

MEMORANDUM

To: Technical Advisory Committee  
From: Chris DeGabriele, Chair  
Subject: L/R/T2 Program Funding for FY 2014/15  
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December 20, 2013

On September 14, 2013 letters were sent to the cities of Santa Rosa, Cotati, Sonoma and to Marin Municipal Water District advising that: 1) those cities/water district have not yet received their full funding allocation under the original SCWA Local Supply/Recycled Water/Tier 2 Conservation funding program, and 2) soliciting project proposals.

The total remaining to be collected and allocated among all remaining recipients is ~\$2.6M. (Attachment 1) Three replies have been received (also Attached). Sonoma and MMWD request their full L/R/T2 funding allocation balance. For Sonoma this is expected to be \$275,116 of which \$185,706 is already encumbered at SCWA. Sonoma plans to convert a private well to Municipal use. For MMWD this is \$723,926 for a golf course recycled water project. The City of Santa Rosa has also replied advising that Santa Rosa anticipates submitting projects for FY 2015/16.

In FY 2013/14, the SCWA O&M Recycled Water and Local Supply sub-charge, at \$24.23/AF, is about 3% of the total SCWA wholesale water rate and collects approximately \$1.2M per year. SCWA uses those funds for both Agency and consultant services for the Groundwater Management Plans. Additionally, \$10/AF of this surcharge is used for the L/R/T2 program and \$325,000 is expected to be reimbursed in Rohnert Park and \$185,000 to Cotati in FY 2013/14. SCWA staff anticipates that the level of funding and expenditure for groundwater management will continue in FY 2014/15.

In 2011 the L/R/T2 Subcommittee agreed to propose additional revenue and fulfill the remaining allocations outstanding within a five-year window. The amount needed in FY2014/15 to fund both Sonoma and MMWD will be \$909,632 and SCWA projects another \$6/AF will be needed for this purpose.

**RECOMMENDATION:** TAC recommend adding \$6/AF to the L/R/T2 sub-charge in the SCWA FY 2013/14 budget (total \$16/AF for this program) to generate funds sufficient to reimburse Sonoma and MMWD with the understanding that the sub-charge may be adjusted upon review of the proposed SCWA FY 2014/15 budget.

**Water Transmission System Agency Fund**  
**Local Supply / Recycled Water / Tier 2 Programs**

**Balance as of November 14, 2013**

<i>Contractor</i>	<i>10-Year Allocation</i>	<i>Amount Approved by WAC</i>	<i>Amount Disbursed</i>	<i>Balance Available<sup>1</sup></i>	<i>Encumbered</i>
Santa Rosa	\$5,065,236	\$4,003,876	\$3,908,003	1,157,233	
Petaluma	2,197,913	2,197,913	2,197,913	0	
MMWD	1,724,026	1,000,000	1,000,000	724,026	
NMWD	1,846,726	1,846,726	1,846,726	0	
Rohnert Park	649,629	649,629	325,000	324,629	324,629
VOM WD	627,875	627,875	627,875	0	
Sonoma	539,411	450,000	264,294	275,117	185,706
Windsor	86,996	86,996	86,996	0	
Cotati	157,235	0	0	157,235	
Forestville	104,953	104,953	104,953	0	
<b>TOTAL</b>	<b>\$13,000,000</b>	<b>\$10,967,968</b>	<b>\$10,361,760</b>	<b>\$2,638,240</b>	

1. Balance Available based on 10-Year Allocation

*Program started June 30, 2000 - No end date specified.*

# City of Sonoma

No. 1 The Plaza  
Sonoma California 95476-6690  
Phone (707) 938-3681 Fax (707) 938-8775  
E-Mail: cityhall@sonomacity.org



December 12, 2013

Chris DeGabriele, General Manager  
Water TAC Chairman  
c/o North Marin Water District  
999 Rush Creek Place  
P. O. Box 146  
Novato, CA 94948

Re: SCWA L/R/T2 Program Funding for FY 2014/15

Per your letter of November 14, 2013, I am submitting a L/R/T2 project proposal for the conversion of a private well into our Municipal Well No. 8. See attached project proposal.

I desire that Sonoma's remaining L/R/T2 program balance be applied toward pre-design, environmental planning, design, and construction costs for this project.

Sincerely,

A handwritten signature in black ink, appearing to read "Dan Takasugi".

