



RANCHO MURIETA COMMUNITY SERVICES DISTRICT

15160 JACKSON ROAD
RANCHO MURIETA, CA 95683
916-354-3700
FAX – 916-354-2082

AGENDA

*“Your Independent Local Government Agency Providing
Water, Wastewater, Drainage, Security, and Solid Waste Services”*

REGULAR BOARD OF DIRECTORS MEETINGS ARE HELD
3rd Wednesday of Each Month

REGULAR BOARD MEETING

October 16, 2013

Closed Session 4:00 p.m. * Open Session 5:00 p.m.

RMCS D Administration Building – Board Room

15160 Jackson Road

Rancho Murieta, CA 95683

BOARD MEMBERS

Gerald Pasek	President
Roberta Belton	Vice President
Betty Ferraro	Director
Paul Gumbinger	Director
Michael Martel	Director

STAFF

Edward R. Crouse	General Manager
Darlene Gillum	Assistant General Manager
Greg Remson	Security Chief
Paul Siebensohn	Director of Field Operations
Suzanne Lindenfeld	District Secretary

**RANCHO MURIETA COMMUNITY SERVICES DISTRICT
REGULAR BOARD MEETING
OCTOBER 16, 2013**

Closed Session 4:00 p.m. - Open Session 5:00 p.m.

AGENDA

	RUNNING TIME
1. CALL TO ORDER - Determination of Quorum - President Pasek (Roll Call)	4:00
2. ADOPT AGENDA (<i>Motion</i>)	4:05
3. SPECIAL ANNOUNCEMENTS AND ACTIVITIES (<i>5 min.</i>)	4:10
4. CLOSED SESSION <i>Under Government Code section 54956.8: Conference with Real Property Negotiators - Real Property APN 128-0080-067; APN 128-0080-068; APN 128-0080-069; APN 128-0080-076; and APN 128-0100-029. Real Property Agency Negotiator: Edward R. Crouse, General Manager. Negotiating Party: CSGF Rancho Murieta, LLC, BBC Murieta Land, LLC, Murieta Retreats, LLC, PCCP CSGF RB PORTFOLIO, LLC. Under Negotiation: Price and Terms.</i> <i>Conference with Legal Counsel – Anticipated Litigation. Initiation of litigation pursuant to Government Code Section 54956.9(c): (One Potential Case).</i> <i>Conference with Legal Counsel – Anticipated Litigation. Significant Exposure to Litigation Pursuant to 54956.9(b): (Two Potential Cases).</i>	4:15
5. OPEN SESSION <i>The Board will discuss items on this agenda, and may take action on those items, including informational items and continued items. The Board may also discuss other items that do not appear on this agenda, but will not act on those items unless action is urgent, and a resolution is passed by a two-thirds (2/3) vote declaring that the need for action arose after posting of this agenda.</i> <i>The running times listed on this agenda are only estimates and may be discussed earlier or later than shown. At the discretion of the Board, an item may be moved on the agenda and or taken out of order. TIMED ITEMS as specifically noted, such as Hearings or Formal Presentations of community-wide interest, will not be taken up earlier than listed.</i>	5:00
6. REPORT ACTION FROM CLOSED SESSION	5:05

- 7. COMMENTS FROM THE PUBLIC** 5:10
- Members of the public may comment on any item of interest within the subject matter jurisdiction of the District and any item specifically agendized. Members of the public wishing to address a specific agendized item are encouraged to offer their public comment during consideration of that item. With certain exceptions, the Board may not discuss or take action on items that are not on the agenda.*
- If you wish to address the Board at this time or at the time of an agendized item, as a courtesy, please state your name and address, and reserve your comments to no more than 3 minutes so that others may be allowed to speak.*
- 8. CONSENT CALENDAR (Motion) (Roll Call Vote) (5 min.)** 5:15
- All the following items in Agenda Item 8 will be approved as one item if they are not excluded from the motion adopting the consent calendar.*
- a. Approval of Board Meeting Minutes**
 - 1. September 18, 2013 Regular Board Meeting
 - b. Committee Meeting Minutes (Receive and File)**
 - 1. October 1, 2013 Finance Committee Meeting
 - 2. October 1, 2013 Safety Committee Meeting
 - 3. October 2, 2013 Improvements Committee Meeting
 - 4. October 4, 2013 Communications & Technology Committee Meeting
 - c. Approval of Bills Paid Listing**
- 9. STAFF REPORTS (Receive and File) (5 min.)** 5:20
- a.** General Manager’s Report
 - b.** Administration/Financial Report
 - c.** Security Report
 - d.** Water/Wastewater/Drainage Report
- 10. CORRESPONDENCE (5 min.)** 5:25
- a.** Email from Mary Brennan, dated October 8, 2013
- 11. PRESENTATION OF THE 2012-13 FINAL AUDIT, BY LARRY BAIN, CPA** 5:30
(Discussion/Action) (Receive and File) (10 min.)
- 12. ADOPT RECYCLED WATER STANDARDS (Discussion/Action) (Motion) (5 min.)** 5:40
- 13. REPORT BACK ON FINANCING AND SERVICES AGREEMENTS** 5:45
(Discussion/Action) (10 min.)
- a.** 670 Group
 - b.** Remaining Lands
- 14. REPORT BACK ON WATER TREATMENT PLANT EXPANSION FINANCING ALTERNATIVES (Discussion/Action) (5 min.)** 5:55

- 15. APPROVE GEOTECHNICAL ENGINEERING STUDY PROPOSAL** 6:00
 (Discussion/Action) (Motion) (5 min.)
- 16. SELECTION OF SPECIAL DISTRICT COMMISSIONER AND SELECTION OF ALTERNATE DISTRICT COMMISSIONER FOR THE LOCAL AGENCY FORMATION COMMISSION (LAFCO)** 6:05
 (Discussion/Action) (Motion) (5 min.)
- 17. REVIEW AND SELECT CONFERENCE/EDUCATION OPPORTUNITIES** 6:10
 (Discussion/Action) (Motion) (5 min.)
- 18. MEETING DATES/TIMES FOR THE FOLLOWING:** (5 min.) 6:15
- Special Board Meeting:** October 25, 2013 @ 9:00 a.m. (FSA)
- Next Regular Board Meeting:** November 20, 2013
- Committee Meeting Schedule:**
- | | |
|--------------------|---------------------------------------|
| ✚ Communications | November 1, 2013 at 9:00 a.m. |
| ✚ Joint Security - | November 1, 2013 at 10:00 a.m. at RMA |
| ✚ Personnel | November 6, 2013 at 9:00 a.m. |
| ✚ Improvements | November 7, 2013 at 8:30 a.m. |
| ✚ Finance | November 7, 2013 at 9:30 a.m. |
| ✚ Security | November 7, 2013 at 10:00 a.m. |
| ✚ Parks - | T.B.A. |
- 19. COMMENTS/SUGGESTIONS – BOARD MEMBERS AND STAFF** 6:20
In accordance with Government Code 54954.2(a), Directors and staff may make brief announcements or brief reports of their own activities. They may ask questions for clarification, make a referral to staff or take action to have staff place a matter of business on a future agenda.
- 20. ADJOURNMENT (Motion)** 6:25

"In accordance with California Government Code Section 54957.5, any writing or document that is a public record, relates to an open session agenda item and is distributed less than 72 hours prior to a regular meeting, will be made available for public inspection in the District offices during normal business hours. If, however, the document is not distributed until the regular meeting to which it relates, then the document or writing will be made available to the public at the location of the meeting."

Note: This agenda is posted pursuant to the provisions of the Government Code commencing at Section 54950. The date of this posting is October 11, 2013. Posting locations are: 1) District Office; 2) Plaza Foods; 3) Rancho Murieta Association; 4) Murieta Village Association.

RANCHO MURIETA COMMUNITY SERVICES DISTRICT

Board of Directors Meeting

MINUTES

September 18, 2013

4:00 p.m. Closed Session * 5:00 p.m. Open Session

1. CALL TO ORDER/ROLL CALL

President Gerald Pasek called the regular meeting of the Board of Directors of Rancho Murieta Community Services District to order at 4:00 p.m. in the District meeting room, 15160 Jackson Road, Rancho Murieta. Directors present were Gerald Pasek, Roberta Belton, and Paul Gumbinger. Also present were Edward R. Crouse, General Manager; Darlene Gillum, Assistant General Manager; Greg Remson, Security Chief; Paul Siebensohn, Director of Field Operations; and Suzanne Lindenfeld, District Secretary. Directors Betty Ferraro and Michael Martel were absent.

2. ADOPT AGENDA

Motion/Gumbinger to adopt the agenda. **Second/Belton. Ayes: Pasek, Belton, and Gumbinger. Noes: None. Absent: Ferraro and Martel.**

3. SPECIAL ANNOUNCEMENTS AND ACTIVITIES

None.

4. BOARD ADJOURNED TO CLOSED SESSION AT 4:01 P.M. TO DISCUSS THE FOLLOWING ITEMS:

Under Government Code section 54956.8: Conference with Real Property Negotiators - Real Property APN 128-0080-067; APN 128-0080-068; APN 128-0080-069; APN 128-0080-076; and APN 128-0100-029. Real Property Agency Negotiator: Edward R. Crouse, General Manager. Negotiating Party: CSGF Rancho Murieta, LLC, BBC Murieta Land, LLC, Murieta Retreats, LLC, PCCP CSGF RB PORTFOLIO, LLC. Under Negotiation: Price and Terms.

Conference with Legal Counsel – Anticipated Litigation. Initiation of litigation pursuant to Government Code Section 54956.9(c): (One Potential Case).

Conference with Legal Counsel – Anticipated Litigation. Significant Exposure to Litigation Pursuant to 54956.9(b): (Two (2) Potential Cases).

5/6. BOARD RECONVENED TO OPEN SESSION AT 5:03 P.M. AND REPORTED THE FOLLOWING:

Under Government Code section 54956.8: Conference with Real Property Negotiators - Real Property APN 128-0080-067; APN 128-0080-068; APN 128-0080-069; APN 128-0080-076; and APN 128-0100-029. Real Property Agency Negotiator: Edward R. Crouse, General Manager. Negotiating Party: CSGF Rancho Murieta, LLC, BBC Murieta Land, LLC, Murieta Retreats, LLC, PCCP CSGF RB PORTFOLIO, LLC. Under Negotiation: Price and Terms. Nothing to report.

Conference with Legal Counsel – Anticipated Litigation. Initiation of litigation pursuant to Government Code Section 54956.9(c): (One Potential Case). Nothing to report.

Conference with Legal Counsel – Anticipated Litigation. Significant Exposure to Litigation Pursuant to 54956.9(b): (Two (2) Potential Cases). Nothing to report.

7. COMMENTS FROM THE PUBLIC

None.

8. CONSENT CALENDAR

Motion/Belton to adopt the consent calendar. **Second/Gumbinger. Ayes: Pasek, Belton, and Gumbinger. Noes: None. Absent: Ferraro and Martel.**

9. STAFF REPORTS

President Pasek stated he would like to re-visit retirement medical vesting in the next union contract negotiations.

10. CORRESPONDENCE

None.

11. REPORT BACK ON FINANCING AND SERVICES AGREEMENT

Ed Crouse gave a brief update on the status of the Financing and Services Agreement. The District received two (2) comment letters which were forwarded to Les Hock and his legal counsel for review and comment; to date we have not received a reply. The District has requested additional deposit monies from the 670 Group to continue work on the FSA. Staff met with Jim Galavan, PCCP, regarding the District's plans for the Water Treatment Plant #1 Upgrade and Expansion Project and the status of the FSA from the District's perspective. Jim agreed during the meeting to provide the requested deposit replenishment, which the District should have next week.

President Pasek asked John Sullivan if he is in or out of the current FSA negotiations. Mr. Sullivan stated that as it is now, he is out.

Director Gumbinger suggested staff sent a written response to the comment letters addressing each comment given.

12. APPROVE CONTRACT WITH ROEBBELEN CONSTRUCTION MANAGEMENT SERVICES, INC., FOR CONSTRUCTION MANAGER AT RISK SERVICES

Ed Crouse gave a brief summary of the recommendation to approve the contract with Roebbelen Construct Management Services, Inc., for Construction Manager at Risk Services. Additional edits will be made that do not change the terms of the contract but provide more clarification on the terms of payment (Exhibit B).

Motion/Gumbinger to approve the contract with Roebbelen Construction Management Services, Inc., for Construction Manager at Risk Services for the Water Treatment Plant Expansion Project. **Second/Belton. Ayes: Pasek, Belton, and Gumbinger. Noes: None. Absent: Ferraro and Martel.**

13. DISCUSS PROPER PROCEDURE FOR REQUESTING ITEMS BE ADDED TO MEETING AGENDAS

Director Belton thanked staff for addressing this item and stated that no changes were needed.

14. APPROVE COSTS FOR LAB TESTING OF WATER IN AUGMENTATION WELLS

Paul Siebensohn gave a brief summary of the recommendation to approve the costs for lab testing of water in the augmentation wells.

Motion/Gumbinger to approve up to \$2,500 to California Laboratory Services for lab testing of water in augmentation wells. Funding to come from Water Augmentation Reserves. **Second/Belton. Ayes: Pasek, Belton, and Gumbinger. Noes: None. Absent: Ferraro and Martel.**

15. NOMINATIONS FOR CALIFORNIA SPECIAL DISTRICTS ASSOCIATION (CSDA) COMMITTEE & EXPERT FEEDBACK TEAM PARTICIPATION

None.

16. REVIEW AND SELECT CONFERENCE/EDUCATION OPPORTUNITIES

No discussion.

17. MEETING DATES/TIMES

The October Security Committee meeting is cancelled.

18. COMMENTS/SUGGESTIONS – BOARD MEMBERS AND STAFF

Director Gumbinger stated he will be on vacation October 3 – 9, 2013. Director Gumbinger requested the Improvements Committee discuss the request from Rancho Murieta Association for the District to contribute money to the new North Gate. This item will go to the Board for discussion at the November 20, 2013 Board meeting.

Director Belton stated she will be on vacation from October 3 – 13, 2013. Director Belton stated Supervisor MacGlashan will be having an informal meet and greet at the Local Bean on September 28, 2013. She also thanked Supervisor MacGlashan for getting the Rancho Murieta road signs up.

President Pasek stated he will be on vacation September 27 – October 15, 2013 and requested that Darlene give a presentation in the next few months regarding the budget process and the surplus process. President Pasek also suggested looking into getting a secured loan for the WTP Expansion Project.

Paul Siebensohn stated that staff met with California Department of Public Health (CDPH) regarding Bass Lake and Lakes 10 and 11. Staff is waiting for a letter giving their decision. President Pasek suggested staff send CDPH a letter confirming our understanding of the meeting instead of waiting for a response from them.

Suzanne Lindenfeld stated that the next E-waste curbside pick is scheduled for Monday, October 7, 2013.

27. ADJOURNMENT

Motion/Gumbinger to adjourn at 5:55 p.m. **Second/Pasek. Ayes: Pasek, Belton, and Gumbinger. Noes: None. Absent: Ferraro and Martel.**

Respectfully submitted,

Suzanne Lindenfeld
District Secretary

MEMORANDUM

Date: October 1, 2013
To: Board of Directors
From: Finance Committee Staff
Subject: October 1, 2013 Finance Committee Meeting

1. CALL TO ORDER

Director Belton called the meeting to order at 9:02 a.m. Present was Director Belton. Present from District staff were Edward Crouse, General Manager; Darlene Gillum, Assistant General Manager; Greg Remson, Security Chief; Paul Siebensohn, Director of Field Operations; and Suzanne Lindenfeld, District Secretary. Director Pasek was absent.

2. COMMENTS FROM THE PUBLIC

None.

3. UPDATES

Community Facilities District #1 Annual Bond Levies

Darlene Gillum reported that the final bond payment is scheduled for October 1, 2013. The District's letter to Rancho Murieta South residents notifying them of the early bond call was mailed on September 27, 2013. NBS will be publishing a notice of the early bond call on EMMA on October 2, 2013.

Water Treatment Plant Expansion Financing Alternatives

Darlene Gillum reported that during the month of October, staff will be working with California Special District Association (CSDA) Finance Corporation, Wells Fargo Bank, and US Bank on specific financing needs for the Water Treatment Plant Expansion Project and will bring forward to the Board in October specifics regarding the financing alternatives and staff recommendations.

Financing and Services Agreement

Darlene Gillum reported that the District is continuing the hold on Financing and Services Agreement (FSA) negotiations pending receipt of additional developer deposit funding. PCCP has indicated the additional deposit funds will be provided soon. The Special Board Meeting for the FSA is scheduled for October 25, 2013.

4. 2012-13 AUDIT UPDATE

Larry Bain, CPA, gave a brief summary of the Draft Audit Report. Mr. Bain stated that the District has received a clean audit. **This item will be added to the October 16, 2013 Board of Directors meeting agenda.**

Mr. Bain will be at the October Board meeting to answer questions of the Board of Directors.

Darlene Gillum gave a brief summary of the recommendation to transfer funds from each department to reserves. Mr. Bain agreed with Darlene's methodology and approach used to make the recommendation.

5. DIRECTORS' & STAFF COMMENTS/SUGGESTIONS

No comments.

6. ADJOURNMENT

The meeting was adjourned at 9:47 a.m.

DRAFT

MEMORANDUM

Date: October 1, 2013
To: Edward R. Crouse, General Manager
From: Greg Remson, Safety Chairman
Subject: Safety Committee Meeting, October 1, 2013

The meeting was called to order at 11:35 a.m. Present were Greg Remson, Safety Chairman; Rob McLeod and Suzanne Lindenfeld.

NEW ACCIDENT REPORTS

None.

FACILITY INSPECTION REPORTS

None missing.

OTHER ITEMS

Second (2nd) quarter awards were purchased.

ADJOURNMENT

The meeting adjourned at 2:03 p.m.

MEMORANDUM

Date: October 2, 2013
To: Board of Directors
From: Improvements Committee Staff
Subject: October 2, 2013 Committee Meeting Minutes

1. CALL TO ORDER

Director Gumbinger called the meeting to order at 9:30 a.m. Present were Directors Gumbinger and Belton. Present from District staff were Edward Crouse, General Manager; Darlene Gillum, Assistant General Manager; Greg Remson, Security Chief; Paul Siebensohn, Director of Field Operations; and Suzanne Lindenfeld, District Secretary. Director Pasek was absent.

2. COMMENTS FROM THE PUBLIC

None.

6. DISCUSS NEW NORTH GATE FUNDING REQUEST BY RANCHO MURIETA ASSOCIATION (taken out of order)

Director Gumbinger gave a brief summary of the New North Gate Project and asked representatives from Rancho Murieta Association (RMA) to comment on their request for the District to help fund the new North Gate Project.

Randy Jenco, RMA Director, gave a brief summary of RMA's request for the District to provide funding for equipment for the new North Gate since the District requested all new equipment for the new gate. Mr. Jenco stated that from the beginning of the new gate talks/negotiations with PTF, RMA believed the District would contribute.

Greg Vorster, RMA General Manager, commented on the District's response letter, stating the delay in the start of the project was due to PTF negotiations with the District regarding water not RMA. The left turn lane is a fire department requirement.

Director Belton asked if the new North Developers were contributing. Mr. Vorster stated that their position is that the \$1.4 million PTF contributed is their contribution. A discussion followed.

Director Belton suggested the RMA General Manager and the District's General Manager meet to see what can be worked out. Director Gumbinger agreed. The tentative agreement will be presented to the Improvements Committee in November and then to the entire Board at the November Board meeting.

3. UPDATES

Augmentation Well

Paul Siebensohn stated that the test hole drilling for TH-A was completed and abandoned on September 20, 2013. Staff is waiting for the test results and a formal technical memorandum from

Dunn Environmental. The technical memorandum will address aquifer depth and characteristics, anticipated yield, water quality and preliminary well casing design.

Following the technical memorandum, the District will review the results with Dunn Environmental for a recommendation on how to proceed. If we decide to proceed, the next step is to formally bid the production well boring and development. As part of well development, a firm yield will be determined for long term production purposes.

Hotel Water Service Agreement

Ed Crouse stated that there is no change from last month as to formal approval and execution. The County's peer review consultant is nearing completion of his effort. Darlene provided additional information on our recent five (5) year rate history and five (5) year consumption data.

Recycled Water Feasibility Study – CDPH Meeting

Paul Siebensohn stated that the recent meeting with California Department of Public Health (CDPH) appears to have cleared the deck for use of Rancho Murieta Country Club (RMCC) lakes for storage. We are preparing our own confirmation notes and letter of the meeting.

Recycled Standards/Title 22 Report/Master Recycled Water Permit Application

Ed Crouse stated that Kevin Kennedy, AECOM, is continuing to make progress on the Title 22 report, and recycled water standards as these two (2) efforts have common elements. For both, we are trying to broaden uses and use areas so that the District can bring on varying uses and use areas without seeking Regional Board or CDPH approval for each new use.

Paul and Kevin have scheduled a meeting with RMCC to review our co-use concepts and to get a better handle on their irrigation operations.

4. WATER TREATMENT PLANT EXPANSION PROJECT

Review CEQA IS/MND

Ed Crouse gave a brief summary of the Draft Project Description (Ch.2 from the Admin. Draft IS/MND) for the Water Treatment Plant (WTP) Expansion Project prepared by HDR's in-house environmental team. Staff is currently reviewing its content and will provide comments. The IS/MND schedule calls for release of the IS/MND to the State Clearinghouse in late October, to begin a 30 day comment period. At our November Board meeting, the District will hold our public hearing on the draft IS/MND.

Design Update

Ed Crouse stated that HDR completed the 30% design drawings and held a 30% design review meeting on September 20, 2013. HDR is continuing with design and will be addressing comments as they come in. A design progress meeting is scheduled for this Friday, October 4, 2013.

HDR is moving forward with our SMUD application. Paul has contacted Sacramento County Air Quality to get permit requirements for our standby generator.

Roebbelen is moving forward on their 30% design construction cost estimate, as well as providing input to HDR.

5. APPROVE GEOTECHNICAL ENGINEERING STUDY PROPOSAL

Paul Siebensohn gave a brief summary of the recommendation to approve the proposal from Youngdahl Consulting Group, Inc. for Geotechnical Engineering Study for the Water Treatment Plant Expansion Project. **This item will be on the October 16, 2013 Board of Directors meeting agenda.**

DIRECTORS' & STAFF COMMENTS/SUGGESTIONS

Director Belton commented on the community cut back on water use when the 2020 Plan first rolled out but it appears water use is increasing. Director Gumbinger suggested the District hold a water usage workshop. Ed Crouse stated that he has given the 2020 Plan to Greg Vorster, RMA General Manager, and will be working with him and their Architectural Review Committee on ways to improve water conservation.

Paul Siebensohn stated that staff is still waiting for the bypass schedule related to the Main Lift North Project. The Country Store has been notified of the upcoming work.

Director Gumbinger reminded everyone that one of the Board goals is to cooperate with all the entities in the community.

7. ADJOURNMENT

The meeting was adjourned at 10:30 a.m.

MEMORANDUM

Date: October 4, 2013
To: Board of Directors
From: Communication & Technology Committee Staff
Subject: October 4, 2013 Communication & Technology Committee Meeting

Director Ferraro called the meeting to order at 9:00 a.m. Present were Directors Ferraro and Martel. Present from District staff were Edward Crouse, General Manager; Darlene Gillum, Assistant General Manager; Greg Remson, Security Chief; Paul Siebensohn, Director of Field Operations; and Suzanne Lindenfeld, District Secretary.

COMMENTS FROM THE PUBLIC

None.

PUBLIC OUTREACH

Water Reduction Communications to Residents

Darlene stated she is working on a letter to residents that have reduced their water usage to acknowledge the resident's contribution to our conservation goals. Specific measurements and parameters are still being developed/considered to ensure meaningful communication. Director Martel suggested that the letters be sent out annually as it would be easier to track annually instead of monthly.

After a discussion, Director Martel suggested the District should first work with Rancho Murieta Association (RMA) and Rancho Murieta Country Club (RMCC) since they are the biggest water users. Director Ferraro agreed.

Ed Crouse stated that he has given Greg Vorster, RMA General Manager, the 20 x 2020 Plan to review and will begin to work with RMA and their Architectural Committee.

Added Line to Billing Graph for 2020

Darlene stated that this item needs to be thoughtfully considered as the target for 2020 conservation is on per capita per day measurement and not by household/account. The per capita measurement includes all water uses, i.e., commercial, District, parks, etc. Director Ferraro requested that the graph indicate where the level of water use for their property should be at.

Bond Call Letter

Darlene stated the letter regarding the early call of the CFD #1 bonds was sent to all South residents on September 27, 2013. This letter notified the residents that their assessments for the CFD #1 bonds would no longer be made (eliminating two (2) years of tax assessments). Staff has received some calls asking what the property tax savings will be and to thank the District.

Well Augmentation Press Release

Darlene gave a brief summary of the press release that was provided to Ranchomurieta.com and to the River Valley Times regarding progress on the Well Augmentation project. The press release is also posted on the District's website.

REVIEW DISTRICT POLICY 2012-01, DISTRICT RESPONSE TO PUBLIC COMMENTS

Director Ferraro commented on the Communication & Technology Committee request for the Water Treatment Plant Update press release to be sent to the September Board Meeting for further discussion and approval before being released was disregarded. Ed Crouse stated that the release came from him, not the Board, so Board approval was not needed.

Director Martel stated that he felt staff was skirting the policy and suggested that Mr. Fields be invited to meet with staff and the Board to discuss his concerns. Ed stated that Mr. Fields contacted him after the news release went out and thanked him stating that he now has a clear view of the project.

John Sullivan suggested noting the District Policy at the end of responses to public comment.

HISTORY OF WATER EDU ALLOCATION SUMMARY

Ed Crouse stated that staff is reviewing how best to summarize the request to present to the public a history of the water EDU allocation. Some of the details we are struggling with include how far back and forward do we look; whether it is EDU or unit based; or whether it should be on an mgd basis; and who it should include for a landowner/developer perspective.

John Sullivan commented on the need for this all to be settled now to be able to proceed with the FSA and suggested it be changed from EDU to gallons which are easier to understand. Director Martel stated that he did not want to discuss the FSA at this time and suggested a conversion chart be developed for everyone to be able to refer to.

Ed stated that the new plant will be able to meet capacity for full build out so this should not be an issue in the future.

DIRECTOR & STAFF COMMENTS/SUGGESTIONS

Ed Crouse stated that the Improvements Committee requested the RMA General Manager and the District's General Manager meet to see what can be worked out. The tentative agreement will be presented to the Improvements Committee in November and then to the entire Board at the November Board meeting.

Director Ferraro asked if it would be possible to have the RMA Board and the District's Board meet together to work things out. Ed stated it is possible. It was tried in 1995/96 but did not go well.

Paul Siebensohn stated that Chesbro Reservoir is being drawn down so RMA can do some work on the boat launch area. Staff is still waiting for the bypass schedule related to the Main Lift North Project. Staff is moving forward on the department videos and some staff members have volunteered to be in them.

Director Martel asked about the status of the 360 Evaluation. Darlene stated that a report will be going to the November Personnel Committee and then to the Board.

Director Martel asked about the status of the FSA Comment letters. John Sullivan stated that they are waiting for Les Hock's response. They will be provided to the Board for review hopefully at the October Board meeting.

Director Martel asked for a legal opinion on his ability to use letterhead and have the District mail out a letter of his opinion of things going on in the District. Director Martel stated that neither the board nor staff will like what he has to say. Ed stated he will get the legal opinion for him.

Director Martel asked to speak with Larry Bain, CPA, prior to the Board meeting as he has some questions that he is going to ask at the meeting. Darlene stated she will set that up.

Chief Remson commented on the road work Caltrans is doing on Jackson Road.

ADJOURNMENT

The meeting was adjourned at 10:15 a.m.

MEMORANDUM

Date: October 9, 2013
 To: Board of Directors
 From: Darlene Gillum, Assistant General Manager
 Subject: Bills Paid Listing

Enclosed is the Bills Paid Listing Report for **September 2013**. Please feel free to call me before the Board meeting regarding any questions you may have relating to this report. This information is provided to the Board to assist in answering possible questions regarding large expenditures.

The following major expense items (excluding payroll related items) are listed *in order as they appear* on the Bills Paid Listing Report:

Vendor	Project/Purpose	Amount	Funding
California Waste Recovery Systems	Solid Waste Contract	\$44,551.21	Operating Expense
Carrillo Enterprises	Multiple Street Repairs, ditch maintenance	\$7,203.00	Operating Expense
HDR Engineering, Inc	MLN Wet Well Rehab WTP1 Expansion Design	\$4,418.20 <u>\$4,052.36</u> \$8,470.56	Reserve Expenditure LOC Demand
Univar USA, Inc.	Chemicals	\$5,942.21	Operating Expense
California Laboratory Services	Monthly Lab Tests Augmentation Well Tests	\$6,608.14 <u>\$ 886.90</u> \$7,495.04	Operating Expense Reserve Expenditure
Groeniger & Company	Hole #13 Culvert Pipe	\$18,921.60	Reserve Expenditure
NTU Technologies, Inc.	Chemicals	\$5,942.86	Operating Expense
SMUD	Monthly Electric	\$33,561.68	Operating Expense
Sierra Chemical	Chemicals	\$5,810.00	Operating Expense
USA Blue Book	Vibration Meter, Controller & Pump, Supplies	\$7,718.72	Operating Expense

Rancho Murieta Community Services District
Bills Paid Listing for September 2013

Ck Number	Date	Vendor	Amount	Purpose
CM26983	9/1/2013	California Public Employees' Retirement Sys	\$33,275.38	Payroll
CM26984	9/1/2013	Guardian Life Insurance	\$5,086.47	Payroll
CM26985	9/1/2013	Vision Service Plan (CA)	\$446.09	Payroll
ACH	9/3/2013	EFTPS	\$9,464.54	Bi-Weekly Payroll Taxes
CM27038	9/13/2013	A Leap Ahead IT	\$3,447.18	Monthly IT Support
CM27039	9/13/2013	Ace Hardware	\$122.91	Monthly Supplies
CM27040	9/13/2013	American Express	\$515.56	Monthly Bill
CM27041	9/13/2013	American Family Life Assurance Co.	\$590.24	Payroll
CM27042	9/13/2013	Aramark Uniform Services	\$222.26	Uniform Service - Water
CM27043	9/13/2013	ASR - Sacramento Uniform	\$291.50	Uniform - Security
CM27044	9/13/2013	Baldwin Cooke Company	\$200.49	Office Supplies
CM27045	9/13/2013	Baxter Auto Parts Inc.	\$30.22	Parts #818
CM27046	9/13/2013	Blue Moon Industries	\$128.00	Annual Support Renewal
CM27047	9/13/2013	C.S.D.A.	\$225.00	Training
CM27048	9/13/2013	California Waste Recovery Systems	\$45,315.02	Monthly Solid Waste
CM27049	9/13/2013	California Water Environment Association	\$199.00	Training
CM27050	9/13/2013	Carrillo Enterprises	\$7,203.00	Multiple repairs and maintenance work
CM27051	9/13/2013	CDW Government Inc.	\$115.82	IT Supplies
CM27052	9/13/2013	Costco Wholesale	\$703.34	Monthly Supplies
CM27053	9/13/2013	Daily Journal Corporation	\$112.00	Legal Notice: Ord 2013-02
CM27054	9/13/2013	Emedco Inc.	\$915.01	Maintenance & Repair Supplies
CM27055	9/13/2013	Employment Development Department	\$2,712.47	Payroll
CM27056	9/13/2013	Express Office Products, Inc.	\$364.66	Office Supplies
CM27057	9/13/2013	Fastsigns #60601	\$191.24	Decals Vehicle #818
CM27058	9/13/2013	Franchise Tax Board	\$310.98	Payroll
CM27059	9/13/2013	Gempler's, Inc.	\$21.92	Safety Supplies
CM27060	9/13/2013	Golden State Flow Measurement	\$3,504.88	Water Meters
CM27061	9/13/2013	Groeniger & Company	\$2,856.60	Maintenance & Repair Supplies
CM27062	9/13/2013	HDR Engineering, Inc	\$8,470.56	MLN Wet Well Rehab; WTP1 Expansion Design
CM27063	9/13/2013	Greg Larson	\$439.76	Refund Credit Balance
CM27064	9/13/2013	Legal Shield	\$116.32	Payroll
CM27065	9/13/2013	McMaster-Carr Supply Co.	\$130.79	Maintenance & Repair Supplies
CM27066	9/13/2013	Nationwide Retirement Solution	\$1,737.23	Payroll
CM27067	9/13/2013	Operating Engineers Local Union No. 3	\$498.87	Payroll
CM27068	9/13/2013	PERS Long Term Care Program	\$48.10	Payroll
CM27069	9/13/2013	Sprint	\$670.25	Monthly Cell Phone
CM27070	9/13/2013	TASC	\$172.69	Payroll
CM27071	9/13/2013	TelePacific Communications	\$490.58	Monthly Phone
CM27072	9/13/2013	U.S. Bank Corp. Payment System	\$4,088.18	Monthly Gasoline
CM27073	9/13/2013	U.S. HealthWorks Medical Group, PC	\$196.00	Pre-employment exam; HEP Vaccination
CM27074	9/13/2013	Univar USA Inc.	\$5,942.21	Chemicals

CM27075	9/13/2013	USA Blue Book	\$99.54	Maintenance & Repair Supplies
CM27076	9/13/2013	W.W. Grainger Inc.	\$665.62	Maintenance & Repair Supplies
CM27077	9/13/2013	Wilbur-Ellis Company	\$1,417.50	Chemicals
ACH	9/16/2013	EFTPS	\$10,284.75	Bi-Weekly Payroll Taxes
ACH	9/26/2013	US Postmaster	\$1,500.00	Postage
CM27078	9/27/2013	Action Cleaning Systems	\$1,235.40	Monthly Cleaning Service
CM27079	9/27/2013	AECOM Technical Services, Inc.	\$859.77	Title XVI Feasibility Report
CM27080	9/27/2013	American Family Life Assurance Co.	\$590.24	Payroll
CM27081	9/27/2013	American Reprographics Company	\$624.92	Scan Engineering Drawings
CM27082	9/27/2013	American Water Works Association	\$555.33	Training
CM27083	9/27/2013	Applications By Design, Inc.	\$125.00	Security Data Backup
CM27084	9/27/2013	Aramark Uniform Services	\$365.96	Uniform Service - Water
CM27085	9/27/2013	AT&T	\$837.48	Monthly Phone
CM27086	9/27/2013	California Laboratory Services	\$7,495.04	Monthly Lab Tests; Augmentation Well Testing
CM27087	9/27/2013	California Water Environment Association	\$25.00	Training
CM27088	9/27/2013	Caltronics Business Systems	\$1,493.16	Admin Copier Monthly Contract
CM27089	9/27/2013	CDW Government Inc.	\$208.10	IT Supplies
CM27090	9/27/2013	Don Christensen	\$100.00	Toilet Rebate
CM27091	9/27/2013	County of Sacramento	\$2,639.39	Sheriff's Off-duty Program
CM27092	9/27/2013	County of Sacramento	\$1,175.52	Quarterly County Surcharge (Garbage)
CM27093	9/27/2013	County of Sacramento	\$81.00	Pre-employment Background Check
CM27094	9/27/2013	Ditch Witch Equipment Company, Inc.	\$360.87	Tools
CM27095	9/27/2013	Employment Development Department	\$2,543.93	Payroll
CM27096	9/27/2013	Eurofins Eaton Analytical, Inc.	\$750.00	Geosmin & MIB Analysis
CM27097	9/27/2013	Express Office Products, Inc.	\$408.95	Office Supplies
CM27098	9/27/2013	Folsom Lake Fleet Services	\$642.69	Repair #517
CM27099	9/27/2013	Ford Motor Credit Company LLC	\$234.78	Security Patrol Vehicle Lease
CM27100	9/27/2013	Franchise Tax Board	\$269.06	Payroll
CM27101	9/27/2013	Gempler's, Inc.	\$60.80	Safety Supplies
CM27102	9/27/2013	Groeniger & Company	\$18,921.60	Hole #13 Culvert Pipe
CM27103	9/27/2013	HDR Engineering, Inc	\$1,533.05	WTP1 Expansion Design
CM27104	9/27/2013	Home Depot Credit Services	\$518.34	1" Pressure Reducer
CM27105	9/27/2013	Howe It's Done	\$308.40	Board Meeting Dinner
CM27106	9/27/2013	KMCREATIVE	\$3,000.00	Website Updates/Upgrades
CM27107	9/27/2013	Koff & Associates, Inc.	\$365.00	360 Degree Evaluation Survey
CM27108	9/27/2013	Kronick Moskovitz Tiedemann & Girard	\$3,571.50	Legal Consulting
CM27109	9/27/2013	Legal Shield	\$116.32	Payroll
CM27110	9/27/2013	Mario Mansilla	\$200.00	Toilet Rebate
CM27111	9/27/2013	Marty Boyer - Communication Advantage	\$30.00	Training
CM27112	9/27/2013	Nationwide Retirement Solution	\$1,737.23	Payroll
CM27113	9/27/2013	NTU Technologies, Inc.	\$5,942.86	Chemicals
CM27114	9/27/2013	Operating Engineers Local Union No. 3	\$477.18	Payroll
CM27115	9/27/2013	P. E. R. S.	\$26,220.44	Payroll
CM27116	9/27/2013	PERS Long Term Care Program	\$48.10	Payroll
CM27117	9/27/2013	Pesticide Applicators Professional Assoc.,	\$45.00	Membership

**Rancho Murieta Community Services District
Bills Paid Listing for September 2013**

Ck Number	Date	Vendor	Amount	Purpose
		CFD#1 Bank of America Checking		
CM2696	9/13/2013	SourceMedia LLC	\$4,240.00	CFD#1 Admin Fees
CM2697	9/27/2013	CoreLogic Solutions, LLC.	\$165.00	CFD#1 Admin Fees
CM2698	9/27/2013	Kronick Moskowitz Tiedemann & Girard	\$72.52	CFD#1 Legal Fees
		TOTAL	\$4,477.52	
		EL DORADO PAYROLL		
Payroll (El Dorado)				
Checks: # CM11062 to CM11074 and Direct Deposits: DD06673 to DD06732			\$ 109,334.96	Payroll
ACH	9/30/2013	National Payment Corp	\$139.52	Payroll
		TOTAL	\$109,474.48	

MEMORANDUM

Date: October 10, 2013
To: Board of Directors
From: Edward R. Crouse, General Manager
Subject: General Manager's Report

The following are highlights since our last Board Meeting.

Employee Relations

PERS medical enrollment ends October 11, 2013, with the changes being effective January 1, 2014. In December, Debby will be sending out individual letters to employees, noting any plan changes and changes to their cost share.

The 360-survey period is over and we received over 40 responses. Koff is preparing a summary report, which will be presented at the November Personnel Committee meeting with follow-up at the November Board meeting.

Finance/IT

Our auditor, Larry Bain, CPA, presented a clean audit report at October's Finance Committee meeting. He will be presenting the final audit at the October Board meeting and will be available for questions.

Our IT consultant, A Leap Ahead, is working out great. They are very responsive and work well with staff on fixing individual computers and network problems.

Security

Greg has tendered a conditional offer, which was accepted, to fill our vacant Patrol Officer position. The candidate is undergoing drug screening and a background check. And other good news, the Patrol Officer that has been out on a job related injury, has returned to work, bringing Security Patrol to full staffing.

Greg Vorster reported he had no complaints over the summer regarding access to or use of the north side beach area.

Water

Water production dropped dramatically from last month. Paul reports both plants are running, but only producing 2.0 mgd, down over 30% from last month.

Paul treated Chesbro for algae to stave off late season taste and odor complaints. Our treatments in August and September must have worked, as we did not receive any taste or odor complaints in September.

Paul reports our current storage at 3,380 AF or roughly 77% full headed into fall with cooler weather reducing evaporation and irrigation demands. With the lake levels this high, so late, we should have little problem in filling them, well before the end of our diversion season.

Wastewater

We shut down the reclamation plant in early October as we had little to no available storage to produce recycled water. We were so low in fact, we did not send any recycled water to Van Vleck this year.

Rancho Murieta Country Club (RMCC) is able to divert from the river as flows have inched up a bit, which is offset by a reduction in the downstream ranchers irrigation.

Drainage

Paul's crews are completing last minute vegetation and weed removals in the ditches. In addition, they are cleaning the inlets and pipes to clear debris.

Solid Waste

Nothing new to report on the collections side.

Engineering

Augmentation Well

Test Hole – A, near Cantova, was completed and abandoned in late September. We are waiting on a final technical memorandum of the results for both test holes.

Recycled Water Feasibility Study

The study is complete as well as our funding letter commitment. The final report was sent to the Bureau. With the federal shutdown, we received word that processing of grant reimbursements is delayed.

Our meeting last month with California Department of Public Health (CDPH) went well. We have documented our understanding in a letter back to CDPH and are including our understanding in our new recycled water standards and Title 22 report.

We are meeting with the Regional Board to assist us in defining use areas and various traditional irrigation uses so that we can bring on new users without having to go back to the Regional Board and CDPH for approvals.

Recycled Water Standards

The standards are complete and set for approval at the October Board meeting.

