

DERWA

DSRSD • EBMUD Recycled Water Authority
PARTNERS IN WATER RECYCLING

March 3, 2010

Mr. Daman Badyal
Water Resources Engineer
State Water Resources Control Board
Division of Financial Assistance
1001 I Street
Sacramento, CA 95814

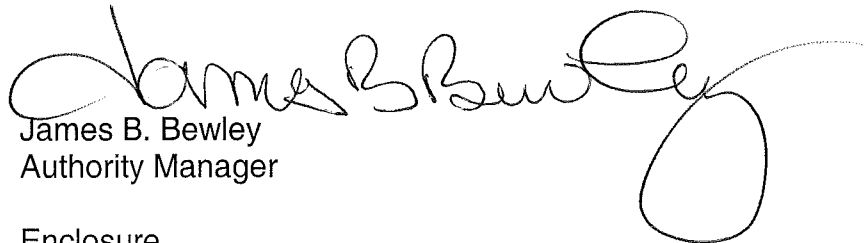
Subject: Annual Report 2009 – San Ramon Valley Recycled Water Project
DERWA
SWRCB Grant WRCP-3205-030 and Loans WRCP 3205-120 and 3205-110

Dear Mr. Badyal:

Enclosed please find the San Ramon Valley Recycled Water Project Annual Report for the 2010 calendar year. The report has been prepared in accordance with provisions of the grant and loan agreements, Exhibit A, Section 15.

If you have any questions or need additional information please contact me at (925) 875-2234 or by email at bewley@dsrsd.com.

Sincerely,


James B. Bewley
Authority Manager

Enclosure

San Ramon Valley Recycled Water Program 2009 Annual Progress Report

Dublin San Ramon Services District • East Bay Municipal Utility District Recycled Water Authority (DERWA)

Program Description

The San Ramon Valley Recycled Water Program (SRVRWP) is a multi-phase project, created to supply recycled water to the Dublin San Ramon Services District (DSRSD) and East Bay Municipal Utility District (EBMUD) to be used for landscape irrigation. The program is administered by DERWA, a Joint Powers Authority formed in 1995 by Dublin San Ramon Services District and East Bay Municipal Utility District.

The current recycled water system includes the treatment plants, pump stations, transmission pipelines, storage reservoirs, and local distribution pipelines. The distribution pipelines are owned and operated by DSRSD and EBMUD in their respective service areas. The treatment plants are owned and operated by DSRSD. Sixteen miles of 16 to 36 inch diameter “backbone” transmission pipeline, two storage reservoirs, and two pump stations are owned by DERWA, operated by DSRSD. An additional pump station and 1.1 miles of pipeline are under construction and will be added to the DERWA “backbone” in 2010. DSRSD owns and operates two pump stations and storage reservoirs in the Upper East Dublin and Upper Dougherty Valley service areas. EBMUD has completed the design of distribution pipelines to expand recycled water service to the north in San Ramon and Danville. The first phase of pipeline construction is planned for 2010, with additional pipeline phases, and two pump stations in later years.

DERWA System Facilities

	Owner	Operator	Size	Status
Sand Filter/UV Treatment Plant	DSRSD	DSRSD	9.7 MGD (peak flow)	In Service
Microfilter/UV Treatment Plant	DSRSD	DSRSD	3.0 MGD (peak flow)	Stand-by Service
PS 1	DSRSD	DSRSD	16.5 MGD	In Service
Backbone Transmission	DERWA	DSRSD	16” to 36”	In Service
PSR20	DSRSD	DSRSD	1.7 MGD	In Service
PS R200A	DERWA	DSRSD	3.2 MGD	Under Construction
PS R200B	DERWA	DSRSD	5.8 MGD	In Service
PS R300	EBMUD	DSRSD	0.7 MGD	In Service
PS R3000	EBMUD	EBMUD	2.3 MGD	Future
PS R4000	EBMUD	EBMUD	1.6 MGD	Future
Tank R20	DSRSD	DSRSD	1.5 MG	In Service
Tank R100	DERWA	DSRSD	4.5 MG	In Service
Tank R200	DERWA	DSRSD	4.5 MG	In Service
Tank R300	DSRSD	DSRSD	0.45 MG	In Service
Tank R3000	EBMUD	EBMUD	1.8 MG	Completed – Not in Service
DSRSD Distribution	DSRSD	DSRSD	55.2 Miles	In Service
EBMUD Distribution	EBMUD	EBMUD	5.7 Miles	In Service

The transmission and storage system has a design capacity of 6,385 acre-ft/yr (5.7 MGD average annual flow) with a maximum day capacity of 16.5 MG. The Sand Filter/UV treatment plant Phase 1 Peak Day design capacity is 9.7 MDG. The Microfilter/UV treatment plant with a design flow of 3.0 MGD is primarily used during low flow periods and can be used to supplement the SFUV plant if needed. The system map is included as Attachment A.

2009 Season Overview

This report covers the operation of the facilities from January 1, 2009 through December 31, 2009.

