

WATER RECYCLING OPPORTUNITIES IN THE SACRAMENTO REGION

DATE: June 3, 2010 **TIME:** 1-3pm

LOCATION: SRCSD Office at 10060 Goethe Road, Sacramento, CA 95827
Sunset Maple Room

Agenda Items
I. Introductions & Purpose of Today's Meeting (Goals and Objectives).
II. Overview of Water Recycling Opportunities in the Sacramento Region <ul style="list-style-type: none">• South County Agriculture and Habitat Lands Water Reuse Project
III. Stakeholder Feedback / Brainstorming <ul style="list-style-type: none">• Input on conceptual projects• Stakeholder Organization• Funding• Draft Brochure
IV. Next Steps and Action Items <ul style="list-style-type: none">• Contacts• Forums• Tours
V. Future Meeting Topics and Timing

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Notes From June 3, 2010 Stakeholder Meeting:

Contaminants & Water Quality Issues

- Are there impacts to groundwater?
- What is secondary effluent? Provide assessments
- Provide education from recycled water recipients of water with similar water quality (Santa Rosa, dairies and vineyards irrigated with tertiary water)
- Crops grown may be an issue, like rice. Need ecotoxicologist review
- Illegal to use recycled water on human food products. Is tertiary effluent ok for some food crops? Get details
- Coordinate with Santa Rosa to get data – for next meeting?
- Investigate marketability of crops that use recycled water, especially bacteria, metals, pharmaceuticals
- Biosolids use and future crop growth. Requirements on recycled water land use.
- Recycled water impacts to Swainsons Hawk – specifically related to using secondary effluent and use of recycled water on lands dedicated to Hawks
- Get information from southern California what type of treated water is used

Group 2 Costs / Energy Savings

- Tertiary costs vs secondary effluent costs
- Get information from southern California on costs of treated water used there
- Is there energy savings from recycled water for ie Gravity flow versus pumping? Discussed that water has to be pumped but there is a green house gas benefit
- What types of compounds are monitored for contaminants of emerging concern in recycled water?
- Is there Asset-Revenue recovery for costs
- Are there costs to the users for “receiving” recycled water?
- Find out what funding entities want or are looking for
- Address issues before we focus on funding

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Notes From June 3, 2010 Stakeholder Meeting:

General Information Requested by Stakeholders

- Agriculture concerns with how water will affect their liability or regulatory requirements to land owners
- Would SRCSD split water recycling with part tertiary and part secondary?
- Cosumnes River –RD 800 or RD 200 jurisdiction?
- How much water can be recycled (how much must be returned to the river)?
- Would increasing recycled water impact other SRWTP NPDES requirements?

Other Discussion Points, Suggestions or Information

- Create a comfortable working level of commitment
- Need a regional coalition to be successful
- Sacramento Regional could send brochure out early without endorsements
- Opportunities may exist at Stone Lakes – explore this
- Start somewhere with small demonstration project OR start with 5-mile pipeline vs 10mi
- Could use Sacramento River for conveyance “pipe”
- Elk Grove LOI goes to Eschinger Rd
- Could evaluate areas of existing recycled water use from SRCSD to Elk Grove
- Future contacts: Dept of Fish and Game, USFWS, Endangered Species Coalition, Sacramento/Amador WQ Coalition, USGS, RD800, Stone Lakes Refuge, Sac Central Groundwater Authority, UC Davis (Research and Studies), Health Advocacy Groups, Physicians for Social Responsibility Sacramento Chapter, Health Advocacy Groups, NOAA, National Marine Fishery Service, USBR (ie Water for America), Ca Dept of Conservation. Explore what level of benefit needs to be provided
- Go through this meeting’s information with South County farmers. There is more northern grazing land to look at. Need to have a broad group meeting with farmers

Table 2.1 Agencies in ARB IRWM Region with Statutory Authority over Water Supply or Water Management

#	Agency	RWMG Membership	RWMG Participation			Basis of Authority				
			Planning Forum	Management Committee	RWA	Water Supply	Water Quality Management	Wastewater Collection and Treatment	Flood Management/Control	Stormwater Management
1	American River Flood Control District	Potential Future							X	
2	California American Water*	Current	X	X	X	X	X			
3	California DWR - Maintenance District #9	Potential Future							X	
4	Carmichael Water District*	Current	X	X	X	X	X			
5	Citrus Heights Water District*	Current	X	X	X	X	X			
6	City of Folsom*	Current	X	X	X	X	X			X
7	City of Galt*	Potential Future				X	X	X	X	X
8	City of Lincoln*	Current	X	X	X	X	X	X		X
9	City of Roseville*	Current	X	X	X	X	X	X	X	X
10	City of Sacramento*	Current	X	X	X	X	X		X	X
11	Clay Water District*	Potential Future				X	X			
12	County of Sacramento*	Current	X	X		X	X	X	X	X
13	Del Paso Manor Water District*	Current	X		X	X	X			
14	El Dorado County Water Agency*	Current	X			X	X			
15	El Dorado Irrigation District*	Current	X	X	X	X	X	X		
16	Elk Grove Water Service	Potential Future				X	X			
17	Fair Oaks Water District*	Current	X	X	X	X	X			
18	Florin County Water District*	Potential Future				X	X			
19	Freeport Regional Water Authority (FRWA)	Current	X	X		X	X			
20	Fruitridge Vista Water Company	Current			X	X	X			
21	Galt Irrigation District*	Potential Future				X	X			
22	Golden State Water Company*	Current	X	X	X	X	X			
23	Natomas Central Mutual Water Company*	Current	X			X	X			
24	Omochumne-Hartnell Water District*	Potential Future				X	X			
25	Orange Vale Water Company*	Current	X	X	X	X	X			
26	Placer County Flood Control & Water Conservation District	Potential Future							X	
27	Placer County Water Agency*	Current	X	X	X	X	X			
28	Rancho Murieta Community Services District*	Current	X		X	X	X	X		X
29	Reclamation District 1000	Potential Future							X	X
30	Rio Linda/Elverta Community Water District*	Current	X	X	X	X	X			
31	Sacramento Area Flood Control Agency	Current	X				X		X	
32	Sacramento Central Groundwater Authority	Current	X			X	X			
33	Sacramento Groundwater Authority	Current	X			X	X			
34	Sacramento Municipal Utility District (SMUD)*	Current	X		X	X	X			
35	Sacramento Area Sewer District	Current	X					X		

Table 2.1 Agencies in ARB IRWM Region with Statutory Authority Over Water Supply or Water Management (continued)

#	Agency	RWMG Membership	RWMG Participation			Basis of Authority				
			Planning Forum	Management Committee	RWA	Water Supply	Water Quality Management	Wastewater Collection and Treatment	Flood Management/Control	Stormwater Management
36	Sacramento Regional County Sanitation District	Current	X	X	X	X	X	X		
37	Sacramento Suburban Water District*	Current	X	X	X	X	X			
38	San Juan Water District*	Current	X	X	X	X	X			
39	The Nature Conservancy	Current	X							
40	Tokay Park Water District	Potential Future				X	X			
41	U.S. Army Corps of Engineers	Current	X	X					X	
42	U.S. Department of the Interior, Bureau of Reclamation	Current	X			X			X	
43	Water Forum Successor Effort	Current	X			X	X			
44	Western Placer County GMP Partners	Current	X			X	X			

* Signatory of the Water Forum Agreement.