Master Reclamation Permit Application

Kevin continues to make progress on the Title 22 engineering report. Next up will be his work on the anti-degradation (of groundwater) analysis and salt nutrient plan, which will be included in our formal application.

Water Treatment Plant Design

HDR completed their 30% design and we held two (2) meetings so far to review their design and to provide our interim comments.

Roebbelen is completing their 30% cost estimate which should be available next week.

Conservation

October, like September, is ***Water with the Weather*** month. We are offering weather based controller and other irrigation related rebates to encourage more efficient late season watering.

MEMORANDUM

Date: October 9, 2013
 To: Board of Directors
 From: Darlene Gillum, Assistant General Manager
 Subject: Administration/Financial Reports

Enclosed is a combined financial summary report for **September 2013**. Following are highlights from various internal financial reports. Please feel free to call me before the Board meeting regarding any questions you may have relating to these reports.

This information is provided to the Board to assist in answering possible questions regarding under or over-budget items. In addition, other informational items of interest are included.

Water Consumption - Listed below are year-to-date water consumption numbers using weighted averages:

		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
	12 month rolling % increase												
Residences	0.0	2,513	2,513	2,513									
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
	Weighted average												
Cubic Feet	3,035	3074	2996	2932									
Gallons per day	757	766	747	731									
Planning Usage GPD	583												

Lock-Offs

For the month of September there were 17 lock-offs.

Aging Report – Delinquent accounts total \$64,507 which is 11.0% of the total accounts receivable balance of \$587,166. Past due receivables, as a percent of total receivables, have decreased by 1.4% since August.

Summary of Reserve Accounts as of September 30, 2013 – The District’s reserve accounts have increased \$203,176 year to date since July 1, 2013. The increase is due to the reserve amounts collected in the Water and Sewer base rates and interest earned. The District has expended \$74,807 of reserves since the beginning of the fiscal year, which started July 1, 2013. The total amount of reserves held by the District as of September 30, 2013 is \$8,908,301. Please see the Reserve Fund Balances table below for information by specific reserve account.

Reserve Fund Balances

<i>Reserve Descriptions</i>	<i>Fiscal Yr Beg Balance July 1, 2013</i>	<i>YTD Collected & Interest Earned</i>	<i>YTD Spent</i>	<i>Period End Balance Aug 31, 2013</i>
Water Capital Replacement (200-2505)	2,682,621	53,117	(21,878)	2,713,860
Sewer Capital Replacement (250-2505)	2,869,146	72,254	(34,007)	2,907,393
Drainage Capital Replacement (260-2505)	26,834	0	(18,922)	7,912
Security Capital Replacement (500-2505)	51,315	0	(0)	51,315
Sewer Capital Improvement Connection (250-2500)	4,008	0	(0)	4,008
Capital Improvement (xxx-2510)	392,601	0	(0)	392,601
Water Supply Augmentation (200-2511)	2,448,725	0	(0)	2,448,725
Water Debt Service Reserves (200-2512)	139,260	51,851	(0)	191,111
Sewer Debt Service Reserves (250-2512)	163,116	25,954	(0)	189,070
Rate Stabilization (200/250/500-2515)	2,306	0	(0)	2,306
<i>Total Reserves</i>	<i>8,779,932</i>	<i>203,176</i>	<i>(74,807)</i>	<i>8,908,301</i>

PARS GASB 45 Trust: The PARS GASB 45 Trust, which is the investment trust established to fund Other Post Employment Benefits, had the following returns:

Period ended July 31, 2013		
1-Month	3-Months	1-Year
2.8%	1.54%	13.20%

Financial Summary Report (year to date through September 30, 2013):

Revenues:

Water Charges, year-to-date, are **above** budget \$2,053 or .3%

Sewer Charges, year-to-date, are **below** budget \$275 or (0.1%)

Drainage Charges, year-to-date, are **below** budget \$136 or (0.3%)

Security Charges, year-to-date, are **below** budget \$126 or (0.0%)

Solid Waste Charges, year-to-date, are **below** budget \$146 or (0.1%)

Total Revenues, which include other income, property taxes and interest income year-to-date, are **above** budget \$12,617 or 0.8% (\$11,300 of which is due to late charges and transfer fees exceeding budget projections). Year to date residential Water usage has exceeded budget projections by 1.6% and year to date commercial Water usage is below budget projections by (4.9%).

Expenses: Year-to-date total operating expenses are below budget \$106,494 or 7.9%. Year-to-date operational reserve expenditures total \$18,922. Operational reserve expenditures cover projects funded from reserves which are also recorded as operational expenses through the income statement as required by Generally Accepted Accounting Principles (GAAP).

Water Expenses, year-to-date, are **below budget \$44,001 or (11.1%), prior to reserve expenditures.** Wages are under budget due to the open Utility Worker position and the actual allocation variance between Water, Sewer and Drainage. Employer Costs are under budget due to the combination of the open Utility Worker position, Medical Opt Out contingency under-run and the variance between the actual allocation of labor charges between Water, Sewer and Drainage and the projected budget allocations. Taste & Oder Chemicals, Water Meters Maintenance & Repair, and Other Direct Costs (which includes Legal, IT Systems Maintenance, and Conservation) are the largest areas running below budget. Year-to-date \$0 of expenses have been incurred from reserves expenditures.

Sewer Expenses, year-to-date, are **below budget by \$26,138 or (9.9%), prior to reserve expenditures.** Areas running over budget are Chemicals and Lab Tests. Wages are under budget due to the open Utility Worker position and the actual allocation variance between Water, Sewer and Drainage. Employer Costs are under budget due to the combination of the open Utility Worker position, Medical Opt Out contingency under-run and the variance between the actual allocation of labor charges between Water, Sewer and Drainage and the projected budget allocations. Areas running below budget are Power, Maintenance & Repair, Permits, Training/Safety, Equipment Rental and Other Direct Costs (which includes Vehicle Maintenance, Vehicle Fuel, Legal, IT Systems Maintenance and Consulting). Year-to-date \$0 of expenses have been incurred from reserves expenditures.

Drainage Expenses, year-to-date, are **below budget by \$179 or (.56%).** Areas running over budget are Permits. Wages are over budget due to the combination of the open Utility Worker position and the actual allocation variance between Water, Sewer and Drainage. Employer Costs are over budget due to the combination of the open Utility Worker position, Medical Opt Out contingency under-run and the variance between the actual allocation of labor charges between Water, Sewer and Drainage and the projected budget allocations. Areas running below budget are Maintenance and Repair, Power, Chemicals and Other Direct Costs (which includes Consulting and Drainage Flood Work).

Security Expenses, year-to-date, are **below budget by \$31,362 or (12.3%).** Areas running over budget are Vehicle Maintenance and Off Duty Sheriff (a portion of which will be billed to Summerfest). Wages and Employer Costs are running under budget due to the open Patrol Officer position and a Patrol Officer out on a Workers' Comp injury. Areas running below budget are Vehicle Fuel and Other (which includes Telephones, Barcodes, Vehicle Lease, Legal, and Training/Safety).

Solid Waste Expenses, year-to-date, are **below budget by \$372 or (0.3%).**

General Expenses, year-to-date, are **below budget by \$5,188 or (2.0%)**. The largest areas running over budget are Insurance (due to the increase in our property base cost), Office Supplies (related to the purchase of the new billing statement stock) and Community Communications (related to website updates/upgrades). Areas running below budget are Wages, Employer Cost, Director Meetings, Legal, IT Systems Maintenance and Other Costs (which includes Travel, Postage, Memberships and Training).

Net Income: Year-to-date unadjusted net income, before depreciation, is \$321,075. Net income/(Loss) adjusted for estimated depreciation expense of \$275,114 is (\$45,961).

The YTD expected net operating income before depreciation, per the 2013-2014 budget, is \$201,964. The actual net operating income is \$119,111 higher than the budget expectation due to revenue running \$12,617 over budget and total operating expenses running under budget \$106,494.

Rancho Murieta Community Services District
Summary Budget Performance Report
YTD THROUGH SEPTEMBER 2013

	% of Total	Annual Budget	% of Total	YTD Budget	YTD Actuals	% of Total	YTD VARIANCE	
							Amount	%
REVENUES								
Water Charges	31.7%	\$1,775,230	38.7%	\$602,383	\$604,436	38.5%	\$2,053	0.3%
Sewer Charges	22.1%	1,237,740	19.9%	309,333	309,058	19.7%	(275)	(0.1%)
Drainage Charges	3.2%	180,430	2.9%	45,105	44,969	2.9%	(136)	(0.3%)
Security Charges	21.2%	1,185,510	19.0%	296,376	296,250	18.9%	(126)	0.0%
Solid Waste Charges	11.1%	621,072	10.0%	155,268	155,122	9.9%	(146)	(0.1%)
Other Income	1.7%	92,550	1.5%	22,693	34,193	2.2%	11,500	50.7%
Interest Earnings	0.0%	1,140	0.0%	284	31	0.0%	(253)	(89.1%)
Property Taxes	9.0%	502,800	8.1%	125,700	125,700	8.0%		0.0%
Total Revenues	100.0%	5,596,472	100.0%	1,557,142	1,569,759	100.0%	12,617	0.8%
OPERATING EXPENSES								
Water/Sewer/Drainage								
Wages	14.5%	809,730	13.7%	185,300	175,366	14.0%	(9,934)	(5.4%)
Employer Costs	6.9%	385,450	6.7%	90,601	86,043	6.9%	(4,558)	(5.0%)
Power	5.8%	325,510	6.1%	82,235	73,622	5.9%	(8,613)	(10.5%)
Chemicals	4.3%	240,200	6.8%	91,795	76,314	6.1%	(15,481)	(16.9%)
Maint & Repair	6.2%	345,470	6.8%	91,755	78,959	6.3%	(12,796)	(13.9%)
Meters/Boxes	1.0%	54,000	0.9%	11,750	8,765	0.7%	(2,985)	(25.4%)
Lab Tests	1.3%	74,250	1.2%	16,700	18,939	1.5%	2,239	13.4%
Permits	1.1%	64,300	1.3%	17,700	20,704	1.7%	3,004	17.0%
Training/Safety	0.4%	21,700	0.6%	7,475	4,095	0.3%	(3,380)	(45.2%)
Equipment Rental	0.8%	43,500	0.7%	9,500	8,173	0.7%	(1,327)	(14.0%)
Other	7.0%	394,010	6.5%	87,429	70,943	5.7%	(16,486)	(18.9%)
Subtotal Water/Sewer/Drainage	49.3%	2,758,120	51.1%	692,240	621,923	49.8%	(70,317)	(10.2%)
Security								
Wages	11.2%	625,100	10.5%	142,600	126,190	10.1%	(16,410)	(11.5%)
Employer Costs	6.7%	374,700	6.4%	87,400	76,142	6.1%	(11,258)	(12.9%)
Off Duty Sheriff Patrol	0.1%	6,000	0.1%	1,500	3,753	0.3%	2,253	150.2%
Other	1.7%	94,700	1.7%	22,913	16,967	1.4%	(5,946)	(26.0%)
Subtotal Security	19.7%	1,100,500	18.8%	254,413	223,052	17.9%	(31,361)	(12.3%)
Solid Waste								
CWRS Contract	9.7%	543,000	10.0%	135,750	136,143	10.9%	393	0.3%
Sacramento County Admin Fee	0.6%	34,680	0.6%	8,670	8,649	0.7%	(21)	(0.2%)
HHW Event	0.2%	12,000	0.0%			0.0%		0.0%
Subtotal Solid Waste	10.5%	589,680	10.7%	144,420	144,792	11.6%	372	0.3%
General / Admin								
Wages	9.5%	534,200	8.9%	120,800	118,810	9.5%	(1,990)	(1.6%)
Employer Costs	5.2%	292,300	5.1%	68,700	63,380	5.1%	(5,320)	(7.7%)
Insurance	0.8%	45,000	0.8%	11,253	16,153	1.3%	4,900	43.5%
Legal	0.4%	25,000	0.4%	6,000	2,646	0.2%	(3,354)	(55.9%)
Office Supplies	0.3%	19,200	0.4%	4,800	7,242	0.6%	2,442	50.9%
Director Meetings	0.3%	18,000	0.3%	4,506	3,500	0.3%	(1,006)	(22.3%)
Telephones	0.1%	4,620	0.1%	1,152	1,102	0.1%	(50)	(4.3%)
Information Systems	1.4%	79,000	1.4%	19,406	16,901	1.4%	(2,505)	(12.9%)
Community Communications	0.1%	5,900	0.1%	1,350	4,533	0.4%	3,183	235.8%
Postage	0.4%	21,780	0.4%	5,445	4,510	0.4%	(935)	(17.2%)
Janitorial/Landscape Maint	0.3%	16,800	0.3%	4,200	4,244	0.3%	44	1.0%
Other	1.5%	86,500	1.2%	16,493	15,896	1.3%	(597)	(3.6%)
Subtotal General / Admin	20.5%	1,148,300	19.5%	264,105	258,917	20.7%	(5,188)	(2.0%)
Total Operating Expenses	100.0%	5,596,600	100.0%	1,355,178	1,248,684	100.0%	(106,494)	(7.9%)
Operating Income (Loss)	100.0%	(128)	100.0%	201,964	321,075	100.0%	119,111	59.0%
Non-Operating Expenses								
Drainage Reserve Expenditure	0.0%		0.0%		18,922	100.0%	18,922	0.0%
Total Non-Operating Expenses	0.0%		0.0%		18,922	100.0%	18,922	0.0%
Net Income (Loss)	100.0%	(128)	100.0%	201,964	302,153	100.0%	100,189	49.6%

Rancho Murieta Community Services District
Budget Performance Report by FUND
YTD THROUGH SEPTEMBER 2013

	% of Total	Annual Budget	% of Total	YTD Budget	YTD Actuals	% of Total	YTD VARIANCE Amount %	
WATER								
REVENUES								
Water Charges	98.7%	\$1,775,230	99.0%	\$602,383	\$604,436	98.7%	\$2,053	0.3%
Interest Earnings	0.0%	80	0.0%	20		0.0%	(20)	(100.0%)
Other Income	1.3%	23,830	1.0%	5,958	7,740	1.3%	1,782	29.9%
Total Water Revenues	100.0%	1,799,140	100.0%	608,361	612,176	100.0%	3,815	0.6%
EXPENSES (excluding depreciation)								
Wages	28.2%	437,250	25.2%	100,062	94,346	26.8%	(5,716)	(5.7%)
Employer Costs	13.4%	208,130	12.3%	48,925	46,574	13.2%	(2,351)	(4.8%)
Power	10.7%	166,050	8.9%	35,285	35,548	10.1%	263	0.7%
Chemicals	8.0%	124,500	9.6%	37,885	38,108	10.8%	223	0.6%
T&O - Chemicals/Treatment	3.3%	51,000	8.0%	31,900	11,436	3.2%	(20,464)	(64.2%)
Maint & Repair	10.4%	161,070	12.5%	49,505	42,804	12.1%	(6,701)	(13.5%)
Meters/Boxes	3.5%	54,000	3.0%	11,750	8,765	2.5%	(2,985)	(25.4%)
Lab Tests	2.3%	36,000	1.9%	7,500	8,271	2.3%	771	10.3%
Permits	2.1%	32,000	1.9%	7,500	7,395	2.1%	(105)	(1.4%)
Training/Safety	0.5%	7,500	0.5%	1,825	2,405	0.7%	580	31.8%
Equipment Rental	1.5%	23,000	1.3%	5,000	6,762	1.9%	1,762	35.2%
Other Direct Costs	16.2%	251,070	15.0%	59,521	50,243	14.2%	(9,278)	(15.6%)
Operational Expenses	100.0%	1,551,570	100.0%	396,658	352,657	100.0%	(44,001)	(11.1%)
Water Income (Loss)	16.0%	247,570	53.4%	211,703	259,519	73.6%	47,816	22.6%
38.9% Net Admin Alloc	16.0%	247,570	13.4%	53,056	50,026	14.2%	(3,030)	(5.7%)
Total Net Income (Loss)	0.0%		40.0%	158,647	209,493	59.4%	50,846	32.0%
SEWER								
REVENUES								
Sewer Charges	98.7%	1,237,740	98.7%	309,333	309,058	98.2%	(275)	(0.1%)
Interest Earnings	0.0%	140	0.0%	33		0.0%	(33)	(100.0%)
Other Income	1.3%	15,990	1.3%	3,996	5,720	1.8%	1,724	43.1%
Total Sewer Revenues	100.0%	1,253,870	100.0%	313,362	314,778	100.0%	1,416	0.5%
EXPENSES (excluding depreciation)								
Wages	29.7%	315,800	27.4%	72,267	66,723	28.1%	(5,544)	(7.7%)
Employer Costs	14.1%	150,330	13.4%	35,334	32,849	13.8%	(2,485)	(7.0%)
Power	13.5%	143,960	16.4%	43,160	35,467	14.9%	(7,693)	(17.8%)
Chemicals	6.6%	70,300	9.9%	26,160	35,680	15.0%	9,520	36.4%
Maint & Repair	16.2%	172,500	14.9%	39,250	36,155	15.2%	(3,095)	(7.9%)
Lab Tests	3.6%	38,250	3.5%	9,200	10,668	4.5%	1,468	16.0%
Permits	2.6%	27,300	3.9%	10,200	8,445	3.6%	(1,755)	(17.2%)
Training/Safety	1.3%	14,200	2.1%	5,650	1,690	0.7%	(3,960)	(70.1%)
Equipment Rental	1.5%	16,000	1.5%	4,000		0.0%	(4,000)	(100.0%)
Other Direct Costs	10.9%	116,240	7.1%	18,633	10,039	4.2%	(8,594)	(46.1%)
Operational Expenses	100.0%	1,064,880	100.0%	263,854	237,716	100.0%	(26,138)	(9.9%)
Sewer Income (Loss)	17.7%	188,990	18.8%	49,508	77,062	32.4%	27,554	55.7%
29.7% Net Admin Alloc	17.8%	189,020	15.4%	40,714	38,195	16.1%	(2,519)	(6.2%)
Total Net Income (Loss)	0.0%	(30)	3.3%	8,794	38,867	16.4%	30,073	342.0%
DRAINAGE								
REVENUES								
Drainage Charges	100.0%	180,430	100.0%	45,105	44,969	100.0%	(136)	(0.3%)
Interest Earnings	0.0%	30	0.0%	7		0.0%	(7)	(100.0%)
Total Drainage Revenues	100.0%	180,460	100.0%	45,112	44,969	100.0%	(143)	(0.3%)
EXPENSES (excluding depreciation)								
Wages	40.0%	56,680	40.9%	12,971	14,297	45.3%	1,326	10.2%
Employer Costs	19.1%	26,990	20.0%	6,342	6,620	21.0%	278	4.4%
Power	10.9%	15,500	11.9%	3,790	2,607	8.3%	(1,183)	(31.2%)
Chemicals	3.8%	5,400	4.3%	1,350	1,418	4.5%	68	5.0%
Maint & Repair	8.4%	11,900	9.5%	3,000		0.0%	(3,000)	(100.0%)
Permits	3.5%	5,000	0.0%		4,864	15.4%	4,864	0.0%
Equipment Rental	3.2%	4,500	1.6%	500	1,411	4.5%	911	182.2%
Other Direct Costs	11.1%	15,700	11.9%	3,775	332	1.1%	(3,443)	(91.2%)
Operational Expenses	100.0%	141,670	100.0%	31,728	31,549	100.0%	(179)	(0.6%)
Drainage Income (Loss)	27.4%	38,790	42.2%	13,384	13,420	42.5%	36	0.3%
6.1% Net Admin Alloc	27.4%	38,820	26.2%	8,314	7,845	24.9%	(469)	(5.6%)
Reserve Expenditures	0.0%		0.0%		18,922	60.0%	18,922	0.0%
Total Net Income (Loss)	0.0%	(30)	16.0%	5,070	(13,347)	-42.3%	(18,417)	(363.3%)
SECURITY								
REVENUES								
Security Charges	96.4%	1,185,510	96.4%	296,376	296,250	94.8%	(126)	0.0%
Interest Earnings	0.0%	410	0.0%	104		0.0%	(104)	(100.0%)
Other Income	3.6%	43,730	3.6%	10,933	16,150	5.2%	5,217	47.7%
Total Security Revenues	100.0%	1,229,650	100.0%	307,413	312,400	100.0%	4,987	1.6%

Rancho Murieta Community Services District
Budget Performance Report by FUND
YTD THROUGH SEPTEMBER 2013

	% of Total	Annual Budget	% of Total	YTD Budget	YTD Actuals	% of Total	YTD VARIANCE	
							Amount	%
EXPENSES (excluding depreciation)								
Wages	56.8%	\$625,100	56.1%	\$142,600	\$126,190	56.6%	(\$16,410)	(11.5%)
Employer Costs	34.0%	374,700	34.4%	87,400	76,142	34.1%	(11,258)	(12.9%)
Equipment Repairs	0.4%	4,400	0.4%	1,101	526	0.2%	(575)	(52.2%)
Vehicle Maintenance	0.6%	6,700	0.7%	1,675	6,305	2.8%	4,630	276.4%
Vehicle Fuel	1.9%	20,560	2.3%	5,865	3,510	1.6%	(2,355)	(40.2%)
Off Duty Sheriff Patrol	0.5%	6,000	0.6%	1,500	3,753	1.7%	2,253	150.2%
Other	5.7%	63,040	5.6%	14,272	6,625	3.0%	(7,647)	(53.6%)
Operational Expenses	100.0%	1,100,500	100.0%	254,413	223,051	100.0%	(31,362)	(12.3%)
Security Income (Loss)	11.7%	129,150	20.8%	53,000	89,349	40.1%	36,349	68.6%
20.3% Net Admin Alloc	11.7%	129,190	10.9%	27,674	26,106	11.7%	(1,568)	(5.7%)
Total Net Income (Loss)	0.0%	(40)	10.0%	25,326	63,243	28.4%	37,917	149.7%
SOLID WASTE REVENUES								
Solid Waste Charges	99.9%	621,072	99.9%	155,268	155,122	100.0%	(146)	(0.1%)
Interest Earnings	0.1%	400	0.1%	100		0.0%	(100)	(100.0%)
Total Solid Waste Revenues	100.0%	621,472	100.0%	155,368	155,122	100.0%	(246)	(0.2%)
EXPENSES (excluding depreciation)								
CWRS Contract	92.1%	543,000	94.0%	135,750	136,143	94.0%	393	0.3%
Sacramento County Admin Fee	5.9%	34,680	6.0%	8,670	8,649	6.0%	(21)	(0.2%)
HHW Event	2.0%	12,000	0.0%			0.0%		0.0%
Operational Expenses	100.0%	589,680	100.0%	144,420	144,792	100.0%	372	0.3%
Solid Waste Income (Loss)	5.4%	31,792	7.6%	10,948	10,330	7.1%	(618)	(5.6%)
5.0% Net Admin Alloc	5.4%	31,820	4.7%	6,821	6,430	4.4%	(391)	(5.7%)
Total Net Income (Loss)	0.0%	(28)	2.9%	4,127	3,900	2.7%	(227)	(5.5%)
OVERALL NET INCOME(LOSS)	100.0%	(128)	100.0%	201,964	302,156	100.0%	100,192	49.6%

RANCHO MURIETA COMMUNITY SERVICES DISTRICT

INVESTMENT REPORT

CASH BALANCE AS OF SEPTEMBER 30, 2013

INSTITUTION	YIELD	BALANCE
CSD FUNDS		
EL DORADO SAVINGS BANK		
SAVINGS	0.03%	\$ 485,187.12
CHECKING	0.02%	\$ 5,912.94
PAYROLL	0.02%	\$ 4,603.37
AMERICAN WEST BANK		
EFT	N/A	\$ 97,541.57
LOCAL AGENCY INVESTMENT FUND (LAIF)		
UNRESTRICTED		\$ -
RESTRICTED RESERVES	0.27%	\$ 5,682,493.04
CALIFORNIA ASSET MGMT (CAMP)		
OPERATION ACCOUNT	0.06%	\$ 3,595,493.48
UNION BANK		
PARS GASB45 TRUST (balance as of 7/31/13)		\$ 505,193.20
TOTAL		\$ 10,376,424.72

BOND FUNDS

COMMUNITY FACILITIES DISTRICT NO. 1 (CFD)

BANK OF AMERICA		
CHECKING	N/A	\$ 134,872.35
CALIFORNIA ASSET MGMT (CAMP)		
SPECIAL TAX	0.06%	\$ 8,299.70
US BANK		
SPECIAL TAX REFUND	0.00%	\$ -
BOND RESERVE FUND/ SPECIAL TAX FUND	0.00%	\$ 2,599,175.00
TOTAL		\$ 2,742,347.05
TOTAL ALL FUNDS		\$ 13,118,771.77

The investments comply with the CSD adopted investment policy.

PREPARED BY: Darlene Gillum
Assistant General Manager

MEMORANDUM

Date: October 8, 2013
To: Board of Directors
From: Greg Remson, Security Chief
Subject: Security Report for the Month of September 2013

OPERATIONS

Security Patrol Officer Tompkins attended the Take a Kid Mountain Biking Day at Clementia Park. Sounds like there was a good turnout with lots of kids of all ages.

A job offer has been accepted for the vacant Security Patrol Officer position. He is in the pre-employment phase. The injured Security Patrol Officer has been released for duty and will resume patrol duties this week.

INCIDENTS OF NOTE

September 2, Monday, reported at 10:18 a.m. on Abierto Drive. Three (3) tires were slashed on a vehicle that was parked in the driveway. Referred to Sacramento Sheriff's Department (SSD) for a report.

September 15, Sunday, reported at 3:24 p.m. at Riverview Park. Damaged water fountain. Rancho Murieta Association (RMA) Maintenance notified.

September 21, Saturday, reported at 8:43 a.m. on Guadalupe Drive. Property was taken from an unlocked vehicle that was parked in the driveway. Referred to SSD for a report.

September 21, Saturday, reported at 11:19 a.m. on Lindero Lane. Property was taken from an unlocked vehicle that was parked in the driveway. Referred to SSD for a report.

September 22, Sunday, 1:28 a.m. at the Rancho Murieta Airport. Security received a complaint of drag racing at the airport. A Security Officer and a Sheriff's Deputy working off duty for the District responded and contacted two (2) subjects. The Sheriff's Deputy attempted to issue one subject a citation regarding a previous DUI issue. The subject refused to sign the citation. After numerous attempts and the subject's continual refusal to sign, he was arrested and transported to jail by the Deputy.

September 23, Monday, reported at 12:20 p.m. on Domingo Drive. A garage door opener taken from a vehicle that was parked in the driveway. Referred to SSD for a report.

September 25, Wednesday, 10:50 a.m. on the 18th North. Resident driving golf cart in an erratic and unsafe manner. Damaged done to green, sand trap and cart. Rancho Murieta Country Club (RMCC) and parent notified of circumstances.

September 28, Saturday, reported at 4:11 p.m. at the Gazebo parking lot. Disturbance over a vehicle allegedly parked too close to a motorcycle resulting in one subject punching another in the face. SSD responded and mediated situation.

September 28, Sunday, reported Monday at 9:09 a.m. at the Murieta Village Clubhouse. Food was taken from the kitchen area. No forced entry.

September 30, Monday, reported at 8:40 p.m. at the China Palace. The wrought iron fence around the patio had been pushed in about two feet.

During the month of September, District Security Patrol Officers also responded to complaints of loud music, disturbances, and door bell ditching.

RANCHO MURIETA ASSOCIATION COMPLIANCE/GRIEVANCE/SAFETY COMMITTEE MEETING

The meeting was held on September 9, 2013 at the Rancho Murieta Association (RMA) office. Items discussed included a complaint about poor visibility at an intersection due to large bushes and a review of public comments regarding Delinquent Accounts-Collection Procedures from the RMA Non-Arch Rules. There was one (1) appearance for unauthorized vehicle and two (2) letters for driveway parking and one (1) for overnight street parking. The next meeting is scheduled for October 7, 2013.

JOINT SECURITY COMMITTEE MEETING

The next meeting is scheduled for November 1, 2013. Presently, items on the agenda include Security Surveillance Cameras and Golf Cart Safety.

JAMES L. NOLLER SAFETY CENTER

The Safety Center has been open most Mondays and Wednesdays from 10:00 a.m. to 2:00 p.m. VIPS Jacque Villa and Steve Lentz continue patrolling the District as another set of "eyes and ears".

The Safety Center is also available to all law enforcement officers for report writing, meal breaks and any other needs that arise.

Anyone who is interested in joining the VIPS program or would like information on the Neighborhood Watch program can contact the VIPS at the Safety Center office at 354-8509.

NEW NORTH GATE

RMA General Manager, Greg Vorster, sent a letter to the District requesting approximately \$200,000 to cover costs including the surveillance camera system, gate operators, and barcode readers. RMA Director Randy Jenco and Greg Vorster spoke at the Improvements Committee meeting to discuss the requests. After discussion it was agreed that Ed Crouse and Greg Vorster would meet to discuss the District's contribution, if any.

BEACH ACCESS/PTF GATES

Patrol Officers continue to open the gate at dawn and close it at dusk. Calls for service continue to be rare.

MEMORANDUM

Date: October 9, 2013
To: Board of Directors
From: Paul Siebensohn, Director of Field Operations
Subject: Water/Wastewater/Drainage Report

The following is District Field Operations information and projects staff has worked on since the last Board meeting.

Water

Water Treatment Plant #1 production is currently set at 1.1 million gallons per day (MGD) and Plant #2 production is at 0.9 MGD for a total of 2.0 MGD, with facility run times currently operating around 23 hours per day. Production has dropped due to the lessening irrigation demands in our system due to cooler days and longer nights.

Total potable water production for September 2013 was approximately 63.818 million gallons (MG), or 195.9 acre-feet, down up from last month's total flow of 76.7 MG. Based off of production versus number of connections, the average usage per customer connection was 813 gallons per day during the month of September. A total of 0.64" of rainfall was recorded for the month of September with evaporation at 5.81" as measured by the U.S. Bureau of Reclamation at Folsom Lake.



Maintenance at the Water Treatment Plant this past month included: cleaning of Water Plant #2 sedimentation basin #2; maintenance of sedimentation chain-of-flights; removal and replacement of some siding panels for a dry-rot investigation at Plant #2; installation of a Fluorometer for detection of algae concentrations; improvement to backwash return plumbing for Plant #2; repair of air relief valve and plumbing for Plant #2 clear well pump.

Water Source of Supply

On October 2, 2013, the combined raw water storage for Calero, Chesbro, and Clementia Reservoirs measured approximately 1,100.1 MG (3,376.9 acre-feet). We are currently allowing the Chesbro Reservoir to draw down at the request of the Rancho Murieta Association (RMA) to allow them to install a new boat ramp.



Preparing Granlee North Dam for repairs

Staff made some repairs to the Granlees Dam on the north side of the Cosumnes River as requested by the Department of Water Resources Division of Dam Safety during our annual inspections. A Streambed Alteration Notification was filed with the Department of Fish and Wildlife prior to the work being done. They acknowledged that the Notification was required but a Permit was not needed. Staff also filled in several potholes along the Clementia Dam to save wear and tear on our vehicles driving out to the Granlee pump station/CIA ditch diversion on a daily basis.

We treated Chesbro Reservoir for algae in September to control the algae that form the taste and odor compounds in our water supply. No taste or odor complaints were received in September.

Wastewater Treatment, Collection and Reclamation

Influent wastewater flow averaged 0.408 million gallons a day, for a total of 12,227,680 gallons, (38.6 acre-feet) for the month of September. On October 7, 2013, the last day of providing tertiary recycled water to Rancho Murieta Country Club (RMCC), the wastewater facility's secondary storage measured a total of 10.7 MG (32.8 acre-feet). RMCC was supplied 18.19 MG (55.8 cc-ft) of reclaimed water in September for their irrigation needs.



Tertiary Recycled Water flowing into the Equalization basin before delivery to the RMCC.



This past month, 191 tons of biosolids were removed from the sludge drying beds, shown in the photo to the left. There was one (1) call for sewer service this past month which was determined to be on the homeowner's property, which staff cleared as part of their investigation.

Drainage / CIA Ditch

Staff is continuing cutting vegetation in drainage ditches throughout the community. Our main focus is ensuring that the entrances and exits of culvert pipes and the pipes themselves are clear to accommodate stormwater flows.

I met with the riparian users along the Cosumnes River in our area to discuss shared use of water from the river, as the flow in the river had dropped to 2 cubic feet per second (cfs). It was a good meeting with thoughts and concerns shared, as well as ideas for future times of anticipated low flows. Since then, some rain and cooler weather has allowed the river flow to increase and maintain near 12 cfs.



Water Metering & Utility Staff Work

Staff completed all of the necessary water meter maintenance in September which included replacement of nineteen (19) water meters. Utility staff repaired five (5) District service line water leaks. Also completed were six (6) underground service alert (USA) requests and twenty-one (21) Utility Star service orders.

While excavating for a routine water line repair on Nueva Drive, we were fortunate that our staff did not hit direct burial lines for SMUD power and AT&T Communications that were improperly marked. The red marking for power and the orange line for communications were several feet off from where they actually were under the street. They were also improperly backfilled during installation as no utility sand is present in the trench line, a typical indication that you may be getting close to a utility during excavation. A letter of concern is being sent to SMUD, AT&T and USA North.



USA markings for Power and Communication.



Where SMUD Power & AT&T lines actually were, directly on top of our water line.

Other Projects

Well Project

We are currently waiting on Dunn Environmental Inc. to provide a completed report of their findings from the test hole drillings for TH-A (at the FAA field) and TH-B (near the river on the Anderson Ranch). This report should outline what the anticipated yields may be from each site and recommendations for moving forward with well development. It is currently known that TH-A can produce around 100gpm and TH-B around 200gpm or more, however the sustained yield from each is unknown. The photo below shows the drilling that occurred at site TH-A when a pocket of water was producing around 100gpm at a depth of around 200 feet.

Water Plant Phase 3

We continue to meet with HDR and Roebbelen to discuss moving forward from the 30% design documents to incorporate District and regulatory needs, as well as continue to develop environmental review documents. Youngdahl completed their geologic site review and update, as well as the block wall design recommendations along the drying beds.



Main Lift North Rehabilitation Project

The project submittals have been received, reviewed and comments sent back to the TNT. Currently, TNT is focusing on procurement of the project materials, with project work expected to pick up on October 14, 2013.

Recycled Water For Future Use

We continue to work with AECOM on developing the recycled water standards and specifications. We are also continuing dialogue with the California Department of Public Health (CDPH) and Regional Water Quality Control Board as we develop our Title 22 Report and Report of Waste Discharge for the delivery and use of recycled water.

From: [Mary Brennan](#)
To: [Suzanne Lindenfeld](#)
Subject: Security
Date: Tuesday, October 08, 2013 1:57:01 PM

Dear Chief Remson:

I thought I'd let you know how proud I am of our Security Department. We have a fine staff and I especially want to mention one, Mike Scarzella.

Last week, my good friend, Anne Bruno, was in Chicago. She lives on Celebrar and an alarm kept beeping. I was called as I have a key to Anne's house. Mike met me there and immediately handled the problem. He found a ladder in the garage and changed out the battery in that 16' ceiling, and all was well.

Anne was so happy that we have this wonderful community and we thank Mike for his prompt help and you for your leadership.

Sincerely,

Mary Brennan

Please cc to the board and thanks.

MEMORANDUM

Date: October 7, 2013
To: Board of Directors
From: Finance Committee
Subject: Presentation of the 2012-2013 Final Audit, By Larry Bain, CPA

RECOMMENDED ACTION

To receive the *draft* 2012-2013 audit reports for the Rancho Murieta Community Services District and the CFD#1. And to request the Finance Committee recommendation to present the *final* 2012-2013 audit reports to the Board of Directors for approval at the October 16, 2013 Board meeting.

BACKGROUND

Enclosed are *draft* audit reports related to the 2012-2013 fiscal year. The final audit reports will be presented and available at the October 16, 2013 Board meeting. Larry Bain will attend the meeting to present the final audit to the Board of Directors.

The Finance Committee recommends acceptance.

RANCHO MURIETA COMMUNITY SERVICES DISTRICT

FINANCIAL STATEMENTS

JUNE 30, 2013

RANCHO MURIETA COMMUNITY SERVICES DISTRICT

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Larry Bain, CPA,
An Accounting Corporation
2148 Frascati Drive
El Dorado Hills, CA 95762

INDEPENDENT AUDITOR'S REPORT

To the Board of Directors
Rancho Murieta Community Services District
Rancho Murieta, California

We have audited the accompanying financial statements of each major fund, and the fiduciary fund of the Rancho Murieta Community Services District (District) as of and for the fiscal year ended June 30, 2013, which collectively comprise the District's basic financial statements as listed in the table of contents, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with the accounting principles generally accepted in the United States of America; this includes the design, implementation and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our Responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement.

An audit includes performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the District's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the District's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall financial statement presentation.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of each major fund of the Rancho Murieta Community Services District, California, as of June 30, 2013, and the respective changes in financial position and where applicable, cash flows thereof for the fiscal year then ended in conformity with U.S. generally accepted accounting principles.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis on pages 3–8 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

The Schedules of Operating Revenues and Operating Expenses for the Water, Sewer, Drainage, Solid Waste and Security Funds, are the responsibility of management and were derived from and relate directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America and in our opinion, are fairly presented in all material respects in relation to the basic financial statements taken as a whole.

Larry Bain, CPA,
An Accounting Corporation
September 23, 2013

RANCHO MURIETA COMMUNITY SERVICES DISTRICT
Management's Discussion and Analysis
June 30, 2013

As management of the Rancho Murieta Community Services District (District), we offer readers of the District's financial statements this narrative overview and analysis of the financial activities of the District for the fiscal year ended June 30, 2013. We encourage readers to consider the information presented here in conjunction with the District's financial statements which follow this section.

Financial Highlights

- The assets of the District exceeded its liabilities at the close of the most recent fiscal year by \$29,885,604 (net position). Of this amount, \$10,127,806 (unrestricted net position) may be used to meet the District's ongoing obligation to customers and creditors.
- The District's total net position decreased by \$323,773.

Overview of the Basic Financial Statements

This annual financial report consists of four parts: Management's Discussion and Analysis, the Basic Financial Statements, Notes to Basic Financial Statements, and optional Supplementary Information.

This discussion and analysis provides an introduction and brief description of the District's basic financial statements, which include:

- Statement of Net Position
- Statement of Revenues, Expenses and Changes in Net Position
- Statement of Cash Flows

The *Statement of Net Position*, commonly referred to as the Balance Sheet, presents information on all of the District's assets and liabilities, with the difference between the two reported as net position. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of the District is improving or deteriorating. The Statement of Net Position also provides the basis for computing rate of return, evaluating the capital structure of the District and assessing the liquidity and financial flexibility of the District.

The *Statement of Revenues, Expenses and Changes in Net Position* reflects all of the current year's revenues and expenses. All of the current year's revenues and expenses are recorded using the accrual basis of accounting by recognizing revenues in the period they are earned and expenses in the period they are incurred without regard to the timing of the related cash flows. This statement measures the success of the District's operations over the past year and determines whether the District has recovered its costs through its rates, fees and other charges. The District's profitability and creditworthiness can also be determined from this statement.

The *Statement of Cash Flows* provides information about the District's cash receipts and cash payments during the reporting period as well as net changes in cash resulting from operations, non-capital financing, capital and related financing activities, and investing. The statement explains where cash came from and where cash was used and the change in the cash balance during the reporting period.

RANCHO MURIETA COMMUNITY SERVICES DISTRICT
Management's Discussion and Analysis (Continued)
June 30, 2013

The District's basic financial statements are organized by fund. **Fund Financial Statements** report on groupings of related funds that are used to maintain control over resources that have been segregated for specific activities or objectives. The accounts of the District are organized on the basis of funds, each of which is considered a separate entity. The operations of each fund are accounted for with a separate set of accounts that comprise its assets, liabilities, fund equity, revenues, and expenses. Government resources are allocated to, and accounted for, in individual funds based upon the purposes for which they are to be spent and the means by which spending activities are controlled. The various funds are grouped in these basic financial statements into two broad categories which, in aggregate, include two fund types as follows:

1. PROPRIETARY FUND TYPE

Enterprise Funds

Enterprise Funds are used to account for operations (a) that are financed and operated in a manner similar to private business enterprises where the intent of the governing body is that the costs (expenses, including depreciation) of providing goods or services to the general public on a continuing basis be financed or recovered primarily through user charges and special taxes; and (b) where the governing body has decided that periodic determination of revenues earned, expenses incurred, and/or net income is appropriate for capital maintenance, public policy, management control, accountability, or other purposes. Revenues are fully accrued to include unbilled services at fiscal year end. The District uses enterprise funds to account for the Water, Sewer, Drainage, Solid Waste and Security activities of the District.

2. FIDUCIARY FUND TYPE

Agency Funds

Agency Funds are used to account for assets held by the District in a trustee capacity or as an agent for individuals, private organizations, and other governmental, and/or other funds. Since the resources of these funds are not available to support the District's own activities, they are not reflected in the government-wide financial statements.

The basic financial statements can be found on pages 9-17 of this report.

Notes to the financial statements provide additional information that is essential to a full understanding of the data provided in the government-wide and fund financial statements. The notes to the financial statements can be found on pages 18-30 of this report.