During the period a total of 2,294 acre-feet (747 million gallons) of recycled water was produced and distributed to DSRSD and EBMUD customers. Of this amount, DSRSD customers used 1,953 acre-feet (636 million gallons), and EBMUD customers used 341 acre-feet (111 million gallons). Recycled water demands peaked on June 29 with a maximum flow of 5.34 MGD. The total cost to operate the system during this reporting period was \$1,228,165, averaging \$544 per acre-foot delivered. The budget for FYE 2010 anticipated deliveries totaling 3,100 acre-feet (1,010 million gallons) and a unit cost of \$493 per acre-foot.

The budget for FY 2009-10 projected a total unit cost of \$493 per acre-ft; \$338 per acre-foot for treatment and \$155 per acre-ft for transmission & storage.

During the period full RWQCB permit compliance was maintained. Recycled water production and demand is summarized in Table 1, Operations and Maintenance costs are summarized in Table 2, Treatment costs are summarized in Table 3, and Transmission/Storage costs are summarized in Table 4.

TABLE 1
DERWA System: Actual 2009 Season Demand Totals

Month	Production		Actual Recycled Water Demand			
	SF-UJ MG	MF-UJ MG	Total MGD	Peak MGD	MG	AF
Jan-09	0.00	11.21	0.31	0.81	9.6	29.6
Feb-09	0.00	13.20	0.25	0.53	7.1	21.7
Mar-09	0.00	21.41	0.77	3.60	23.8	73.0
Apr-09	52.74	11.18	2.26	3.81	67.7	207.6
May-09	93.46	0.00	2.95	4.14	91.4	280.6
Jun-09	104.81	0.00	3.50	5.34	105.1	322.5
Jul-09	130.28	1.78	4.21	4.91	130.4	400.2
Aug-09	107.95	5.32	3.73	4.26	115.6	354.9
Sep-09	99.14	0.00	3.30	3.92	99.0	303.8
Oct-09	31.51	15.70	1.41	3.18	43.8	134.3
Nov-09	0.00	33.27	1.07	1.97	32.2	99.0
Dec-09	0.00	14.47	0.30	0.88	9.3	28.4
AVG	51.66	10.63	2.00			
TOTAL	619.90	127.54			734.9	2,255.6
MIN	0.00	0.00	0.25	0.53	7.1	21.7
MAX	130.28	21.41	4.21	5.34	130.4	400.2

TABLE 2
DERWA System: Overall Operations & Maintenance Expenditures

Month	Labor	Electric Costs	Materials Supplies Lab & Misc Expenses	Total O&M Cost	Cost \$/MG	Cost \$/AF
-----	-----	-----	-----	-----	-----	-----
Jan-09	\$25,523	\$8,605	\$6,624	\$40,752	\$4,229	\$1,378
Feb-09	\$21,796	\$9,047	\$18,072	\$48,915	\$6,913	\$2,252
Mar-09	\$33,967	\$13,859	\$70,825	\$118,651	\$4,989	\$1,626
Apr-09	\$51,391	\$33,610	\$33,888	\$118,889	\$1,757	\$573
May-09	\$67,414	\$53,243	\$20,969	\$141,626	\$1,549	\$505
Jun-09	\$43,122	\$55,276	\$41,909	\$140,307	\$1,335	\$435
Jul-09	\$46,625	\$60,974	\$12,561	\$120,160	\$922	\$300
Aug-09	\$53,496	\$56,167	\$46,311	\$155,974	\$1,349	\$439
Sep-09	\$47,367	\$47,441	\$24,117	\$118,924	\$1,202	\$392
Oct-09	\$40,610	\$27,403	\$14,572	\$82,585	\$1,887	\$615
Nov-09	\$56,064	\$15,646	\$8,956	\$80,666	\$2,501	\$815
Dec-09	\$41,467	\$8,787	\$10,268	\$60,522	\$6,537	\$2,130
Total	\$528,842	\$390,056	\$309,072	\$1,227,971		
Average	\$44,070	\$32,505	\$25,756	\$102,331	\$1,671	\$544
Minimum	\$21,796	\$8,605	\$6,624	\$40,752	\$922	\$300
Maximum	\$67,414	\$60,974	\$70,825	\$155,974	\$6,913	\$2,252

