusted to recognize the environmental, water supply and Delta benefits of increased state partnerships in local recycling projects. State studies have consistently called for increased state support for water recycling, and a revised Water Bond framework will provide an opportunity for significant progress toward development of sustainable, reliable water supplies.

Recycled water projects can be developed quickly to compensate for water unavailable due to the current drought in the Colorado River basin and climate variability. Currently, more than 3.5 million acre-feet (AF) of recyclable water is discharged to the ocean each year. Not only can this resource be recovered and reused to reduce pressure on imported water supplies within the next 5 years, but doing so would also require much lower energy than importing water. The benefits of a dedicated investment of Water Bond funds in recycling will provide multiple immediate benefits.

Delta Diablo Sanitation District (DDSD) is the lead agency for the Western Recycled Water Coalition (WRWC), which is a collaboration among cities, districts, and an investor-owned water utility seeking funding partnerships to develop recycled water as a critical part of the solution for ensuring the availability of sustainable water supplies. The 22 current members, representing over 3.4 million people across California's Bay-Delta, Central Coast, and Central Valley, are developing a diverse set of 21 water reclamation projects that will further reduce the pumping of fresh water from the Delta and local aquifers, and provide sustainable, drought-resistant water supplies for industrial, agricultural, municipal and environmental uses (www.westernrwc.org).

These projects already have local investment, being in the planning or design phase, and are ready to leverage local funds with state and federal funds to construct projects and deliver water. Yet securing the political will and funding for these water reuse projects has been a daunting challenge. Current funding efforts at the federal level are stalled, and state funds are limited.

Assembly Member Anthony Rendon, Chair, Assembly Water, Parks and Wildlife Committee
August 20, 2013

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BOND FRAMEWORK TO SUPPORT INCREASED FUNDING FOR RECYCLED WATER
PROJECTS

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This further emphasizes the importance of a state funding partnership to develop these supplies that will help California address a water crisis and progress toward its water recycling goals.

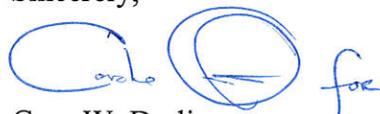
DDSD supports the WaterReuse call for funding a Water Recycling Program at \$450 million minimum allocated competitively through the existing Water Recycling Funding Program (WRFP) by the State Water Resources Control Board (Board). DDSD previously was awarded recycled water construction funding through the Board's WRFP for both the Pittsburg Recycled Water Project and the Antioch Recycled Water Project. This state funding, leveraged with local and federal funding, was critical to the successful construction of both projects.

Through the Board's administration of the WRFP, DDSD experienced a process that was straightforward, timely, fair, and effective. DDSD is now planning new recycled water projects with local investment, and we continue to seek the necessary state and federal partnerships to construct these projects.

Water is an increasingly limited resource, and recycled water is the one new supply that can be relied upon even in the face of decreased precipitation, dwindling snowpack, and other predicted impacts of climate change. Continued state investment in the planning and construction of recycled water projects will provide water resource management solutions with far-reaching benefits. I strongly support increased, dedicated funding for recycled water projects through the Board. I urge that the August 14, 2013 water bond framework be amended to provide at least \$450 million in funding dedicated to water recycling and allocated competitively through the Board's WRFP.

Thank you for your consideration.

Sincerely,

A handwritten signature in blue ink, appearing to read "Gary W. Darling for". The signature is stylized and includes a large circular flourish.

Gary W. Darling
General Manager

JS/clk

Attachment

cc: Western Recycled Water Coalition members
District File P. 90024.03.04
Chron File



CALIFORNIA NEEDS WATER
**WE ARE READY
TO DELIVER**



We are the **Western Recycled Water Coalition**.
We are creating reliable and sustainable solutions
for California's ongoing water crisis.
But we need your help.

OUR CURRENT PROJECTS: Water, Conservation, Jobs

Constructing Coalition projects will provide multiple benefits:

- developing over 118,000 acre-feet per year (AFY) dry year yield;
- reducing diversions from natural waterways and aquifers;
- providing drought-tolerant, sustainable water supplies for industry, agriculture, landscape, and wetlands enhancement;
- improving surface water quality;
- saving energy;
- attracting green projects and increasing economic development; and,
- supporting more than 14,000 jobs.