Government-wide Financial Analysis

As noted earlier, net position may serve over time as a useful indicator of a government's financial position. In the case of the District, assets exceeded liabilities by \$29,885,604 (net position) at the close of the most recent fiscal year.

RANCHO MURIETA COMMUNITY SERVICES DISTRICT
Management's Discussion and Analysis (Continued)
June 30, 2013

Condensed Financial Information
Rancho Murieta Community Services District Net Position

	June 30, 2013	June 30, 2012
<u>Assets</u>		
Current and other assets	\$ 10,792,791	\$ 10,196,936
Capital Assets - net of accumulated depreciation	19,757,798	20,585,575
Total Assets	<u>30,550,589</u>	<u>30,782,511</u>
<u>Liabilities</u>		
Other Liabilities	558,664	470,154
Longterm liabilities	106,321	102,980
Total Liabilities	<u>664,985</u>	<u>573,134</u>
<u>Net Assets</u>		
Invested in capital assets, net of related debt	19,757,798	20,585,575
Unrestricted Net Assets	10,127,806	9,623,802
Total Net Assets	<u>\$ 29,885,604</u>	<u>\$ 30,209,377</u>

- The District's total net position decreased by \$323,773. Unrestricted net position increased \$504,004 while capital assets, net of accumulated depreciation decreased \$827,777. The decrease in capital assets is the net result of asset additions/deletions of \$287,885 and depreciation expense of \$1,115,662.
- Designated cash and investments, which are designated for capital improvement uses, increased due to the collection of reserve funds built into the Water and Sewer rates.
- Long-term liabilities increased due to an increase in the compensated absences balance, which relates to leave balances earned but not yet paid.

By far the largest portion of the District's net position (66%) reflects its investment in capital assets (e.g., land, buildings, machinery, and equipment) (Net Capital Assets \$19,757,798/Total Net Position \$29,885,604 = .661%). Some of those assets are from contributed capital. The District uses these capital assets to provide services to customers; consequently, these assets are not available for future spending.

Enterprise-type activities – Water, Sewer, Drainage, Solid Waste and Security
Rancho Murieta Community Services District's Changes in Net Position

	June 30, 2013	June 30, 2012
Revenues		
Operating revenues	\$ 5,157,564	\$ 4,659,785
Nonoperating revenues	1,140,457	1,221,310
Total Revenues	<u>6,298,021</u>	<u>5,881,095</u>
Operating Expenses		
Water	1,113,969	970,223
Sewer	880,140	749,901
Drainage	122,880	123,282
Security	887,252	882,173
Solid waste	593,003	541,572
Other	1,887,139	1,998,283
Depreciation	1,115,662	1,112,877
Total Operating Expenses	<u>6,600,045</u>	<u>6,378,311</u>
Change in Net Position	<u>(302,024)</u>	<u>(497,216)</u>
Net Position, Beginning of Fiscal Year	30,209,377	30,659,189
Prior Period Adjustment	(21,749)	47,404
Net Position, End of Fiscal Year	<u>\$ 29,885,604</u>	<u>\$ 30,209,377</u>

RANCHO MURIETA COMMUNITY SERVICES DISTRICT
Management's Discussion and Analysis (Continued)
June 30, 2013

Key elements of the enterprise activities are as follows:

- Operating revenues increased 7.1 percent. Water service charges increased by \$275,762 or 17.6 percent due to the approved rate increase and higher water consumption. Sewer service charges increased by \$97,127 due to the approved rate increase, Security operating revenues increased \$45,030 or 4.0 percent due to approved rate increases.
- Nonoperating revenues had a net decrease of \$80,853 or (6.6%) due primarily to the decrease in reserve fees collected for Sewer, the decrease in property tax revenues received and an increase related to grant revenue, which is related to the Title XVI Use of Reclaimed Water Feasibility Study.
- The Water Department collects, treats, and distributes potable drinking water to the Rancho Murieta community. Water operating expenses increased \$143,746 or 14.8%. The majority of this increase is related to Transmission and Distribution maintenance projects.
- The Sewer Department collects, treats, and disposes the Rancho Murieta community waste water. Sewer operating expenses increased \$130,239 or 17.4%. This increase is related primarily to Treatment and Disposal maintenance projects.
- The Drainage Department provides and maintains the drainage system for Rancho Murieta. Drainage operating expenses remained relatively unchanged since 2011-2012.
- Solid Waste services are provided by contract with California Waste Recovery Services. Operating expenses for Solid Waste increased \$51,431 or 9.5%. Approximately half of this increase is related to the Household Hazardous Waste Collection Event sponsored by the District in September 2012.
- The Security department provides gate and patrol services. Operating expenses for Gate services increased \$11,127 or 2.3 percent. Operating expenses for Patrol services decreased \$6,048 or (1.5%).
- The Administration department covers the remaining staff located in the District's administration building excluding the Director of Field Operations and the Security Chief. However, all general administration type costs relating to the Water, Sewer, Drainage, Solid Waste and Security departments are combined with the administration department on the Statement of Revenues, Expenses, and Changes in Net Position and are shown as General and Administrative costs. General and Administrative costs decreased \$111,144 or (5.6%). This decrease is predominately due to the reduction in Operational Reserve expenditures by the Water and Sewer departments.

RANCHO MURIETA COMMUNITY SERVICES DISTRICT
Management's Discussion and Analysis (Continued)
June 30, 2013

Capital Assets

	July 1, 2012	Additions	Adjustments /Deletions	June 30, 2013
Depreciable Capital Assets				
Water Transmission	\$ 7,311,340	\$ -	\$ -	\$ 7,311,340
Water Treatment	9,579,722	7,793	-	9,587,515
Studies	673,375	14,155	-	687,530
Collection Facilities	4,163,987	72,300	-	4,236,287
Sewer treatment and disposal	15,987,650	52,679	-	16,040,329
Lake Chesbro Protection	270,020	-	-	270,020
Waste Discharge	549,152	-	-	549,152
Buildings and improvements	817,907	-	-	817,907
Vehicles & Equipment	1,598,437	114,088	-	1,712,525
Total Depreciable Capital Assets	40,951,590	261,015	-	41,212,605
Less - Accumulated Depreciation	(21,209,963)	(1,115,662)	3,600	(22,322,025)
Net Depreciable Capital Assets	19,741,627	(854,647)	3,600	18,890,580
Non-Depreciable Capital Assets				
Construction in Progress	252,258	42,332	(19,062)	275,528
Land	591,690	-	-	591,690
Total Non-Depreciable Capital Assets	843,948	42,332	(19,062)	867,218
Net Capital Assets	\$ 20,585,575	\$ (812,315)	\$ (15,462)	\$ 19,757,798

Capital Assets. The District's investment in capital assets as of June 30, 2013, amounts to \$19,757,798 (net of accumulated depreciation). This investment in capital assets includes land, buildings, improvements, vehicles, and equipment. The total decrease in the District's investment in capital assets for the current fiscal year was 4.0 percent.

Major capital asset events during the current fiscal year included the following:

- Main Lift North Wet Well Rehab
- Augmentation Well Project
- Purchase of Mechanic's Replacement Truck
- Lift 6B Replacement Generator

RANCHO MURIETA COMMUNITY SERVICES DISTRICT
Management's Discussion and Analysis (Continued)
June 30, 2013

Economic Factors and Next Year's Budget and Rates

The Board of Directors adopted the District's 2013/2014 annual budget on June 19, 2013 which provides for the District's operating and capital costs for the 2013/2014 fiscal year. The beginning of recovery in the housing market has slowed the reductions in property taxes associated with Prop 8 revaluations of assessed property values. In 2013/2014, the District expects to receive an increase of approximately 2% in property taxes related to Sacramento County's adjustment of property values.

The District expects to reach agreement on a Financing and Services Agreement with area developers in 2013. It is anticipated that some of those developers will begin new development within Rancho Murieta sometime in 2015.

Capital projects that are included in this annual budget are:

- 1) Continuation of the Main Lift North Wet Well Rehabilitation
- 2) Hole 13 North Culvert Replacement
- 3) Wastewater Recovery Plant Filter PLC Replacement
- 4) Electronic Document Management System; and
- 5) Email Exchange Server for in-house email provision and support.

The District's rates for water, sewer, drainage, security and solid waste services are reviewed annually by staff and the Board of Directors. The District increased rates approximately 4.9% for Water services. All of this increase is related to the debt service prefunding for the rehabilitation of Water Treatment 1. The rates for Sewer service increased 7.3%, which is related to the prefunding of debt service for the construction of the permanent irrigation fields at Van Vleck Ranch being reinstated for 2013/2014. Rates for Security services increased approximately 1.5%, 2.0% for Drainage, and 1.5% for Solid Waste.

Requests for Information

This financial report is designed to provide a general overview of the Rancho Murieta Community Services District's finances for all those with an interest in the government's finances. Questions concerning any of the information provided in this report or requests for additional financial information should be addressed to the Rancho Murieta Community Services District, Director of Administration, P.O. Box 1050, Rancho Murieta, CA, 95683.

RANCHO MURIETA COMMUNITY SERVICES DISTRICT

Statement of Net Position - Proprietary Funds

June 30, 2013

(With Comparative Totals for June 30, 2012)

	Major Enterprise Funds		
	Water Fund	Sewer Fund	Drainage Fund
<u>Assets</u>			
Current Assets:			
Cash and investments	\$ 262,142	\$ 265,458	\$ 81,347
Accounts receivable	284,361	220,550	32,010
Grants receivable	52,085		
Interest receivable	55	47	238
Prepaid Expenses	45,185	9,465	1,873
Due from developers	136,954	7,393	
Total Current Assets	<u>780,782</u>	<u>502,913</u>	<u>115,468</u>
Capital Assets - net of accumulated depreciation	<u>8,224,348</u>	<u>11,223,502</u>	
Other Assets:			
Cash and investments -designated	5,071,577	3,064,594	355,324
Interest receivable - designated	2,035	690	
Total Other Assets	<u>5,073,612</u>	<u>3,065,284</u>	<u>355,324</u>
Total Assets	<u>14,078,742</u>	<u>14,791,699</u>	<u>470,792</u>
<u>Liabilities</u>			
Current Liabilities:			
Accounts payable	166,893	107,248	5,148
Accrued payroll	26,086	19,672	3,700
Post retirement medical liability	15,175	10,321	1,901
Deposits	34,354	88	18
Deferred revenue	7,196	5,494	1,128
Capital lease			
Total Current Liabilities	<u>249,704</u>	<u>142,823</u>	<u>11,895</u>
Noncurrent Liabilities:			
Capital lease			
Compensated absences	<u>28,504</u>	<u>21,106</u>	<u>4,038</u>
Total Liabilities	<u>278,208</u>	<u>163,929</u>	<u>15,933</u>
<u>Net Position</u>			
Invested in capital assets, net of related debt	8,224,348	11,223,502	
Net Assets:			
Unrestricted	<u>5,576,186</u>	<u>3,404,268</u>	<u>454,859</u>
Total Net Position	<u>\$ 13,800,534</u>	<u>\$ 14,627,770</u>	<u>\$ 454,859</u>

The accompanying notes are an integral part of these basic financial statements.

		Totals	
Solid Waste Fund	Security Fund	2013	2012
\$ 206,764	\$ 353,161	\$ 1,168,872	\$ 884,849
66,004	210,971	813,896	775,458
		52,085	
92	150	582	691
1,144	11,594	69,261	34,503
		144,347	155,939
<u>274,004</u>	<u>575,876</u>	<u>2,249,043</u>	<u>1,851,440</u>
	<u>309,948</u>	<u>19,757,798</u>	<u>20,585,575</u>
	49,498	8,540,993	8,341,644
	30	2,755	3,852
	<u>49,528</u>	<u>8,543,748</u>	<u>8,345,496</u>
<u>274,004</u>	<u>935,352</u>	<u>30,550,589</u>	<u>30,782,511</u>
98,270	11,855	389,414	280,770
1,218	20,996	71,672	74,603
464	14,452	42,313	54,472
15	59	34,534	41,584
925	3,755	18,498	16,442
	2,233	2,233	2,283
<u>100,892</u>	<u>53,350</u>	<u>558,664</u>	<u>470,154</u>
	5,065	5,065	7,298
1,620	45,988	101,256	95,682
<u>102,512</u>	<u>104,403</u>	<u>664,985</u>	<u>573,134</u>
	309,948	19,757,798	20,585,575
<u>171,492</u>	<u>521,001</u>	<u>10,127,806</u>	<u>9,623,802</u>
<u>\$ 171,492</u>	<u>\$ 830,949</u>	<u>\$ 29,885,604</u>	<u>\$ 30,209,377</u>

RANCHO MURIETA COMMUNITY SERVICES DISTRICT
Statement of Revenues, Expenses, and Changes in Net Position
Proprietary Funds
For the Fiscal Year Ended June 30, 2013
(With Comparative Totals for the Fiscal Year Ended June 30, 2012)

	Major Enterprise Funds		
	Water Fund	Sewer Fund	Drainage Fund
Operating Revenues:			
Service charges	\$ 1,840,546	\$ 1,244,091	\$ -
Special taxes			176,410
Other charges	28,607	23,921	729
Total Operating Revenues	<u>1,869,153</u>	<u>1,268,012</u>	<u>177,139</u>
Operating Expenses:			
Source of supply	143,990		
Treatment	454,874		
Transmission and distribution	515,105		
Sewer collection		222,430	
Sewer treatment and disposal		657,710	
Drainage			122,880
Gate services			
Patrol services			
Solid waste			
General and administrative	892,662	507,136	66,950
Depreciation	482,246	595,854	
Total Operating Expenses	<u>2,488,877</u>	<u>1,983,130</u>	<u>189,830</u>
Operating Income (Loss)	<u>(619,724)</u>	<u>(715,118)</u>	<u>(12,691)</u>
Non-operating Revenues (Expenses):			
Taxes	191,141	145,935	29,973
Capital reserve fees	182,932	272,098	
Debt reserve fee	78,544		
Interest revenue	14,712	7,728	1,420
Rent			
Water augmentation	4,521		
Gain (Loss) on disposal of capital assets	1,787	1,787	
Refunds and reimbursements	5,006	3,822	785
Interest expense			
Grant revenue	52,085		
Miscellaneous	13,203	3,564	(149)
Total Non-operating Revenues (Expenses)	<u>543,931</u>	<u>434,934</u>	<u>32,029</u>
Change in Net Position	(75,793)	(280,184)	19,338
Net Position, Beginning of Fiscal Year	13,890,764	14,915,266	435,521
Prior Period Adjustments	<u>(14,437)</u>	<u>(7,312)</u>	
Net Position, End of Fiscal Year	<u>\$ 13,800,534</u>	<u>\$ 14,627,770</u>	<u>\$ 454,859</u>

The accompanying notes are an integral part of these basic financial statements.

		Totals	
Solid Waste Fund	Security Fund	2013	2012
\$ 616,974	\$ -	\$ 3,701,611	\$ 3,280,557
	1,167,575	1,343,985	1,285,507
	58,711	111,968	93,721
<u>616,974</u>	<u>1,226,286</u>	<u>5,157,564</u>	<u>4,659,785</u>
		143,990	137,011
		454,874	451,725
		515,105	381,487
		222,430	165,590
		657,710	584,311
		122,880	123,282
	485,705	485,705	474,578
	401,547	401,547	407,595
593,003		593,003	541,572
56,197	364,194	1,887,139	1,998,283
	37,562	1,115,662	1,112,877
<u>649,200</u>	<u>1,289,008</u>	<u>6,600,045</u>	<u>6,378,311</u>
<u>(32,226)</u>	<u>(62,722)</u>	<u>(1,442,481)</u>	<u>(1,718,526)</u>
24,568	100,043	491,660	498,941
		455,030	488,096
		78,544	179,831
623	1,608	26,091	25,454
		4,521	
		3,574	4,625
	2,612	12,225	
	(534)	(534)	
		52,085	
643		17,261	24,363
<u>25,834</u>	<u>103,729</u>	<u>1,140,457</u>	<u>1,221,310</u>
(6,392)	41,007	(302,024)	(497,216)
177,884	789,942	30,209,377	30,659,189
		(21,749)	\$ 47,404
<u>\$ 171,492</u>	<u>\$ 830,949</u>	<u>\$ 29,885,604</u>	<u>\$ 30,209,377</u>

RANCHO MURIETA COMMUNITY SERVICES DISTRICT

Statement of Cash Flows

Proprietary Funds

For the Fiscal Year Ended June 30, 2013

(With Comparative Totals for the Fiscal Year Ended June 30, 2012)

	Major Enterprise Funds		
	Water Fund	Sewer Fund	Drainage Fund
Cash Flows from Operating Activities:			
Receipts from customers	\$ 1,848,214	\$ 1,267,195	\$ 175,427
Payments to employees	(914,733)	(665,658)	(117,787)
Payments to suppliers	(1,036,062)	(709,883)	(74,861)
	(102,581)	(108,346)	(17,221)
Net Cash Provided By (Used In) Operating Activities			
Cash Flows from Non-capital Financing Activities:			
Taxes received	191,141	145,935	29,973
Grants			
Debt reserve fee	78,544	-	
Miscellaneous	22,730	7,386	636
	292,415	153,321	30,609
Net Cash Provided By (Used In) Non-capital Financing Activities			
Cash Flows from Capital and Related Financing Activities:			
Purchase of capital assets	(144,728)	(143,157)	
Cash received from sale of assets	1,787	1,787	
Proceeds of debt			
Reduction of debt			
Capital reserve fees	182,932	272,098	
	39,991	130,728	
Net Cash Provided By (Used In) Capital and Related Financing Activities			
Cash Flows from Investing Activities:			
Interest received	15,548	7,853	1,506
	15,548	7,853	1,506
Net Cash Provided by Investing Activities			
Net Increase (Decrease) in Cash and Cash Equivalents	245,373	183,556	14,894
Cash and Cash Equivalents, July 1	5,088,346	3,146,496	421,777
Cash and Cash Equivalents, June 30	\$ 5,333,719	\$ 3,330,052	\$ 436,671
Reconciliation of Cash and Cash Equivalents to the Statement of Net Assets:			
Cash and investments	\$ 262,142	\$ 265,458	\$ 81,347
Restricted cash and investments	5,071,577	3,064,594	355,324
Total Cash and Cash Equivalents	\$ 5,333,719	\$ 3,330,052	\$ 436,671

The accompanying notes are an integral part of these basic financial statements.

		Totals	
Solid Waste Fund	Security Fund	2013	2012
\$ 614,579	\$ 1,220,309	\$ 5,125,724	\$ 4,598,267
(38,875)	(1,083,322)	(2,820,375)	(2,670,464)
(605,817)	(194,764)	(2,621,387)	(2,484,057)
(30,113)	(57,777)	(316,038)	(556,254)
24,568	100,043	491,660	498,941
		-	-
		78,544	179,831
643	2,612	34,007	24,363
25,211	102,655	604,211	703,135
		(287,885)	(196,881)
		3,574	13,600
		-	10,000
	(2,817)	(2,817)	(419)
		455,030	488,096
	(2,817)	167,902	314,396
665	1,726	27,298	26,207
665	1,726	27,298	26,207
(4,237)	43,787	483,373	487,484
211,001	358,872	9,226,492	8,739,008
<u>\$ 206,764</u>	<u>\$ 402,659</u>	<u>\$ 9,709,865</u>	<u>\$ 9,226,492</u>
\$ 206,764	\$ 353,161	\$ 1,168,872	\$ 884,848
	49,498	8,540,993	8,341,644
<u>\$ 206,764</u>	<u>\$ 402,659</u>	<u>\$ 9,709,865</u>	<u>\$ 9,226,492</u>

RANCHO MURIETA COMMUNITY SERVICES DISTRICT

**Statement of Cash Flows
Proprietary Funds (Continued)
For the Fiscal Year Ended June 30, 2013
(With Comparative Totals for the Fiscal Year Ended June 30, 2012)**

	Major Enterprise Funds		
	Water Fund	Sewer Fund	Drainage Fund
Reconciliation of Operating Loss to Net Cash Provided (Used) by Operating Activities			
Operating loss	\$ (619,724)	\$ (715,118)	\$ (12,691)
Noncash items included in operating loss			
Depreciation	482,246	595,854	
Changes in assets and liabilities			
Decrease (increase) in operating assets			
Accounts receivable	(26,311)	(1,414)	(1,834)
Prepaid expenses	(12,241)	(8,830)	(1,743)
Due from others	11,592	-	
Increase (decrease) in operating liabilities			
Accounts payable	64,023	22,957	1,501
Accrued payroll	6,555	(666)	(2,295)
Post retirement medical liability	(3,883)	(2,814)	(521)
Customer deposits	(7,020)	(14)	(3)
Compensated absences	1,382	1,088	240
Deferred revenue	800	611	125
	<u>\$ (102,581)</u>	<u>\$ (108,346)</u>	<u>\$ (17,221)</u>

The accompanying notes are an integral part of these basic financial statements.

Solid Waste Fund	Security Fund	Totals	
		2013	2012
\$ (32,226)	\$ (62,722)	\$ (1,442,481)	\$ (1,718,526)
	37,562	1,115,662	1,112,877
(2,496)	(6,383)	(38,438)	(183,679)
(1,037)	(10,907)	(34,758)	74,635
		11,592	126,177
5,239	(6,825)	86,895	(3,641)
171	(6,696)	(2,931)	13,983
(148)	(4,793)	(12,159)	19,476
(2)	(11)	(7,050)	(5,951)
283	2,581	5,574	6,460
103	417	2,056	1,935
<u>\$ (30,113)</u>	<u>\$ (57,777)</u>	<u>\$ (316,038)</u>	<u>\$ (556,254)</u>

RANCHO MURIETA COMMUNITY SERVICES DISTRICT

Statement of Fiduciary Net Position

June 30, 2013

	PARS	
	<u>Trust Fund</u>	<u>Agency Fund</u>
<u>Assets</u>		
Cash and investments	\$ 491,539	\$ 2,637,021
Assessments receivable		5,564
	<u>\$ 491,539</u>	<u>\$ 2,642,585</u>
Total Assets		
	<u>\$ 491,539</u>	<u>\$ 2,642,585</u>
<u>Liabilities</u>		
Due to others	\$ -	\$ 2,642,585
		<u>2,642,585</u>
Total Liabilities		
		<u>2,642,585</u>
<u>Net Position</u>		
Held in trust for OPEB benefits	<u>491,539</u>	
		<u>491,539</u>
Total Liabilities and Net Position	<u>\$ 491,539</u>	<u>\$ 2,642,585</u>

Changes in Fiduciary Net Position-PARS Retirement Fund

Additions:	
Employer contributions	<u>\$ 153,000</u>
Total contributions	<u>153,000</u>
Investment income (loss):	
Net adjustment to fair value of investments	<u>32,972</u>
Total Additions (Deductions)	<u>32,972</u>
Change in plan net assets	<u>185,972</u>
Net Position:	
Held in trust for OPEB benefits:	
Beginning of year	<u>305,567</u>
End of year	<u>\$ 491,539</u>

The accompanying notes are an integral part of these basic financial statements.

RANCHO MURIETA COMMUNITY SERVICES DISTRICT
Notes to Basic Financial Statements
June 30, 2013

Note 1: Significant Accounting Policies

The Rancho Murieta Community Services District (District) was formed in 1982, under California State Government Code 61600 and currently provides water, sewer, drainage, solid waste and security service throughout the Rancho Murieta Community. The District's financial and administrative functions are governed by a five member Board of Directors elected by the voting population within the District.

The accounting policies of the Rancho Murieta Community Services District conform to accounting principles generally accepted in the United States of America as prescribed by the Governmental Accounting Standards Board (GASB) and the American Institute of Certified Public Accountants (AICPA).

A. Reporting Entity

The District's basic financial statements include the operations of all organizations for which the District's Board of Directors exercises oversight responsibility. Oversight responsibility is demonstrated by financial interdependency, selection of governing authority, designation of management, ability to significantly influence operations, and accountability for fiscal matters.

Based upon the aforementioned oversight criteria, the following entities have been included within the reporting entity as blended component units:

Special Assessment District – The special assessment district is the Community Facilities District No. 1. This Special Assessment District was created for the purpose of acquiring, constructing and maintaining water and sewer facilities within the Rancho Murieta boundaries. The District is not obligated to repay debt of the Special Assessment District but functions as an agent for the property owners by collecting assessments, forwarding collections to special assessment debt holders, and, if appropriate, begin foreclosures on delinquent property owners. Because of the special financing relationships, the Community Facilities District No. 1 has been included in the financial statements as a fiduciary fund type.

B. Basis of Presentation

The District's basic financial statements are prepared in conformity with accounting principles generally accepted in the United States of America. The Governmental Accounting Standards Board is the acknowledged standard setting body for establishing accounting and financial reporting standards followed by governmental entities in the United States of America.

Fund Financial Statements

The proprietary fund financial statements provide information about the District's funds. Separate statements for each fund category - *proprietary and fiduciary* - are presented. The emphasis of fund financial statements is on major individual funds, each of which is displayed in a separate column. All remaining funds are aggregated and reported as nonmajor funds.

Proprietary fund financial statements include a Statement of Net Position, a Statement of Revenues, Expenses, and Changes in Net Position, and a Statement of Cash Flows.

Proprietary funds are accounted for using the "*economic resources*" measurement focus and the accrual basis of accounting. Accordingly, all assets and liabilities (whether current or noncurrent) are included on the Statement of Net Position. The Statement of Revenues, Expenses, and Changes in Net Position presents increases (revenues) and decreases (expenses) in total Net Position. Under the accrual basis of accounting, revenues are recognized in the period in which they are earned while expenses are recognized in the period in which the liability is incurred.

RANCHO MURIETA COMMUNITY SERVICES DISTRICT
Notes to Basic Financial Statements
June 30, 2013

Note 1: Significant Accounting Policies (Continued)

B. Basis of Presentation (Continued)

Operating revenues in the proprietary funds are those revenues that are generated from the primary operation of the fund. All other revenues are reported as nonoperating revenues. Operating expenses are those expenses that are essential to the primary operations of the fund. All other expenses are reported as nonoperating expenses.

Fiduciary funds are used to account for assets held by the District in a trustee capacity or as an agent for individuals, private organizations, other governmental units, and/or other funds. Fiduciary funds use the "economic resources" measurement focus and the accrual basis of accounting.

C. Major Funds

GASB Statement No. 34 defines major funds and requires that the District's major proprietary funds are identified and presented separately in the fund financial statements. All other funds, called nonmajor funds, are combined and reported in a single column, regardless of their fund-type.

Major funds are defined as funds that have assets, liabilities, revenues, or expenditures/expenses equal to or greater than ten percent of their fund-type total or five percent of all fund-type totals. The District may also select other funds it believes should be presented as major funds. The District reports all of its proprietary funds as major funds.

The District reported the following major proprietary funds:

Water

This fund accounts for the activities of providing water to the residents of the District.

Sewer

This fund accounts for the activities of collecting and treating wastewater of the residents in the District.

Drainage

This fund accounts for the activities of providing drainage to the residents of the District.

Solid Waste

This fund accounts for the activities of collecting solid waste of the residents of the District.

Security

This fund accounts for the activities of providing security to the residents of the District.

The District reports the following additional fund types:

PARS Trust Fund

Accounts for activities associated with the District's other post employment benefits (OPEB) trust fund used for administration of health insurance for retirees.

Agency Fund

The Agency fund accounts for assets held by the District as an agent for other entities.

RANCHO MURIETA COMMUNITY SERVICES DISTRICT
Notes to Basic Financial Statements
June 30, 2013

Note 1: Significant Accounting Policies (Continued)

D. Basis of Accounting

Private-sector standards of accounting and financial reporting issued prior to December 1, 1989, generally are followed in both government-wide financial statements and proprietary funds financial statements to the extent that those standards do not conflict with or contradict guidance of the Governmental Accounting Standards Board. Governments also have the *option* of following subsequent private-sector guidance for their business-type activities and proprietary funds, subject to this same limitation. The government has elected not to follow subsequent private-sector guidance.

E. Budget and Budgeting

Budget integration is employed as a management control device. Budgets are formally adopted by the Board of Directors and take effect the following July 1. The budgets are a management tool and not a legal requirement.

F. Restricted Assets

Restricted assets are financial resources generated for a specific purpose such as construction of improvements and financing of debt obligations. These assets are for the benefit of a distinct group and as such are legally or contractually restricted from an external source.

G. Comparative Data

Comparative total data for the prior fiscal year has been presented in the accompanying basic financial statements in order to provide an understanding of changes in the District's financial position, operations, and cash flows. Certain amounts presented in the prior fiscal year data may have been reclassified in order to be consistent with the current fiscal year.

H. Cash and Cash Equivalents

For purposes of the statement of cash flows, the District considers all highly liquid investments (including restricted assets) with a maturity of three months or less when purchased to be cash equivalents. Amounts held in the State of California Local Agency Investment Fund (LAIF) are considered to be cash and cash equivalents due to their highly liquid nature.

I. Property Taxes

Secured property taxes are levied on January 1 and are payable in two installments on November 1 and February 1, which become delinquent after December 10 and April 10, respectively. Unsecured property taxes are payable in one installment on or before August 31. Sacramento County (County) bills and collects the property taxes and allocates a portion to the District. Property tax revenues are recognized in the fiscal year for which they become available. Available means when due, or past due and receivable within the current period and collected within the current period or expected to be collected soon enough thereafter to be used to pay liabilities of the current period.

The District is under the Teeter Plan and thus can receive 100% of the property tax apportionment each fiscal year, eliminating the need for an allowance for uncollectible tax. The County, in return, receives all penalties and interest. Under the Teeter Plan, the County remits property taxes to the District based on assessments, not on collections, according to the following schedule: 55 percent in December, 40 percent in April, and 5 percent at the end of the fiscal year.

RANCHO MURIETA COMMUNITY SERVICES DISTRICT
Notes to Basic Financial Statements
June 30, 2013

Note 1: Significant Accounting Policies (Continued)

J. Capital Assets

All capital assets are valued at historical cost or estimated historical cost if actual historical cost is not available. Contributed capital assets are recorded at fair value at the date of donation. The District's policy is to capitalize all capital assets with costs exceeding \$5,000.

The purpose of depreciation is to spread the cost of capital assets equitably among all users over the life of these assets. The amount charged to depreciation expense each fiscal year represents that year's pro rata share of the cost of capital assets. GASB Statement No. 34 requires that all capital assets with limited useful lives be depreciated over their estimated useful lives. Depreciation is provided using the straight line method which means the costs of the capital asset is divided by its expected useful life in years and the result is charged to expense each year until the capital asset is fully depreciated. The District has assigned the useful lives listed below to capital assets:

Buildings	40 years
Improvements	20-50 years
Equipment	5-15 years

K. Compensated Absences

All earned vacation, which is payable upon termination or retirement, is accrued as compensated absences, in accordance with GASB Statement No. 16. Sick leave benefits are not vested to the employee.

L. Net Position

GASB Statement No. 34 requires that the difference between assets and liabilities be reported as net position. Net position are classified as either invested in capital assets, net of related debt, restricted, or unrestricted.

Net position that are invested in capital assets, net of related debt, consist of capital assets, net of accumulated depreciation, and reduced by the outstanding principal of related debt. Restricted net position is the net position that has external constraints placed on them by creditors, grantors, contributors, laws, or regulations of other governments, or through constitutional provisions or enabling legislation. Unrestricted net position consists of net position that does not meet the definition of invested in capital assets, net of related debt, or restricted net position.

M. Deferred Compensation Plan

The District offers its employees a deferred compensation plan created in accordance with Internal Revenue Code Section 457. The plan, available to all employees, permits participants to defer a portion of their salary until future years. The deferred compensation is not available to participants until termination, retirement, death, or unforeseeable emergency. All amounts of compensation deferred under the plan, all property and rights purchased with those amounts, and all income attributed to those amounts, are maintained in a trust. Participants have sole rights under the plan in an amount equal to the fair value of the deferred account for each participant.

N. Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America as prescribed by the GASB and the American Institute of Certified Public Accountants (AICPA), requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

RANCHO MURIETA COMMUNITY SERVICES DISTRICT
Notes to Basic Financial Statements
June 30, 2013

Note 2: Cash and Investments

Classification

The cash and investments are classified in the financial statements as shown below, based on whether or not their use is restricted under the terms of District debt instruments or District agreements:

Cash and investments	\$ 1,168,872
Designated cash and investments	<u>8,540,993</u>
Cash and investments, Statement of Net Assets	9,709,865
Cash and investments, Statement of Fiduciary Net Assets	<u>3,128,560</u>
Total cash and investments	<u><u>\$ 12,838,425</u></u>

Cash and investments as of June 30, 2013 consist of the following:

Cash on hand	\$ 250
Deposits with financial institutions	2,188,337
Investments	<u>10,649,838</u>
Total cash and investments	<u><u>\$ 12,838,425</u></u>

A. Investments Authorized by the California Government Code and the District's Investment Policy

The table below identifies the **investment types** that are authorized for the Rancho Murieta Community Services District (District) by the California Government Code (or the District's investment policy, where more restrictive). The table also identifies certain provisions of the California Government Code (or the District's investment policy, where more restrictive) that address **interest rate risk**, **credit risk**, and **concentration of credit risk**. This table does not address investments of debt proceeds held by bond trustee that are governed by the provisions of debt agreements of the District, rather than the general provisions of the California government Code or the District's investment policy

<u>Authorized Investment Type</u>	<u>Maximum Maturity</u>	<u>Percentage of Portfolio</u>	<u>Investment in One Issuer</u>
Investment pools authorized under CA			
Statutes governed by Government Code	N/A	None	\$40 million
U.S. Treasury Obligations	5 years	None	None
Bank Savings Account	N/A	25%	None
Federal Agencies	5 years	75%	None
Commercial Paper	180 days	20%	None
Negotiable Certificates of Deposit	180 days	20%	None
Re-purchase Agreements	180 days	20%	None
Corporate Debt	5 years	25%	None

RANCHO MURIETA COMMUNITY SERVICES DISTRICT
Notes to Basic Financial Statements
June 30, 2013

Note 2: Cash and Investments (Continued)

B. Investments Authorized by Debt Agreements (Continued)

Investments held by trustees are governed by provisions of the debt agreements, rather than the general provisions of the California Government Code or the District's investment policy. The table below identifies the **investment types** that are authorized for investments held by trustees. The table also identifies certain provisions of these debt agreements that address **interest rate risk**, **credit risk**, and **concentration of credit risk**.

<u>Authorized Investment Type</u>	<u>Maximum Maturity</u>	<u>Maximum Percentage of Portfolio</u>	<u>Maximum Investment in One Issuer</u>
Investment pools authorized under CA Statutes governed by Government Code	N/A	None	\$40 million
U.S. Treasury Obligations	5 years	None	None
Bank Savings Account	N/A	25%	None
Federal Agencies	5 years	75%	None
Commercial Paper	180 days	20%	None
Negotiable Certificates of Deposit	180 days	20%	None
Re-purchase Agreements	180 days	20%	None
Corporate Debt	5 years	25%	None
Money Market Accounts	N/A	None	None

C. Disclosures Relating to Interest Rate Risk

Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. Generally, the longer the maturity of an investment, the greater the sensitivity of its fair value to changes in market interest rates

Information about the sensitivity of the fair values of the District's investments to market interest rate fluctuations is provided by the following table that shows the distribution of the District's investments by maturity:

<u>Investment Type</u>	<u>Totals</u>	<u>Remaining Maturity (in Months)</u>			
		<u>12 Months or Less</u>	<u>13-24 Months</u>	<u>25-36 Months</u>	<u>37-48 Months</u>
CAMP*	\$ 3,603,142	\$ 3,603,142	\$ -	\$ -	\$ -
State Investment Pool*	5,679,157	5,679,157			
PARS Trust*	491,539	491,539			
Money Market*	876,000	876,000			
Totals	<u>\$ 10,649,838</u>	<u>\$ 10,649,838</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

*Not subject to categorization

RANCHO MURIETA COMMUNITY SERVICES DISTRICT
Notes to Basic Financial Statements
June 30, 2013

Note 2: Cash and Investments (Continued)

D. Disclosures Relating to Credit Risk

Generally, credit risk is the risk that an issuer of an investment will not fulfil its obligation to the holder of the investment. This is measured by the assignment of a rating by a nationally recognized statistical rating organization. Presented below is the minimum rating required by (where applicable) the California Government Code, the District's investment policy, or debt agreements, and the actual rating as of fiscal year end for each investment type.

Investment Type	Amount	Minimum Legal Rating	Exempt From Disclosure	Rating as of Fiscal Year End			
				AAA	AA	A	Not Rated
CAMP Investment Pool	\$ 3,603,142	N/A	\$ -	\$ -	\$ -	\$ -	\$ 3,603,142
State Investment Pool	5,679,157	N/A	-	-	-	-	5,679,157
Pars Trust	491,539	N/A	-	-	-	-	491,539
Money Market	876,000	N/A	-	-	-	-	876,000
Total investments	<u>\$10,649,838</u>		<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 10,649,838</u>

E.

Concentration of Credit Risk

The investment policy of the District contains limitations on the amount that can be invested in any one issuer. There are no investments in any one issuer that represent 5% or more of **total District investments**.

F. Custodial Credit Risk

Custodial credit risk for *deposits* is the risk that, in the event of the failure of a depository financial institution, a government will not be able to recover its deposits or will not be able to recover collateral securities that are in the possession of an outside party. The custodial credit risk for *investments* is the risk that, in the event of the failure of the counterparty (e.g. broker-dealer) to a transaction, a government will not be able to recover the value of its investment or collateral securities that are in the possession of another party. The California Government Code and the District's investment policy do not contain legal or policy requirements that would limit the exposure to custodial credit risk for deposits or investments, other than the following provision for deposits; The California Government Code requires that a financial institution secure deposits made by state or local governmental units by pledging securities in an undivided collateral pool held by a depository regulated under state law (unless so waived by the government unit). The fair value of the pledged securities in the collateral pool must equal at least 110% of the total amount deposited by the public agencies. California law also allows financial institutions to secure the District's deposits by pledging first trust deed mortgage notes having a value of 150% of the secured public deposits.

As of June 30, 2013, \$1,832,281 of the District's deposits with financial institutions in excess of federal depository insurance limits was held in public funds collateralized accounts. As of June 30, 2013, the District did not hold investments in investments held by the same broker-dealer (counterparty) that was used by the District to buy the securities:

G. Investment in State Investment Pool

The District is a voluntary participant in the Local Agency Investment Fund (LAIF) that is regulated by the California Government Code under the oversight of the Treasurer of the State of California. The fair value of the District's investment in this pool is reported in the accompanying financial statements at amounts based upon the District's pro-rata share of the fair value provided by LAIF for the entire LAIF portfolio (in relation to the amortized cost of that portfolio). The balance available for withdrawal is based on the accounting records maintained by LAIF, which are recorded on an amortized cost basis.

RANCHO MURIETA COMMUNITY SERVICES DISTRICT
Notes to Basic Financial Statements
June 30, 2013

Note 3: Capital Assets

Capital Assets at June 30, 2013, consist of the following:

	Balance July 1, 2012	Additions	Adjustments/ Deletions	Balance June 30, 2013
Water				
Depreciable assets:				
Water Transmission	\$ 7,311,340	\$ -	\$ -	\$ 7,311,340
Water Treatment	9,579,722	7,793		9,587,515
Studies	673,375	14,155	-	687,530
Vehicles and equipment	530,412	97,710		628,122
Subtotal	18,094,849	119,658	-	18,214,507
Less: Accumulated Depreciation	(9,565,685)	(482,246)	1,800	(10,046,131)
Net Capital Assets	8,529,164	(362,588)	1,800	8,168,376
Non-depreciable assets:				
Construction in progress	19,062	42,332	(19,062)	42,332
Land	13,640	-	-	13,640
Subtotal	32,702	42,332	(19,062)	55,972
Net Capital Assets	\$ 8,561,866	\$ (320,256)	\$ (17,262)	\$ 8,224,348
Sewer				
Depreciable assets:				
Collection Facilities	\$ 4,163,987	\$ 72,300	\$ -	\$ 4,236,287
Pumping facility	42,763			42,763
Treatment Plant/Facilities	15,944,887	52,679		15,997,566
Vehicles and equipment	655,842	16,378		672,220
Lake Chesbro Protection	270,020			270,020
Waste Discharge	549,152			549,152
Telemetry Building	512,452			512,452
Subtotal	22,139,103	141,357	-	22,280,460
Less: Accumulated Depreciation	(11,249,574)	(595,854)	1,800	(11,843,628)
Net Capital Assets	10,889,529	(454,497)	1,800	10,436,832
Non-depreciable assets:				
Construction in progress	208,620	-		208,620
Land	578,050	-	-	578,050
Subtotal	786,670	-	-	786,670
Net Capital Assets	\$11,676,199	\$ (454,497)	\$ 1,800	\$ 11,223,502
Security				
Depreciable assets:				
Vehicle and equipment	\$ 412,183	\$ -	\$ -	\$ 412,183
Buildings and improvements	305,455			305,455
Subtotal	717,638	-	-	717,638
Less: Accumulated Depreciation	(394,704)	(37,562)		(432,266)
Net Capital Assets	322,934	(37,562)	-	285,372
Non-depreciable assets:				
Construction in progress	24,576			24,576
Subtotal	24,576	-		24,576
Net Capital Assets	\$ 347,510	\$ (37,562)	\$ -	\$ 309,948

RANCHO MURIETA COMMUNITY SERVICES DISTRICT
Notes to Basic Financial Statements
June 30, 2013

Note 4: Long-Term Liabilities

Long-term liabilities activity for the fiscal year ended June 30, 2013, was as follows:

	<u>Balance</u> <u>July 1, 2012</u>	<u>Additions</u>	<u>Retirements</u>	<u>Balance</u> <u>June 30, 2013</u>
Compensated absences	\$ 95,682	\$ 111,469	\$ 105,895	\$ 101,256
Total	<u>\$ 95,682</u>	<u>\$ 111,469</u>	<u>\$ 105,895</u>	<u>\$ 101,256</u>

Note 5: Net Position

Net Position is the excess of all the District's assets over all its liabilities, regardless of fund. Net position is divided into three captions under GASB Statement No. 34. These captions apply only to net position, which is determined at the proprietary funds, and fiduciary funds and are described below.