TABLE 3
DERWA System: Treatment Expenditures, O&M

Month	Labor Expenses	Electric Costs	Materials Supplies & Lab Expenses	Total O&M Expenses	Cost \$/MG	Cost \$/AF	SF-UV Cost \$/AF	MF-UV Cost \$/AF
Jan-09	\$15,973	\$5,453	\$5,556	\$26,982	\$2,800	\$912		\$912
Feb-09	\$15,608	\$5,147	\$17,660	\$38,414	\$5,429	\$1,769		\$1,769
Mar-09	\$25,721	\$7,776	\$26,628	\$60,125	\$2,528	\$824		\$824
Apr-09	\$41,818	\$17,449	\$32,820	\$92,087	\$1,361	\$444	\$366	
May-09	\$52,773	\$26,713	\$18,469	\$97,955	\$1,072	\$349	\$349	
Jun-09	\$30,091	\$27,232	\$36,198	\$93,521	\$890	\$290	\$290	
Jul-09	\$41,400	\$23,543	\$12,561	\$77,504	\$594	\$194	\$191	
Aug-09	\$43,630	\$26,048	\$45,914	\$115,592	\$1,000	\$326	\$310	
Sep-09	\$29,165	\$24,851	\$23,385	\$77,401	\$782	\$255	\$255	
Oct-09	\$22,767	\$15,386	\$11,132	\$49,285	\$1,126	\$367	\$245	
Nov-09	\$38,713	\$6,766	\$8,059	\$53,538	\$1,660	\$541		\$541
Dec-09	\$25,780	\$5,071	\$8,849	\$39,700	\$4,288	\$1,397		\$1,397
Total	\$383,440	\$191,433	\$247,230	\$822,103				
Average	\$31,953	\$15,953	\$20,603	\$68,509	\$1,119	\$364	\$287	\$1,089
Minimum	\$15,608	\$5,071	\$5,556	\$26,982	\$594	\$194	\$0	\$0
Maximum	\$52,773	\$27,232	\$45,914	\$115,592	\$5,429	\$1,769	\$366	\$1,769

TABLE 4
DERWA System: Distribution Expenditures, O&M

Month	Labor Expenses	Electric Costs	Materials & Supplies Expenses	Total O&M Expenses	Cost \$/MG	Cost \$/AF
-----	-----	-----	-----	-----	-----	-----
Jan-09	\$9,550	\$3,152	\$0	\$12,702	\$1,318	\$429
Feb-09	\$6,188	\$3,900	\$413	\$10,501	\$1,484	\$484
Mar-09	\$8,245	\$6,084	\$44,197	\$58,526	\$2,461	\$802
Apr-09	\$9,573	\$16,161	\$1,067	\$26,802	\$396	\$129
May-09	\$14,640	\$26,531	\$2,500	\$43,671	\$478	\$156
Jun-09	\$13,031	\$28,044	\$5,712	\$46,787	\$445	\$145
Jul-09	\$5,225	\$37,430	\$0	\$42,656	\$327	\$107
Aug-09	\$9,866	\$30,119	\$0	\$39,985	\$346	\$113
Sep-09	\$18,201	\$22,590	\$732	\$41,523	\$420	\$137
Oct-09	\$17,844	\$12,017	\$3,439	\$33,299	\$761	\$248
Nov-09	\$17,352	\$8,880	\$897	\$27,129	\$841	\$274
Dec-09	\$15,687	\$3,716	\$1,419	\$20,822	\$2,249	\$733
Total	\$145,403	\$198,623	\$60,376	\$404,401		
Average	\$12,117	\$16,552	\$5,031	\$33,700	\$550	\$179
Minimum	\$5,225	\$3,152	\$0	\$10,501	\$327	\$107
Maximum	\$18,201	\$37,430	\$44,197	\$58,526	\$2,461	\$802

2009 Customers

As of December 2009 there were 179 customers in the DSRSD service area and 35 customers in the EMBUD service area. The lists of individual customers are included as Attachments B and C.

All of the recycled water delivered was used for landscape irrigation and offset the use of potable water that would have been used without this program.

2010 Projections

TABLE 5
DERWA System: Projected 2010 Season Demand Totals

Month	Projected Recycled Water Demand			
	MGD	Peak MGD	MG	AF
Jan-10	0.32	0.83	9.9	30.3
Feb-10	0.26	0.55	7.6	23.4
Mar-10	0.82	3.85	25.5	78.2
Apr-10	2.38	4.02	71.4	219.2
May-10	3.12	4.38	96.6	296.6
Jun-10	4.33	6.61	130.0	399.0
Jul-10	5.05	5.90	156.7	480.9
Aug-10	4.84	5.53	149.9	460.2
Sep-10	4.31	5.12	129.4	397.2
Oct-10	1.52	3.42	47.2	144.8
Nov-10	1.11	2.03	33.2	102.0
Dec-10	0.32	0.93	9.8	30.0
AVG	2.37	3.60		
TOTAL			867.3	2,661.7
MIN	0.26	0.55	7.6	23.4
MAX	5.05	6.61	156.7	480.9

Expected increase over 2009 Season: **18%**

Table 6
DERWA Long Range Projections

2011	2,153	2.521	341	0.304	2494.183	2.226
2012	2,261	2.611	750	0.669	3010.842	2.687
2013	2,374	2.742	2,657	2.372	5030.884	4.491
2014	2,493	2.879	2,657	2.372	5149.578	4.597
2015	2,617	3.023	2,657	2.372	5274.207	4.708
2016	2,748	3.174	2,657	2.372	5405.067	4.825
2017	2,885	3.332	2,657	2.372	5542.470	4.947
2018	3,030	3.499	2,657	2.372	5686.744	5.076
2019	3,181	3.674	2,657	2.372	5838.231	5.211

2009 Season Operational Highlights

The following are the 2009 season highlights:

February 2009: Chlorine residuals in the recycled water reservoirs essentially disappeared due to nitrification as expected, and in late February staff ceased adding sodium hypochlorite to boost and/or maintain the residual in the reservoirs. Despite the lack of chlorine residual, there were no complaints from customers alleging poor water quality.