Dan Takasugi  
Public Works Director / City Engineer

Attachment: Project Proposal for Conversion of Field of Dreams Well into Municipal Well No. 8

Cc: Carol Giovanatto, City Manager  
David Goodison, Planning Director  
GHD Engineering

**City of Sonoma**  
**Project Proposal to the Technical Advisory Committee (TAC)**  
**SCWA L/R/T2 Program Funding for FY 2014/15**

**Project: Conversion of Field of Dreams Well into Municipal Well No. 8**

**Background:**

Over the last few years, the City has been exploring new well sources and other groundwater sustainability options, such as Aquifer Storage and Recovery (ASR) to restore the historic groundwater production capacity. The City is also trying to create an emergency replacement water source using groundwater supply, should there be an interruption of aqueduct water currently provided by the Sonoma County Water Agency (SCWA). Currently, only five of the seven City wells are operational (Wells 1, 2, 3, 4, and 6). These wells overlap each other in their radius of influence, so the City does not run them all at the same time, but rotates them to keep them from drawing down too much water. The City currently purchases near 2,000 acre-feet of water from the SCWA and usually produces less than 100 acre-feet of groundwater to supplement the SCWA water (5%).

Historically, it appears that the City used to supply near 500 acre-feet of groundwater annually. As part of an October 2010 well siting study, the Field of Dreams Well (FOD Well) was identified as an underutilized well that had potential for City use. The well is a private irrigation well used for several ball sports fields at the Field of Dreams Ball Fields located on City property. Currently, the FOD Well Site is on a long-term lease to the Field of Dreams Association. A feasibility study and pumping test were conducted to confirm that this well could produce enough groundwater to be a cost effective option to drilling a new well.

**Eligibility: Local Supply Project; New Well Construction Potable Supply which offsets potable demand.**

**Evaluation Criteria:**

The Well No. 8 conversion project will result in sustained demand reduction in the months of July through September. The well will not typically be used during the fall through spring seasons to allow for groundwater recharge.

A production pump flow rate of 300 gpm, with a maximum flow rate of 425 gpm, was established during a long-term steady state pumping test in November 2012.

**Project Costs:**

The City of Sonoma anticipates using its remaining balance of L/R/T2 funding for pre-design, environmental planning, and design costs associated with the Well 8 conversion project. If any L/R/T2 funding remains after design phase, it would be used toward construction costs.

Estimated costs from a pre-design report on 10/7/13 are as follows:

PS&E Engineering Fees:	\$85,000
CEQA (MND):	\$78,000
Construction Mgmt/Admin:	\$120,000
Construction:	\$479,000



# MARIN MUNICIPAL WATER DISTRICT

220 Nellen Avenue Corte Madera CA 94925-1169  
www.marinwater.org

RECEIVED

NOV 26 2013

November 25, 2013

North Marin Water District

Chris DeGabriele  
Chair Technical Advisory Committee  
North Marin Water District  
P O Box 146  
Novato CA 94948

RE: SCWA LRT2 Program Funding for FY 2014/15

Dear Mr. DeGabriele,

Thank you for your letter of November 14<sup>th</sup> regarding the SCWA LRT2 Program Funding for FY 2014-2015. The Marin Municipal Water District intends to pursue development of a golf course recycled water project in FY 2014/2015. MMWD's current allocation through the LRT2 program is \$723,926. MMWD requests this amount be included in the LRT2 program for FY 2014-2015.

Please contact me at (415) 945-1435 if you have any questions or would like additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael Ban".

Michael Ban, P.E.  
Environmental and Engineering Services Manager

MB:mp

cc: Krishna Kumar, General Manager, MMWD



City of  
Santa Rosa

RECEIVED

DEC 03 2013

North Marin Water District

November 25, 2013

Chris DeGabriele  
Chair, Technical Advisory Committee  
North Marin Water District  
P.O. Box 146  
Novato, CA 94948

RE: SCWA L/R/T2 Program Funding for FY 2014/15

Dear Mr. DeGabriele,

Thank you for your letter dated November 14, 2013 regarding the Sonoma County Water Agency Local Supply/Recycled Water/Tier 2 Conservation (L/R/T2) funding for FY 2014/15. At this time, the City is not submitting any projects for L/R/T2 funding in FY 2014/15. However, at this time, the City does anticipate submitting project(s) for FY 2015/16.

Sincerely,

David M. Guhin  
Utilities Director