Invested in Capital Assets, Net of Related Debt

Invested in capital assets, net of related debt describes the portion of net position which is represented by the current net book value of the District's capital assets, less the outstanding balance of any debt issued to finance these assets.

Restricted Net Position

Restricted net position consists of constraints placed on net position use through external creditors (such as through debt covenants), grants, contributors, or laws or regulations of other governments or constraints imposed by law through constitutional provisions or enabling legislation which the District cannot unilaterally alter. These principally include connection fees received for use on capital projects and debt service requirements.

Unrestricted Net Position

Unrestricted net position describes the portion of net position which is not restricted as to use.

Note 6: Defined Benefit Pension Plan

A. Plan Description

The District's defined benefit pension plan with the California Public Employees' Retirement System (CalPERS) provides retirement and disability benefits, annual cost of living adjustments, and death benefits to plan members and beneficiaries. This CalPERS is part of the Public Agency portion of the CalPERS, an agent multiple-employer plan administered by CalPERS, which acts as a common investment and administrative agent for participating public employers within the State of California. A menu of benefit provisions and other requirements are established by State statutes within the Public Employees' Retirement Law. The District selects optional benefit provisions from the benefit menu by contract with CalPERS and adopts those benefits through local ordinance. CalPERS issues a separate comprehensive annual financial report. Copies of the CalPERS annual financial report may be obtained from the CalPERS Executive Office - 400 P Street - Sacramento, CA 95814.

RANCHO MURIETA COMMUNITY SERVICES DISTRICT
Notes to Basic Financial Statements
June 30, 2013

Note 6: Defined Benefit Pension Plan (Continued)

B. Funding Policy

Active tier 1 plan members in the District's defined pension plan are required to contribute 7% of their annual covered salary and active tier 2 members are required to contribute 6.25% of their annual covered salary. The District is required to contribute the actuarially determined remaining amounts necessary to fund the benefits for its members as required by the defined pension plan. The actuarial methods and assumptions used are those adopted by the CalPERS Board of Administration. The required employer contribution rate for fiscal year 2012-13 was 11.938% for tier 1 and 6.25% for tier 2. The contribution requirements of the plan members are established by state statute and the employer contribution rate is established, and may be amended, by CalPERS annually.

C. Annual Pension Cost

For fiscal year 2012-13, the District's annual required employer pension cost was \$205,926 and the District actually contributed \$205,926. The District also contributes 4% of the employees' 7% portion of their annual covered salary as a benefit to the employee for tier 1 members and 0% for tier 2 members. The employer's required contribution for fiscal year 2012-13 was determined as part of the June 30, 2010 actuarial valuation using entry age normal actuarial cost method with the contributions determined as a percent of pay. The actuarial assumptions included (a) 7.75% investment rate of return (net of expenses); (b) projected salary increases that vary by duration of service ranging from 3.25% to 14.45% for miscellaneous members; and (c) 3.25% overall payroll growth including 3.0% for inflation.

The actuarial value of the plan's assets was determined using a technique that smoothes the effect of short-term volatility in the market value of investments over a two to five year period depending on the size of investment gains and losses. The plan's unfunded actuarial accrued liability (or excess assets) is being amortized as a level percentage of projected payroll on a closed basis. The remaining amortization period at July 1, 2010, was 18 years.

Trend Information for the District

Fiscal Year <u>Ended</u>	Annual Pension <u>Cost (APC)</u>	Percentage of APC <u>Contributed</u>	Net Pension <u>Obligation</u>
06/30/11	\$ 187,469	100%	\$ -
06/30/12	199,260	100%	-
06/30/13	205,926	100%	-

RANCHO MURIETA COMMUNITY SERVICES DISTRICT
Notes to Basic Financial Statements
June 30, 2013

Note 7: Post Retirement Health Care Benefits

Plan Description. Rancho Murieta Community Services District's Post-Retirement Healthcare Plan is a single employer defined benefit healthcare plan administered by Public Employees' Retirement System (PERS). PERS provides medical benefits to eligible retirees and their eligible dependents. Medical benefits are also paid to the surviving spouse of an eligible retiree. The District approved post retirement health insurance benefits for all of its employees under the Public Employees' Medical and Hospital Care Act (PEMHCA). For an employee retiring from the District with 5 or more years of service with a CalPERS agency, the District will contribute the health benefit cost for the retiree and family members up to 100% of the lowest health benefit plan offered by PERS for unrepresented employees and up to 80% of the lowest health plan offered by PERS for represented employees. A retiree with less than 5 complete years of service with a CalPERS agency who retires at the District receives no benefit. The PERS minimum is set by law. The retiree is on the same medical plan as the District's active employees, however monthly rates for coverage of covered active and retired employees are computed separately.

Funding Policy. The contribution requirement of plan members is established by the District's Board of Directors. The 2012-2013 fiscal year annual required contribution is calculated using entry age normal cost (same as CalPERS). For the fiscal year ending June 30, 2013 the District contributed \$153,000 towards the unfunded actuarial accrued liability (UAAL). The District made the net contribution for fiscal year end June 30, 2013 directly to health insurance providers totaling \$58,628.

Annual OPEB Cost and Net OPEB Obligation. The District's annual other post-employment benefit (OPEB) cost (expense) is calculated based on the annual required contribution of the employer (ARC), an amount actuarially determined in accordance with the parameters of GASB Statement 45. The ARC represents a level of funding that, if paid on an ongoing basis, is projected to cover normal cost each year and amortize any unfunded actuarial liabilities (or funding excess) over a period not to exceed thirty years. The District chose a 30 year period to amortize the unfunded actuarial liability. The following table shows the components of the District's annual OPEB cost for the year, the amount actually contributed to the plan, and changes in the District's net OPEB obligation to the District's Healthcare Plan:

Net OPEB obligation-beginning of year	\$	54,472
Annual OPEB cost current fiscal year		199,470
Less: Employer contribution made to trust		(153,000)
Less: Unreimbursed retiree premium payments made to plan provider		(58,629)
Net employer contribution		(211,629)
Net OPEB obligation-end of year	\$	42,313

Three year disclosure of the District's annual OPEB cost, the percentage of annual OPEB cost contributed to the plan and the net OPEB obligation is presented as follows:

Trend Information for the District OPEB

Fiscal Year <u>Ended</u>	Annual OPEB <u>Cost (AOC)</u>	Percentage of AOC <u>Contributed</u>	Net OPEB <u>Obligation</u>
06/30/11	\$ 188,914	100%	\$ 34,996
06/30/12	191,639	100.00%	54,472
06/30/13	199,470	100.06%	42,313

RANCHO MURIETA COMMUNITY SERVICES DISTRICT
Notes to Basic Financial Statements
June 30, 2013

Note 7: Post Retirement Health Care Benefits (Continued)

Funded Status and Funding Progress. As of June 30, 2013, the actuarial accrued liability (AAL) was \$1,843,167 and the unfunded actuarial accrued liability (UAAL) for benefits was \$1,351,627. Actuarial valuations of an ongoing plan involve estimates of the value of reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment, mortality, and the healthcare cost trends. Amounts determined regarding the funded status of the plan and the annual required contributions of the employer are subject to continual revision as actual results are compared with past expectations and new estimates are made about the future. The schedule of funding progress will be presented in the future when multi-year trend information about whether the actuarial value of plan assets is increasing or decreasing over time relative to the actuarial accrued liabilities for benefits is available.

Actuarial Methods and Assumptions. Projections of benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employer and the plan members) and include the types of benefits provided at the time of each valuation and the historical pattern of sharing of benefit costs between the employer and plan members to that point. The actuarial methods and assumptions used include techniques that are designed to reduce the effects of short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations. In the July 1, 2010, actuarial valuation, the entry age normal cost asset valuation method is used. The actuarial assumptions included a 7.75% discount rate and the normal cost component of the ARC increases 5.5% per year throughout the five year projection. The valuation assumes that 100% of eligible retirees will actually participate in the retiree medical benefit. The annual healthcare cost trend rate for represented employees had an assumed cap of 3% per year and the unrepresented had an assumed premium rate increase of 7.9% beginning January 1, 2013, decreasing approximately .3% per year until reaching an ultimate rate of 5.5 percent. It was assumed salary increases will be 3.25% per annum.

Note 8: Special Assessment District

The Rancho Murieta Community Services District's Board and management are responsible for the administration of the Community Facilities District (Community Facilities District No. 1) formed under the provisions of Mello-Roos. The District is not obligated to repay the special assessment debt to the special assessment debt holders.

The amount of special assessment debt at June 30, 2013, is:

Community Facilities District No. 1	\$ <u>2,530,000</u>
-------------------------------------	---------------------

Separate audited financial statements have been issued for the assessment district.

Note 9: Revenue Limitation Imposed by California Proposition 218

Proposition 218, which was approved by the voters in November 1996, will regulate the District's ability to impose, increase, and extend taxes and assessments. Any new, increase, or extended taxes and assessments subject to the provisions of Proposition 218, requires voter approval before they can be implemented. Additionally, Proposition 218 provides that these taxes and assessments are subject to voter initiative process and may be rescinded in the future years by the voters.

RANCHO MURIETA COMMUNITY SERVICES DISTRICT
Notes to Basic Financial Statements
June 30, 2013

Note 10: Prior Period Adjustments

C. Restatement of Net Position and Fund Balance

Adjustments resulting from errors or a change to comply with provisions of previously issued or retroactively applied accounting standards are treated as prior period adjustments. Accordingly the District reports these changes as a restatement to beginning net position in the proprietary fund statement of revenue, expenses and changes in net position.

The impact of the restatements to the previously reported net position is presented below:

	<u>Water Fund</u>	<u>Sewer Fund</u>
Fund Balances, June 30, 2012	\$ 13,890,764	\$ 14,915,266
Adjustments for:		
Prior year receivables and payables (net)	<u>(14,437)</u>	<u>(7,312)</u>
Total adjustment	<u>(14,437)</u>	<u>(7,312)</u>
Fund Balances, July 1, 2012 as restated	<u><u>\$ 13,876,327</u></u>	<u><u>\$ 14,907,954</u></u>

Note 11: Subsequent Event

Subsequent to fiscal year end the Community Facilities District accumulated sufficient cash to prepay the \$2,530,000 outstanding special assessment debt with no governmental commitment. The Community Facilities District also terminated assessing properties, used to pay for the special assessment debt, starting with the 2013/14 fiscal year tax roll.

RANCHO MURIETA COMMUNITY SERVICES DISTRICT

Schedule of Operating Revenues

Water Fund

For the Fiscal Year Ended June 30, 2013

(With Comparative Totals for the Fiscal Year Ended June 30, 2012)

	<u>2013</u>	<u>2012</u>
Service Charges:		
Water sales - residential	\$ 1,643,609	\$ 1,405,770
Water sales - commercial	183,167	150,197
Water availability charges	340	350
Water sales - others	<u>13,430</u>	<u>8,467</u>
Total Service Charges	<u>1,840,546</u>	<u>1,564,784</u>
Other Charges:		
Water telephone line contracts	5,370	5,225
Ditch service charge	-	700
District project charges	400	400
Late charges	18,061	14,749
Water inspection fees	127	127
Transfer fees	<u>4,649</u>	<u>2,529</u>
Total Other Charges	<u>28,607</u>	<u>23,730</u>
Total Operating Revenues	<u><u>\$ 1,869,153</u></u>	<u><u>\$ 1,588,514</u></u>

RANCHO MURIETA COMMUNITY SERVICES DISTRICT

Schedule of Operating Expenses

Water Fund

For the Fiscal Year Ended June 30, 2013

(With Comparative Totals for the Fiscal Year Ended June 30, 2012)

	<u>2013</u>	<u>2012</u>
Source of Supply:		
Wages and salaries	\$ 14,197	\$ 12,582
Employer costs	7,939	5,888
Maintenance and repairs	13,642	23,864
Purchased power	55,494	46,067
Dam inspection costs	35,856	36,306
Supplies		
Chemical	10,251	8,477
Equipment rental	6,611	3,827
	<u>143,990</u>	<u>137,011</u>
Total Source of Supply		
Treatment:		
Wages and salaries	113,794	113,427
Employer costs	52,255	38,938
Purchased power	82,592	82,413
Chemicals	101,163	106,561
Maintenance and repairs	82,594	60,635
Supplies	592	210
Equipment rental	3,905	11,152
Lab tests	12,629	33,741
Miscellaneous	5,350	4,648
	<u>454,874</u>	<u>451,725</u>
Total Treatment		
Transmission and Distribution:		
Wages and salaries	193,393	179,742
Employer costs	87,944	61,752
Water meters	35,867	26,021
Maintenance and repairs	91,883	14,076
Purchased power	41,629	38,995
Lab tests		
Equipment rentals	20,363	18,983
Road paving	30,637	28,535
Supplies	6,229	7,088
Miscellaneous	7,160	6,295
	<u>515,105</u>	<u>381,487</u>
Total Transmission and Distribution		
General and Administrative:		
Wages and salaries	303,835	275,346
Employer costs	144,091	170,896
	<u>447,926</u>	<u>446,242</u>
Subtotal General and Administrative		

RANCHO MURIETA COMMUNITY SERVICES DISTRICT

Schedule of Operating Expenses (Continued)

Water Fund

For the Fiscal Year Ended June 30, 2013

(With Comparative Totals for the Fiscal Year Ended June 30, 2012)

	<u>2013</u>	<u>2012</u>
Subtotal General and Administrative:	\$ 447,926	\$ 446,242
Communications	11,210	13,785
Maintenance and repairs	121,788	213,677
Insurance	17,471	21,093
Permits	16,395	19,413
Supplies	13,800	15,083
Directors' meeting and expenses	7,876	7,741
Elections	1,683	-
Legal and audit	56,699	24,616
Training and safety	12,524	11,650
Vehicle expenses	38,543	46,899
Tools	9,146	5,171
Sacramento Water Authority	10,606	21,656
Miscellaneous	18,710	16,945
Postage	7,706	7,508
Travel and meetings	4,965	3,599
Tuition reimbursement	1,339	244
Clerical services	2,886	
Consulting services	52,493	45,483
Dues and memberships	5,827	6,543
Uniforms	3,115	2,770
Purchased power	3,010	3,276
Equipment lease	1,088	1,082
Bad debts	-	(313)
Water conservation	23,966	15,588
Janitorial and pest control	1,625	1,614
CIA ditch operations	265	77
	<u>892,662</u>	<u>951,444</u>
Total General and Administrative		
Depreciation	<u>482,246</u>	<u>476,294</u>
Total Operating Expenses	<u>\$ 2,488,877</u>	<u>\$ 2,397,961</u>

RANCHO MURIETA COMMUNITY SERVICES DISTRICT

Schedule of Operating Revenues

Sewer Fund

For the Fiscal Year Ended June 30, 2013

(With Comparative Totals for the Fiscal Year Ended June 30, 2012)

	<u>2013</u>	<u>2012</u>
Service Charges:		
Sewer service - residential	\$ 1,126,635	\$ 1,018,722
Sewer service - commercial	117,046	107,832
Sewer availability charges	<u>410</u>	<u>410</u>
Total Service Charges	<u>1,244,091</u>	<u>1,126,964</u>
Other Charges:		
Sewer inspection fees	127	127
District project charges	2,184	2,184
Ditch service charge	-	535
Late charges	18,061	14,749
Transfer fees	<u>3,549</u>	<u>1,931</u>
Total Other Charges	<u>23,921</u>	<u>19,526</u>
Total Operating Revenues	<u>\$ 1,268,012</u>	<u>\$ 1,146,490</u>

RANCHO MURIETA COMMUNITY SERVICES DISTRICT

**Schedule of Operating Expenses
Sewer Fund
For the Fiscal Year Ended June 30, 2013
(With Comparative Totals for the Fiscal Year Ended June 30, 2012)**

	<u>2013</u>	<u>2012</u>
Collections:		
Wages and salaries	\$ 85,610	\$ 67,567
Employer costs	41,364	25,861
Maintenance and repairs	58,625	46,080
Purchased power	14,207	15,032
Equipment rental	15,608	5,061
Supplies	4,811	5,989
Miscellaneous	2,205	-
	<hr/>	<hr/>
Total Collections	222,430	165,590
	<hr/>	<hr/>
Treatment and Disposal:		
Purchased power	140,385	124,862
Chemicals	52,541	68,957
Wages and salaries	165,679	150,602
Employer costs	75,598	55,379
Lab tests	39,038	37,789
Maintenance and repairs	162,907	125,339
Supplies	903	769
Equipment rental	16,185	20,516
Miscellaneous	4,474	98
	<hr/>	<hr/>
Total Treatment and Disposal	657,710	584,311
	<hr/>	<hr/>
General and Administrative:		
Wages and salaries	199,248	205,337
Employer costs	95,540	126,547
Communications	10,049	11,688
Maintenance and repairs	54,326	48,289
Insurance	13,339	16,104
Vehicle expenses	12,855	16,165
Supplies	12,061	11,657
Directors' meetings and expenses	7,299	5,910
Legal and audit	10,600	9,915
Training and safety	14,860	20,591
Permits	28,098	25,690
Miscellaneous	8,353	12,354
Postage	5,883	5,732
Tools	65	7,282
	<hr/>	<hr/>
Subtotal General and Administrative	472,576	523,261
	<hr/>	<hr/>

RANCHO MURIETA COMMUNITY SERVICES DISTRICT

Schedule of Operating Expenses (Continued)

Sewer Fund

For the Fiscal Year Ended June 30, 2013

(With Comparative Totals for the Fiscal Year Ended June 30, 2012)

	<u>2013</u>	<u>2012</u>
Subtotal General and Administrative:	\$ 472,576	\$ 523,261
Travel and meetings	4,254	3,069
Tuition reimbursement	227	226
Clerical Services	2,203	
Consulting	16,393	26,922
Uniforms	3,115	3,037
Dues and memberships	3,614	3,677
Purchased power	2,298	2,501
Bad debts	-	(320)
Janitorial and pest control	1,625	1,614
Equipment lease	831	826
	<u>507,136</u>	<u>564,813</u>
Total General and Administrative		
Depreciation	<u>595,854</u>	<u>597,607</u>
Total Operating Expenses	<u>\$ 1,983,130</u>	<u>\$ 1,912,321</u>

RANCHO MURIETA COMMUNITY SERVICES DISTRICT

**Schedule of Operating Revenues
Drainage Fund
For the Fiscal Year Ended June 30, 2013
(With Comparative Totals for the Fiscal Year Ended June 30, 2012)**

	<u>2013</u>	<u>2012</u>
Special Taxes:		
Drainage service - residential	\$ 147,780	\$ 136,514
Drainage service - commercial	28,630	26,448
	<u>176,410</u>	<u>162,962</u>
Total Special Taxes		
Other Charges:		
Ditch service charge	-	110
Transfer fees	729	397
	<u>729</u>	<u>397</u>
Total Operating Revenues	<u>\$ 177,139</u>	<u>\$ 163,468</u>

RANCHO MURIETA COMMUNITY SERVICES DISTRICT

**Schedule of Operating Expenses
Drainage Fund
For the Fiscal Year Ended June 30, 2013
(With Comparative Totals for the Fiscal Year Ended June 30, 2012)**

	<u>2013</u>	<u>2012</u>
Drainage:		
Wages and salaries	\$ 46,034	\$ 52,716
Maintenance and repairs	26,965	6,774
Purchased power	14,990	16,251
Employer costs	21,375	24,467
Equipment rental	3,267	4,311
Legal and audit	1,256	1,754
Chemicals	1,838	1,520
Improvements	-	8,011
Permits	4,852	4,852
Miscellaneous	2,303	2,626
	<u>122,880</u>	<u>123,282</u>
General and Administrative:		
Wages and salaries	31,533	29,405
Employer costs	16,222	15,501
Clerical expense	453	
Communications	468	1,007
Insurance	2,740	3,308
Maintenance and repairs	6,570	4,633
Vehicle Expenses	204	440
Directors' meeting and expenses	1,499	1,214
Uniforms		
Office supplies	1,462	1,407
Legal and audit	921	2,036
Postage	1,208	1,177
Consulting services	64	1,160
Miscellaneous	1,262	1,820
Travel and meeting	582	349
Tuition reimbursement	47	40
Memberships	539	574
Training and safety	533	442
Purchased power	472	514
Equipment lease	171	170
	<u>66,950</u>	<u>65,197</u>
Total General and Administrative	<u>66,950</u>	<u>65,197</u>
Total Operating Expenses	<u>\$ 189,830</u>	<u>\$ 188,479</u>

RANCHO MURIETA COMMUNITY SERVICES DISTRICT

**Schedule of Operating Revenues
Solid Waste Fund
For the Fiscal Year Ended June 30, 2013
(With Comparative Totals for the Fiscal Year Ended June 30, 2012)**

	<u>2013</u>	<u>2012</u>
Service Charges:		
Solid Waste - residential	\$ 616,974	\$ 588,809
Total Service Charges	<u>616,974</u>	<u>588,809</u>
Total Operating Revenues	<u><u>\$ 616,974</u></u>	<u><u>\$ 588,809</u></u>

RANCHO MURIETA COMMUNITY SERVICES DISTRICT

Schedule of Operating Expenses

Solid Waste Fund

For the Fiscal Year Ended June 30, 2013

(With Comparative Totals for the Fiscal Year Ended June 30, 2012)

	<u>2013</u>	<u>2012</u>
Solid Waste:		
Contract charges	\$ 535,189	\$ 508,738
E-Waste disposal cost	23,568	
Miscellaneous	34,246	32,834
	<u>593,003</u>	<u>541,572</u>
Total Solid Waste		
	<u>593,003</u>	<u>541,572</u>
General and Administrative:		
Wages and salaries	25,847	24,102
Employer costs	13,296	13,038
Travel-Meetings	477	286
Tuition reimbursement	38	20
Clerical reimbursement	371	
Office supplies	1,199	1,153
Mail machine lease	140	139
Insurance	2,246	2,711
Postage	990	965
Professional services	5,685	4,444
Utilities	634	645
Maintenance and repairs	3,031	1,903
Miscellaneous	1,231	2,882
Directors' meeting and expenses	1,012	995
	<u>56,197</u>	<u>53,284</u>
Total General and Administrative		
	<u>56,197</u>	<u>53,284</u>
Total Operating Expenses	<u>\$ 649,200</u>	<u>\$ 594,856</u>

RANCHO MURIETA COMMUNITY SERVICES DISTRICT

**Schedule of Operating Revenues
Security Fund**

**For the Fiscal Year Ended June 30, 2013
(With Comparative Totals for the Fiscal Year Ended June 30, 2012)**

	<u>2013</u>	<u>2012</u>
Special Taxes:		
Security service - residential	\$ 1,001,675	\$ 963,000
Security service - commercial	<u>165,900</u>	<u>159,545</u>
Total Special Taxes	<u>1,167,575</u>	<u>1,122,545</u>
Other Charges:		
Late charges	36,121	29,499
Transfer fees	8,626	5,020
Fines and permits	9,980	9,460
Other	<u>3,984</u>	<u>5,979</u>
Total Other Charges	<u>58,711</u>	<u>49,958</u>
Total Operating Revenues	<u>\$ 1,226,286</u>	<u>\$ 1,172,503</u>

RANCHO MURIETA COMMUNITY SERVICES DISTRICT

**Schedule of Operating Expenses
Security Fund
For the Fiscal Year Ended June 30, 2013
(With Comparative Totals for the Fiscal Year Ended June 30, 2012)**

	<u>2013</u>	<u>2012</u>
Gate Services:		
Wages and salaries	\$ 277,630	\$ 276,568
Employer costs	163,998	150,117
Miscellaneous	4,972	2,198
Equipment repairs and maintenance	20,193	28,057
Supplies	5,872	6,363
Communications	5,680	5,303
Janitor and pest controls	3,157	3,583
Purchased power	2,408	2,172
Training and safety	-	-
Uniforms	1,795	217
	<u>485,705</u>	<u>474,578</u>
Total Gate Services		
Patrol Services:		
Wages and salaries	229,563	234,663
Employer costs	123,134	127,131
Vehicle fuel	18,259	22,667
Off-duty sheriff patrol	8,689	2,761
Vehicle maintenance	9,450	9,068
Uniforms	1,054	991
Miscellaneous	1,268	718
Cellular phone	3,461	3,280
Equipment repairs and maintenance	278	433
Janitor and pest control	2,133	2,638
Supplies		
Travel/meetings	2,212	128
Tuition reimbursement	155	1,583
Training and safety	1,891	1,534
	<u>401,547</u>	<u>407,595</u>
Total Patrol Services		
General and Administrative:		
Wages and salaries	191,876	178,932
Employer costs	88,058	91,766
Clerical services	1,506	
Insurance	9,117	15,507
Legal and audit	13,886	17,854
Supplies	12,220	10,514
Directors' meetings and expenses	4,988	4,039
Training and safety	4,081	2,717
Consulting	213	2,635
Uniforms		
Purchased power	1,571	1,709
	<u>327,516</u>	<u>325,675</u>
Subtotal General and Administrative		

RANCHO MURIETA COMMUNITY SERVICES DISTRICT

Schedule of Operating Expense (Continued)

Security Fund

For the Fiscal Year Ended June 30, 2013

(With Comparative Totals for the Fiscal Year Ended June 30, 2012)

	<u>2013</u>	<u>2012</u>
Subtotal General and Administrative:	\$ 327,516	\$ 325,675
Communications	2,002	3,748
Equipment repairs and maintenance	21,897	16,212
Postage	4,021	3,918
Bad debts	-	(613)
Travel and meetings	-	1,161
Miscellaneous	6,398	10,297
Memberships	1,792	1,912
Equipment lease	568	565
Vehicle expenses	-	671
Uniform		
	<u>364,194</u>	<u>363,546</u>
Total General and Administrative		
Depreciation	<u>37,562</u>	<u>38,976</u>
Total Operating Expenses	<u>\$ 1,289,008</u>	<u>\$ 1,284,695</u>

*Larry Bain, CPA,
An Accounting Corporation
2148 Frascati Drive
El Dorado Hills, CA 95762*

REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING

Board of Directors
Rancho Murieta Community Services District
Rancho Murieta, California

We have audited the Financial Statements of the Rancho Murieta Community Services District (District) as of and for the fiscal year ended June 30, 2013, and have issued our report thereon dated September 23, 2013. In our audit report we issued an unqualified opinion. We conducted our audit in accordance with auditing standards generally accepted in the United States of America.

Internal Control over Financial Reporting

In planning and performing our audit, we considered District's internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the District's internal control over financial reporting. Accordingly we do not express an opinion on the effectiveness of the District's internal control over financial reporting.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A material weakness is a deficiency or a combination of deficiencies in internal control, such that there is a reasonable possibility that material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis.

Our consideration of the internal control over financial reporting was for the limited purpose described in the preceding paragraph and would not necessarily identify all deficiencies in internal control that might be significant deficiencies or material weaknesses and, therefore, there can be no assurance that all such deficiencies have been identified. We did not identify any deficiencies in internal control that we consider to be material weaknesses.

A significant deficiency is a deficiency, or combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal controls over financial reporting and the result of that testing, and not to provide an opinion on the effectiveness of the District's internal control. This report is an integral part of an audit performed in accordance with auditing standards generally accepted in the United States of America in considering the District's internal control over financial reporting accordingly this report is not suitable for any other purpose.

This report is intended solely for the information and use of the Board of Directors, management, the Sacramento County Auditor Controller's Office and the Controller's Office of the State of California and is not intended to be and should not be used by anyone other than these specified parties.

*Larry Bain, CPA,
An Accounting Corporation
September 23, 2013*

RANCHO MURIETA COMMUNITY SERVICES DISTRICT

COMMUNITY FACILITIES DISTRICT NO. 1

COMPONENT UNIT FINANCIAL STATEMENTS

JUNE 30, 2013

**RANCHO MURIETA COMMUNITY SERVICES DISTRICT
COMMUNITY FACILITIES DISTRICT NO. 1
JUNE 30, 2013**

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Larry Bain, CPA,
An Accounting Corporation
2148 Frascati Drive
El Dorado Hills, CA 95762

INDEPENDENT AUDITOR'S REPORT

Board of Directors
Rancho Murieta Community Services District
Community Facilities District No. 1
Rancho Murieta, California

We have audited the accompanying financial statements of the governmental activities and the major fund of Rancho Murieta Community Services District, Community Facilities No.1 (CFD), a component unit of the Rancho Murieta Community Services District, as of and for the fiscal year ended June 30, 2013, which collectively comprise the CFD's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with the accounting principles generally accepted in the United States of America; this includes the design, implementation and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our Responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement.

An audit includes performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the District's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the District's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall financial statement presentation.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the basic financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities and the major fund of the Rancho Murieta Community Services District, Community Facilities District No.1 as of June 30, 2013, and the respective changes in financial position, thereof for the fiscal year then ended in conformity with the accounting principles generally accepted in the United States of America.

Other Matters*Required Supplementary Information*

The CFD has not presented the Management Discussion and Analysis that accounting principles generally accepted in the United States has determined is necessary to supplement, although not required to be part of, the basic financial statements.

Other Information

We have also issued our report dated September 23, 2013 on our consideration of the CFD's internal control over financial reporting. That report should be read in conjunction with this report in considering our audit.

*Larry Bain, CPA,
An Accounting Corporation
September 23, 2013*

**RANCHO MURIETA COMMUNITY SERVICES DISTRICT
COMMUNITY FACILITIES DISTRICT NO.1**

**STATEMENT OF NET POSITION
JUNE 30, 2013**

Current Assets	
Cash and investments	\$ 2,637,021
Assessments receivable	171,505
Other Assets	
Deferred charges-net of accumulated amortization	<u>99,821</u>
Total Assets	<u><u>\$ 2,908,347</u></u>
Current Liabilities	
Accounts payable	\$ 3,483
Due to others	50,835
Interest payable	<u>34,588</u>
Total Current Liabilities	<u>88,906</u>
Noncurrent Liabilities	
Due in one year	800,000
Due in more than one year	<u>1,730,000</u>
Total Liabilities	<u>2,618,906</u>
Net Position	
Restricted	<u>289,441</u>
Total Net Position	<u><u>\$ 289,441</u></u>

**RANCHO MURIETA COMMUNITY SERVICES DISTRICT
COMMUNITY FACILITIES DISTRICT NO.1**

**STATEMENT OF ACTIVITIES
JUNE 30, 2013**

	Expenses	Program Revenues Capital Grants and Contributions	Total
Governmental Activities:			
General government	\$ 59,342	\$ 1,515,667	\$ 1,456,325
Interest expense	148,420		(148,420)
Total Governmental Activities	\$ 207,762	\$ 1,515,667	1,307,905
General Revenues:			
Investment income			601
Total general revenues			601
Change in net position			1,308,506
Net position - beginning			(1,019,065)
Net position - ending			\$ 289,441

**RANCHO MURIETA COMMUNITY SERVICES DISTRICT
COMMUNITY FACILITIES DISTRICT NO.1**

**GOVERNMENTAL FUNDS
BALANCE SHEET
JUNE 30, 2013**

Assets

Cash and investments	\$ 2,637,021
Assessments receivable	<u>171,505</u>
Total Assets	<u><u>\$ 2,808,526</u></u>

Liabilities and Fund Balances

Liabilities

Accounts payable	\$ 3,483
Due to others	50,835
Deferred Revenue	<u>5,564</u>
Total Liabilities	<u><u>59,882</u></u>

Fund Balance

Fund balances	
Restricted for debt service	<u>2,748,644</u>
Total Fund Balance	<u><u>2,748,644</u></u>
Total Liabilities and Fund Balance	<u><u>\$ 2,808,526</u></u>

**RANCHO MURIETA COMMUNITY SERVICES DISTRICT
COMMUNITY FACILITIES DISTRICT NO.1**

**RECONCILIATION OF THE GOVERNMENTAL FUNDS BALANCE SHEET
TO STATEMENT OF NET POSITION
JUNE 30, 2013**

Fund Balances of Governmental Funds	\$ 2,748,644
Amounts reported for governmental activities in the statement of net position are different because:	
Debt issuance costs are current expenses in the funds, but are deferred assets in the statement of net position.	99,821
Deferred revenues are not available to pay for current-period expenditures and therefore are deferred in the funds.	5,564
Some liabilities, including long-term debt and accrued interest are not due and payable in the current period and therefore are not reported in the funds.	<u>(2,564,588)</u>
Net position of governmental activities	<u><u>\$ 289,441</u></u>

**RANCHO MURIETA COMMUNITY SERVICES DISTRICT
COMMUNITY FACILITIES DISTRICT NO.1**

**GOVERNMENTAL FUNDS
STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND BALANCE
JUNE 30, 2013**

Revenues	
Assessments	\$ 1,698,527
Fines, forfeitures, penalties	353,549
Investment income	<u>601</u>
Total Revenues	<u>2,052,677</u>
Expenditures	
Current:	
Administration	26,126
Debt Service	
Principal	760,000
Interest	<u>158,490</u>
Total Expenditures	<u>944,616</u>
Net Change in Fund Balance	1,108,061
Fund Balance, July 1, 2012	<u>1,640,583</u>
Fund Balance, June 30, 2013	<u><u>\$ 2,748,644</u></u>

**RANCHO MURIETA COMMUNITY SERVICES DISTRICT
COMMUNITY FACILITIES DISTRICT NO.1**

**RECONCILIATION OF THE GOVERNMENTAL FUNDS
STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
TO THE STATEMENT OF ACTIVITIES
JUNE 30, 2013**

Net Change in Fund Balances - Total Governmental Funds	\$ 1,108,061
Amounts reported for governmental activities in the Statement of Activities differs from the amounts reported in the Statement of Revenues, Expenditures and Changes in Fund Balances because:	
Governmental funds report the effect of issuance costs, premiums and similar items when debt is first issued, whereas these amounts are deferred and amortized in the government-wide statements.	(33,216)
Revenues in the statement of activities that do not provide current financial resources are not reported as revenues in the funds.	(536,409)
Repayment of long-term debt principal is an expenditure in the governmental funds, but the repayment reduces long-term liabilities in the statement of net position.	760,000
The change in accrued interest is recorded as a current liability in the statement of activity, however interest expense is recorded when paid in the governmental funds.	<u>10,070</u>
Change in net position of governmental activities	<u><u>\$ 1,308,506</u></u>

**RANCHO MURIETA COMMUNITY SERVICES DISTRICT
COMMUNITY FACILITIES DISTRICT NO.1**

**NOTES TO FINANCIAL STATEMENTS
JUNE 30, 2013**

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The accounting policies of Rancho Murieta Community Services District, Community Services District No. 1 conform to accounting principles generally accepted in the United States of America, as prescribed by the Governmental Accounting Standards Board (GASB) and the American Institute of Certified Public Accountants (AICPA), as applied to governmental units. GASB is the accepted standard-setting body for establishing governmental accounting and financial reporting principles. The more significant of the CFD's accounting policies are described below.

A. Reporting Entity

The Rancho Murieta Community Services District, Community Facilities District No. 1 (CFD) was formed in March 1, 1991, by resolution of the Rancho Murieta Community Services District's Board of Directors for the sole purpose of acquiring and constructing water and sewer facilities that will benefit the inhabitants within the Rancho Murieta Community. In order to finance the expansion of water and sewer facilities, special tax bonds totalling \$12,925,000 were issued pursuant to the Mello-Roos Community Facilities Act of 1982.

As of June 30, 1997, all acquisitions and constructed facilities were completed and transferred to the Rancho Murieta Community Services District. Additional construction costs incurred by the CFD are funded by developers under shortfall agreements.

The CFD, a component unit of Rancho Murieta Community Services District, is a legally constituted governmental entity governed by the Board of Directors of the Rancho Murieta Community Services District. The financial records of the CFD are maintained by the Rancho Murieta Community Services District.

The financial statements present only the financial position and changes in financial position of the CFD and are not intended to present fairly the financial position of Rancho Murieta Community Services District and the changes in its financial position in conformity with accounting principles generally accepted in the U.S.

B. Basis of Presentation

Government-wide Statements: The Statement of Net Assets and the Statement of Activities include the financial activities of the overall CFD government. Eliminations are made to minimize the double accounting of internal activities.

The Statement of Activities presents a comparison between direct expenses and program revenues for each function of the CFD's activities. Direct expenses are those that are specially associated with a program or function and, therefore, are clearly identifiable to a particular function. Program revenues include (a) charges paid by the recipients of goods or services offered by the programs, and (b) grants and contributions that are restricted to meeting the operational or capital requirements of a particular program. Revenues that are not classified as program revenues are presented as general revenues.

Fund Financial Statements: The fund financial statements provide information about the CFD's funds. Separate statements for each governmental fund are presented. The emphasis of fund financial statements is on major individual funds, each of which is displayed in a separate column.

**RANCHO MURIETA COMMUNITY SERVICES DISTRICT
COMMUNITY FACILITIES DISTRICT NO.1**

**NOTES TO FINANCIAL STATEMENTS
JUNE 30, 2013**

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

C. Major Funds:

GASB Statement No.34 defines major funds and requires that the CFD's major governmental type funds be identified and presented separately in the fund financial statements. Major funds are defined as funds that have assets, liabilities, revenues, or expenditures equal to ten percent of their fund- type total and five percent of the total for all fund types. The CFD has determined that all its funds are major funds.

The CFD reported the following major governmental fund in the accompanying component unit financial statements. This fund is also presented in the governmental units basic financial statements as a fiduciary fund type.

Debt Service Fund- The Debt Service Fund is used to account for the accumulation of resources for, and the payment of, long-term debt principle and interest for the special assessment debt with no governmental commitment.

D. Basis of Accounting:

The government-wide financial statements are reported using the economic resources measurement focus and the full accrual basis of accounting. Revenues are recorded when *earned* and expenses are recorded at the time liabilities are *incurred*, regardless of when the related cash flows take place.

Governmental Funds are reported using the *current financial resources* measurement focus and the *modified accrual* basis of accounting. Under this method, revenues are recognized when *measureable and available*.

The CFD considers all revenues reported in the governmental funds to be available if the revenues are collected within sixty days after fiscal year-end. Expenditures are recorded when related fund liability is incurred, except for principle and interest on long-term debt, claims and judgments, and compensated absences, which are recognized as expenditures to the extent they have matured. Capital asset acquisitions under capital leases are reported as *other financing sources*.

Non-exchange transactions, in which the CFD gives or receives value without directly receiving or giving equal value in exchange, include grants, entitlements, and donations, are recognized in the fiscal year in which all eligibility requirements have been satisfied.

Under the terms of grant agreements, the CFD funds certain programs by a combination of specific cost-reimbursement grants, categorical block grants, and general revenues. Thus, when program expenses are incurred, there are both restricted and unrestricted net assets available to finance the program. The CFD's policy is to first apply cost-reimbursement grant resources to such programs, followed by general revenues.

E. Budget and Budgetary Accounting

The CFD does not maintain a budget for the Debt Service Fund.

**RANCHO MURIETA COMMUNITY SERVICES DISTRICT
COMMUNITY FACILITIES DISTRICT NO.1**

**NOTES TO FINANCIAL STATEMENTS
JUNE 30, 2013**

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

F. Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America as prescribed by the GASB and the American Institute of Certified Public Accountants (AICPA), requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

G. Net Assets/Fund Equity

Government-wide Financial Statements

Restricted Net Assets - This amount consists of amounts restricted from external creditors, grantors, contributors, or laws or regulations of other governments.

Unrestricted Net Assets- This amount is all net assets that do not meet the definition of “invested in capital assets, net of related debt” or “restricted net assets”.

Fund Financial Statements

Fund Equity- Restricted fund balance of the governmental fund is created to satisfy the debt covenant reserve, not available for future expenditures. The assigned fund balance is the amount needed to make the current portion of the debt service payment and the unassigned portion is the remaining amount not restricted or assigned.

NOTE 2: CASH AND INVESTMENTS

Deposits with financial institutions	\$ 1,752,723
Investments	<u>884,298</u>
Total cash and investments - restricted	<u><u>\$ 2,637,021</u></u>

**RANCHO MURIETA COMMUNITY SERVICES DISTRICT
COMMUNITY FACILITIES DISTRICT NO.1**

**NOTES TO FINANCIAL STATEMENTS
JUNE 30, 2013**

NOTE 2: CASH AND INVESTMENTS (CONTINUED)

A. Investments Authorized by the California Government Code and the District's Investment Policy

The table below identifies the **investment types** that are authorized for the Rancho Murieta Community Services District Community Facilities District No 1. (District) by the California Government Code (or the District's investment policy, where more restrictive). The table also identifies certain provisions of the California Government Code (or the District's investment policy, where more restrictive) that address **interest rate risk, credit risk and concentration of credit risk**. This table does not address investments of debt proceeds held by bond trustees that are governed by the provisions of debt agreements of the District, rather than the general provisions of the California Government Code or the District investment policy.