March 2009: Inspection and cleaning of R100, R200, R300 and R20 was completed using divers from Bay Area Coating Consultant Services, Inc. The divers were used to remove the heavy accumulation of silt from the bottoms of the reservoirs, which was thought to be a contributor to nitrification in the recycled water. About 7.5 inches of sediment were removed from R100, and 6 inches were removed from R200. About 7.5 inches of sediment were removed from DSRSD's R20, and 3 inches were removed from DSRSD's R300. Following the completion of the diver's work, the reservoirs were drained to remove the nitrified effluent, and then refilled with fresh recycled water containing a high chlorine residual. The draining and refilling occurred with minimal inconvenience or interruption of service to customers.

April 2009: On April 5, 2009, the SF-UV system was placed in operation due to warmer weather and increasing seasonal demands. The MF-UV system was turned off and placed in standby.

May 2009: EBMUD received a complaint from Bridges Golf Course alleging low recycled water pressure and restrictions to the flow of water they claimed to be experiencing. EBMUD staff inspected the two 6-inch meters that serve Bridges, and removed several large chunks of particle board and plastic debris from the meter strainers. The material appeared to be construction debris from an unknown origin. However, within a matter of weeks Bridges Golf Course again complained about low water pressure and delivery.

June 2009: EBMUD staff switched Bridges Golf Course to potable water on June 1. DSRSD staff then TV'd the recycled water service lines from the meter flanges out to the DERWA main line in Bollinger Canyon Road. The video inspection did not find any evidence of a blockage or a restriction in the pipeline. EBMUD switched Bridges back to using recycled water on June 22.

The existing MF-UV system was upgraded to use the latest version of Intellution iFix, DSRSD's Supervisory Control and Data Acquisition (SCADA) system. The upgrade included replacing the PLC that is used to monitor and control the MF-UV system. With the upgrades staff could now move forward with integrating and combining the controls for SF-UV and MF-UV on the same computer station, thereby streamlining process control and the operation of the two recycled water treatment systems.

Recycled water demands peaked on June 29, 2009 when the daily peak maximum flow of 5.34 MGD was delivered.

July 2009: Bridges Golf Course continued experiencing low recycled water pressure and flow restrictions, which apparently caused their pumps to fail due to low inlet pressure. In response to the complaints, EBMUD switched Bridges back to using potable water on July 10, 2009.

Installation was completed on the pre-fabricated sunshade structure over the sand filtration area and over the ultraviolet disinfection channel of the RWTP. The sunshade structure will protect employees and valuable equipment from sun

damage, as well as avoiding potential injuries and/or burns from hot metal surfaces during the summer months.

August 2009: On August 13 staff from DSRSD and EBMUD met to discuss issues that could be causing the low flow problems at Bridges Golf Course. A plan of action was developed to investigate several ideas and hopefully rectify the problem.

The new recycled water mechanical fine screen was installed at the inlet to the sand filters, and the new screen was tested and placed into operation. The contractor provided O&M training to Operations and Maintenance staff. The new mechanical fine screen will prevent tiny neutrally buoyant plastics, including fruit labels, from passing through the moving bed sand filters and on into the distribution system.

September 2009: DSRSD staff completed inspecting and cleaning a total of eight (8) air relief valves on the DERWA pipeline between R200 and Bridges Golf Course. Several of the ARV's were found plugged with silt and sludge, and at least one ARV was found valved off at the isolation valve. Staff also determined that Bridges' pump control system is only designed to provide a maximum of a 60 PSI boost, and the golf course staff told DSRSD that they must achieve 120 PSI at the sprinkler heads for the irrigation system to work correctly. The latter requires a minimum of 60 PSI of pressure in the recycled water system at peak delivery rates. With the non-functional ARV's, trapped pockets of air caused the pressure in the pipeline to fall below 60 PSI at Bridges' high flow rates. DSRSD recommended that Bridges plan to replace or upgrade their existing pumps so that they can achieve 120 PSI even if the line pressure falls below 60 PSI. EBMUD switched Bridges Golf Course back to recycled water on September 29, and subsequently there have no problems with pressure or delivery.

October 2009: On October 13, 2009 recycled water demands decreased to the point where the SF-UV system was removed from service and placed in standby. The MF-UV system was placed in service for the winter, and was only operated on an as-need basis to provide water to meet customer demands.

The PSR1 flow meter failed on October 14 when Holding Basin No. 4 was filled due to a storm, and water entered the electronics through conduits that had not been properly sealed during construction.

December 2009: The PSR1 flow meter was replaced and returned to service.