DELIVERING RELIABILITY

Recycled water supplies do not depend on rainfall, and instead depend on wastewater flows that do not fluctuate greatly in a drought and are not subject to evaporation. Current Coalition projects will provide over 118,000 AFY of reliable, sustainable, drought-tolerant water supply. This is enough water to provide 354,000 households with their annual water needs.

A SUPERIOR INVESTMENT

If you compare developing recycled water projects with developing a dry year water supply from a new or expanded reservoir, recycled water projects are a superior investment. For example, expanding Shasta Lake reservoir by 634,000 acre-feet at \$1.1 billion will produce an additional 76,000 acre-feet of dry year deliveries (Jay Lund, 2012). The WRWC projects will develop over 118,000 acre-feet of dry year deliveries, or 1.5 times the dry year deliveries from expanding Shasta Lake, at a total cost of \$814 M or only 74% of the reservoir expansion cost. With a 25% Title XVI federal cost share, this would amount to only 18% of the cost of expanding Shasta Lake.

U



Sacramento

San Francisco

Fresno

Monterey

A Future for All of California AND BEYOND

The current set of recycled water projects will contribute a significant new, fish friendly, non-controversial, dry year water supply for all of CA. However, the WRWC philosophy is that recycled water development should be a national priority. The coalition is actively seeking partnerships across the United States where new water supplies are needed. We would like to join with others developing recycled water or desalination projects to speak as one voice to our leaders at the state and federal level when asking for help.

See www.westernrwc.org for more details.

California Federal and State Water Storage and Conveyance Systems

- Rivers and Reservoirs
- Federal Canals
- Shared Federal/State Canal
- State Canals

Western Recycled Water Projects

Seeking Authorization

- A** Brentwood Recycled Water Project; City of Brentwood
- B** Central Contra Costa Sanitary Dist. (CCCSD)-Concord Recycled Water Project; CCCSD; City of Concord
- C** Central Dublin Recycled Water Distribution & Retrofit Project; Dublin San Ramon Services Dist. (DSRSD)
- D** Central Redwood City Recycled Water Project; City of Redwood City
- E** Contra Costa County Refinery Recycled Water Project, Phase 1; CCCSD; Shell Refinery, Tesoro Refinery
- F** Delta Diablo Sanitation Dist. (DDSD) Recycled Water Project; DDSD
- G** DDSD High Purity Water Treatment Facility; DDSD
- H** Dublin Recycled Water Expansion Project; DSRSD
- I** Fresno Tertiary Treatment; City of Fresno
- J** Fresno Downtown Recycled Water System; City of Fresno
- K** Fresno Southwest Recycled Water Distribution; City of Fresno
- L** Hayward Recycled Water Project; City of Hayward, Calpine
- M** Ironhouse Sanitary Dist. (ISD) Recycled Water Project; ISD
- N** Monterey Peninsula Groundwater Replenishment Project; Monterey Regional Water Pollution Control Agency

- O** Mountain View Recycled Water Project; City of Mountain View
- P** North Valley Regional Recycled Water Project; City of Modesto, City of Turlock, City of Ceres, Del Puerto Water Dist., Stanislaus County
- Q** Palo Alto Recycled Water Pipeline Project; City of Palo Alto
- R** Pleasanton Recycled Water Project; City of Pleasanton
- S** San Jose Water Company Recycled Water Project; City of San Jose
- T** Wolfe Road Main Extension/San Lucar Pump Station Modifications; City of Sunnyvale, City of San Jose, Santa Clara Valley Water Dist. (SCVWD), California Water Service Co.
- U** Yountville Recycled Water Project; Town of Yountville, Veterans Home of California

Authorized in Public Law 110-229 & Seeking Amendment

- V** Antioch Recycled Water Project; DDSD, City of Antioch
- W** South Bay Advanced Recycled Water Treatment Facility; SCVWD, Cities of San Jose, Los Gatos, Cupertino, Santa Clara, Campbell, Saratoga, Milpitas, Monte Sereno

Authorized in Public Law 110-29 & 102-575

- X** South Bay Water Recycling; San Jose area
- Y** South Santa Clara County Recycled Water Project; SCVWD, South County Regional