<u>Authorized Investment Type</u>	<u>Maximum Maturity</u>	<u>Percentage of Portfolio</u>	<u>Investment in One Issuer</u>
Investment pools authorized under CA			
Statutes governed by Government Code	N/A	None	\$40 million
U.S. Treasury Obligations	5 years	None	None
Bank Savings Accounts	N/A	25%	None
Federal Agencies	5 years	75%	None
Commercial Paper	180 days	20%	None
Negotiable Certificates of Deposit	180 days	20%	None
Re-Purchase Agreements	180 days	20%	None
Corporate Debt	5 years	25%	None

B. Investments Authorized by Debt Agreements

Investments held by trustees are governed by provisions of the debt agreements, rather than the general provisions of the California Government Code or the District's investment policy. The Table below identifies the investment types that are authorized for investments held by trustees. The table also identifies certain provisions of the debt agreements that address interest rate risk, credit risk, and concentration of credit risk.

<u>Authorized Investment Type</u>	<u>Maximum Maturity</u>	<u>Maximum Percentage of Portfolio</u>	<u>Maximum Investment in One Issuer</u>
Investment pools authorized under CA			
Statues governed by Government Code	N/A	None	\$40 million
U.S. Treasury Obligations	5 years	None	None
Bank Savings Account	N/A	25%	None
Federal Agencies	5 years	75%	None
Commercial Paper	180 days	20%	None
Negotiable Certificates of Deposit	180 days	20%	None
Re-purchase Agreements	180 days	20%	None
Corporate Debt	5 years	25%	None
Money Market Accounts	N/A	None	None

**RANCHO MURIETA COMMUNITY SERVICES DISTRICT
COMMUNITY FACILITIES DISTRICT NO.1**

**NOTES TO FINANCIAL STATEMENTS
JUNE 30, 2013**

NOTE 2: CASH AND INVESTMENTS (CONTINUED)

C. Disclosures Relating to Interest Rate Risk

Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. Generally, the longer the maturity of an investment the greater the sensitivity of its fair value to changes in market interest rates.

Information about the sensitivity of the fair values of the District's investments to market interest rate fluctuations is provided by the following table that shows the distribution of the District's investment maturity:

Investment Type	Totals	Remaining Maturity (in Months)				
		12 Months or Less	13-24 Months	25-36 Months	49-60 Months	More Than 60 Months
CAMP Investment Pool*	\$ 8,298	\$ 8,298	\$ -	\$ -	\$ -	\$ -
Held by Trustee:						
Money Market*	876,000	876,000	-	-	-	-
Totals	<u>\$ 884,298</u>	<u>\$ 884,298</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

*Not subject to categorization

D. Disclosures Relating to Credit Risk

Generally, credit risk is the risk that an issuer of an investment will not fulfil its obligation to the holder of the investment. This is measured by the assignment of a rating by a nationally recognized statistical rating organization. Presented below is the minimum rating required by (where applicable) California Government Code, the District's investment policy, or debt agreements, and the actual rating as of fiscal year end for each investment type.

Investment Type	Amount	Minimum Legal Rating	Exempt From Disclosure	Rating as of Fiscal Year End			
				AAA	AA	A	Not Rated
CAMP Investment Pool	\$ 8,298	N/A	\$ -	\$ -	\$ -	\$ -	\$ 8,298
Held by Trustee:							
Money Market	<u>876,000</u>	N/A	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>876,000</u>
Total investments	<u>\$ 884,298</u>		<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 884,298</u>

E. Concentration of Credit Risk

The investment policy of the District contains limitations on the amount that can be invested in any one issuer. There are no investments in any one issuer (other than money market fund reserve) that represent 5% or more of total District investment.

**RANCHO MURIETA COMMUNITY SERVICES DISTRICT
COMMUNITY FACILITIES DISTRICT NO.1**

**NOTES TO FINANCIAL STATEMENTS
JUNE 30, 2013**

NOTE 2: CASH AND INVESTMENTS (CONTINUED)

F. Custodial Credit Risk

Custodial credit risk for *deposits* is the risk that, in the event of the failure of a depository financial institution, a government will not be able to recover its deposit or will not be able to recover collateral securities that are in the possession of an outside party. The custodial credit risk for *investments* is the risk that, in the event of the failure of the counterparty (e.g. broker-dealer) to a transaction, a government will not be able to recover the value of its investment of collateral securities that are in the possession of another party. The California Government Code and the District’s investment policy do not contain legal or policy requirements that would limit the exposure to custodial credit risk for deposits or investments, other than the following provision for deposits; The California Government Code requires that a financial institution secure deposits made by state or local governmental units by pledging securities in an undivided collateral pool held by a depository regulated under state law (unless so waived by the government unit). The fair value of the pledged securities in the collateral pool must equal at least 110% of the total amount deposited by the public agencies. California law also allows financial institutions to secure the District’s deposits by pledging first deed mortgage notes having a value of 150% of the secured public deposits.

At June 30, 2013, \$1,502,723 of the District’s deposits, with financial institutions, in excess of federal depository insurance limits, were held in collateralized accounts.

NOTE 3: SPECIAL ASSESSMENTS RECEIVABLE

Assessments are levied by the CFD against property owners and collected through the secured property tax rolls of the County of Sacramento. Assessments receivable represent the amount assessed to the property owners to bond principle and interest. In the event property owners are delinquent in their payments, the CFD is required to initiate foreclosure proceedings within 150 days following the date of delinquency. Delinquent assessment receivables were \$171,505 at June 30, 2013. The District refers pending cases to the CFD’s legal counsel for collection.

NOTE 4: SPECIAL ASSESSMENT DEBT WITH NO GOVERNMENT COMMITMENT

On March 7, 1991, the District issued assessment bonds totaling \$12,925,000 under the “Mello-Roos Community Facilities Act of 1982”. On October 1, 2002 the original bonds were refunded and defeased by issuing \$8,760,000 in special tax refunding bonds and applying the original bond reserve funds and redemption account funds to the redemption. The Bonds are not a general obligation of the District, but are limited obligations of the District and the CFD payable solely from and secured by the special taxes pledged therefore. Bond principle is paid annually on October 1 of each year and interest is paid semi annually on April 1 and October 1 beginning in 2003 and ending in the 2016 fiscal year. Future minimum debt service requirements are as follows:

Fiscal Year Ended June 30,	Principal	Interest	Total
2014	\$ 800,000	\$ 138,350	\$ 938,350
2015	840,000	95,150	935,150
2016	890,000	48,950	938,950
Total	<u>\$ 2,530,000</u>	<u>\$ 282,450</u>	<u>\$ 2,812,450</u>

**RANCHO MURIETA COMMUNITY SERVICES DISTRICT
COMMUNITY FACILITIES DISTRICT NO.1**

**NOTES TO FINANCIAL STATEMENTS
JUNE 30, 2013**

NOTE 5: CHANGES IN LONG-TERM DEBT

Long-term liabilities activity for the fiscal year ended June 30, 2013, was as follows:

	Balance July 1, 2012	Additions	Reductions	Balance June 30, 2013	Due within One Year
Special Assessment Debt					
No Governmental Commitment	\$ 3,290,000	\$ -	\$ 760,000	\$ 2,530,000	\$ 800,000
Total	<u>\$ 3,290,000</u>	<u>\$ -</u>	<u>\$ 760,000</u>	<u>\$ 2,530,000</u>	<u>\$ 800,000</u>

NOTE 6: RESERVE FOR BOND SERVICE

By the terms of the bond indenture, \$876,000 of the proceeds of the bond issue plus an additional deposit by the District was set aside for the purpose of paying any delinquent bond interest and principle payments. In the event the monies expended from this trust fund are for any delinquent payments, the CFD is obligated to pursue legal means to cause the redemption of the delinquent payments by the property owner(s) or force sale of the property wherein the monies shall be used to reimburse the reserve fund for the delinquent payments made. At June 30, 2013, the CFD had \$876,000 invested in the bond reserve fund.

NOTE 7: SUBSEQUENT EVENT

Subsequent to fiscal year end the Community Facilities District accumulated sufficient cash to prepay the \$2,530,000 outstanding special assessment debt with no governmental commitment. The Community Facilities District also terminated assessing properties, used to pay for the special assessment debt, starting with the 2013/14 fiscal year tax roll.

Larry Bain, CPA,
An Accounting Corporation
2148 Frascati Drive
El Dorado Hills, CA 95762

REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING

Board of Directors
Rancho Murieta Community Services District
Community Facilities District No. 1
Rancho Murieta, California

We have audited the Financial Statements of the Rancho Murieta Community Services District CFD #1 (CFD) as of and for the fiscal year ended June 30, 2013, and have issued our report thereon dated September 23, 2013. In our audit report we issued an unqualified opinion. We conducted our audit in accordance with auditing standards generally accepted in the United States of America.

Internal Control over Financial Reporting

In planning and performing our audit, we considered CFD's internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the CFD's internal control over financial reporting. Accordingly we do not express an opinion on the effectiveness of the CFD's internal control over financial reporting.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A material weakness is a deficiency or a combination of deficiencies in internal control, such that there is a reasonable possibility that material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis.

Our consideration of the internal control over financial reporting was for the limited purpose described in the preceding paragraph and would not necessarily identify all deficiencies in internal control that might be significant deficiencies or material weaknesses and, therefore, there can be no assurance that all such deficiencies have been identified. We did not identify any deficiencies in internal control that we consider to be material weaknesses.

A significant deficiency is a deficiency, or combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal controls over financial reporting and the result of that testing, and not to provide an opinion on the effectiveness of the CFD's internal control. This report is an integral part of an audit performed in accordance with auditing standards generally accepted in the United States of America in considering the CFD's internal control over financial reporting accordingly this report is not suitable for any other purpose.

This report is intended solely for the information and use of the Board of Directors, management, the Sacramento County Auditor Controller's Office and the Controller's Office of the State of California and is not intended to be and should not be used by anyone other than these specified parties.

Larry Bain, CPA,
An Accounting Corporation
September 23, 2013

MEMORANDUM

Date: October 9, 2013
To: Board of Directors
From: Edward Crouse, General Manager
Subject: Adopt Recycled Water Standards

RECOMMENDATION ACTION

Adopt the Recycled Water Standards prepared by Kevin Kennedy, AECOM.

BACKGROUND

The District is in the process of expanding its recycled water system in accordance with District Policy No. 2011-07. The District falls within the jurisdiction of the Central Valley Regional Water Quality Control Board (Regional Board), whose mission is to preserve, enhance, and restore the quality of California's water resources and to ensure their proper allocation and efficient use for the benefit of present and future generations. A specific goal of the Regional Board is to promote and expand the beneficial use of recycled water. In an effort to support this goal, the District has chosen to offer recycled water to future customers to protect, preserve, and conserve ground and surface water resources in Sacramento County as well as surrounding counties. To achieve this goal, the existing recycled water system will be expanded to serve recycled water for landscape irrigation of new residential homes located within specific developments and existing parks, medians, commercial landscaping where deemed to be cost effective.

The purpose of this document is to establish standard procedures, specifications and limitations to ensure the health, safety, and general welfare of the citizens of Rancho Murieta when using recycled water, consistent with the laws and regulations of the State of California and County of Sacramento. The Recycled Water Standards (Standards) have been developed to ensure uniformity in design concepts, format, methodology, construction materials, and quality of work products of the facilities associated with the expanded recycled water system.

It is the intent of this document to ensure compliance with the Rancho Murieta Community Services District (District) Code and other governing policies, instructions, and regulations related to the use of recycled water.

These standards will be used by developers to design their internal subdivisions or commercial irrigation facilities.

RECYCLED WATER STANDARDS



**RANCHO MURIETA COMMUNITY
SERVICES DISTRICT**

October 2013

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1.0 Introduction and General Guidelines

The Rancho Murieta Community Services District (District or RMCS D) is expanding its recycled water program in response to District Policy No. 2011-07. This policy requires the use of recycled water in all future residential and commercial developments where determined to be cost-effective. The District falls within the jurisdiction of the Central Valley Regional Water Quality Control Board (Regional Board), whose mission is to preserve, enhance, and restore the quality of California's water resources and to ensure their proper allocation and efficient use for the benefit of present and future generations. A specific goal of the Regional Board is to promote and expand the beneficial use of recycled water. In an effort to support this goal, the District has chosen to offer recycled water to future customers to protect, preserve, and conserve ground and surface water resources in the District and Sacramento County. To achieve this goal, the District is pursuing a master reclamation permit to allow for distribution and use of recycled water within its service area on land owned by various entities including individual homeowners for landscape irrigation as defined in Table 1. In response, the District will be expanding the existing recycled water system to serve recycled water for landscape irrigation of new residential homes located within future developments and existing and future parks, athletic fields, commercial landscaping, etc.

1.1 Purpose

The purpose of this document is to establish minimum standard procedures, specifications and limitations to ensure the health, safety, and general welfare of the citizens of Rancho Murieta when installing infrastructure for, and the use of, recycled water, consistent with the laws and regulations of the State of California. The Recycled Water Standards (Standards) have been developed to ensure uniformity in design, format, methodology, construction materials, and quality of work products of the facilities associated with the expanded recycled water system. These Standards are intended to assist Applicants, Authorized Contractors, Customers, and Design Consultants with the planning, design, repair, and construction of the expanded recycled water system.

It is the intent of this document to be consistent and ensure compliance with the District's Recycled Water Code¹ and other governing policies, instructions, and regulations related to the use of recycled water. These Standards do not limit the responsibility of the Applicants, Authorized Contractors, Customers, and Design Consultants, but assist in providing professionally sound, efficient, uniform, and workable criteria and requirements for recycled water improvements. These Standards do not address all aspects of a complete design. For areas not addressed in these Standards, the Applicants, Authorized Contractors, Customers, and Design Consultants must use good engineering judgment and practices compliant with the most recently adopted State and Federal regulations.

The Applicants, Authorized Contractors, Customers, and Design Consultants responsibilities include 1) submitting a written request for approval of procedures, specifications, design

¹ Chapter 17, The Recycled Water Code, adopted by Ordinance No. 2011-05 on January 18, 2012.

concepts, etc. that differ from these Standards, 2) performing calculations or studies as requested by the District, and 3) coordinating and resolving issues with appropriate regulating agencies, departments, or divisions, if necessary.

This document is organized into the following chapters:

- Chapter 1 – Introduction and General Guidelines
- Chapter 2 – System Design and Construction Standards
- Chapter 3 – Standard Details

1.2. Definitions

The following are definitions of service terms used throughout this document.

Table 1. Definitions

Air Gap Separation	A physical separation between the free flowing discharge end of a recycled water supply pipeline and an open or non-pressurized receiving vessel such as a storage tank.
Applicant	Owner or agent of the owner of the property for which recycled water service is being requested.
Authorized Contractor	District-approved contractor who has completed all appropriate education requirements in order to perform work associated with the District's or User's recycled water system.
ASTM	American Society for Testing and Materials
AWWA	American Water Works Association
BMP	Best Management Practice. Method or technique found to be the most effective and practical means of achieving an objective.
Board	Board of Directors of the Rancho Murieta Community Services District.
CDPH	California Department of Public Health
Contract Documents	Agreement, general and supplementary conditions, addenda, drawings, and specifications describing the scope of a

	particular project.
Cross Connection	Any physical connection between any part of a water system used or intended to supply water for drinking purposes and any source or system containing water or substance that is not or cannot be approved for human consumption. This includes direct piping between the potable water and recycled water systems, regardless of the presence of valves, backflow prevention devices, or other appurtenances.
CSI	Construction Specifications Institute
Customer or Recycled Water Customer	Owner or agent of the property owner receiving recycled water service.
Disinfected Tertiary Recycled Water	Wastewater that has been oxidized, filtered and subsequently disinfected in accordance with Section 60301.230, Chapter 3 (Water Recycling Criteria), Title 22, California Code of Regulations.
District	Rancho Murieta Community Services District and/or its representative.
Dual Plumbed System	A system that utilizes completely separate piping systems for recycled water and potable water within a facility and where the recycled water is used to either serve plumbing outlets within a building or outdoor landscape irrigation at individual residences.
General Manager	General Manager of the Rancho Murieta Community Services District
Inspector	Any person authorized by the District or local health agencies to perform inspections on or off a Use Area before, during, or after construction and during operation.
Landscape Irrigation	The use of recycled water to irrigate: parks, greenbelts, and playgrounds; school yards; athletic fields; golf courses; cemeteries; residential landscaping, common areas;

	commercial landscaping; industrial landscaping; and freeway, highway, and street landscaping.
Offsite Facilities	Recycled water system up to (e.g., upstream of) and including the Point of Connection (recycled water meter).
Onsite Facilities	User's or Customer's recycled water system located downstream of the Point of Connection.
Point of Connection	The location of the recycled water meter located adjacent to the curb, where downstream is the Customer-owned recycled water line and upstream is the District-owned infrastructure. The Point of Connection is the recycled water meter for residential landscape irrigation which is provided to each residential home served with recycled water by the District.
Record of As-Built Drawings	Engineering plans that correctly show (1) all onsite and/or offsite recycled water facilities as constructed or modified and (2) all potable water and sewage pipelines as constructed or modified.
Recycled Water Permit	The District's written approval or authorization for recycled water service. A Recycled Water Permit may only be issued by the District upon completion of the appropriate District application form, payment of all applicable fees and charges, and compliance with all applicable District ordinances, rules and regulations, as well as local, state, and federal law.
Recycled Water Service Connection	Pipe, valves, and other appurtenances by which recycled water is conveyed from the recycled water main to the premises, and includes the tap, corporation stop, curb stop or shut-off valve, recycled water meter, and valve box.

Regional Board	Central Valley Regional Water Quality Control Board
Runoff	Flow of water along the surface of the ground or other natural or manmade surfaces, including but not limited to, pedestrian walkways, streets, playground surfaces, and grassy slopes. Runoff can be caused by over irrigation or overspray.
Ponding	Retention of piped water on the surface of the ground or manmade surface for a period of time following the cessation of an approved recycled water use activity such that potential hazard to the public health may result. Ponding can be caused by over irrigation.
Site Supervisor	A qualified person designated by the User and approved by the District who shall be responsible for the installation, operation and maintenance of the onsite recycled water facilities, the prevention of Cross-Connection and compliance with the District Standards and other regulations.
Supplemental Water	Potable water used to increase recycled water production in order to satisfy recycled water demands.
User	Any individual or entity issued a Recycled Water Permit by the District. They may be the property owner, tenant, or property manager as appropriate.
Use Area	A site with well-defined boundaries designated, on a District-approved Recycled Water Plan, to receive recycled water.
Violation	Noncompliance with any condition of the Recycled Water Permit by any person, action or occurrence, intentional or unintentional.
Windblown Spray	Dispersed, airborne particles of water transmitted through the air to a location other than that for which the direct application of

	recycled water is approved. Windblown spray can be caused by over spray or irrigating during windy conditions.
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1.3. General Requirements

On July 20, 2011, the District adopted Policy 2011-07 which mandates the use of recycled water for irrigation purposes, wherever economically and physically feasible as determined by the District’s Board of Directors (Board). In general, the lands subject to this policy are defined as future residential parcels located within the District’s service area and existing parks, median landscaping, and commercial landscaping areas. All recycled water systems must be metered separately from the potable water supply system and must have no Cross-Connections to the potable water supply system.

The design of offsite facilities, including the preparation of Contract Documents, is to be prepared under the supervision of a responsible Professional Engineer registered in the State of California. The District shall review and approve Contract Documents prior to construction and shall inspect all public water, sewer, and recycled water pipelines and infrastructure. The design of onsite facilities that will use recycled water for landscape irrigation shall be prepared under the direct supervision of a responsible registered landscape architect or civil engineer in the State of California. Due to the nature of recycled water use requirements, including identification and periodic onsite inspections, the District will provide onsite recycled water permitting and inspection. The recycled water system, including offsite and onsite facilities, shall be separate and independent of any potable water system.

1.3.1. Protection of Public Health and the Environment

The District and regulatory agencies reserve the right to take any action necessary, with respect to the operation of the recycled water system, to safeguard the public health. If real or potential hazards are evidenced any time during construction or operation of the recycled water system serving a particular User, the District reserves the right and has the authority to terminate recycled water service to that particular User immediately, without notice. These hazards include, but are not limited to, Cross-Connections with the potable water system and any other water system, improper tagging, signing, or marking, or unapproved/prohibited uses, including irrigation practices that result in runoff, particularly where such runoff flows to a surface water body.

Application of recycled water to the landscape irrigation Use Areas shall be at reasonable agronomic rates and shall consider soil, climate, and nutrient demand. Application rates shall ensure that a nuisance is not created. Degradation of groundwater, considering soil, climate, and nutrient demand, shall be minimized consistent with applicable provisions of the State of

California's Recycled Water Policy.²

The seasonal nutritive loading of the landscape irrigation Use Areas including the nutritive value of organic and chemical fertilizers and of the recycled water, shall not exceed the nutritive demand of the landscape.

1.3.2. Approved Uses of Recycled Water

Recycled water may be used for a variety of uses approved by the California Department of Public Health (CDPH). In Rancho Murieta, approved recycled water uses are for irrigation of the two local golf courses, Van Vleck Ranch, and in the future, irrigation of parks; greenbelts; playgrounds; athletic fields; residential front and backyard landscaping; common areas; commercial, freeway, highway, and street landscaping; and dust control once approved in a master reclamation permit. Each residential home using recycled water for front and backyard irrigation must obtain a Recycled Water Permit prior to use. The State of California regulates the use of recycled water, as directed under the California Code of Regulations Title 22. The District, Regional Board, and CDPH, at their discretion, can require or specify what sites and/or uses of recycled water are to be utilized in the service area, so long as they comply with State requirements. Sites must use recycled water only for those uses approved by the District, Regional Board, and CDPH.

Certain uses are considered "dual plumbed" and thus, are required to undergo formal testing for Cross-Connection prior to receiving recycled water service and every four years thereafter (minimum) in accordance with Section 60316 (a) of the California Code of Regulations Title 22. Any site using separate piping systems for recycled water and potable water, including single family residences using recycled water for irrigation, is considered to be dual plumbed.

1.3.3. Recycled Water Permit

Each Use Area must obtain a Recycled Water Permit prior to receiving recycled water. Permits will describe the conditions of use, including the requirements that the User follow the rules and regulations of the most recently adopted District Code and the most recently adopted Standards. Typically, these conditions also include construction inspection, Cross-Connection certification, User monitoring and inspection requirements, and a schedule of the hours that recycled water can be utilized. Following Recycled Water Permit issuance, a Use Area may receive recycled water in accordance with the requirements set forth in the Recycled Water Permit. The District has the authority to revoke the Recycled Water Permit at any time or modify it to reflect requirements included in the District master reclamation permit.

If the User is found to be in violation of the Recycled Water Permit, the District has the authority to immediately terminate recycled water service. Alternatively, the District may direct the User to mitigate for these violations. A site inspection will be scheduled after a reasonable mitigation period to ensure compliance. Failure to comply will result in termination of recycled water

² State Water Resources Control Board Resolution Nos. 2009-0011 and 2013-0003.

service.

1.3.4. Procedures for Obtaining Onsite Recycled Water Service

An abbreviated description of the procedures for obtaining landscape irrigation recycled water service is provided below. A more detailed description of these procedures is provided in the next chapter.

1. Attend District-sponsored Recycled Water Orientation.
2. Recycled Water Plan is developed and drawn in accordance with the District's Standards.
3. Three hardcopy sets of Recycled Water Plan, and one electronic version (in District approved software format), are submitted to the District for review and comment; the designer should retain a copy for the User.
4. District staff shall review the Recycled Water Plan; allow up to 15 working days for processing.
 - a. If discrepancies are found, the Recycled Water Plan is returned to the designer and the User is notified by the District. Recycled Water Plan must be revised and corrected by the designer and resubmitted in accordance with Step 2.
 - b. If Recycled Water Plan is approved, the District will mail notification to the designer and User.
5. Construction may begin by one of the contractors listed on the District's Approved Contractor List.
6. Open trench inspection is to be scheduled when irrigation pipe construction is ready. Please call (916) 354-3700 and allow a minimum of 48 hours of advance notice for inspection, excluding Saturdays, Sundays, and District holidays. Each site will be inspected to ensure prevention of any Cross-Connection between the potable and recycled water systems and that the pipeline separations, materials of construction, quality of work products, etc. conform to the standards described in this document. A written certification of open trench inspection shall be issued by the District to those that qualify.
7. Final inspection will be scheduled after the approval of open trench inspection, the landscape construction is completed, and irrigation timers are set. Please call (916) 354-3700 and allow a minimum of 48 hours of advance notice for inspection, excluding Saturdays, Sundays, and District holidays. Either the User or contractor is required to be present during Final Inspection. No facilities shall be connected to the District's recycled water system until the District has performed final testing and has determined that that the new construction is satisfactory.

8. Two hardcopy sets and one electronic version (in District approved software format) of As-Built Recycled Water Plan shall be submitted to the District. Once as-built drawings have been filed and final inspection successfully completed, a certification of final inspection shall be issued in writing by the District along with a Recycled Water Permit. The User may now initiate recycled water service.

1.4. System Responsibilities

The District is responsible for production, distribution, operation, and maintenance of its recycled water system up to the Point of Connection. In addition, the District must conduct periodic Cross-Connection, backflow prevention, and coverage inspections of the recycled water system. The District reserves the right to control and schedule the use of recycled water to maintain acceptable working conditions within the District's recycled water system. These and other recycled water distribution conditions will be administered by the District at its discretion.

It is the responsibility of the User to maintain its recycled water system downstream of the Point of Connection. The User is responsible for ensuring that the recycled water is used on its site according to all the rules and regulations regarding such use. Specifically, the User is responsible for the following:

- Obtaining all permits and payment of all fees required for the establishment, operation and maintenance of the User's recycled water system.
- Ensuring that all materials used during the design, construction and maintenance of the system are approved or recommended for recycled water use.
- Routinely monitoring and inspecting the recycled water system for any situation that may not be in conformance with the regulatory requirements. Problems such as irrigation controller malfunctions, irrigation schedule adjustments, excessive ponding or runoff of recycled water, broken or out-of-adjustment sprinkler heads, etc. must be corrected as soon as they become apparent.
- Maintaining the Use Area's recycled water system downstream of the Point of Connection.
- Reporting all violations and emergencies to the required local governing agencies. A listing of these agencies is provided in Appendix A.
- Obtaining prior written authorization from the District and any required regulatory agency before making any modifications to an approved recycled water system, or the potable water system if it is in close proximity to the recycled water system.

1.5. Applicable Codes, Policies, and Regulatory Requirements

Rules and regulations for the end use of recycled water are established and/or enforced by the Regional Board, CDPH and the local county Health Department. These rules and regulations will be contained in Waste Discharge Requirements (WDR) and a Master Reclamation Permit

(MRP) that will be issued to the District, the Rancho Murieta Country Club, and the Van Vleck Ranching and Resources, Inc. in the future. All Use Areas must be designed, constructed, operated, and maintained to meet the most recently adopted standards of the Federal, State and local governing codes, rules and regulations.

District Code, Chapter 17 (Recycled Water Code) sets forth rules and regulations regarding the use of recycled water in Rancho Murieta. The Recycled Water Standards is defined in the District Code as the document that describes “all procedures, design, work, materials, capacities, facilities and other improvements on recycled water facilities or connections.” Together the Recycled Water Code and Recycled Water Standards establish, and provide the means to enforce, rules and regulations for recycled water users, design and construction of recycled water facilities, and the use of recycled water in accordance with the uniform statewide reclamation criteria.

The Recycled Water Standards have been prepared under the direction of the General Manager and can be updated as rules and regulations change over time through the modification/addition of either the standard details (Chapter 3) or design and construction standards (Chapter 2). As the industry becomes more experienced with recycled water use, there may be changes to existing regulations. These changes may be made without the consent of the User or the District and will be enforced upon their effective date.

This document draws from a number of references concerning the use of recycled water. Of primary importance are the California Code of Regulations Title 22 and Title 17, the California Health and Safety Code, the California Water Code, the Guidelines for Distribution of Nonpotable Water³, and Chapter 16A of the 2010 California Plumbing Code. In the future, this document should be modified to draw upon the regulations contained in the Waste Discharge Requirements (WDR) and Master Reclamation Permit (MRP) issued by the Regional Board. Given that these particular requirements will be developed specifically for Rancho Murieta Users, the WDR and MRP take precedence over general guidelines where differences are noted.

The District does not assume any liability for errors in this document, as codes, laws, statutes and regulations can change without prior approval or knowledge. Within the Rancho Murieta service area, various Users may have site-specific requirements depending on their circumstances, which are usually set forth in their individual Recycled Water Permit. It is the responsibility of the User to check with the District before initiating any changes to their onsite recycled water system.

If any section, subsection, sentence, clause, phrase, part, or portion of these Standards is for any reason held to be invalid or unconstitutional, such invalidity shall not affect any of the remaining portions. These Standards shall be interpreted so as to comply with applicable Federal, State and local laws and regulations.

³ Prepared by the California-Nevada Section of the American Water Works Association, 1992.

1.6. District Jurisdiction

The District is responsible for obtaining a Waste Discharge Requirements and Master Reclamation Permit and approval of plans and inspection of all recycled water systems and Use Areas within its service area. Where repairs, improvements, replacement of a service pipeline on the upstream side of the Point of Connection is required, it shall be the responsibility of the District, unless it is a system upgrade needed to serve a specific User or group of Users, in which case the owner(s) or customer(s) will be billed for the work. Conversely, the cost of repairs or replacement of components downstream of the Point of Connection shall be the responsibility of the User.

1.7. Developer's Engineer's Responsibility

These Standards establish uniform policies and procedures for the design and construction of the District's offsite recycled water system. They are not intended to be a substitute for engineering knowledge, judgment, or experience. These Standards shall be reviewed by the developer's engineer and applied as necessary to a project. Proposed deviations from these Standards shall be submitted to the District for approval, in writing, prior to tentative map and/or development project approval.

All plans, specifications, reports, or documents shall be prepared by a registered civil engineer licensed by the State of California or by a subordinate employee under the licensed civil engineer's direct supervision, and shall be signed and stamped with the civil engineer's seal to indicate responsibility for each plan, specification, report, or document.

A "Reviewed" and/or "Accepted" signature of the District on the plans does not in any way relieve the developer's engineer of responsibility to meet all of the District's requirements. The plans may be revised by change order. However, plans that are signed as being authorized for construction generally will not require revisions based upon subsequent revisions to these Standards, unless in the District's opinion, a change is necessary due to a significant change in the Standards, or unless a developer does not proceed to construction within a reasonable time.

The District will not recommend that a recycled water system or improvement be accepted until all applicable requirements of these Standards have been met. Acceptance by the Board shall be done in total with all other improvements of a development project.

1.8. Landscape Architect / Engineer Responsibility

These Standards establish uniform policies and procedures for the design and construction of onsite recycled water facilities. They are not intended to be a substitute for knowledge, judgment, or experience. The contained procedures shall be reviewed by the landscape architect/engineer and shall be applied as necessary to the project. Proposed deviations to these Standards shall be submitted in writing to the District in conjunction with the Recycled Water Plan review submittal. Plans shall be revised or supplemented at any time if it is determined that the District's requirements have not been met.

The design of the onsite landscape irrigation system shall be prepared by or under the direct supervision of a responsible registered landscape architect or civil engineer in the State of

California. In addition, all landscape architects/civil engineers are required to attend a District-sponsored Recycled Water Orientation every 24 months.

Before design, the landscape architect/civil engineer should obtain the following from the District:

- Approval to use recycled water for the proposed system.
- Verification of locations and size of proposed Point of Connection (recycled water meter).
- Design pressure for the proposed facilities.

1.9. User Liability and Responsibility

The User assumes all liability and responsibility for all phases of construction, operation, and maintenance of the recycled water system downstream of the Point of Connection (onsite facilities), unless such responsibility is otherwise clearly outlined in the Recycled Water Permit. The District is responsible for water quality and operation and maintenance of the recycled water system upstream of the Point of Connection (offsite facilities).

The District shall not be liable for any water or other damage caused by the User due to defective or broken plumbing or faulty service, nor shall the District be liable for damage caused by the User's recycled water system.

All Users are required to have a designated Site Supervisor. Specific Site Supervisor requirements are to:

- Receive training by attending a District-sponsored Recycled Water Orientation or be able to demonstrate knowledge of the application and maintenance of their recycled water system.
- Be aware of, and familiar with, this document.
- Be knowledgeable about the practices and procedures of using recycled water.
- Be available to the District and have the authority to carry out any requirements of the District relating to the onsite recycled water system. At a minimum, the Site Supervisor shall participate in the following inspections:
 - Backflow prevention testing to be conducted annually in accordance with Section 7605 of the California Code of Regulations Title 17.
 - Cross-Connection testing to be conducted every four years and at change of ownership in accordance with Section 60316 (a) of the California Code of Regulations Title 22.

- Coverage testing to be conducted annually to verify that system has not been modified and that the irrigation system is being maintained in the proper manner and that overspray, ponding and runoff are being controlled.
- Be responsible for the installation, operation and maintenance of the recycled water and potable water systems, and for the prevention of potential hazards.
- Maintain irrigation system records.
- Be familiar with the basic concepts of backflow and Cross-Connection prevention, system testing, and related emergency procedures.
- Immediately inform the District of any failures, violations and emergencies so that appropriate measures may be taken.

For single-family residences which have a recycled water service connection, the owner shall be considered to be the Site Supervisor unless otherwise indicated on the application for recycled water service. In the event that someone other than the owner is designated as the Site Supervisor and this person is no longer associated with the property, the owner shall again be considered the Site Supervisor until written notification is made to the District.

1.10. Rates, Fees, and Other Charges

The District shall determine all recycled water rates, fees, and charges concerning recycled water service. These may be changed at the discretion of the District and may be subject to the same, or similar, conservation pricing levels as potable water to encourage the efficient use of this resource. The rates, fees, and charges shall be determined by Board Resolution.

1.11. Recycled Water Infrastructure and Service Areas

Figure 1 shows the existing and planned recycled water distribution systems, most likely residential landscape irrigation Use Areas, location of the Wastewater Reclamation Facility and the approximately alignments of existing and proposed recycled water transmission and distribution pipelines.

2.0 Design and Construction Standards

The recycled water system (both offsite and onsite facilities) shall be completely separate and independent from the potable water system. Cross-Connection between potable water and recycled water facilities is strictly prohibited along with the following:

- Recycled water hose bibs, quick connections, etc. are prohibited.
- Fire hydrants are not allowed to be connected to the recycled water system.
- Spray, mist, or runoff of recycled water shall not enter dwellings, designated outdoor eating areas, or food handling facilities.
- Drinking fountains located within recycled water Use Areas shall be protected from the spray of recycled water in a manner approved by the District prior to construction.
- Recycled water overspray, ponding and runoff will be prevented using Best Management Practices (BMPs) as approved by the District prior to construction.
- Potable and recycled water pipelines shall never be installed in the same trench and shall adhere to specific horizontal and vertical separation requirements.
- Recycled water will not be used for any other purposes except as those approved uses described in Section 1.3.2.

To protect the public water supply system, a double check valve assembly (see RW-27) shall be installed on each potable water service line serving a recycled water customer. Where potable water is served using the recycled water system for a prolonged period of time, the recycled water service line shall also be equipped with a double check valve assembly as well (see RW-23 and RW-24).

Design and construction standards for recycled water facilities have been separated into two categories – offsite and onsite facilities. Offsite recycled water facilities typically consist of those recycled water facilities which are, or will be, owned, operated and maintained by the District such as transmission or distribution mains located in public rights-of-way and relatively large landscape irrigation facilities for greenbelts, parks, common areas, etc. Onsite recycled water facilities typically consist of facilities that will be owned, operated and maintained by a User or Customer, and are located downstream of the recycled water meter or Point of Connection.

2.1 Offsite Recycled Water Facilities

All offsite recycled water facilities, to the extent determined by the District, required to serve specific developments in the District's service area, shall be provided by the applicant, owner, or customer at their expense, unless the District determines it is appropriate to construct these capital facilities. Plans and specifications for all offsite recycled water facilities shall be submitted to and approved by the District in advance of construction.

The District will assume responsibility for providing recycled water service to the Point of Connection of such developments upon title transfer to the District of all offsite recycled water systems and all necessary easements. Easements shall be in a form acceptable to the District and not subject to outstanding obligations to relocate such facilities or any deeds of trust, except as approved by the District.

The property owner, proponent, or developer may request that the District enter into a reimbursement agreement for the portions of a system which are required to be oversized with respect to hydraulic capacity to supply more recycled water than the property owner, proponent or developer requires in accordance with District Code Chapter 17. The decision to enter into a reimbursement agreement shall be made by the District.

2.1.1. Pipe Size and Maximum Velocity

Flow of recycled water in the delivery system may not be constant and may continually vary from no flow to a maximum rate depending on demand and other conditions. Due to these varying conditions, transmission and distribution mains will be subject to cyclic surging. Its magnitude shall be minimized to keep the stress of the pipe, due to water hammer effects, within the design strength of the pipe by limiting the allowable operating velocity of the mains. Recycled water transmission and distribution mains shall be sized in accordance with the District's preliminary design of the expanded recycled water system shown in Figure 1. Variation from this preliminary design will require special permission from the District. Recycled water mains shall be sized based on a peaking factor of 11.5⁴ applied to the annual average recycled water demand rate, and a maximum pipeline velocity of 7 feet per second. Recycled water transmission and distribution mains shall be 6-inches in diameter or greater unless otherwise approved by the District.

Flow and sizing of offsite facilities shall be performed under the direction of the District. Substantiating engineering calculations for demands and pressures shall be prepared on a project-by-project basis. Application of recycled water on landscape areas using spray irrigation shall be typically limited to a period of 10 p.m. to 6 a.m. during irrigation seasons. Recycled water drip irrigation systems may be operated at any time.

2.1.2. Pressure Criteria

The District shall determine residential service pressure requirements and the responsible engineer shall design offsite facilities to meet these requirements. The operating pressure of the offsite recycled water system is anticipated to be in the range of 40 to 200 pounds per square inch (psi).

When reasonable recycled water service pressure is not available, the property owner,

⁴ This peaking factor is based on the irrigation schedule (10 p.m. to 6 a.m.) and 31 percent of the annual average recycled water demand (in acre-ft per day) occurring during the 30-day peak month irrigation demand season.

proponent, or developer is responsible for providing booster pumps to increase the pressure. A pressure regulator located downstream of the recycled water meter shall be installed by the owner, proponent, or developer to maintain the correct pressure for landscape irrigation at all times.

Recycled water pipelines shall be sized to deliver recycled water within the required pressure range at a minimum diameter of 6-inches or larger.

2.1.3. Depth of Pipeline Cover

The top of recycled water transmission pipelines should be a minimum of 36 inches below the finished street grade and one foot lower than potable water pipelines, unless otherwise approved by the District.

Typical water distribution system depths are described in Section SS-93 of the District's Standard Construction Specifications. In general, depths of cover are to range between 30 and 60 inches within roads of from the finished grade of roadway areas, unless specifically shown in Contract Drawings.

For areas that do not have public access or do not contain potable water or sewer pipelines (e.g., conveyance and distribution pipelines serving the Van Vleck Ranch), the recycled water transmission and distribution pipelines may be laid on the ground surface.

2.1.4. Pipeline Separations and Easement Requirements

Offsite recycled water mains shall typically be located in streets a minimum of three (3) feet from the curb face and on the opposite side of the street from the potable water mains. A minimum ten (10) foot horizontal separation and one (1) foot vertical separation shall be maintained at all times between a potable water pipeline and a parallel recycled water pipeline. If the required horizontal separation is not possible, the special construction requirements described in the District's Recycled Water Standard Drawing No. (Standard Detail) RW-3 (see Chapter 3) shall apply.

At crossings of potable water, recycled water, and/or sewer pipelines, pipelines should be located from the ground surface in the order of descending quality, with potable water above recycled water and recycled water above sewer pipelines. The minimum vertical separation should be one (1) foot between outside top and bottom surface of pipes and the full standard pipe length should either be centered over the crossing or the recycled water pipelines is installed in a sleeve which extends a minimum of ten (10) feet on either side of the potable water pipe.

If a one (1) foot vertical separation is not possible, the special construction requirements described in Standard Detail RW-3 apply.

Location within Easement

1. All recycled water mains not located within the public right-of-way shall be provided

within a minimum of a twenty (20) foot wide recycled water easement. In some cases a wider easement may be required; size shall be determined by the District.

2. Where recycled water and sewer mains are located within the same easement, the minimum easement size shall be thirty (30) foot wide.
3. Where potable water, sewer, and recycled water mains are located within the same easement, the minimum easement shall be forty (40) foot wide.
4. Easements shall be easily accessible to District maintenance equipment. Access shall be unobstructed with all-weather driveways.
5. No trees, plantings, structures or building overhang shall be located within the easement.
6. Homeowners who purchase property containing a District easement will be responsible for the maintenance and accessibility of that easement property.