State and Federal Funding

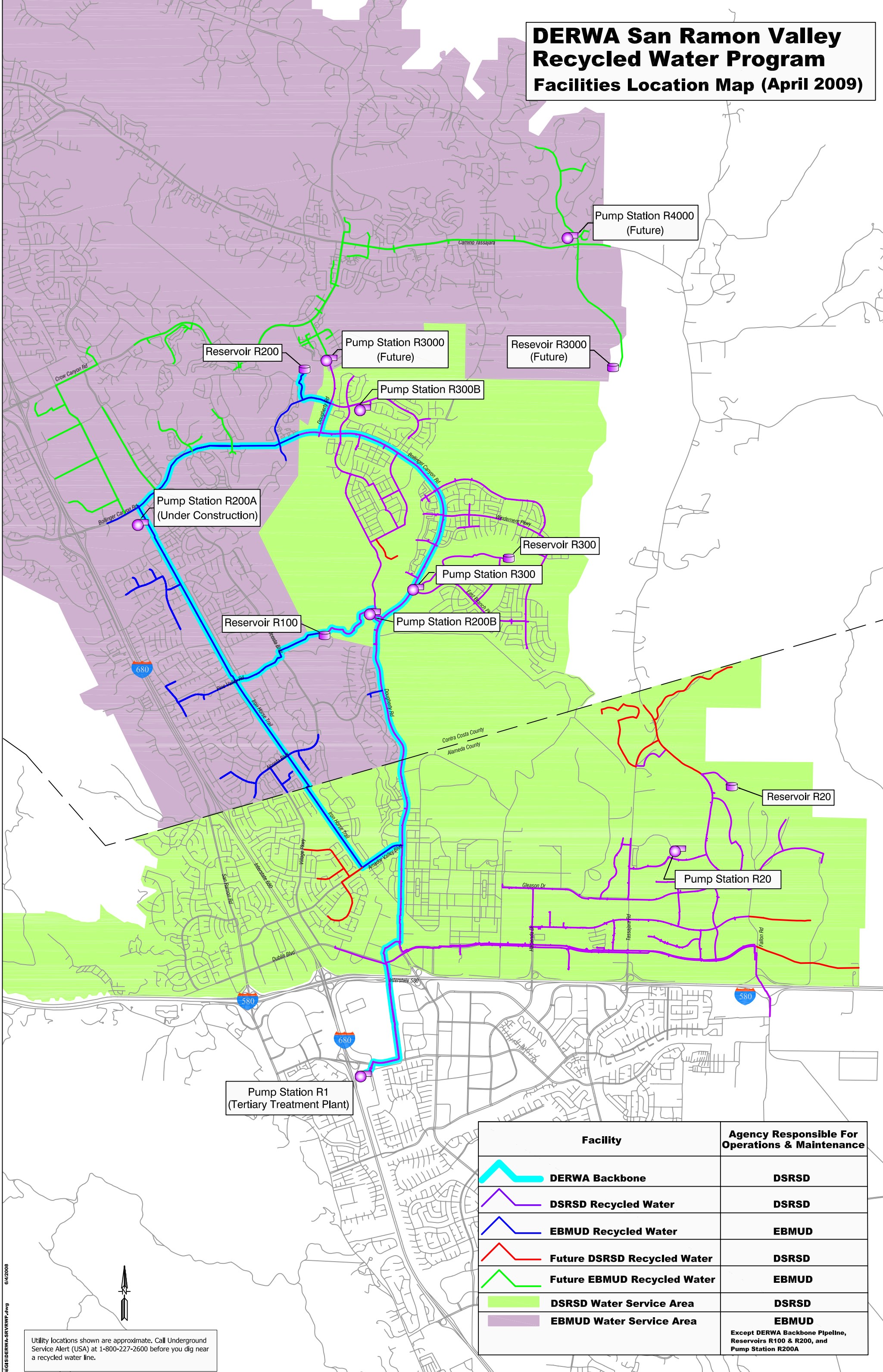
The final state grant and loan for this project were submitted in April 2007. The final grant payment in the amount of \$202,747 was made May 18, 2007. Final loan payments of \$619,763 and \$1,065,520 were made October 30 and November 7, 2007, respectively. The total grant amount received was \$5,000,000 and the total loan

amounts received was \$24,678,651. The construction cost of the grant & loan eligible facilities were \$31,917,837.

Federal funds in the amount of \$15,000,000 for design and construction assistance for the San Ramon Valley Recycled Water Project were authorized by Section 219(f)(42) of the Water Resources Development Act (WRDA) of 1992, Public Law 102-580. Through federal Fiscal Year 2010 Congress has appropriated \$14,372,000 for the design and construction of the Pump Station R200A, Transmission Pipeline Segment IH and additions to the EBMUD distribution system. The completion of the pump station and transmission pipeline, expected summer of 2010, projects will complete the DERWA Pressure Zone 2 portion of the work. EBMUD has completed the design of distribution pipelines serving areas in San Ramon and Danville to the north. WRDA funding supports the first phase of the EBMUD distribution pipeline project which is now out to bid and expected to be completed early 2011.

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DERWA San Ramon Valley Recycled Water Program Facilities Location Map (April 2009)



Pump Station R1
(Tertiary Treatment Plant)

Pump Station R200A
(Under Construction)

Reservoir R200

Pump Station R3000
(Future)

Reservoir R3000
(Future)

Pump Station R300B

Reservoir R300

Pump Station R300

Reservoir R100

Pump Station R200B

Reservoir R20

Pump Station R20

Facility	Agency Responsible For Operations & Maintenance
DERWA Backbone	DSRSD
DSRSD Recycled Water	DSRSD
EBMUD Recycled Water	EBMUD
Future DSRSD Recycled Water	DSRSD
Future EBMUD Recycled Water	EBMUD
DSRSD Water Service Area	DSRSD
EBMUD Water Service Area	EBMUD
<small>Except DERWA Backbone Pipeline, Reservoirs R100 & R200, and Pump Station R200A</small>	

Utility locations shown are approximate. Call Underground Service Alert (USA) at 1-800-227-2600 before you dig near a recycled water line.

ATTACHMENT B
San Ramon Valley Recycled Water Project
DSRSD Customers

Dublin

Ironhorse (Dublin) Communities	on N side Houston Place
DSRSD	7051 Dublin Blvd.
City of Dublin/Sports Grounds	6800 Dublin Blvd
City of Dublin/Sports Grounds	6800 Dublin Blvd
City of Dublin	Dublin Blvd Median across BART
EAH Inc	5450 Demarcus Blvd
Arleen Ness Enterprises	6050 Dublin Blvd
Summer Glenn HOA	N side Summerglen at Hibernia
Summer Glen of Dublin	East of Aspen and N of Central Parkway
Tassajara Meadows HOA	SW Tassajara Rd and Cascade
Greenbriar Homes	on Maymont at Tassajara Creek
Pepper Construction	5349 Martinelli Way/N side
Toll Brothers	SW Crnr Fallon Rd & Turnberry Dr.
Toll Brothers	On Signal Hill Dr.
Courtyards at Dublin Ranch	Keegan St Median at McGuire Finn
City of Dublin	Dublin Blvd Median Btwn Grafton and Bran
City of Dublin	Central Pkw Med btwn Grafton and Chance
City of Dublin	3300 Finnian Way
City of Dublin	Lockhart, W side of St. Dublin Blvd and McGuire
City of Dublin	3103 Dublin Blvd
City of Dublin	S side Central Pkwy; between Keegan and Lockhart
City of Dublin/Emerald Glen Pk	4100 Gleason Drive - 1st meter
City of Dublin/Emerald Glen Pk	4100 Gleason Drive - 2nd meter
Bank of America	4250 Dublin Blvd
Greenbriar Homes	Pedestrian Walkway on South Side Somerset
City of Dublin	Waterford Comm on E side Glynnis
City of Dublin	on Dublin Blvd at Tass Creek
Extended Stay America	4500 Dublin Blvd
City of Dublin	Central Pkwy at Glynnis Rose
Tassajara Meadows HOA	Gleason Dr and Creekview on N Side
Tassajara Meadows HOA	on Gleason Median
City of Dublin	Central Parkway median E of Arnold
City of Dublin	Central Parkway med W of Hacienda
City of Dublin	Dublin Blvd btwn Monengo and Glynnis Rose
City of Dublin	Waterford Comm N side Dublin Blvd
City of Dublin	Emerald Pk - on Central Pkwy W of potable meter
City of Dublin	4100 Gleason Drive - left meter
City of Dublin	4100 Gleason Drive - right meter
City of Dublin	Emerald Glen PK Tassajara and Central Pkwy
Prometheus Real Estate	Central Pkwy E of Hacienda
City of Dublin	Central Pkwy and Glynnis Rose median E side
Cisco Systems	5120 Hacienda Drive

Cisco Systems	5120 Hacienda Drive
Wells Reit II - Emerald Pointe	5130 Hacienda Dr
Cisco Systems	5140 Hacienda Dr. - meter box on Central Pkwy
City of Dublin	1 Sybase Dr- perimeter irr
City of Dublin	1 Sybase Dr. - on site
City of Dublin	4682 Central Parkway
HHH Investment - Micro Dental Lab	5601 Arnold Drive
HHH Investment - Micro Dental Lab	5601 Arnold Drive
City of Dublin	SW side of Tassajara Ck and Gleason Dr.
City of Dublin	Tassajara Ck and Gleason Dr.
Pinnacle at Dublin Ranch Golf	on E side of Fallon Rd at Antoine
Dublin Ranch Golf Club	on Bent Tree - W side
Dublin Ranch Golf Club	on Bent Tree - E side
City of Dublin	on Dublin Blvd West of Glynnis Rose
Tri Valley Buick GMC	4400 John Monengo Ct.
Orchards at Dublin Green	in the Westport Way tot lot
Tassajara Ck Maintenance Assoc	in Creekview Dr Park
City of Dublin	Central Parkway at Glynnis Rose
Pinnacle at Dublin Ranch Golf	on E side Fallon at Antoine
City of Dublin	Sybase - Dublin Blvd median
Prometheus Real Estate	on W side Hibernia and S of Summerhill
Tri Valley SPCA	4651 Gleason Dr.
City of Dublin	4248 Central Parkway
Tassajara Creek Maint Assn	SW Crn Tassajara Ck and Cascade
Extended Stay America	4500 Dublin Blvd
ANB Property Corp	4580 Dublin Blvd - meter box behind building on Myrtle
Tassajara Meadows HOA	at Creekview W side of Casterson
City of Dublin	Fallon Rd Fire Station 18
Pinnacle at Dublin Ranch Golf	on W side Fallon at Kingsmill
Pinnacle at Dublin Ranch Golf	on W side Fallon and N of Antoine
Dublin Ranch Golf Course	6033 Fallon Rd - Dublin Ranch Golf Course
Dublin Ranch Golf Course	6033 Fallon Rd - Dublin Ranch Golf Course