2.1.5. Identification

All new recycled water pipe shall be permanently marked to identify that it contains recycled water by labeling either using purple-colored (Pantone 512) adhesive Mylar PVC tape along the entire length of the pipe or using non-metallic pipe manufactured with purple integral to the material. For either method, the identification system shall be installed so the wording below is clearly visible.

Purple-colored pipe shall be embossed with the words: "CAUTION: RECYCLED WATER -- DO NOT DRINK -- AVISO -- NO ES PARA BEBER" on opposite sides of the pipe and repeated every three feet. Piping must be laid in the trench with wording facing upwards. All marking and coloring shall be durable enough to be easily recognizable and legible for the design life of the pipe.

If tape is used to label the pipe, it shall have black printing on a purple field (Pantone 512 or equivalent) with the words: "CAUTION: RECYCLED WATER -- DO NOT DRINK -- AVISO -- NO ES PARA BEBER" in one (1) inch minimum lettering. The overall width shall be a minimum of three (3) inches. The tape shall be installed on the top of the pipe longitudinally and centered. The tape shall be continuous in its coverage of the pipe and fastened to each pipe section no more than ten (10) feet apart. Taping attached to sections of pipe before being placed in the trench shall have overlaps sufficient for continuous coverage.

When potable water is being supplied to an area which is also being supplied with recycled water, the new potable water transmission or distribution pipelines, including service pipelines, shall also be identified. A color-coded tape, as determined by the District, with the words "Drinking Water Line" shall be fastened directly to the top of the potable water pipe and run continuously the entire length of the pipe. This tape shall be at least three (3) inches in width. The color code for potable water shall be determined by the District to differentiate it from recycled water.

Valve boxes shall be heavy-duty traffic rated and of a size and type designed for the appropriate type and size of valve. Valve boxes for traffic service shall be of precast concrete, and shall have a cast iron triangular face and a cast iron triangular traffic lid. Valve boxes out of traffic areas shall also be of precast concrete, with a cast iron triangular lid. All new recycled water valve covers shall have a recognizable "RW" inscription cast or otherwise permanently marked on the top surface as shown on Standard Detail RW-5. All riser pipes for recycled water valves and blow-off assemblies shall be purple piping.

All new exposed or above-ground equipment, such as valves, blow-off assemblies, and other appurtenances shall be color-coded purple (Pantone 522) and identified using recycled water identification tags. Tags shall be UV resistant and weatherproof plastic, 3-inch by 4-inch, purple in color with the words: "CAUTION: RECYCLED WATER – DO NOT DRINK," on one side and "AVISO -- NO ES PARA BEBER" on the other. Imprinting shall be permanent and black in color. One tag shall be attached to each valve as follows:

1. Attach to valve stem directly or with plastic tie wrap; or
2. Attach to solenoid wire directly or with plastic tie wrap; or
3. Attach to valve cover with existing valve cover bolt.

Where curb and gutter exists, or is to be constructed concurrently with the improvements, the location of each service shall be permanently indicated by stamping the letters "RW" in the curb directly above the pipeline where the service is perpendicular to the street centerline. Otherwise, the "RW" mark for a skewed or angling service shall be placed at a right angle to the end of the service. When recycled water services are installed in street with existing curb, the curb mark shall be placed at the time the service is installed to assure proper location. In new subdivisions when the services are installed before the curb is constructed, it shall be the Contractor's responsibility to establish the exact location of each service and to furnish this information to the curb and gutter subcontractor, if any, in order that he or she may place the "RW" in the curb after it is poured. In no case shall the "RW" be placed more than 6" from the service.

The Contractor shall also furnish this information to the Inspector. The Contractor may arrange with the Consulting Engineer for the subdivision, to resurvey and reestablish the end of each service before the curb and gutter is placed in lieu of the above requirements to insure that the "RW" is properly placed.

Cross-country mains must be isolated with valves in the public right-of-way and must be identified with locating posts at 500 foot intervals, at any angle point, and at the entrances to easements.

All runs of non-metallic recycled water pipe, including services, shall have a No. 10 gauge solid, soft drawn copper wire laid along the pipe to facilitate locating the pipe at a later date once it has been buried. The wire shall be stubbed up inside each valve box, and be placed as shown in the standard details. Continuity testing shall be conducted on each splice at all locations.

2.1.6. Pipeline Materials

Recycled water pipeline materials shall be either polyvinyl chloride (PVC) or ductile iron pipe and comply with the District's Standard Construction Specifications for potable water except as noted below.

A newly installed recycled water main or recycled water main that has been taken out of service for maintenance or repair shall be disinfected and sampled for bacteriological quality in accordance with American Water Works Association Standard C651-02. Samples from new mains shall be negative for coliform bacteria prior to the new mains being placed into service.

2.1.6.1. Certa-Loc Pipe and Fittings

The following material requirements apply specifically to those recycled water Use Areas that do not have public access or contain potable water or sewer pipelines (e.g., recycled water conveyance and distribution pipelines serving the Van Vleck Ranch).

- 6- through 12-inch diameter: SDR 32.5 Mainline Irrigation Pipe
- 4-inch diameter: SDR 21 Mainline Irrigation Pipe
- 3-inch diameter: SDR 17 Mainline Irrigation Pipe
- Fittings (3- through 12-inch): SDR 32.5 Mainline Irrigation and Schedule 80 PVC
- 40 mm K-Line portable lines with 8 sprinklers and pods per distribution line
- Nelson R2000WF Sprinklers
- Nelson Mini Regulator Drain Check Valve

2.1.6.2. Polyvinyl Chloride (PVC) Pipe and Fittings

2.1.6.2.1. PVC Pipe

PVC pipe shall conform to the requirements of AWWA C900, which covers PVC pipe in diameter sizes between four (4) and twelve (12) inches, or AWWA C905, which covers PVC pipe in diameter sizes fourteen (14) inches and larger. Outside diameter shall be manufactured to cast iron pipe equivalent. Each length of pipe shall be clearly marked with the following:

- Nominal size and O.D. base (e.g., 8" cast iron pipe size)
- Material code (e.g., "PVC 1120");
- Dimensional ratio (e.g., DR 14 where DR is equal to outside diameter divided by thickness);
- AWWA pressure class (e.g., PVC 200);

- AWWA designation (e.g., “AWWA C900” or “AWWA C905”);
- Manufacturer’s trade name and production record code, and
- Seal (mark) of testing agency.

The standard laying length shall be twenty (20) feet (plus or minus 1 inch) in all classes and sizes. A maximum of fifteen (15) percent may be furnished in random lengths of not less than ten (10) feet each.

One (1) gasket shall be furnished with each length of elastomeric-gasket bell-end pipe and two (2) gaskets shall be furnished with each coupling where couplings are used.

Pipe surfaces shall be free from nicks, scratches and other blemishes. The joining surfaces shall be free from gouges or other imperfections that might cause leakage.

2.1.6.2.2. Joint Mechanisms

The joints shall be either of the following:

- Integral wall – thickened bell end (bell and spigot with rubber gasket)
- Integral sleeve reinforced bell end
- Elastomeric gasket coupling

PVC solvent cement joints shall not be used on offsite pipelines or fittings.

2.1.6.2.3. Couplings and Fittings

Where couplings are used, they shall meet the requirements of AWWA C900 for PVC pipe sizes less than fourteen (14) inches in diameter or AWWA C905 for PVC pipe sizes fourteen (14) inches in diameter or larger. All testing shall be done by a certified testing laboratory with such testing available for inspection by the District. If requested by the District, the manufacturer shall supply a letter of certification attesting to their pipe meeting these specifications.

All fittings for PVC pipe twelve (12) inches in diameter and smaller shall be ductile iron compact fittings conforming to AWWA C153 Class 350. Fittings for PVC pipe fourteen (14) inches in diameter and greater shall be standard mechanical joint connections conforming to AWWA Standard C110 or restrained to the satisfaction of the District.

2.1.6.2.4. Physical Test Requirements

Inspection and testing by the manufacturer shall be in accordance with AWWA C900 for PVC pipe twelve (12) inches in diameter or less or AWWA C905 for PVC pipe fourteen (14) inches in diameter or larger. All testing shall be done by a certified testing laboratory with such testing available for inspection by the District. If requested by the District, the manufacturer shall supply a letter of certification attesting to their pipe meeting these specifications.

2.1.6.3. Ductile Iron Pipe and Fittings

- Pipe shall conform to AWWA C151 for both quality and strength. Each pipe shall include the letter “DI” or word “DUCTILE” to indicate the pipe material.
- Joints shall be of the rubber gasket push-on type conforming to the requirements of AWWA C111 and being of the “tyton” type designed for a working pressure of 250 to 350 psi.
- Fittings shall conform to AWWA C110.
- Unless otherwise approved by the District, the internal surfaces shall be lined with a uniform thickness of cement mortar and then sealed with a bituminous coating in accordance with AWWA C104. With the approval of the District, ductile iron fittings can be coated with fusion-bonded epoxy in accordance with AWWA C116.
- The outside pipe surface shall be protected with a polyethylene encasement furnished and installed in accordance with AWWA C105.

2.1.6.4. Service Lines

Except for identification (e.g., marking and embossing) service pipelines for recycled water shall confirm to District standard specifications for potable water, SS-89.

2.1.7. Valving

Valves shall be located in the main distribution system to facilitate repair, maintenance, servicing, and extension of the recycled water system. Valves are also used to isolate sections where serious leakage or pipe breakage may occur that may cause property damage and loss of a large volume of recycled water, if not repaired promptly.

Valves shall be located on all branches of the transmission and distribution mains. As a minimum, valves shall be installed on all new recycled water mains within the distribution system as follows:

1. No farther than 1,320 linear feet apart for all mains.
2. At each tee or crossing connection between mains. Valving shall be located within 100 feet of the tee or crossing connection with the primary main.

Dead ends for future expansion shall be provided with a valve and temporary two (2) inch blowoff. All taps to existing recycled water mains shall be provided with tapping valves.

All recycled water valves shall comply with the District’s Standard Construction Specification SS-86 except as noted below:

- All valves shall be located within a valve box as shown in Standard Detail RW-5 and have a recognizable “RW” inscription case or otherwise permanently marked on the top

of the surface.

- Valve box shall be installed over each buried valve stem to aid in locating and operating the valve.
- For valves buried in trenches greater than five feet below finished grade, either a valve stem riser to permit the use of a normal key or a notation on valve records indicating that a long key will be required shall be provided.

All valves and valve boxes shall be raised to grade within forty-eight (48) hours of final paving.

2.1.8. Blow-off Assemblies

In-line and end-of-line blow-off assemblies shall be installed to remove water or sediment from recycled water pipelines. At a minimum, blow-off assemblies shall be installed on low points of the recycled water pipeline; on all permanent dead-end runs, including cul-de-sacs; or at other locations required by the District. Recycled water blow-off drains shall be located within twenty-five (25) feet of sewer manholes. Preferably, recycled water blow-offs shall be aligned in the same traffic lane as the sewer manhole. The pipeline tap for the assembly shall be no closer than eighteen (18) inches from a valve, coupling, joint, or fitting unless it is at the end of the pipeline. The discharge from blow-off assemblies shall be designed to drain into a sewer. Discharge of recycled water to storm drains, natural drainages, water bodies, etc. is restricted.

Wherever possible, the blow-off assemblies shall be installed in the street right-of-way, a minimum distance of three (3) feet from the lip of the gutter. In no case shall the location be such that there is a possibility of back-siphonage into the recycled water distribution system.

See Standard Details RW-6A, RW-6B, RW-7A, and RW-7B for blow-off assembly materials, configurations, and other requirements. Typically, a two (2) inch blow-off assembly can be provided for recycled water pipelines up to twelve (12) inches in diameter, depending on the distance between assemblies. Larger diameter pipelines typically require a four (4) inch or six (6) inch blow-off assembly depending of the pipeline diameter and distance between assemblies.

All below ground appurtenances for blow-off and air and vacuum assemblies shall be consistently color-coded purple (Pantone 522) and marked to differentiate recycled water facilities from potable water and/or wastewater facilities.

Blow-off assemblies shall be installed as shown on Standard Details RW-6A, RW-6B, RW-7A, and RW-7B. The developer/contractor shall locate the blow-off vaults in a suitable location with respect to the adjacent properties. This shall include locating the vaults closer to property lines rather than in the middle of a property where there could be future objections from the property owner. The service line to the assembly shall have a positive grade to prevent the accumulation of air.

Dielectric connections with PVC tape wrap shall be provided at all connections between steel, brass, or bronze.

2.1.9. Combination Air and Vacuum Valves

Air valve assemblies are used to provide adequate ventilation during filling and draining of a pipeline, to permit the release of small quantities of air that would otherwise accumulate at high points in the pipeline, and to protect the pipeline from vacuum pressures caused by surge conditions or a pipe break. The location of air valves are generally determined by the topography of the pipeline system and, accordingly, should be installed at high points and at long downsloping gradients. Air valves should also be installed on the low side of the pipeline. These valves allow for air intake and release from that portion of the pipeline. Combination air and vacuum valves should also be placed down slope of a permanently closed valve separating two different pressure zones.

At a minimum, combination air and vacuum valves shall be placed at high points and/or at other locations required by the District for recycled water pipelines twelve (12) inches in diameter and larger. For recycled water pipelines on very steep slopes and for pipelines twelve (12) inches in diameter and larger, calculations to determine the size of combination air and vacuum valves are required. Air valve assemblies for pipelines twelve (12) inches in diameter and smaller may be excluded if a manual air release is located near the high point. In general, a one (1) inch combination air and vacuum valve, automatic type, is adequate for recycled water pipelines up to twelve (12) inches in diameter.

Combination air and vacuum valves shall be sized for the air evacuation rate associated with maximum recycled water discharge rates at affecting blow-offs in accordance with the valve manufacturer's recommendations. However, in no case may the design differential pressure for air entering the pipeline being greater than 5 psi or the differential pressure which could collapse the pipeline using the factor of safety recommended in AWWA M11. The drawings and specifications must state the design pressure range for each combination air and vacuum valve.

Combination air release assemblies shall be installed as shown on Standard Detail RW-9. The developer/contractor shall locate air release vaults in a suitable location with respect to the adjacent properties. This shall include locating the vaults closer to property lines rather than in the middle of a property where there could be future objections from the property owner. Each new air-release, air vacuum, or combination valve, and any such valve installed shall be:

1. Installed such that its vent opening is above the calculated 100-year flood water level and, if recorded data are available, above the highest recorded water level.
2. Readily accessible for inspection, maintenance, and replacement.
3. Constructed and designed to prevent exposure to rainwater or runoff, vandalism, and birds, insects, rodents, or other animals.
4. Fitted with a downward-facing screened vent or a domed and screened cap.
5. Installed pursuant to American Water Works Association Standard C512-04 and Manual M51 (2001).

Dielectric connections with PVC tape wrap shall be provided at all connections between steel, brass, or bronze.

2.1.10. Design for Proper Flushing

Proper flushing of recycled water transmission and distribution mains and the prevention of sediment buildup are important aspects of the District's maintenance program. Therefore, the following criteria apply:

- Low points in the pipelines shall be eliminated wherever possible to prevent sediment accumulation.
- Piping systems shall be looped wherever possible. Dead-end pipelines may be approved by the District on a case-by-case basis.

2.1.11. Booster Pumping Stations

Booster pumping stations are required to increase the operating pressure downstream of recycled water storage tanks shown in Figure 1. These stations must be clearly identified as recycled water and designed to avoid the release of recycled water in an uncontrolled manner while providing proper drainage of the packing seal water. All pumps used to distribute recycled water shall be capable of automatically shutting down in case of over-current to minimize the potential for recycled water spills. For example, in the event of a pipe failure, the pump will run outside its curve, setting an over-current alarm which will subsequently shut down the pump.

At least one sign must be posted on the booster pump station premises. The signage must be readily seen by all operations personnel that are in the working area (see Standard Detail RW-18). The District may require backflow prevention assembly to protect the recycled water distribution system from back pressure that may be caused by using booster pumps. Any potable water used as seal water for the recycled water pumps must be adequately protected against backflow.

Recycled water booster pumping stations are considered to be specialized facilities. The design of a booster pumping station must be reviewed and approved in writing by the District prior to construction.

2.1.12. Storage Tanks

Storage tanks may be required to supplement recycled water supply during the peak month irrigation season and provide backup supply. Recycled water storage tanks may have a potable water connection for supplementation. In all cases and under all circumstances, an approved air gap separation must be provided between the storage tank and the potable water discharge point (see Standard Detail RW-17). A copy of the proposed air gap assembly plans shall be submitted to the District review and approval prior to construction.

Each recycled water storage tank must be clearly identified as recycled water with the words: "RECYCLED WATER – DO NOT DRINK" as shown in Standard Detail RW-18.

A newly installed recycled water storage tank or recycled water storage tank that has been taken out of service for repair or inspection shall be disinfected and sampled for bacteriological quality in accordance with American water Works Association Standard C652-02. If the results of the bacteriological sampling are positive for coliform bacteria, the storage tank shall be resampled for bacteriological quality and the test results shall be submitted to the Department for review and approval before the storage tank is placed into service.

Where potable water is to be used for makeup to a recycled water storage tank, the flow must be controlled from the remote supervisory control and data acquisition (SCADA) system. Flow and pump run, stop, and/or fail status information, where applicable, must be available at the remote SCADA system. In addition, the water level in each recycled water storage tank must be monitored continuously and made available to the SCADA system.

Recycled water storage tanks are considered to be specialized facilities. The design of a recycled water storage tank must be reviewed and approved in writing by the District prior to construction.

2.1.13. Temporary/Emergency Connections to the Potable Water System

Prior to recycled water being available, potable water will be supplied in lieu of recycled water via the recycled water distribution system and service pipelines until golf course irrigation demands are completely satisfied by recycled water. Once the District has sufficient recycled water supply, all parcels connected to the recycled water system shall accept recycled water. The District shall notify in advance their schedule for furnishing the recycled water subsequent to the applicant's construction.

If, in the opinion of the District an emergency exists, or is threatened to occur, whereby all or a portion of the recycled water system is not available, the District may approve a temporary connection to the potable water system. Such a temporary connection shall be made in accordance with these Standards. The decision to allow temporary service to the potable water system shall be at the sole discretion of the District and the District shall maintain and operate all such connections.

Before such temporary connection is made, the portion where potable water is to be supplied shall be isolated by an air gap separation from the remainder of the recycled water system. This isolation shall occur at either individual services or on the offsite system, as determined by the District. An approved backflow prevention device shall be installed on the potable water lines in accordance all applicable regulations. The emergency connection shall be removed before connection is re-established to the recycled water system. Re-establishment of recycled water service must be inspected and approved by a District inspector prior to resuming delivery of recycled water.

2.1.14. Swivel Ell Connections

When the recycled water supply is temporarily unavailable, potable water may be used as an emergency source of supply. This is acceptable only in cases where there is an unplanned, short-term interruption of recycled water service. No concurrent use of the potable water supply

and the recycled water supply will be allowed. In areas where a storage tank with an appropriate air gap from potable water supplementation is not provided for the recycled water system, a swivel connection could potentially be used to allow augmentation with potable water. The potable water supply must never be directly connected to the recycled water supply. To ensure that this requirement is achieved, a swivel ell connection (see Standard Detail RW-20) could be used on a temporary basis to preclude connecting both water and recycled water sources to the distribution system or Use Area at the same time.

CDPH Policy Memo 2003-03, dated May 7, 2003 describes the requirements for swivel ell connections (see Appendix B). The design, maintenance, and operation of swivel ell connections shall be in compliance with the Policy Memo 2003-03. A copy of the swivel ell connection detail shall be submitted to the District for review and approval.

Swivel ell connections and details are illustrated in Standard Detail RW-20. In an emergency, the swivel ell is switched from the normal recycled water connection to the potable connection. This procedure is reversed once recycled water service is restored. The potable water supply must be protected by a reduce pressure principle backflow preventer. In no case will it be acceptable for the potable supply to be directly connected to a recycled water supply.

2.1.15. Materials, Installation and Testing

All pipe used in the construction of the offsite recycled water system shall be the regular product of a firm which has successfully manufactured comparable pipe for at least 3 years. The District will maintain a listing of approved materials for the various recycled water system components which establish a standard of quality. Materials used shall be limited to those on this listing. Alternative materials may be added to this list upon review and/or testing by the District.

All pipes, valves, fittings and appurtenances shall be installed and tested in accordance with District's Standard Construction Specification SS-93 Water Systems Installation. Recycled water piping shall be tested using potable water with an approved backflow prevention device. Disinfection is not required for recycled water mains unless the pipelines will be temporarily used as a potable water main as determined by the District.

After completion of the testing, the Contractor shall thoroughly flush all water from the pipeline to remove debris from the pipeline in accordance with the District's flushing procedures. The Contractor is responsible for proper disposal of the flush water in a manner that will not cause damage and/or nuisance to the environment and is in compliance with Federal, State, and District regulations.

2.2. Onsite Recycled Water Facilities

Onsite recycled water facilities are defined as those facilities which are owned and operated by private or public entities. All potential onsite uses of recycled water shall be reviewed and approved by the District. If recycled water is to be used, the facilities shall be designed and constructed in accordance with the provisions set forth herein. Where a unique situation exists that is not covered by onsite specifications, offsite specifications may apply as determined by the District in addition to Federal, State, and local regulations regarding recycled use.

Recycled water landscape irrigation areas shall be constructed pursuant to the California State Building Codes otherwise known as the “CalGreen Code” and equipped with District-approved water efficient irrigation controllers and equipment pursuant to the CalGreen Code and be USEPA WaterSense labeled products.

2.2.1. Temporary Potable Water Service

Where recycled water is not immediately available for use when the onsite Use Area is completed, and if the District has determined that recycled water will be supplied in the future, the onsite facilities shall be designated to use recycled water and designed and constructed to the District Standards set forth herein. Provisions shall be made as directed by the District to allow for recycled water service when it becomes available. In the interim, potable water will be supplied to the recycled water facilities through a temporary potable water connection. A backflow prevention device (see Standard Details RW-23 and RW-24), approved by the District, will be required as long as the onsite facilities serve potable water. The backflow prevention device shall be located downstream of the recycled water meter and be a part of the onsite facilities. When recycled water becomes available, the backflow prevention device will be removed by the User, with coordination and approval of the District, and the onsite facility reconnected to the recycled water meter.

2.2.2. Depth of Pipeline Cover and Vertical Separation

On new systems, potable water, recycled water, and sewer pipelines should be located from the ground surface in order of descending quality. Potable water shall be above recycled water which should be above sewer. Minimum vertical separation should be one (1) foot between top and bottom surfaces of crossing pipes. Exceptions to this general rule are as follows:

- On landscape irrigation systems where intermittently pressurized recycled water pipelines (laterals) serve sprinkler heads, crossing potable water pipeline(s) may be placed under the recycled water laterals. No special construction requirements are necessary provided that one (1) foot vertical separation is maintained.
- On sites using pressurized irrigation laterals with valve-in-head sprinklers, crossing potable water pipeline(s) may be placed under the recycled water laterals if additional protection is provided for the potable pipeline. Common practices include sleeving (see Section 2.1.4) or automatic flow control/shut off devices installed and functioning properly on each lateral that crosses a potable pipeline.

Drip lines shall be installed four (4) inches below finished grade unless otherwise specified and approved by the District.

2.2.3. Horizontal Pipe Separations

Recycled water pipelines shall be installed with the greatest possible horizontal separation from potable water pipelines. A ten (10) foot separation of the recycled water pipeline shall be maintained at all times between potable water or sanitary sewer pipelines. If a ten (10) foot separation is not possible, the approval for special construction requirements shall be obtained from the District prior to commencement of construction. In any event, a horizontal separation

less than 4 feet shall not be allowed. Common trench construction shall not be permitted.

2.2.4. Identification

New onsite pipelines shall be identified as recycled water pipes by using a purple color code (Pantone 512) differentiating them from potable water piping. All recycled water valves and appurtenances must also be appropriately labeled.

All subdivisions approved for recycled water use shall be posted with precautionary signs as shown on Standard Detail RW-16.

When converting an existing water service to recycled water usage, the affected water pipelines shall be located and tested in coordination with the District to ensure isolation from the potable water system. All necessary actions will be taken to bring the water pipelines into compliance with these Standards. It is not necessary to provide identification of all existing buried pipelines, unless verification of isolation from the potable water system cannot be confirmed by the Cross-Connection test. Any existing buried pipelines that are uncovered shall be identified prior to use. The existing water facilities must have the approval of the District prior to initiating recycled water service.

The use of purple colored pipe (Pantone 512), with the words "CAUTION: RECYCLED WATER- DO NOT DRINK – AVISO -- NO ES PARA BEBER" embossed or integrally stamped/marked on new pipe is the preferred method of identification. Continuous sleeve is an acceptable alternative to the colored pipe. This warning shall be stamped/marked on opposite sides of the pipe, repeated every three feet.

A continuous polyethylene sleeve shall be installed on all new recycled water pressure and/or non-pressure pipelines if purple colored pipe is not available. A purple sleeve with black lettering stating "CAUTION: RECYCLED WATER-- DO NOT DRINK – AVISO -- NO ES PARA BEBER" shall run continuously the entire length of the pipe. Each sleeve should overlap the next section a minimum of twenty (24) inches and should be secured at each sleeve joint.

All connections, temporary and permanent, to a recycled water system shall be identified in such a manner as to differentiate them from connections to a potable water system.

When potable water is being supplied to an area which is also being supplied with recycled water, new potable water pipelines shall also be identified. A color-coded tape, as determined by the District, with the words "DRINKING WATER LINE" shall be fastened directly on the top of the potable water pipe and run continuously the entire length of the pipe. This tape shall be at least three (3) inches in width. The color code for potable water shall be determined by the District to differentiate it from recycled water.

All backflow prevention devices and gate, manual control, electrical control, and pressure reducing valves for onsite recycled water systems shall be installed below grade in an approved purple valve box. All valve boxes shall have a warning label permanently molded into or affixed onto the lid. A tag reading "CAUTION: RECYCLED WATER-- DO NOT DRINK – AVISO -- NO ES PARA BEBER" shall be installed on each valve or device as shown in Standard Detail RW-

21.

All irrigation rotors, sprays, drip heads, spray heads and drip lines shall be easily recognized as being used in a recycled water system as shown in Standard Detail RW-31. All sprinklers shall be equipped with purple identifier caps or collars.

2.2.5. Pipeline Materials

All onsite irrigation piping materials shall be in accordance with the latest edition of the California Plumbing Code and all other local governing codes except as noted below.

All piping shall be continuously and permanently marked with the manufacturer's name or trademark, nominal size, and schedule or class indicating the pressure rating. All onsite irrigation piping shall be purple PVC pipe in accordance with the requirements specified herein.

The minimum class or schedule of purple PVC piping and fittings shall be as follows:

- PVC constant pressure piping 2 inch diameter and larger: Solvent weld joint, PVC Class 315. PVC pipe shall conform to CSI 256 and ASTM D 2241 in accordance with Section 20 of the County of Sacramento Standard Construction Specifications.
- PVC constant pressure piping 1-1/2 inch diameter and smaller: Solvent weld joint, PVC Schedule 40. PVC pipe shall conform to CSI 256 and ASTM D 2241 in accordance with Section 20 of the County of Sacramento Standard Construction Specifications.
- PVC intermittent pressure piping: Solvent weld joint, PVC Class 200. PVC pipe shall conform to CSI 256 and ASTM D 2241 in accordance with Section 20 of the County of Sacramento Standard Construction Specifications.
- PVC fittings: PVC Schedule 40 solvent weld and factory manufactured or Schedule 40 with rubber-ring joint.

Minimum marking requirements for constant pressure piping in pounds per square inch (psi) at 73 degrees; ASTM designations such as 1785, 2241, 2672, 3139; and printing shall be placed continuously on opposite sides of the pipe.

2.2.6. Service Pressure and Pressure Reducing Valve Requirements

The District's recycled water system is designed to provide recycled water at pressures between 40 (minimum) and 200 psi depending on where the recycled water service connection is located. Landscape irrigation designers should contact the District to determine the pressure available at their specific Point of Connection. Onsite facilities shall include a recycled water pressure reducing valve (PRV) to protect the system against excess pressures that may occur during the daily operations of the District's system. The size of the PRV shall be the same size as the meter that provides recycled water service. The PRV shall be installed immediately downstream of the recycled water meter in accordance with Standard Detail RW-25. Exceptions must be approved in writing by the District prior to installation.

Irrigation operating pressures should be maintained near 30 psi, or per manufacturer's specifications, to eliminate misting and run-off potential.

All recycled water customers shall hold the District harmless from any and all damages and liabilities caused in whole or in part by pressure conditions, recycled water quality variations, or interruptions in service.

2.2.7. Strainers

Depending on the quality of the recycled water and type of storage utilized, strainers may be required at the User's recycled water meter. Strainers of the following types are generally satisfactory:

- Wye Strainers: Not recommended for below ground (in vaults) installations.
- Basket Strainers: Suitable for above or below ground (in vaults) installations.
- Filter Strainers: Normally used above ground on drip irrigation systems.

Strainers are normally the same size as the pipeline and should generally be installed downstream of the meter.

- Before Meter Installation: Installation before the recycled water meter should only be used where protection of the meter as well as the onsite system is necessary, as determined by the District.
- After Meter Installation: Installation may be provided after the meter to benefit the onsite system, and maintenance in this case is the responsibility of the User, not the District. However, it should be determined in advance whether there is a potential for debris in the recycled water that would plug the meter.

Strainers can range in mesh size from 20 to 325. A mesh of 80 is the minimum allowable. An analysis of potential debris will aid in prescribing the optimum size. In order to reduce maintenance requirements, material that will not plug onsite landscape irrigation equipment and spray nozzles should normally be allowed to pass.

2.2.8. Backflow Prevention and Cross-Connection

Backflow prevention devices are not normally required on recycled water systems, but shall be installed for temporary potable water service as described in Section 2.2.1 or on a case-by-case basis as required by the District if a potential for back-siphonage or backpressure of recycled water exists.

Backflow prevention devices are required on potable water connections for all landscape irrigation systems. A double check valve assembly (DC) is required to be installed on the potable water system downstream of the water meter in accordance with Standard Details RW-

23, RW-24, and RW-27 for all residential recycled water customers. Other types of backflow prevention devices, such as reduced pressure principal backflow prevention device (RP) and air gap separations, may be required for other landscape irrigation uses. Regulations governing backflow prevention devices are intended to protect the District's potable water supplies and are not intended to protect users from potential hazards of Cross-Connections in onsite Use Areas.

Backflow prevention devices for potable water supply shall be provided by the User and comply with the current version of the County of Sacramento Standard Construction Specifications (see Section 50-43.25). Provision, installation, maintenance, and inspection of backflow prevention devices shall be the sole responsibility and duty of the User, and at the User's expense. Inspection of backflow prevention devices shall be performed at least once a year in accordance with Title 17 of the California Code of Regulations, or more often in those instances where successive inspections indicated repeated failures.

Provided that the District has personnel who are certified to perform annual testing of the backflow prevention device, upon the User's request, the District will perform the annual testing on a time-and-material basis charged to the User and collectible as any other District fee. Otherwise, the annual backflow testing shall be performed by a certified third party vendor.

2.2.9. Control of Runoff, Ponding, and Overspray in Application Areas

Conditions that directly or indirectly cause runoff or windblown spray to pass outside of approved recycled water Use Areas or cause ponding or overspray of recycled water whether by design, construction practice, or system operation shall be eliminated or controlled to the greatest extent possible through the use of the following Best Management Practices (BMPs):

- Proper design, selection, operation, and maintenance of sprinkler heads.⁴
- Implementation of operations and management plans that provide for detection of leaks, and correction within 72 hours of learning of a leak or prior to the release of 1,000 gallons.⁵
- Refraining from application during precipitation events.⁴
- Management of any impoundment such that no discharge occurs unless the discharge is a result of a 25-year, 24-hour storm event or greater. In the event of an unauthorized discharge, the Executive Officer of the appropriate Regional Board shall be notified in writing within thirty (30) days.⁴

Areas irrigated with recycled water shall be managed to prevent ponding and conditions conducive to the proliferation of mosquitos and other disease vectors, and to avoid creation of a public nuisance or health hazard. The following practices shall be implemented, at a minimum:

⁵ One of the four required Administrator BMPs as required by Recycled Water Specification B. 15 of WQO No. 2009-0006-DWQ

1. Irrigation water must infiltrate completely within a 48-hour period.
2. Ditches receiving irrigation runoff, not serving as wildlife habitat, shall be maintained free of emergent, marginal and floating vegetation.
3. Low-pressure and unpressurized pipelines and ditches that may be accessible to mosquitos shall not be used to store recycled water.

For control of runoff and control of the areas to which recycled water is applied, the design of the irrigation system shall conform to the following:

1. No irrigation with recycled water shall take place within fifty (50) feet of any domestic water supply well unless specific conditions have been met as per Title 22, Section 60310 (a) of the California Code of Regulations.
2. No impoundment of recycled water shall occur within one hundred (100) feet of any domestic water well.
3. In conformance with Title 22 of the California Code of Regulations, all piping and irrigation shall be designed so that spray or runoff shall not enter a dwelling or food handling facility and shall not contact any drinking water fountain. Drinking water fountains shall not be located in landscaped areas irrigated by recycled water spray-type irrigation devices. Concrete patios, walls, shrubbery irrigated by drip or bubbler systems, or other barriers shall be used to physically separate drinking fountains from areas irrigated with recycled water by spray-type devices.
4. All piping and irrigation shall be designed so that spray or runoff shall not enter a pool. A five foot (minimum) setback shall be provided between the edge of a pool and irrigation system using recycled water.
5. Onsite facilities shall be designed not to exceed the evapo-transpiration requirements for the types of plants used, with standard and reasonable allowances for irrigation inefficiencies and storage of moisture in the soil column. The use of automatic weather- or soil moisture-based irrigation system controllers to automatically adjust the amount of applied irrigation water is mandated in accordance with the CalGreen Code.
6. Onsite recycled water facilities shall be designed to prevent discharge of recycled water outside of the designated Use Area. Part circle sprinklers shall be used adjacent to pools, roadways, and property lines to confine the discharge from sprinklers to the Use Area.
7. The design of onsite recycled water irrigation facilities shall provide for watering periods that minimize the potential for human contact. Spray irrigation is prohibited between the hours of 10:00 p.m. and 6:00 a.m. Additional prohibitions shall be as directed by the District.

8. Where practical, drip irrigation and/or bubblers should be used instead of spray irrigation to reduce drift.
9. Recycled water shall not be allowed to escape from the designated Use Areas as surface flow that would either pond and/or enter waters of the State.
10. The peak rate at which recycled water is applied shall not exceed the infiltration rate of the soil. Where varying soil types are present, the design of the peak rate of application of recycled water shall be compatible with the lowest infiltration rate present. Copies of the Applicant's soil test reports shall be made available to the District upon request. No recycled water shall be applied to the irrigation area during periods when soils are saturated.
11. No onsite facilities shall use or install hose bibs or quick connectors on a recycled water system regardless of style, construction, or identifications.
12. Fire hydrants or other connections for fire services shall not be installed on any onsite system.

2.2.10. Prohibitions and Limitations

Design of onsite recycled water residential irrigation facilities shall conform to the following:

1. The recycled water system shall be separate and independent of any potable water system. Cross-Connections between potable water facilities and recycled water facilities are prohibited.
2. Hose bibs or quick connectors on recycled water facilities are prohibited. Where potable water is used onsite, potable water hose bibs must be attached to the house.
3. Patios, swimming pools, spas, etc. shall be protected from the spray of recycled water.
4. Overspray and runoff shall be limited or prevented. Irrigate in a manner that will minimize runoff, pooling, and ponding.
5. Potable and recycled water pipelines must maintain required separation at all times.
6. Recycled water shall not be used for any other purposes other than landscape irrigation.
7. The system shall be designed to irrigate the onsite turf areas within the hours of 10:00 p.m. and 6:00 a.m. Drip systems may operate at any time.

2.2.11. Permit Procedure for Recycled Water Service

Every site where recycled water is to be used for landscape irrigation must obtain a Recycled Water Permit prior to receiving service from the District. Permits will be issued after the applicant has met the following permit requirements:

1. Attendance at District-sponsored Recycled Water Orientation
2. Submission of Application for Recycled Water Permit and Recycled Water Plan
3. Recycled Water Plan preparation and approval by the District
4. Installation of recycled water irrigation system consistent with District Standards
5. District inspection and approval of exposed landscape irrigation system
6. Construction completion and successful completion of District final site inspection including backflow prevention device, coverage, and Cross-Connection testing
7. Submission of as-built Recycled Water Plan

Following Recycled Water Permit issuance, a site may receive recycled water in accordance with these Standards. If the system is found to be inconsistent with these Standards, the District will advise the applicant on corrective actions. A site inspection will be scheduled after a reasonable period to ensure compliance.

2.2.11.1. Recycled Water Orientation

A potential customer must attend an orientation prior to initiating landscape design or installation. This orientation is designed to explain the District's recycled water guidelines, uses, requirements, and the process by which recycled water service can be achieved. Applicants as well as designers and contractors working in dual-plumbed subdivisions are required to attend a District orientation. All designers and contractors are required to attend the orientation every 24 months.

A schedule of the upcoming recycled water orientations will be posted on the District's website.

2.2.11.2. Application of Recycled Water Permit

Applicants meeting the requirements for recycled water service shall file an application for recycled water service with the District on a standard form provided by the District for that purpose (see Appendix C for sample Application for Recycled Water Permit).

The application form shall contain detailed information concerning the application as follows:

1. The name of the property or development that will be irrigated with recycled water.
2. The applicant's relationship to the property for which recycled water service is requested. In cases where the applicant is not the legal owner of the property, the legal owner shall consent to the application on a supplemental notarized form.
3. The address, legal description, and parcel number of the property covered by the application.
4. The proposed use of recycled water within defined designated Use Area on the property.

5. The current source of irrigation water (if any).
6. The estimated service requirements for recycled water (i.e. pressure and flow).
7. The designation of a proposed applicant's Site Supervisor.
8. Any special condition for service pursuant to these Standards.

2.2.11.3. Recycled Water Plan

Completed construction drawings for all recycled water landscape irrigation systems must be submitted to the District for review and approval prior to construction. Each application for a Recycled Water Permit shall be accompanied by three (3) hardcopy sets and one (1) electronic set of the irrigation plan and specifications depicting the proposed onsite landscape irrigation system and Use Area. Plans shall be 8 ½" by 11" or 11" by 17" in size. The design of the onsite landscape irrigation system shall be prepared under the direct supervision of a responsible registered landscape architect or civil engineer in the State of California.

The District will review the submittal and will return one set with a description of the required corrections (if needed) within fifteen (15) working days.

The irrigation plan shall delineate the proposed recycled water Use Area, recycled water meter location, size and type of all recycled water service connections and onsite facilities. The plans shall include the layout of existing and proposed potable water and sewer pipelines and facilities including any areas in which recycled water must be specifically excluded.

2.2.11.3.1. Information on Recycled Water Plans

The following information shall be provided on the plans for every customer applying for recycled water service:

1. Information specified in the standard application form provided by the District for that purpose (see Appendix C for sample Application for Recycled Water Permit)
2. Standard notes as defined below in Section 2.2.11.3.4
3. Recycled water meter size (inch diameter). The size of the recycled water meter serving a premise shall be approved by the District in advance of service. The standard size recycled water meter serving a townhouse lot, or equivalent, shall be a 5/8 inch or 3/4 inch meter, for all other residential lots, it shall be a 3/4 inch or 1 inch meter
4. Irrigated area to be served through the recycled water meter (square feet or acres)
5. Peak flow through the recycled water meter (gpm)
6. Estimate of the yearly recycled water requirement (acre-ft or hundreds of cubic feet)
7. Service pressure required at the recycled water meter as provided by the District in

pounds per square inch (psi)

8. Topographic contours of the Use Area, or if not available, sufficient information to determine elevation differences within the Use Area served by the recycled water meter
9. Direction of overland drainage pattern
10. Location and description of wells (if applicable)
11. Boundary location of 100 year flood plain (if applicable)
12. Vertical and horizontal location of potable water and storm drain pipelines, fire hydrants, pools, drinking fountains, and sanitary sewers within recycled water metered service area

2.2.11.3.2. Information Required for Recycled Water Irrigation Systems

The following information regarding the materials used for the landscape irrigation system shall be included on the Recycled Water Plan:

1. A pipe schedule listing pipe sizes and materials of construction
2. Valve types and/or sizes
3. The following information for each type of sprinkler head:
 - a. Sprinkler radius (feet)
 - b. Operating pressure (psi)
 - c. Flow [gpm or gallons per hour (gph)]
 - d. Sprinkler pattern
 - e. Manufacturer, model number and all pertinent information
4. Drip irrigation information and all pertinent information
5. Estimate of application rate, acres to be irrigated, soil texture and soil infiltration rate, and information on pressure requirement, hourly delivery rate, and the wetting pattern of sprinklers

2.2.11.3.3. Information to Be Called Out On Plans

Exterior drinking fountains, pools, and potable water hose bibs shall be shown and called out on the plans. If no exterior drinking fountains or pools are located in the Use Area, then it shall be explicitly stated on the plans that none exist.