San Ramon

DSRSD	Pump Station 300A East Branch Road
Windemere	NE Cnr Harcourt/W Kellybrook
Lennar Communities	SW Cnr Bollinger Canyon and E Branch Pkwy
Lennar Communities	SW Cnr Albion & Arrowfield
Lennar Communities	SW Cn Harcourt and Pembroke
Windemere	NE Cnr Bollinger Canyon and Harcourt
Windemere	SW Cnr Bollinger Canyon and Harcourt
Windemere	NE Cnr Harcourt and S. Bellingham
Lennar Communities	NE Cnr Harcourt and Rothbury Ct
Windemere	E side Cnr Harcourt and E Branch Pkwy
City of San Ramon	Bellingham Square Park on S side of Park
Shapell Industries	1373 S. Wedgewood in front of Creekside Park
Shapell Industries	1381 S. Wedgewood
Lennar Communities	NE Cnr Windemere Pky and Harcourt
Windemere	W side Harcourt and Watermill

Lennar Communities	NE Cnr S Bollinger and Dougherty S Box
San Ramon Valley Fire	11445 Windemere Parkway
City of San Ramon	Harcourt and E Pemberton
Shapell Industries	4221 Japonica
Shapell Industries	4223 Japonica
Windemere	NW Cnr Windmere and S Bellingham
Lennar Communities	NW Cnr Bollinger Canyon and Dougherty N Box
Windemere	NW Cnr Albion and Arrowhead
Windemere	NW Cnr Windmere and S Bellingham
Windemere	SE Cnr Bollinger Canyon and Albion Way
Windemere	N W Crn Bollinger Canyon and Albion
San Ramon Valley USD	Hidden Hills Elementary - Crn Windemere aned Harcourt
Cornerstone at Gail Ranch	1403 S Wedgewood Rd
Lennar Communities	SE Cnr Albion and Harcourt Way
Windemere	SE Cnr Albion Way and Watermill
Shapell Industries	10990 Bollinger Canyon
Shapell Industries	N side of Bollinger North Wedgewood and Briar Oaks
Shapell Industries	N side of Bollinger W\ of Blueheart
Shapell Industries	#69 No Wedgewood
Shapell Industries	11400 Bollinger Canyon
Shapell Industries	Mtr 15 N side of Bollinger Canyon and W side of Monarch
Shapell Industries	N side of Bollinger and W of Campion
Shapell Industries	Asterbell at Star Jasmine meter 29
Shapell Industries	Star Jasmine across from Campanula meter 26
City of San Ramon	Neighborhood Park - on Star Jasmine near fire hydrant
Shapell Industries	Star Jasmine before Campanula meter 27
Shapell Industries	NE Cnr Bollinger Canyon and Wedgewood meter 12
Shapell Industries	N side of Monarch Rd. E of Star Jasmine
Shapell Industries	N side Monarch Rd E of Res 300B
Shapell Industries	N E Bollinger Canyon Rd meter 16
Shapell Industries	E Bollinger Canyon Rd meter 20
Shapell Industries	8674 N. Monarch Rd. meter 22
Shapell Industries	N Bollinger Canyon and Brian Oaks meter 15
Shapell Industries	N side Bollinger Canyon Wedgewood Dougherty meter 11
Shapell Industries	8686 No Gale Ridge Rd
City of San Ramon	8684 No Gale Ridge Rd
Shapell Industries	SW Cnr Bollinger Canyon and Stoneleaf meter 14
Shapell Industries	N side of Bollinger Canyon East of N Wedgewood Dr.
Shapell Industries	8673 No Monarch Rd
Shapell Industries	11580 Bollinger Canyon W of Monarch Rd
Shapell Industries	Blueheart and Monarch Rd meter 19
Shapell Industries	S side Bollinger Canyon E of Dougherty Rd meter 10
Shapell Industries	11701 Dougherty Rd
Shapell Industries	11201 Dougherty Rd
Shapell Industries	11486 Bollinger Canyon Rd
Shapell Industries	11551 Dougherty Rd
Shapell Industries	W side of N Wedgewood Rd
Shapell Industries	23 N Wedgewood Rd
Shapell Industries	69 N Wedgewood Rd
Shapell Industries	Feathermint S of Monarch West
Shapell Industries	Feathermint West side of 45