2.2.11.3.4. Standard Notes for Inclusion on Recycled Water Plans

As a minimum, provide the following notes as applicable on the Recycled Water Plan under the heading “*Recycled Water General Notes – Rancho Murieta Community Services District*.”

1. All work shall be done in accordance with Rancho Murieta Community Services District’s Recycled Water Standards and Standard Construction Specifications. The installation of the landscape irrigation recycled water system shall be accomplished under the approval, inspection, and to the satisfaction of the Rancho Murieta Community Services District (District).
2. The District will inspect the construction of recycled water landscape irrigation installations prior to backfilling. The District shall be provided forty-eight (48) hours advance notice, excluding Saturdays, Sundays, and District holidays, of the desired inspection date by the owner or the owner’s representative at (916) 354-3700. In no case shall landscape irrigation pipelines be backfilled before inspection by the District.
3. After installation of the recycled water and potable water service, backflow prevention, Cross-Connection, and coverage tests and final inspection of the irrigation system shall be performed as directed by the District. The Applicant shall arrange with the District for testing and final irrigation system inspection. The District shall be provided forty-eight (48) hours advance notice, excluding Saturdays, Sundays, and District holidays, of the desired inspection date at (916) 354-3700.
4. An annual inspection shall be performed by the District. These inspections may include:
 - a. Site inspection and record check to determine if significant changes to the irrigation system have occurred since the last inspection and establish that the Use Area is still in compliance with the Standards.
 - b. Irrigation system coverage test and functional operation test to verify that the irrigation system is being maintained in the proper manner and that overspray, ponding and runoff are being controlled.
 - c. Verification that Site Supervisor certification is current and that backflow device certifications are also current.
5. The User shall be responsible for providing access to and cooperation with the District inspector to perform all testing and inspections.
6. Recycled water shall not be used for any purpose other than landscape irrigation.
7. There shall be no direct connections between the potable and recycled water systems.
8. Hose bibs and quick connectors are prohibited on the recycled water system. Water used in hose bibs shall be potable water and hose bibs shall be attached to the house.

9. The potable water system shall be protected by a District approved backflow prevention device.
10. The recycled water landscape irrigation system shown on these plans may use potable water until the District makes recycled water available to this site. In these instances, a District approved backflow prevention device has been provided on the recycled water system to protect the potable water system.
11. A minimum of ten (10) feet horizontal separation must be maintained at all times between pressurized recycled and potable water pipelines. A minimum of one (1) foot vertical separation must be maintained at all times between the pressurized recycled and potable water pipelines with the recycled water pipeline below the potable water pipeline. If a pressurized recycled water pipeline must be installed above a potable water pipeline or less than one (1) foot below a potable water pipeline, then the recycled water pipeline shall be installed in a protective sleeve. The sleeve shall extend ten (10) feet from each side of the centerline of the potable water pipeline, for a total of twenty (20) feet.
12. Recycled water piping shall be purple (Pantone 512) and identified as recycled water pipes by continuous marking on opposite sides. The markings shall include the following: "CAUTION: RECYCLED WATER -- DO NOT DRINK -- AVISO -- NO ES PARA BEBER", nominal pipe size, pressure rating, and ASTM and/or AWWA designations. All recycled water piping shall be installed with stenciling oriented toward the top of the trench.
13. All recycled water sprinkler control valves, isolation valves, regulators and other devices shall be tagged. Identification tags shall be weatherproof purple plastic, 3-inches by 4-inches with the words: "CAUTION: RECYCLED WATER -- DO NOT DRINK -- AVISO -- NO ES PARA BEBER". Imprinting shall be permanent and black in color. Use tags manufactured by T. Christy Enterprises or approved equal.
14. All spray heads shall be identified with weatherproof purple plastics rings or equivalent identification. Contractor shall adjust sprinkler heads to prevent overspray onto adjacent hardscapes (e.g., sidewalks, patios, walkways, streets, etc.) or into pools.
15. The hours for sprays irrigation with recycled water shall be from 10:00 p.m. to 6:00 a.m., unless otherwise approved by the District.
16. Failure to comply with any of the District's Standards may result in termination of recycled water and/or potable water service.

2.2.11.4. District Review of Recycled Water Plans

The submission of a Recycled Water Plan is required to ensure that the proposed use of recycled water conforms to the approved uses and Standards. Fifteen (15) working days should typically be allowed for review and processing. If the Recycled Water Plan is approved, the District will mail notification to the designer and Applicant.

Upon approval of the recycled water plan, an open trench inspection may be scheduled by contacting the District at (916) 354-3700. A minimum of forty-eight (48) hours advance notice, excluding Saturdays, Sundays, or District holidays is required.

2.2.11.5. Irrigation System Installation

Upon approval of the Recycled Water Plan, the contractor may proceed with the installation of the proposed irrigation system in accordance with the District's Standards and the approved Recycled Water Plan.

If the landscape irrigation system is installed prior to Recycled Water Plan approval and/or open trench inspection, all or any portion of the system must be exposed and corrected as directed by the District. Failure to comply may result in termination of service as provided for in the District's Water Code (Chapter 14) and Recycled Water Code (Chapter 17).

2.2.11.6. Open Trench Inspection

The District shall conduct an open trench inspection to verify that no Cross-Connection between the recycled and potable water systems exist and that the materials of construction, quality of work products, etc. conform to the Standards. In addition, all dual plumbed residences are required to have the potable water pipeline between the water meter and the home inspected by the District.

A written certification of open trench inspection shall be issued by the District upon successful completion.

Upon approval of the open trench inspection, the final inspection may be scheduled by contacting the District at (916) 354-3700. A minimum of forty-eight (48) hours advance notice, excluding Saturdays, Sundays, or District holidays is required.

2.2.11.7. Complete Installation

Upon successful completion of the open trench inspection, installation of both the potable water and recycled water systems may be completed.

2.2.11.8. Final Inspection

Final inspection may be scheduled following the successful completion of open trench inspection, the landscape construction is completed, and irrigation timers are set. Initially, before activation of recycled water service, and annually thereafter, the District will inspect both the exterior potable and recycled water landscape irrigation systems. Cross-Connection and coverage tests shall be performed as part of final inspection of the recycled water landscape irrigation system. The District will perform a Cross-Connection shutdown test initially, once every four (4) years, and at changes of ownership in accordance with the procedure described in Appendix D. Additional Cross-Connection tests shall be performed by the District if deemed necessary. In the event that a Cross-Connection is discovered, both systems shall be shut down and the recycled water system drained immediately and the following procedure shall be carried out in the presence of the Inspector:

1. The Cross-Connection shall be uncovered and disconnected.
2. The recycled water landscape irrigation system shall be retested in accordance with the procedures described in Appendix D.
3. The potable water system shall be chlorinated with 50 parts per million (ppm) chlorine for 24 hours, minimum.
4. The potable water system shall be flushed after 24 hours, and standard bacteriological tests shall be performed by the Inspector. If test results are acceptable, the potable water system may be recharged.

The irrigation system shall be pressure tested at a minimum of 50 psi above the rating of its pipe class or as required by the District and shall be maintained for a minimum of two (2) hours.

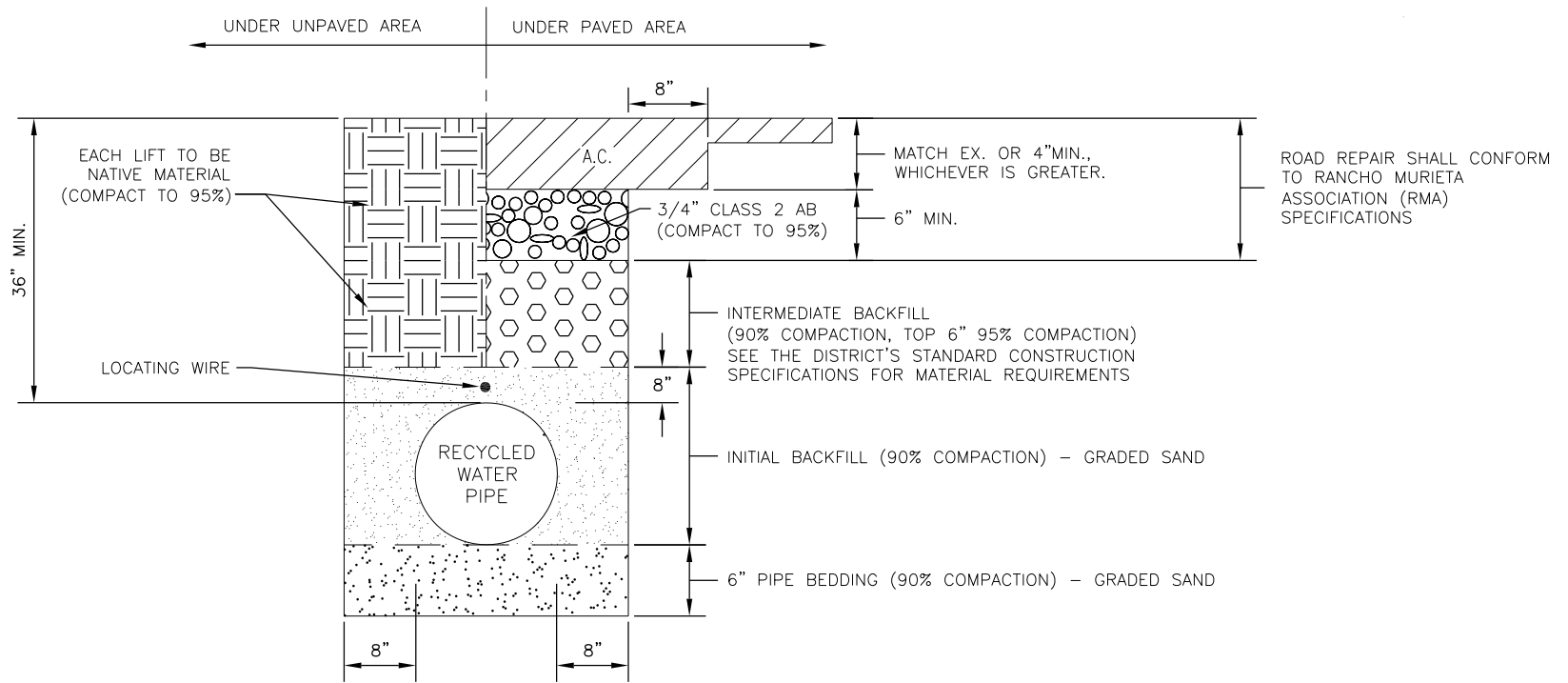
Owners, applicants, or customers shall be responsible for controlling overspray and runoff from recycled water landscape irrigation systems. To ensure that overspray or runoff is in accordance with all federal, state, and local regulations, inspection by District staff prior to recycled water service is required.

The owner, applicant, or customer is responsible for controlling overspray, ponding and runoff of the system. To ensure the limitation of overspray and runoff, an inspection of the completed onsite irrigation system shall be conducted by the District as part of final inspection. The owner or owner's representative must be in attendance and have persons capable of making system adjustments. If modifications to the system are required, other than minor adjustments, the owner will be notified in writing of the changes required. To avoid termination of service, system modifications must be made within 72 hours of learning of a potential recycled water leak or excessive runoff or ponding event, or prior to the release of 1,000 gallons. All modifications to the system are the responsibility of the owner, applicant, or customer and said owner, applicant, or customer shall pay all costs associated with such modifications.

2.2.11.9. As-Built Recycled Water Plans

Record drawings or an as-built Recycled Water Plan shall be prepared and submitted to the District prior to receiving recycled water service. These plans shall correctly show all onsite recycled water, potable water, and sewer facilities as constructed or modified.

3.0 Standard Details



NOTES:

1. SEE DISTRICT DESIGN AND CONSTRUCTION STANDARDS FOR OTHER REQUIREMENTS.
2. ALL PIPING, INCLUDING SERVICE LINES, SHALL BE PURPLE PVC OR SHALL BE INSTALLED WITH PURPLE IDENTIFICATION TAPE SECURED TO PIPE EVERY 10 FEET. PURPLE PVC PIPE TO BE LAID WITH LABEL UP.
3. SEWER, WATER, OR STORM DRAIN UTILITIES ARE NOT PERMITTED WITHIN 10' HORIZONTALLY AND/OR 1' VERTICALLY OF RECYCLED WATER PIPE.
4. INSTALL #10 TRACER WIRE ON ALL APPURTENANCES. SECURE TO PIPE WITH PLASTIC ADHESIVE TAPE EVERY 10 FEET. INSTALL A PULL BOX EVERY 1000 FEET INTERVAL OF TRACING WIRE ALONG THE PIPE MAIN.
5. 6" & 8" DIMENSIONS SHALL INCLUDE DISTANCE BETWEEN PIPE BELL AND TRENCH WALL.
6. PLACE INITIAL SAND BACKFILL TO TOP OF PIPE, SPRAY WITH WATER TO COMPACT. THEN PLACE INITIAL SAND BACKFILL TO AT LEAST 8" ABOVE TOP OF PIPE, SPRAY WITH WATER TO COMPACT. AFTER SPRAYING WITH WATER, USE MECHANICAL COMPACTION METHODS IF NEEDED.
7. COORDINATE COMPACTION TESTS WITH DISTRICT INSPECTORS.
8. JETTING WILL NOT BE ALLOWED FOR COMPACTION OF BACKFILL OR PIPE BEDDING MATERIAL.
9. IN UNPAVED AREAS, PIPE BEDDING MATERIAL, AND INITIAL BACKFILL MATERIALS SHALL BE COMPACTED THE SAME AS IN PAVED AREAS.

RANCHO MURIETA
COMMUNITY SERVICES DISTRICT

TRENCH DETAIL

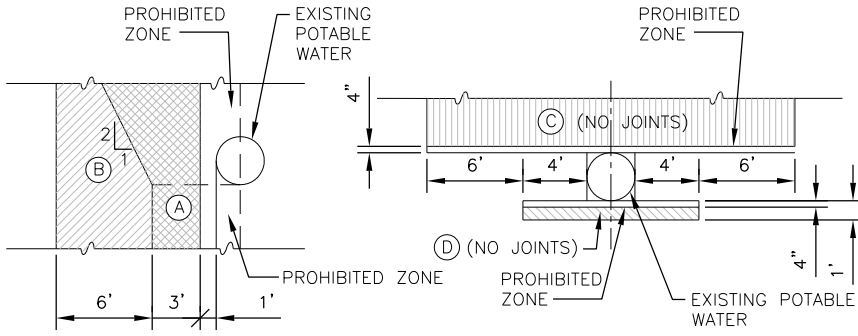
DRAWN BY E. BULLOCK	SCALE NONE	REVISION	DATE	BY	STANDARD DRAWING NO. <i>RW-1</i>
APPROVED K. KENNEDY	DATE 08/19				

RW-2 *Not Used*

BASIC SEPARATION STANDARDS:

1. PARALLEL CONSTRUCTION: THE HORIZONTAL DISTANCE BETWEEN PRESSURE DOMESTIC WATER AND RECYCLED WATER MAINS AND SEWER LINES SHALL BE AT LEAST 10 FEET.
2. PERPENDICULAR CONSTRUCTION (CROSSING): PRESSURE WATER MAINS SHALL BE AT LEAST ONE FOOT ABOVE RECYCLED WATER LINES WHERE THESE PIPELINES MUST CROSS.
3. SPECIAL PROVISIONS: ALTERNATIVE CONSTRUCTION CRITERIA WHERE THE BASIC SEPARATION STANDARDS CANNOT BE ATTAINED ARE SHOWN BELOW:

NEW RECYCLED WATER PIPELINE NEAR EXISTING POTABLE WATER PIPELINE

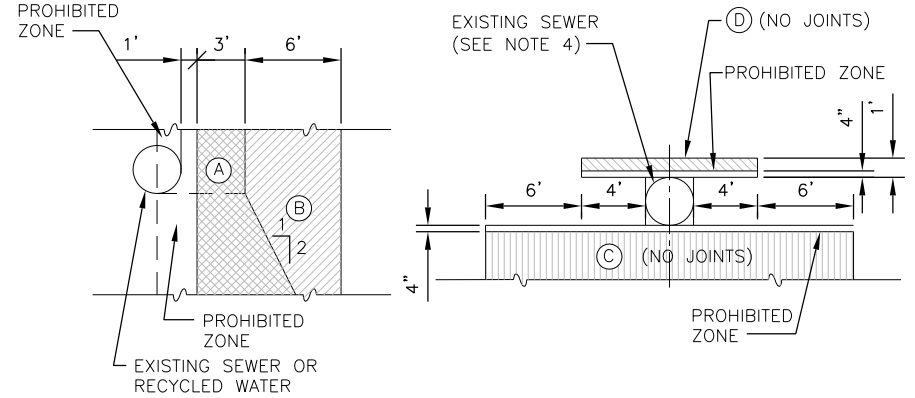


PARALLEL CONSTRUCTION

PERPENDICULAR CROSSING

IF A NEW RECYCLED WATER PIPELINE IS TO BE CONSTRUCTED WITHIN ANY OF THE ABOVE INDICATED ZONES. SPECIAL CONSTRUCTION SHALL BE REQUIRED AS DESCRIBED BELOW.

NEW RECYCLED WATER PIPELINE NEAR EXISTING SEWER AND/OR RECYCLED WATER PIPELINE



PARALLEL CONSTRUCTION

PERPENDICULAR CROSSING

IF A NEW RECYCLED WATER PIPELINE IS TO BE CONSTRUCTED WITHIN ANY OF THE ABOVE INDICATED ZONES. SPECIAL CONSTRUCTION SHALL BE REQUIRED AS DESCRIBED BELOW.

ZONE	REQUIREMENT
①	DO NOT LOCATE ANY PARALLEL RECYCLED WATER LINE IN THE AREA WITHOUT STATE AND LOCAL HEALTH DEPARTMENT APPROVAL
②	USE CLASS 200 D.I.P. OR CLASS 200 P.V.C. - AWWA C900
③	USE D.I.P. OR CLASS 200 P.V.C. - AWWA C900
④	USE D.I.P. OR CLASS 200 P.V.C. - AWWA C900

NOTES:

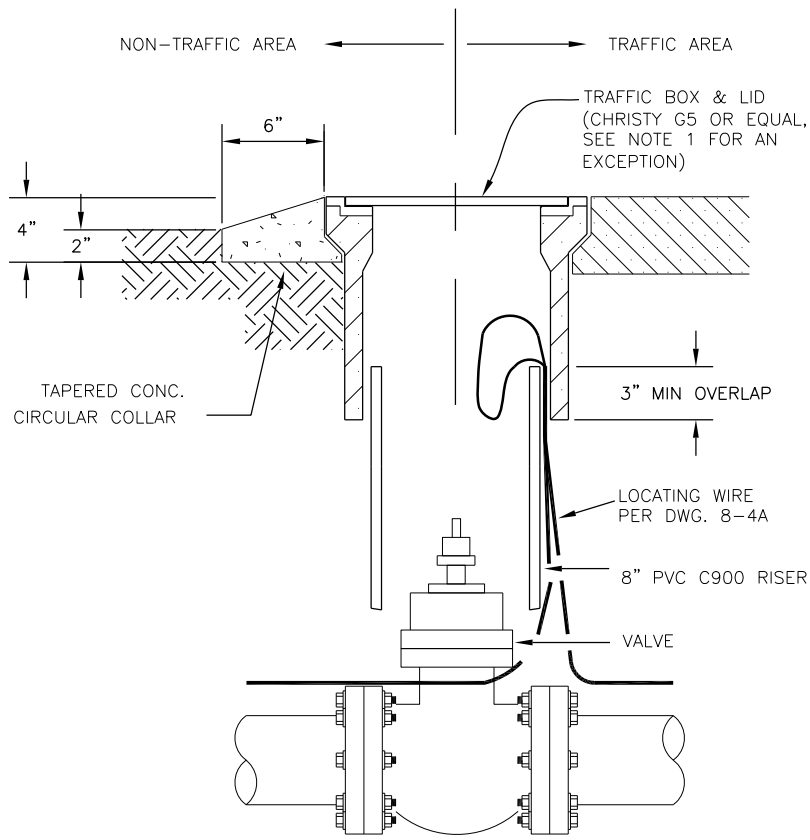
1. NO PIPE JOINTS SHALL BE PERMITTED WITHIN ZONES C AND D.
2. ALL D.I.P. MUST HAVE HOT DIP BITUMINOUS COATING AND ALL CLASS 200 P.V.C. MUST MEET DR-14 PER AWWA C900 OR EQUIVALENT.
3. SEWER FORCE MAINS SHALL NOT BE PERMITTED IN ZONES A THROUGH D.
4. THIS CRITERION DOES NOT APPLY FOR A RECYCLED WATER LINE CROSSING ANOTHER RECYCLED WATER PIPELINE.
5. THE CONSTRUCTION CRITERIA SHOULD APPLY TO THE HOUSE LATERALS THAT CROSS ABOVE A PRESSURE WATER MAIN BUT NOT TO THOSE HOUSE LATERALS THAT CROSS BELOW A PRESSURE WATER MAIN.

**RANCHO MURIETA
COMMUNITY SERVICES DISTRICT**

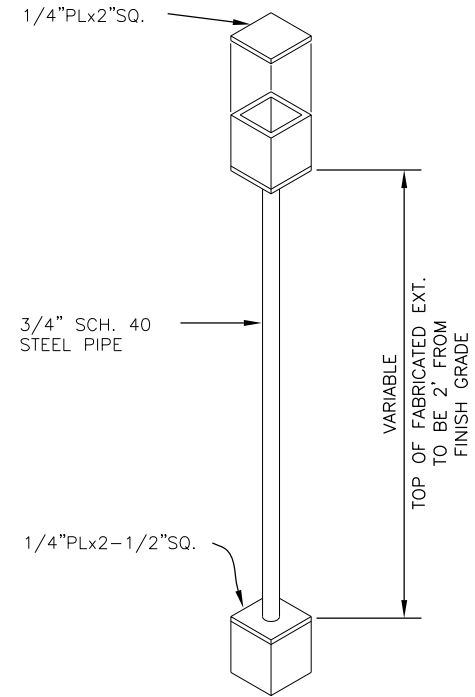
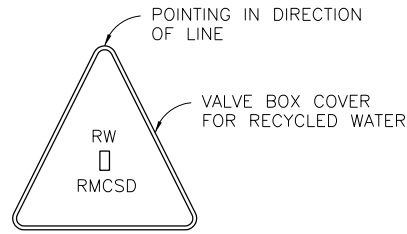
*SEPARATION REQUIREMENTS FOR
RECYCLED WATER PIPELINES*

DRAWN BY V. FELIX	SCALE NTS	REVISION	DATE	BY	STANDARD DRAWING NO. RW-3
APPROVED K. KENNEDY	DATE 08/19				

RW-4 *Not Used*



TRAFFIC VALVE BOX



VALVE OPERATING NUT EXTENSION

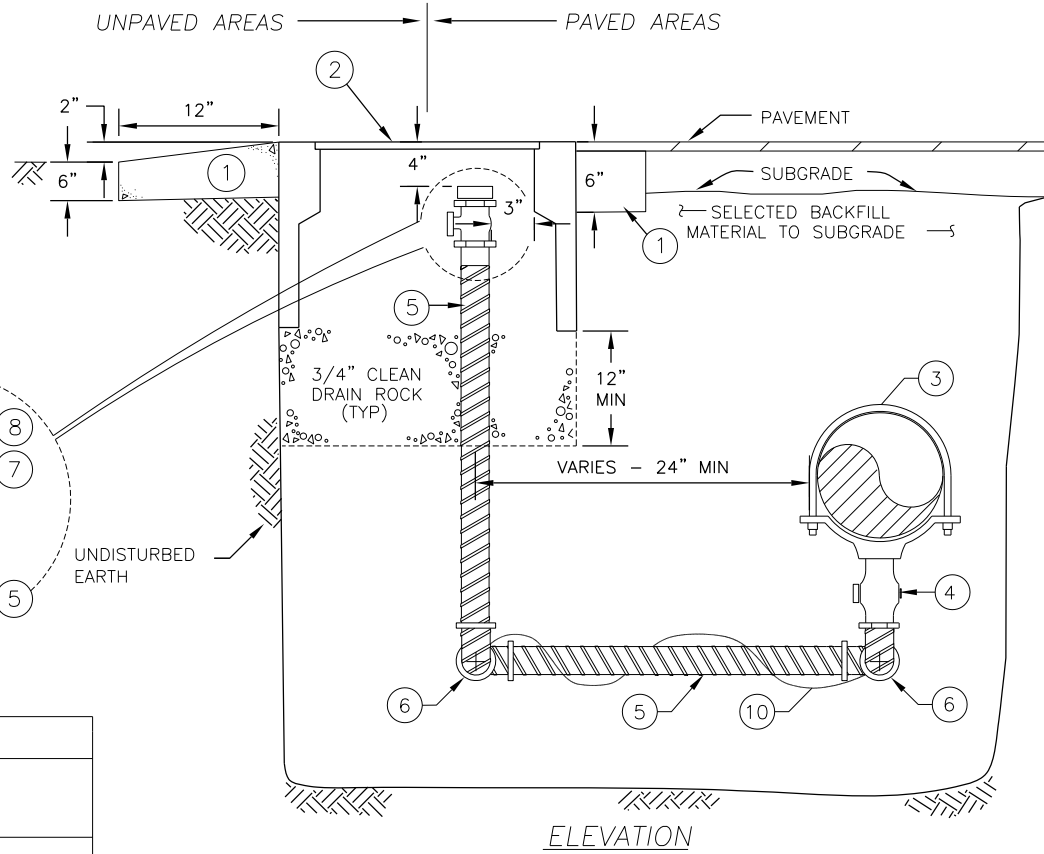
REQUIRED WHERE VALVE NUT IS IN EXCESS OF 10 FEET BELOW FINISH GRADE.

* FINAL AS-BUILT PLANS TO DENOTE LOCATION WHERE INSTALLED.

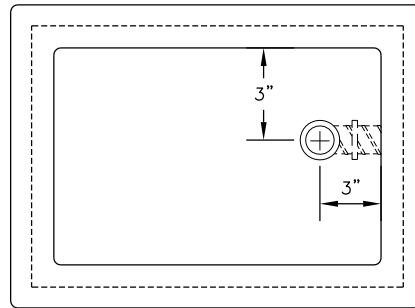
NOTES:

1. VALVE BOX AND RISER SHALL BE SET PLUMB AND CENTERED OVER VALVE NUT.
2. SET VALVE BOX TO FINAL FINISH GRADE. IN AREAS WHERE FINISH GRADE HAS NOT BEEN DEFINED, PLACE 4"x4" LOCATING POST WITHIN 1 FOOT OF VALVE BOX. POST SHALL BE 6 FEET IN LENGTH AND BURIED 3 FEET. PAINT POST PURPLE FOR RECYCLED WATER.
3. RISER PIPE SHALL BE PURPLE FOR RECYCLED WATER.
4. LIDS SHALL BE LABELED WITH CAST OR BEAD WELDED LETTERS: "RECYCLED WATER" FOR RECYCLED AND NONPOTABLE WATER.
5. PAVEMENT TO COMPLY WITH JURISDICTIONAL AGENCY PERMIT CONDITIONS AND SPECIFICATIONS.
6. AS-BUILT PLANS TO SHOW ALL LOCATIONS WHERE VALVE BOXES ARE INSTALLED.

RANCHO MURIETA COMMUNITY SERVICES DISTRICT					
<i>VALVE BOX INSTALLATION</i>					
DRAWN BY E. BULLOCK	SCALE NONE	REVISION	DATE	BY	STANDARD DRAWING NO. <i>RW-5</i>
APPROVED K. KENNEDY	DATE 08/19				



ELEVATION



PLAN

ITEM #	DESCRIPTION
①	6"x6" CONC. COLLAR (PAVED) 6"x12" CONC. COLLAR (UNPAVED)
②	PRECAST CONCRETE METER BOX WITH STEEL COVER MARKED RECYCLED WATER. (SEE RW-5)
③	2" SERVICE SADDLE, AWWA I.P.T.
④	2" CORPORATION STOP, AWWA I.P. INLET x FIP OUTLET
⑤	2" SCH. 40 BRASS OR POLYETHYLENE TUBING TYPE K, DOUBLE WRAPPED WITH 10 MIL. PURPLE PVC TAPE
⑥	"SWING JOINT" 2" 90° ELL & 2" 'STREET 90', AS REQUIRED
⑦	CURB STOP W/ LOCKWING- FIP x FIP
⑧	2" BRASS OR SCHEDULE 80 PVC PLUG
⑨	RECYCLED WATER TAG. (SEE RW-21)
⑩	#10 TRACER WIRE

NOTES

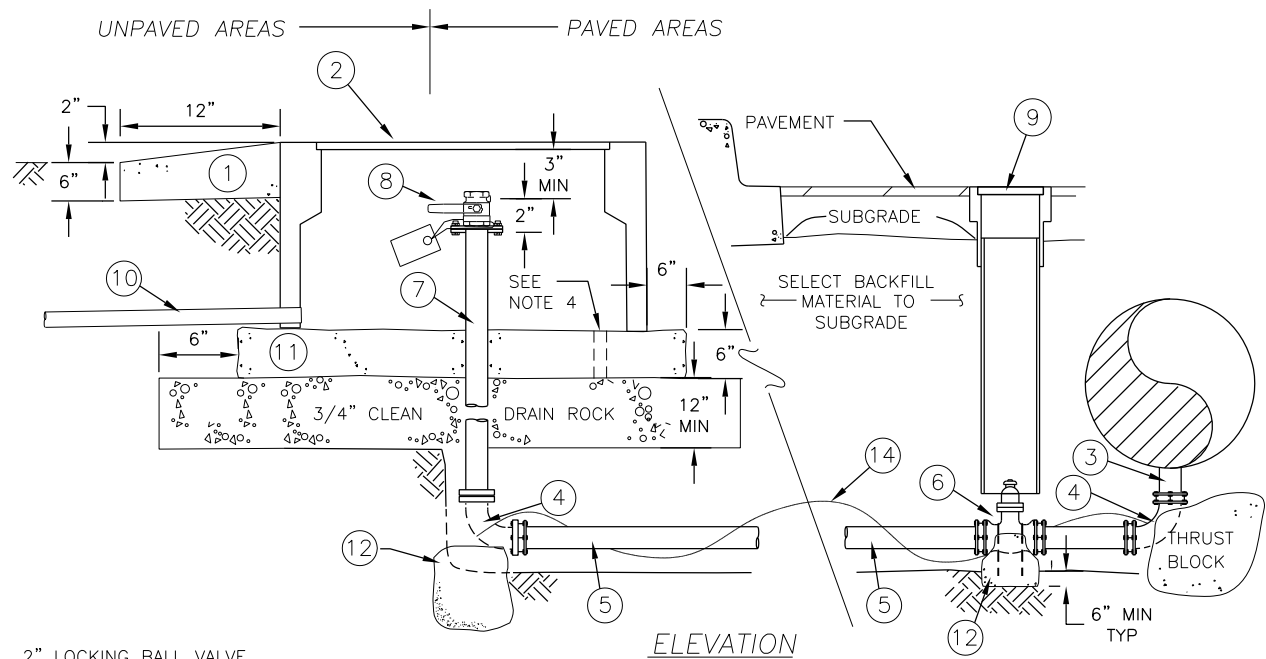
- 2" BLOW-OFFS TO BE INSTALLED ON 8" MAINS AND SMALLER. FOR MAINS LARGER THAN 8", BLOW-OFF SIZE SHALL BE NOTED ON PLAN AND PROFILE.
- BOXES FOR BLOW-OFF ASSEMBLY SHALL BE INSTALLED BEHIND CURB OR BACK OF WALK. BOXES CANNOT BE INSTALLED IN ROADWAY.

RANCHO MURIETA
COMMUNITY SERVICES DISTRICT

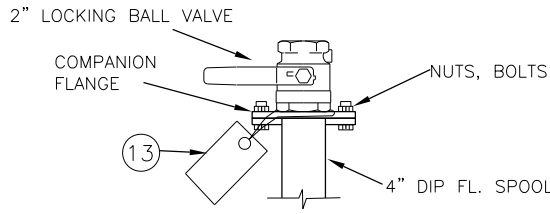
2" BLOW-OFF
VALVE ASSEMBLY

DRAWN BY	SCALE	REVISION	DATE	BY	STANDARD DRAWING NO.
E. BULLOCK	NONE				RW-6A
APPROVED K. KENNEDY	DATE 08/19				

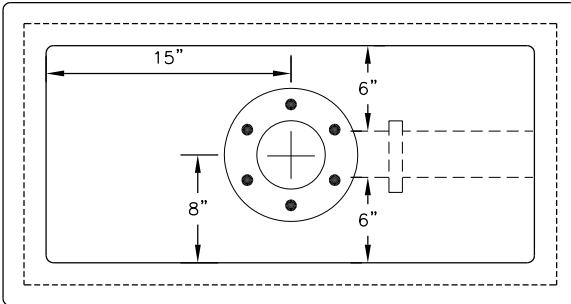
ITEM #	DESCRIPTION
①	6"x6" CONC. COLLAR (PAVED) 6"x12" CONC. COLLAR (UNPAVED)
②	PRECAST CONCRETE UTILITY BOX WITH STEEL COVER MARKED RECYCLED WATER (SEE RW-5)
③	M.J. x FL TEE
④	4" 90° BEND FL x MJ
⑤	4" PIPE, D.I.
⑥	4" M.J. GATE VALVE
⑦	4" D.I.P. FL SPOOL CONTAINED WITHIN A PURPLE SLEEVE
⑧	COMPANION FLANGE, NUTS, BOLTS & 2" LOCKING BALL VALVE
⑨	VALVE BOX PER RW-5
⑩	2" PVC DRAIN LINE TO SEWER. INSTALL WHERE SHOWN.
⑪	CONCRETE SLAB
⑫	THRUST BLOCK PER W-3
⑬	RECYCLED WATER TAG (SEE RW-21)
⑭	#10 TRACER WIRE



ELEVATION



NOTE: CENTER BLOW-OFF IN BOX.

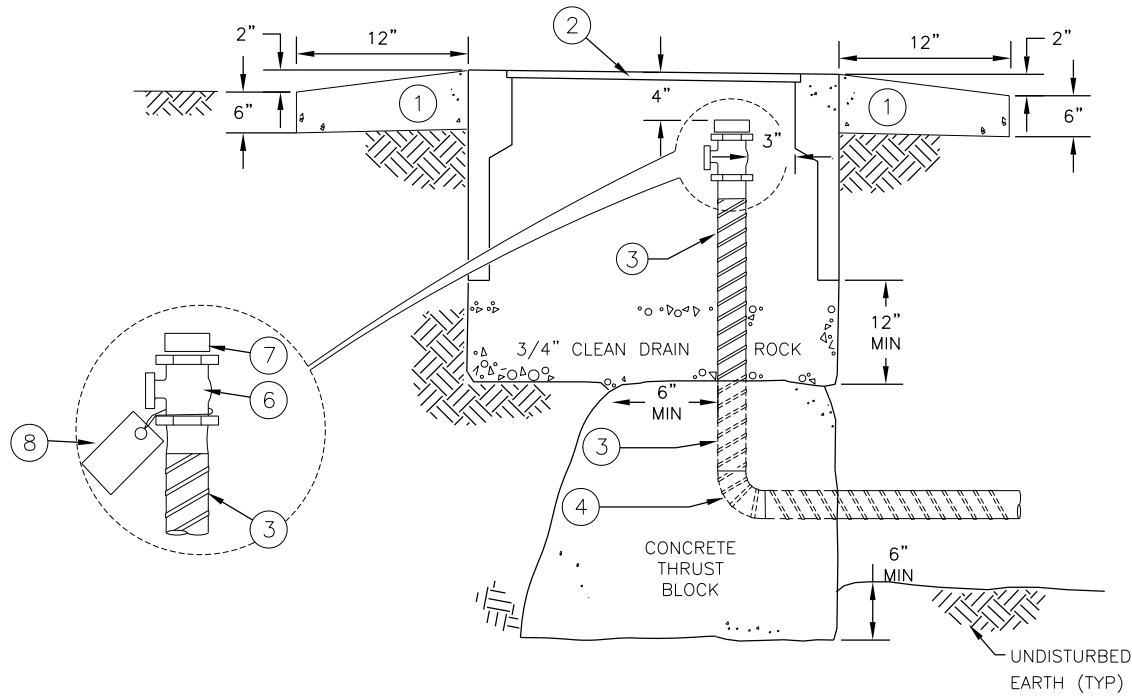


PLAN

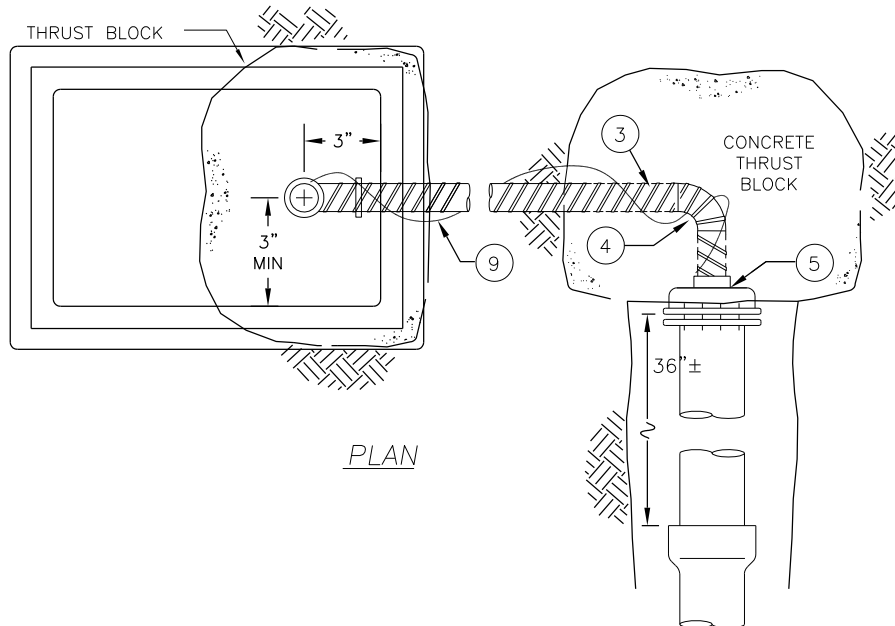
NOTES

- 4" BLOW-OFF TO BE INSTALLED ON 10" MAINS AND LARGER.
- LOCATION OF BLOW-OFF BOX TO BE SHOWN ON PLANS AND FIELD VERIFIED.
- BLOW-OFFS LARGER THAN 4" SHALL HAVE PRIOR DISTRICT APPROVAL.
- 2" DRAIN AND ROCK TO BE INSTALLED ONLY WHEN PVC DRAIN (#10) CANNOT BE INSTALLED, PRIOR DISTRICT AND REGIONAL BOARD APPROVAL REQUIRED.
- BOXES SHALL BE INSTALLED BEHIND CURB OR BACK OF WALK. BOXES CANNOT BE INSTALLED IN ROADWAY.