City of San Ramon	S side Monarch Rd and E of 24
Shapell Industries	S side of Monarch Rd and E of 25
Shapell Industries	8451 North Monarch Rd.
Shapell Industries	8537 North Monarch Rd.
Shapell Industries	0 Golden Bay Ave
Shapell Industries	E side Stoneleaf Rd just E of Bayport
Shapell Industries	Stoneleaf Rd south of meter 66
Shapell Industries	5011 Ivyleaf
Shapell Industries	8386 S Monarch Rd
Windemere	SE Cnr Albion and Cranford
Windemere	SW Cnr N. Bellingham and Albion Way
Windemere	N Side Albion
Fairfield San Ramon South	1 Amberstone Ln end of Glenmark entrance to complex
Muirlands at Windemere	0 Crestfield Dr across from 1000 Crestfield Dr.
Cornerstone Apts	N Wedgewood near Crn of Brookcliff
HPI Canyon Oaks	1 Amberstone Ln end of Glenmark at entrance to complex
Lennar Communities	SE Cnr of Silva and Albion
City of San Ramon	2833 Bethany Rd. - Creekview Park
Lennar Communities	SE Cnr Windemere and Bethany
Lennar Communities	SE Cnr Windemere and Longleaf Cir
Windemere BLC	NW Cnr Albion and Ashbrook
Lennar Communities	S side of Albion between Ashbrook and Rivenell
Windemere BLC	SE Cnr Windemere and Bethany
Lennar Communities	NE Cnr Windemere Pkwy and Veritas
Lennar Communities	SE Cnr Windemere Pkwy and Silva
City of San Ramon	10820 Albion Dr - Hidden Valley Park
San Ramon Valley Unified	11611 East Branch Parkway - 1
San Ramon Valley Unified	11611 East Branch Parkway - 2
City of San Ramon	1541 Watermill Rd - Souyen Park
Windemere	17011 Bollinger Cyn Rd - Community Center and Library
Windemere	5096 Sherwood Way at Mornington
Windemere	11648 E. Branch Rd 40 R West
Lennar Communities	11771 E. Branch Rd
Windemere	11648 E. Branch 40 R East
DSRSD	On Bollinger Canyon Rd at Pump Station 300C
Windemere	Contra Costa Community College meter at end of Watermill

ATTACHMENT C
San Ramon Valley Recycled Water Project
EBMUD Customers

San Ramon

Country Club Village Shopping Center	9142 Alcosta Blvd.
Easthampton HOA	2 Elmwood
San Ramon Valley USD CA High School	9870 Broadmoor
San Ramon Valley USD Country Club School	7534 Blue Fox
San Ramon Valley USD Montevideo School	13000 Broadmoor
San Ramon, City of - Athan Downs Park	2985 Montevideo Dr.
San Ramon, City of - Boone Acres Park	9714 Davona Dr.
San Ramon, City of - Greenbelt	1042 Stoney Creek Dr.
San Ramon, City of - Greenbelt	296 Shavano Way
San Ramon, City of - Greenbelt	3022 Summit View Dr.
San Ramon, City of - Greenbelt	4000 Summit View Dr.
San Ramon, City of - Greenbelt	465 Old Ranch Rd.
San Ramon, City of - Greenbelt	700 Stoney Creek
San Ramon, City of - Greenbelt	9101 Alcosta Blvd.
San Ramon, City of - Greenbelt	9275 Alcosta Blvd.
San Ramon, City of - Inverness Park	2961 Ascot Dr.
San Ramon, City of - Inverness Park	555 Burns Cir.
San Ramon, City of - Inverness Park	625 Lomond Cir.
San Ramon, City of - Landscape Feature	3200 Montevideo Dr.
San Ramon, City of - Landscape Feature	3201 Montevideo Dr.
San Ramon, City of - Landscape Feature	3351 Bollinger Canyon Rd.
San Ramon, City of - Village Green Park	232 Triana Way
The Seasons Apartments	9003 Kimball Ave.
Villa San Ramon	9199 Fircrest Lane
Vintner HOA	9005 Alcosta Blvd.
Cedar Bridge HOA	8850 N Gale Ridge Rd.
San Ramon Valley USD Coyote Creek School	8700 N Gale Ridge Rd.
San Ramon, City of - Greenbelt	10501 Bollinger Canyon Rd.
San Ramon, City of - Greenbelt	8709 N Gale Ridge Rd.
San Ramon, City of - Greenbelt	8901 N Gale Ridge Rd.
San Ramon, City of - Greenbelt	8988 N Gale Ridge Rd.
San Ramon, City of - Greenbelt	8998 N Gale Ridge Rd.
Bridges Golf Course	10503 Bollinger Canyon Rd.
Bridges Golf Course	10505 Bollinger Canyon Rd.
Bridges Golf Course Clubhouse	9002 S Gale Ridge Rd.
Bridges Golf Course Driving Range	9021 S Gale Ridge Rd.