<p>RANCHO MURIETA COMMUNITY SERVICES DISTRICT</p>					
<p>4" BLOW-OFF VALVE ASSEMBLY</p>					
DRAWN BY E. BULLOCK	SCALE NONE	REVISION	DATE	BY	STANDARD DRAWING NO. RW-6B
APPROVED K. KENNEDY	DATE 08/19				



ELEVATION



PLAN

ITEM #	DESCRIPTION
①	6"x6" CONC. COLLAR (PAVED) 6"x12" CONC. COLLAR (UNPAVED)
②	PRECAST CONCRETE METER BOX WITH STEEL COVER MARKED RECYCLED WATER (SEE RW-5)
③	2" SCH. 40 BRASS OR POLYETHYLENE TUBING TYPE K, DOUBLE WRAPPED WITH 10 MIL. PURPLE PVC TAPE
④	2"-90° THREADED BRASS ELBOW
⑤	M.J. TAPPED CAP
⑥	CURB STOP W/ LOCKWING-- FIP x FIP
⑦	2" BRASS OR SCHEDULE 80 PVC PLUG
⑧	RECYCLED WATER TAG (SEE RW-21)
⑨	#10 TRACER WIRE

NOTES

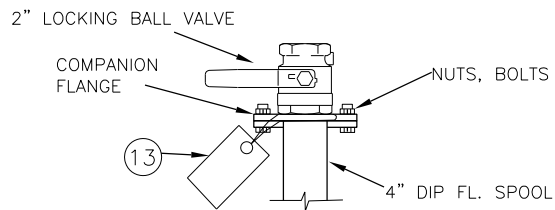
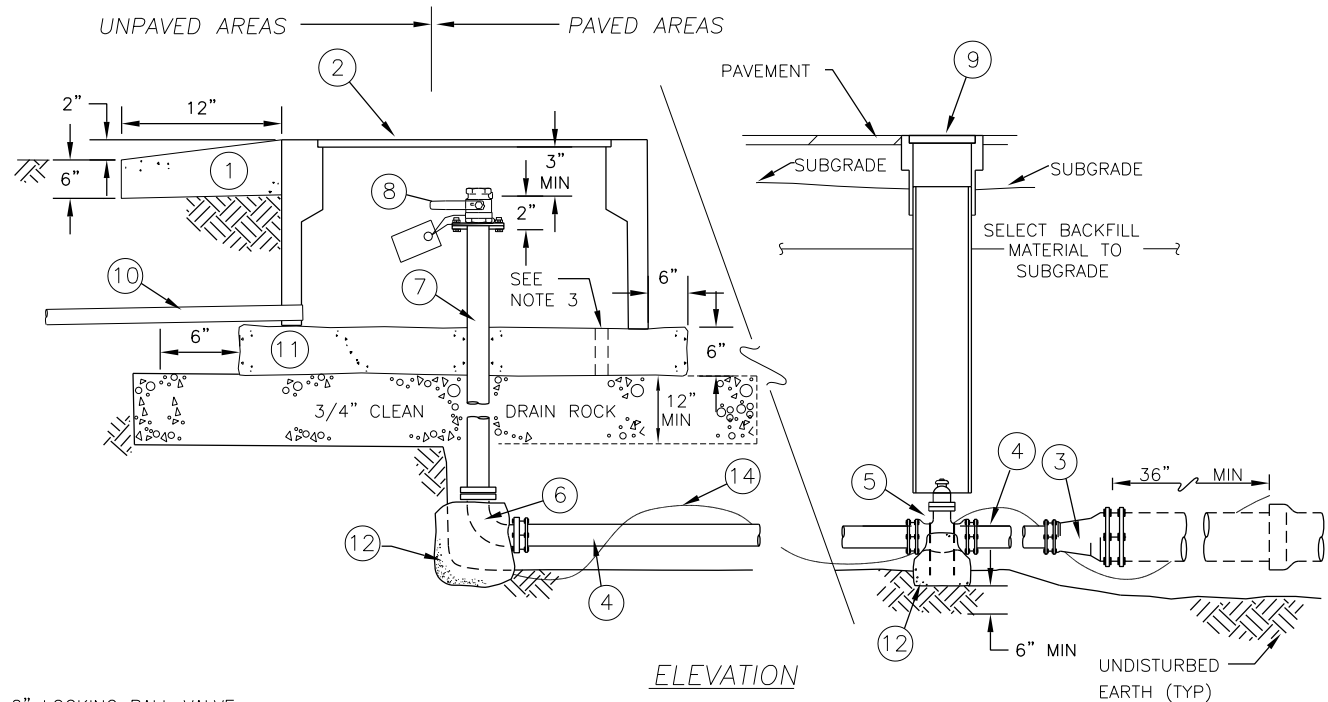
- 2" BLOW-OFFS TO BE INSTALLED ON 8" MAINS AND SMALLER. FOR MAINS LARGER THAN 8", BLOW-OFF SIZE SHALL BE NOTED ON PLAN AND PROFILE.
- BOXES FOR BLOW-OFF ASSEMBLY SHALL BE INSTALLED BEHIND CURB OR BACK OF WALK. BOXES CANNOT BE INSTALLED IN ROADWAY.

RANCHO MURIETA
COMMUNITY SERVICES DISTRICT

2" END OF PIPELINE
BLOW-OFF VALVE ASSEMBLY

DRAWN BY E. BULLOCK	SCALE NONE	REVISION	DATE	BY	STANDARD DRAWING NO. RW-7A
APPROVED K. KENNEDY	DATE 08/19				

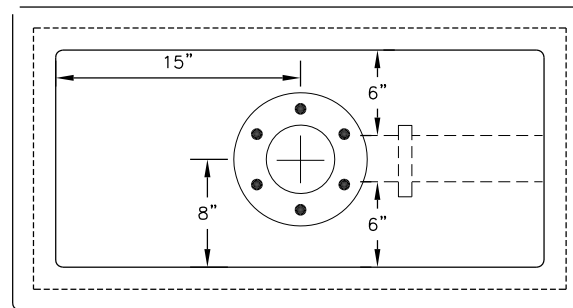
ITEM #	DESCRIPTION
①	6"x6" CONC. COLLAR (PAVED) 6"x12" CONC. COLLAR (UNPAVED)
②	PRECAST CONCRETE UTILITY BOX WITH STEEL COVER MARKED RECYCLED WATER (SEE RW-5)
③	M.J. REDUCER
④	4" PIPE, P.V.C. C-900 OR D.I.
⑤	4" M.J. GATE VALVE
⑥	4" 90° BEND M.J.xFL.
⑦	4" D.I.P. FL. SPOOL CONTAINED WITHIN A PURPLE SLEEVE
⑧	COMPANION FLANGE, NUTS, BOLTS & 2" LOCKING BALL VALVE
⑨	VALVE BOX PER RW-5
⑩	2" PVC DRAIN LINE TO SEWER. INSTALL WHERE SHOWN.
⑪	CONCRETE SLAB
⑫	THRUST BLOCK PER W-3
⑬	RECYCLED WATER TAG (SEE RW-21)
⑭	#10 TRACER WIRE



NOTE: CENTER BLOW-OFF IN BOX.

NOTES

1. LOCATION OF BLOW-OFF BOX TO BE SHOWN ON PLANS AND FIELD VERIFIED.
2. BLOW-OFFS LARGER THAN 4" SHALL HAVE PRIOR DISTRICT APPROVAL.
3. 2" DRAIN AND DRAIN ROCK TO BE INSTALLED ONLY WHEN PVC DRAIN (#10) CANNOT BE INSTALLED. PRIOR DISTRICT AND REGIONAL BOARD APPROVAL REQUIRED.
4. BOXES SHALL BE INSTALLED BEHIND CURB OR OR BACK OF WALK. BOXES CANNOT BE INSTALLED IN ROADWAY.
5. 4" BLOW-OFF TO BE INSTALLED ON 10" MAINS AND LARGER.

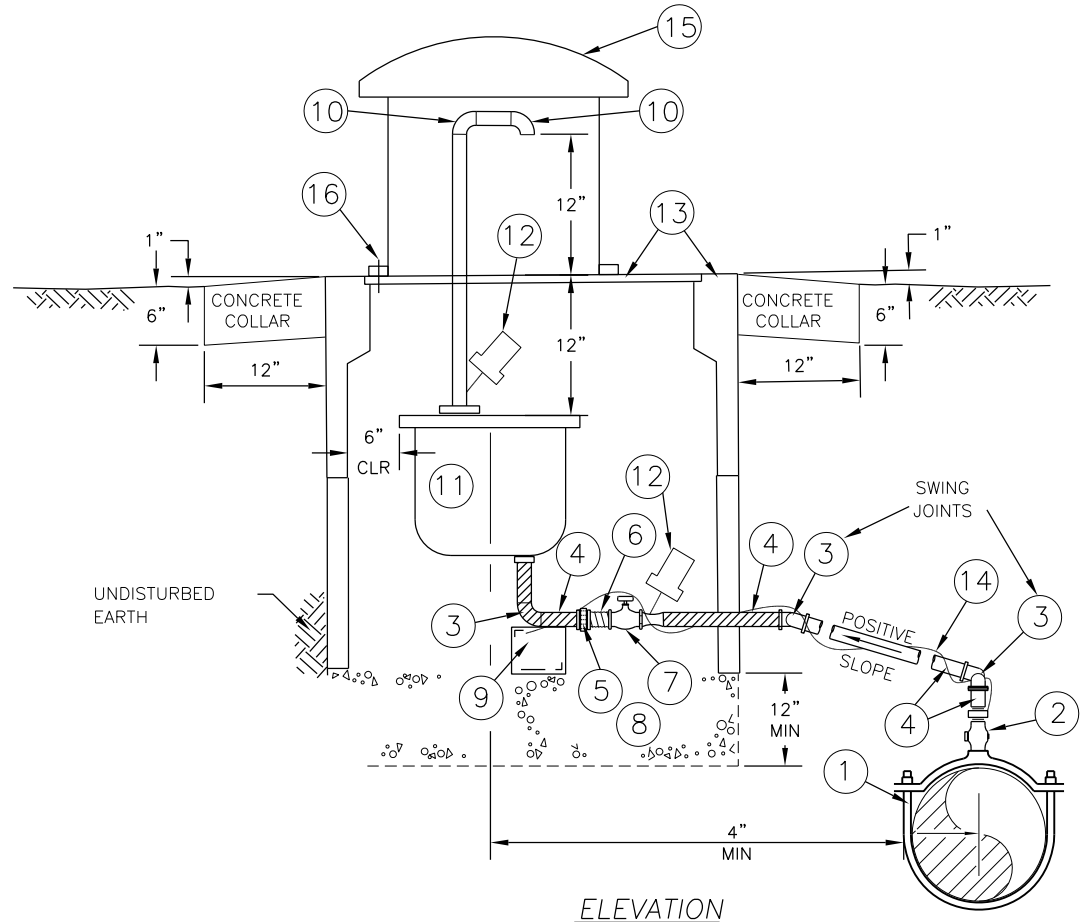


PLAN

RANCHO MURIETA COMMUNITY SERVICES DISTRICT					
<i>4" END OF PIPELINE BLOW-OFF VALVE ASSEMBLY</i>					
DRAWN BY E. BULLOCK	SCALE NONE	REVISION	DATE	BY	STANDARD DRAWING NO.
APPROVED K. KENNEDY	DATE 08/19				RW-7B

RW-8 *Not Used*

ITEM #	DESCRIPTION
①	BRASS SERVICE SADDLE
②	BRASS CORPORATION STOP AWWA I.P.T. x F.I.P.
③	FITTINGS SAME AS PIPE MATERIAL
④	SCH 40 BRASS W/PVC TAPE 20 MIL DOUBLE WRAP AND PURPLE SLEEVE
⑤	BRASS UNION
⑥	BRASS NIPPLE
⑦	BRASS BALL VALVE F.I.P. x F.I.P.
⑧	3/4" CLEAN DRAIN ROCK
⑨	SUPPORT BLOCK, BRICK
⑩	STREET ELBOW
⑪	COMBINATION AIR RELEASE/VACCUUM VALVE UNLESS OTHERWISE SPECIFIED ON PLANS
⑫	RECYCLED WATER TAG (SEE RW-21)
⑬	CONC. BOX & STEEL LID, SEE NOTE 6
⑭	#10 TRACER WIRE
⑮	PLACER WATER WORKS PW/AV 18-S OR EQUAL
⑯	ANCHOR BOLT



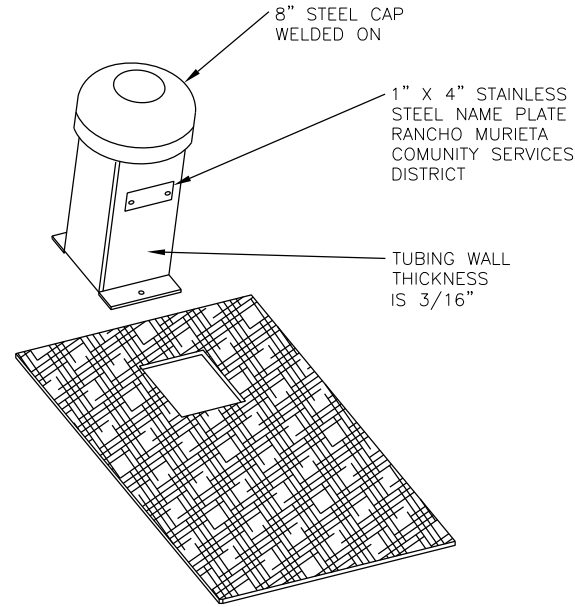
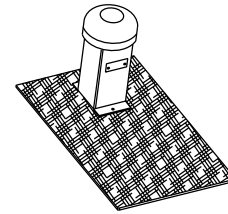
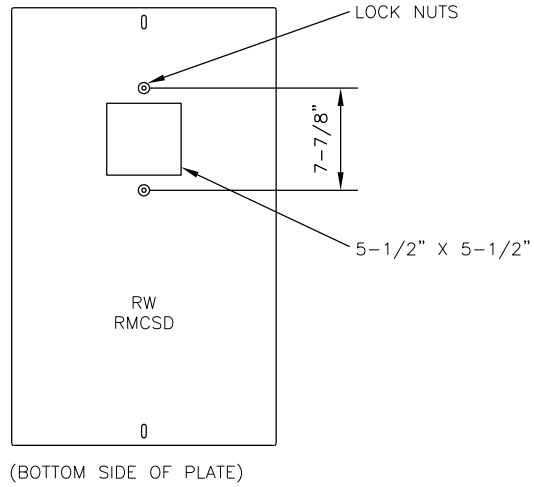
NOTES

1. SIZE OF PIPING SHALL MATCH SIZE OF AIR VALVE.
2. ENGINEER TO SPECIFY TYPE & SIZE OF VALVE.
3. AIR VALVES LARGER THAN 2" SHALL BE BY SPECIAL DESIGN.
4. AIR VALVE SHALL BE PLACED OUTSIDE OF TRAFFIC AREAS.
5. CENTER VALVE IN LONGITUDINAL DIRECTION IN BOX.
6. B36 FOR 1" ARV, B40 FOR 2" ARV, MARKED RECYCLED WATER ON LID. SEE RW-5.

RANCHO MURIETA
COMMUNITY SERVICES DISTRICT

COMBINATION AIR RELEASE
AND VACCUUM VALVE INSTALLATION

DRAWN BY	SCALE	REVISION	DATE	BY	STANDARD DRAWING NO.
E.BULLOVK	NONE				RW-9
APPROVED	DATE				
K. KENNEDY	08/19				



CAT# PWAE118M	16-3/8" X 27" X 1/4"
CAT# PWAE218M	20-1/4" X 33-1/4" X 3/8"

NOTES:

1. VALVE COVER TO BE PLACER WATERWORKS NO. PWAE118M/PWAE218M, OR APPROVED EQUAL.
2. CLEAN INTERIOR AND EXTERIOR OF STEEL WITH DEVPREP 88 METAL CLEANER, OR APPROVED EQUAL WATER-BASED CLEANER.
3. APPLY PRIMER 2-3 MILLS THICK WITH TWO PART EPOXY PRIMER 224HS CATALYZED POLYAMID EPOXY PRIMER (PURPLE PANTONE 512) OR APPROVED EQUAL PRIMER.
4. APPLY ALIPHATIC URETHANE FINISH TOP COAT OF DEVTANE 379, OR APPROVED EQUAL FINISH.
5. VALVE COVER TO BE PAINTED PURPLE PANTONE 512.

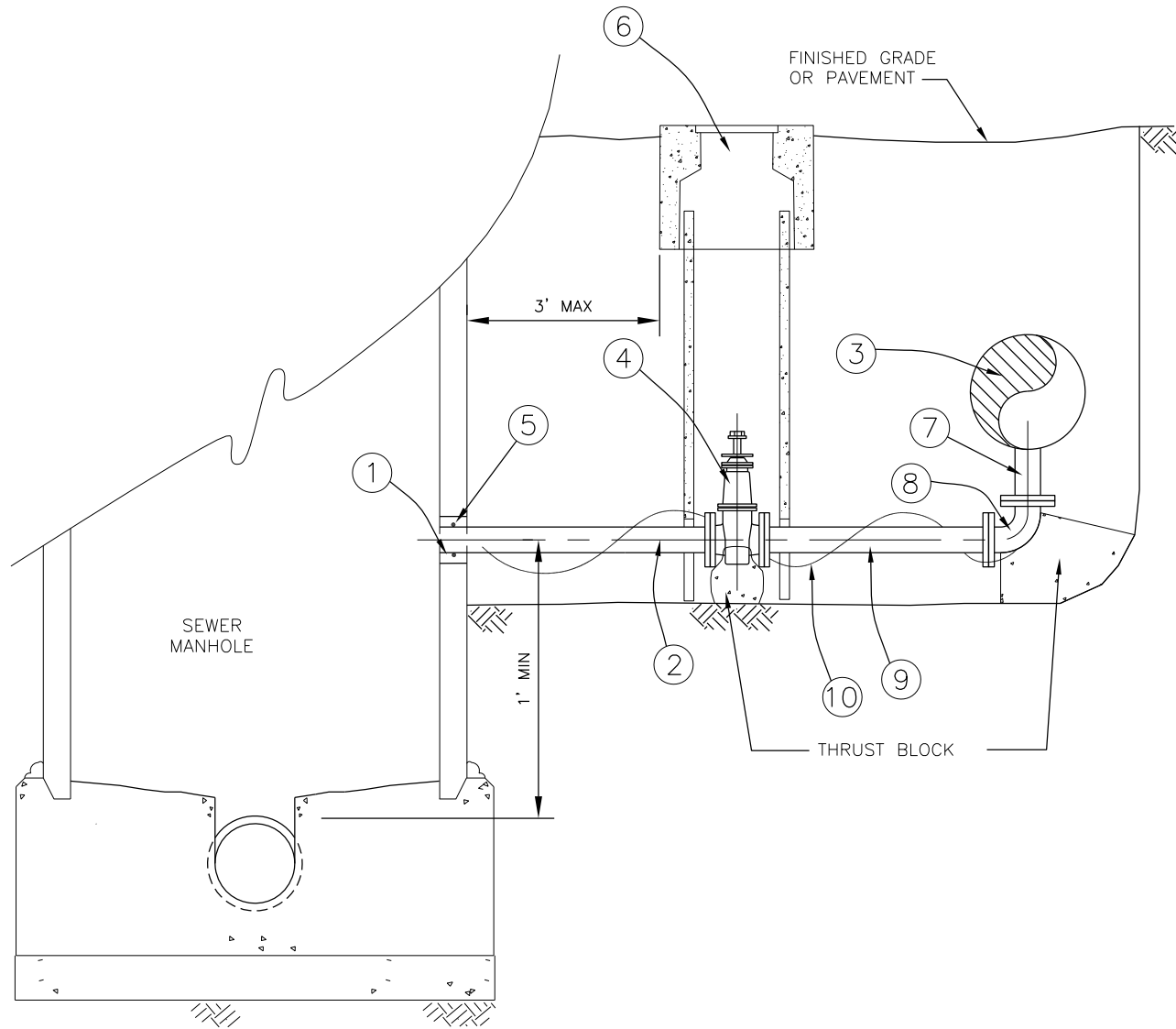
**RANCHO MURIETA
COMMUNITY SERVICES DISTRICT**

AIR RELEASE & VACUUM RELIEF

DRAWN BY E. BULLOCK	SCALE NONE	REVISION	DATE	BY	STANDARD DRAWING NO. <i>RW-10</i>
APPROVED K. KENNEDY	DATE 08/19				

RW-11 *Not Used*

RW-12 *Not Used*



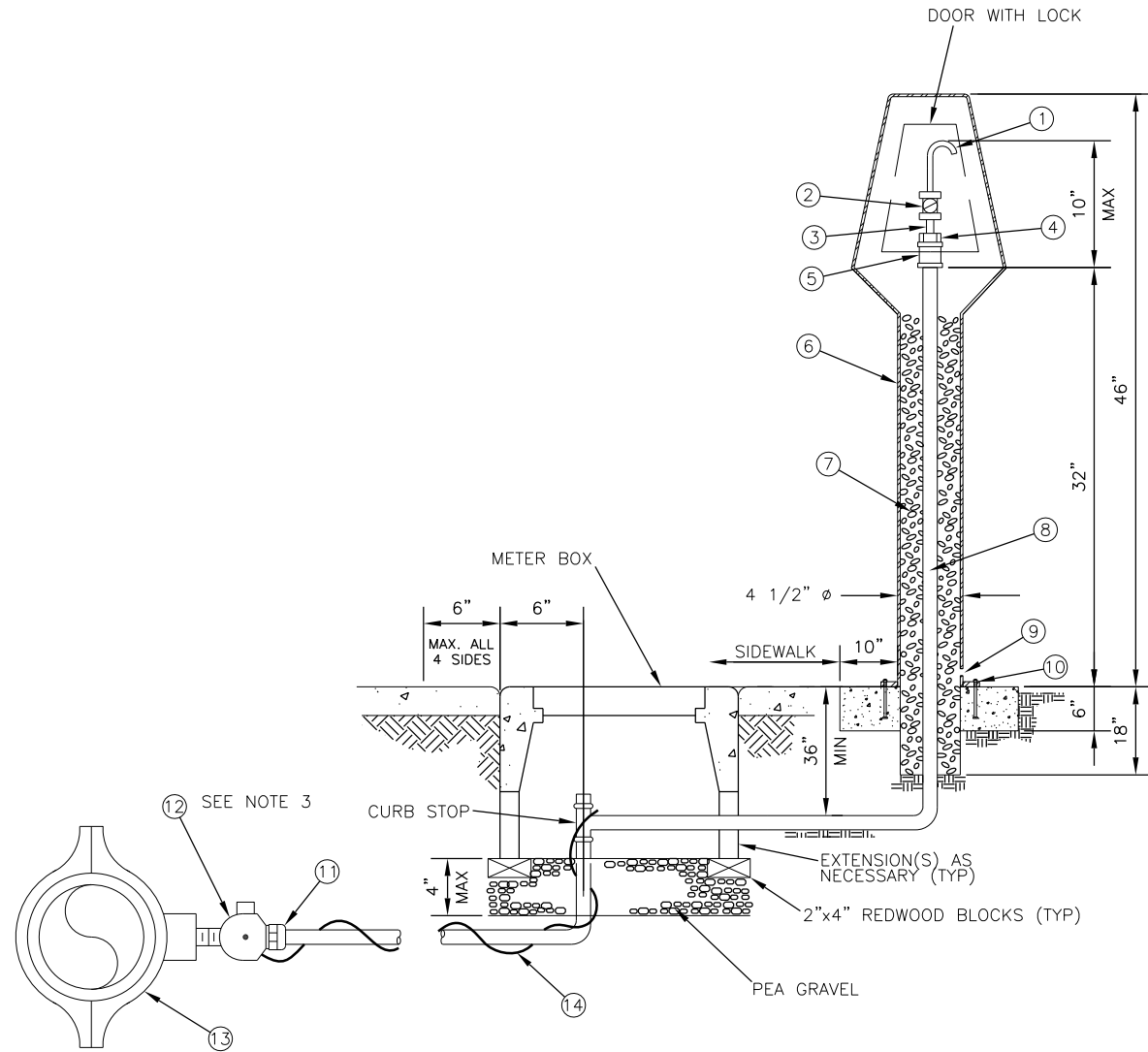
PLAN

ITEM #	DESCRIPTION
①	NON-SHRINK GROUT
②	4" PURPLE PVC PIPE, C-900
③	RECYCLED WATER MAIN
④	4" GATE VALVE FLxM.J
⑤	O-RING GASKET
⑥	VALVE BOX MARKED RECYCLED WATER FLUSH N/C SEE RW-5
⑦	M.J.xM.J.xFL TEE
⑧	4" D.I. 90° BEND FLxFL
⑨	4" D.I. SPOOL - FLxFL IN PURPLE SLEEVE
⑩	#10 TRACER LINE

RANCHO MURIETA
COMMUNITY SERVICES DISTRICT

FLUSHING CONNECTION

DRAWN BY E.BULLOCK	SCALE NONE	REVISION	DATE	BY	STANDARD DRAWING NO. <i>RW-13</i>
APPROVED K.KENNEDY	DATE 08/19				



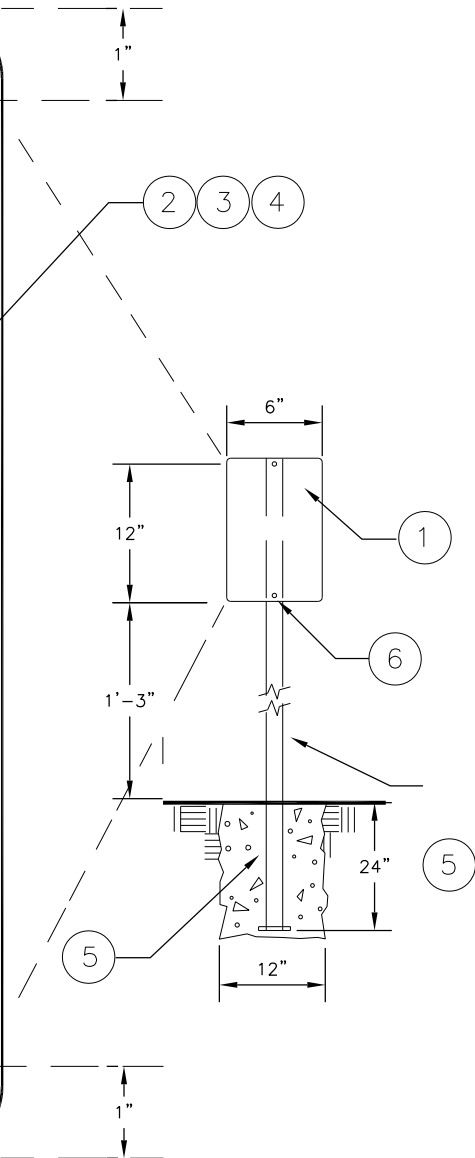
ITEM	DESCRIPTION
1.	3/8" STAINLESS GOOSE NECK
2.	1/2" x 3/8" STAINLESS VALVE
3.	1/2" POLYETHYLENE TUBING
4.	1" x 1/2" BRASS BUSHING
5.	1" STRAIGHT BRASS COUPLING
6.	POWDER COATED EPOXY STEEL HOUSING
7.	PEA GRAVEL
8.	1" COPPER TUBING
9.	1/2"Ø WEEP HOLE
10.	ANCHOR BOLT
11.	FLARE FITTING OR COMPRESSION JOINT
12.	CORPORATION STOP (MUELLER 300 SERIES OR EQUAL)
13.	SERVICE SADDLE - BRONZE (ROCKWELL 323, MUELLER 16100 OR APPROVED EQUAL)
14.	TW #10 TRACER WIRE

NOTES:

- GRIND ALL CUTS SMOOTH
- PROVIDE NECESSARY CLEARANCE TO ALLOW HASP TO SHUT. LOCKS TO BE KEYED TO DISTRICT KEY.
- MINIMUM COVER FOR THE SERVICE LINE SHALL BE 36 INCHES.
- MINIMUM BENDING RADIUS FOR THE POLYETHYLENE TUBING SHALL BE 8 INCHES.
- SERVICE LINE SHALL REST ON UNDISTURBED EARTH.

RANCHO MURIETA					
COMMUNITY SERVICES DISTRICT					
SAMPLE STATION					
DRAWN BY E.BULLOCK	SCALE NONE	REVISION	DATE	BY	STANDARD DRAWING NO. <i>RW-14</i>
APPROVED K. KENNEDY	DATE 08/19				

RW-15 *Not Used*



NOTES:

1. 6"x 12" ALUMINUM SHEET ALLOY 6061-T6 0.080" GAUGE, ROUNDED CORNERS (1" RADIUS).
2. LETTER HEIGHT & SYMBOL SIZE SHALL BE PROPORTIONAL TO SIGN SIZE.
3. THE BACKGROUND SHALL BE WHITE. THE LETTERING SHALL BE PURPLE. DISTRICT SYMBOL AND LETTERING SHALL BE BLUE.
4. LETTERING AND SYMBOL SHALL BE PRESSURE SENSITIVE VINYL. CLEAR COAT ENTIRE SIGN ONCE LETTERING AND SYMBOLS ARE ATTACHED.
5. 1"x1" SQUARE STEEL POST PAINTED WHITE TO MATCH SIGN BACKGROUND. CAP OFF POST AND FINISH CLEAN. PROVIDE REBAR AT END FOR CONCRETE INSTALLATION AT 24 INCH DEPTH.
6. 5/16"Ø x 4-1/2" ZINC PLATED CARRIAGE BOLT WITH VANDAL PROOF NUTS. PAINT WHITE TO MATCH SIGN.

WHEN MOUNTING ON WALLS OR CHAIN LINK FENCE, PROVIDE 1/4 INCH HOLES IN ALL FOUR CORNERS.

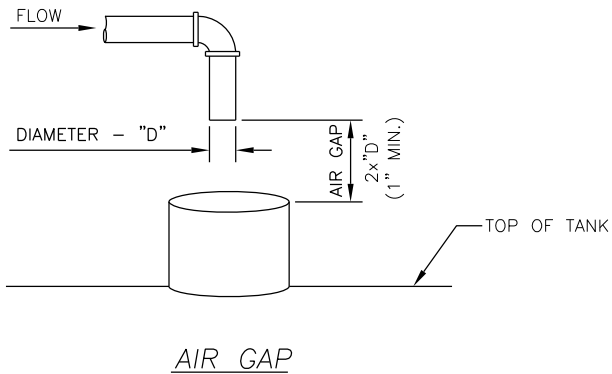
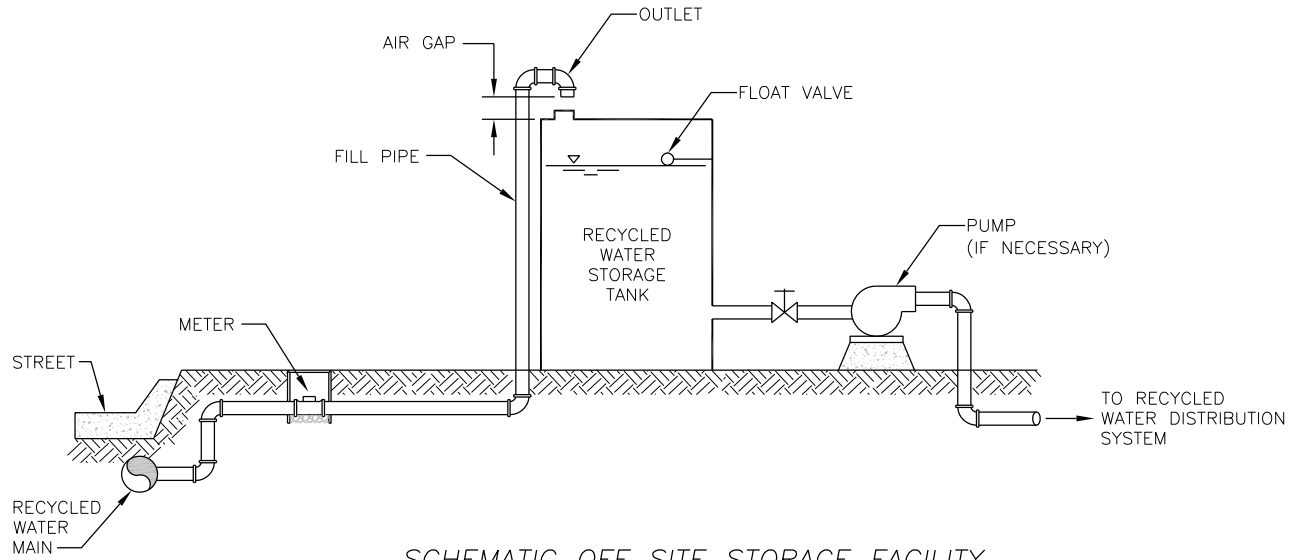
3" x 4-1/2" PRESSURE SENSITIVE DECALS ARE REQUIRED FOR IRRIGATION CONTROLLERS AND OTHER ABOVE GROUND FACILITIES REQUIRING A WARNING SIGN. WHEN CONDITIONS AND/OR FACILITY CHARACTERISTICS RENDER THESE SPECIFICATIONS INAPPROPRIATE, ALTERNATIVE SIGNING MUST BE SUBMITTED FOR REVIEW AND APPROVAL BY THE DISTRICT.

SIGN, LETTER HEIGHTS, & SYMBOL SIZE SHOWN ARE IN REQUIRED PROPORTIONS

**RANCHO MURIETA
COMMUNITY SERVICES DISTRICT**

RECYCLED WATER SIGN

DRAWN BY	SCALE	REVISION	DATE	BY	STANDARD DRAWING NO.
E. BULLOCK	NONE				RW-16
APPROVED	DATE				
K. KENNEDY	08/19				



NOTES:

1. THE TERM "AIR GAP" SHALL MEAN A PHYSICAL SEPARATION BETWEEN THE FREE FLOWING DISCHARGE END AND A RECYCLED WATER SUPPLY PIPELINE AND AN OPEN OR NON-PRESSURE RECEIVING VESSEL. AN "APPROVED AIR GAP" SHALL BE AT LEAST DOUBLE THE DIAMETER OF THE SUPPLY PIPE MEASURED VERTICALLY ABOVE THE OVERFLOW RIM OF THE VESSEL - IN NO CASE LESS THAN 1 INCH.

<p>RANCHO MURIETA COMMUNITY SERVICES DISTRICT</p>					
<p>AIR GAP SEPARATION</p>					
DRAWN BY V. FELIX	SCALE NTS	REVISION	DATE	BY	STANDARD DRAWING NO.
APPROVED K. KENNEDY	DATE 08/19				RW-17

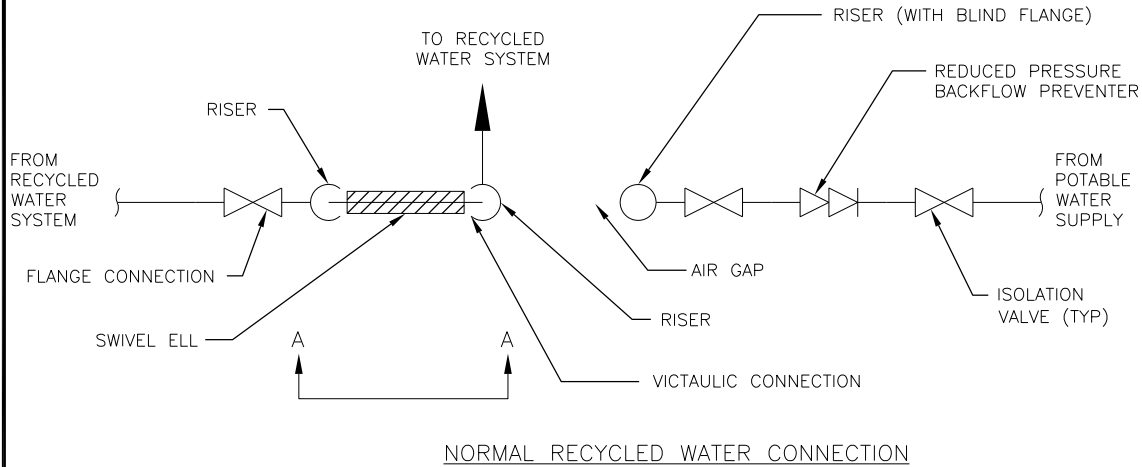


NOTES:

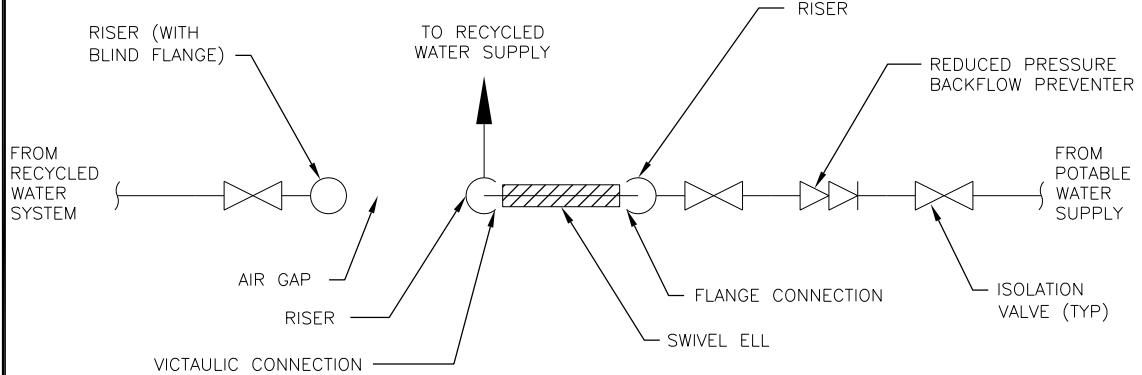
1. RECYCLED WATER NOTIFICATION DECAL TO BE OBTAINED BY DEVELOPER.
2. WARNING SIGN DECALS SHALL BE UV FADE RESISTANT *das* CURB MARKER (www.dasmanufacturing.com) OR APPROVED EQUAL DURACAST STYLE MARKERS PURPLE (PMS #2587) IN COLOR WITH WHITE TEXT. SIGN DECALS SHALL BE ALL-WEATHER AND SLIP RESISTANT.
3. SIGN SHALL STATE "RECYCLED WATER DO NOT DRINK" ACCORDING TO TITLE 22, ARTICLE 4, SECTION 60310(G) OF THE STATEWIDE REGULATION.
4. SURFACE MUST BE DRY AND FREE OF ANY LOOSE DEBRIS. FOLLOW THE ADHESIVE GUIDE. A BEAD OF ADHESIVE SHOULD BE SHOWN AROUND THE ENTIRE EDGE.
5. ADHESIVE SHALL BE CURB MARKER ADHESIVE OR APPROVED EQUAL.

RANCHO MURIETA COMMUNITY SERVICES DISTRICT					
<i>RECYCLED WATER DECAL</i>					
DRAWN BY E. BULLOCK	SCALE NONE	REVISION	DATE	BY	STANDARD DRAWING NO. <i>RW-18</i>
APPROVED K. KENNEDY	DATE 08/19	_____	_____	_____	
_____	_____	_____	_____	_____	

RW-19 Not Used



NORMAL RECYCLED WATER CONNECTION






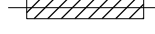

SHORT-TERM POTABLE SUPPLY CONNECTION DURING INTERRUPTION OF NORMAL RECYCLED WATER SOURCE

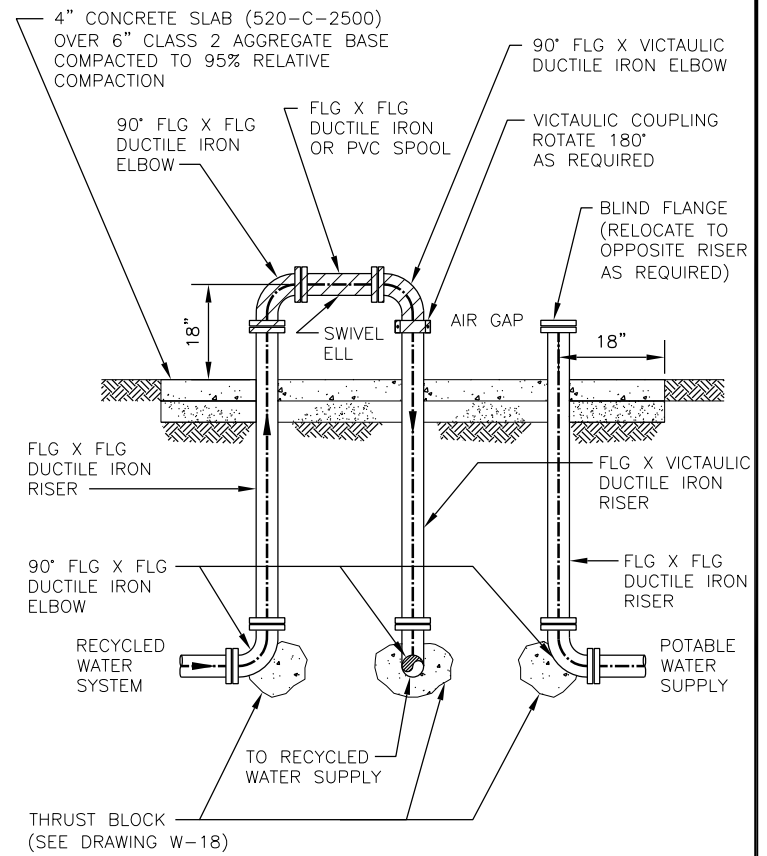
SWIVEL ELL

SCHEMATIC

PLAN-NO SCALE

KEY:

-  RISER WITH ELBOW
-  RISER (WITH BLIND FLANGE)
-  ISOLATION VALVE
-  SWIVEL ELL
-  REDUCED PRESURE BACKFLOW PREVENTER



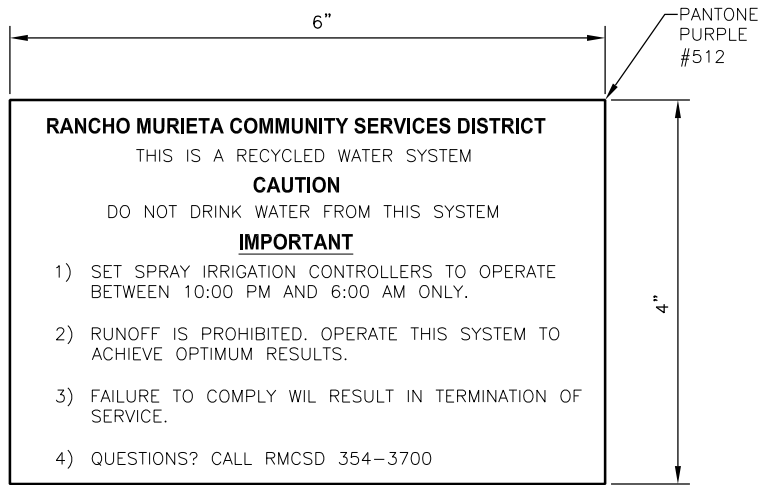
SECTION A-A

NOTE: SWIVEL ELL SHOWN IN NORMAL POSITION (SUPPLY FROM RECYCLED WATER SOURCE)

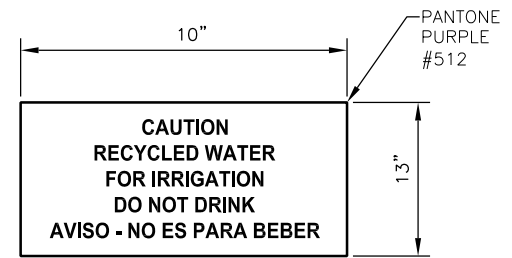
RANCHO MURIETA COMMUNITY SERVICES DISTRICT

SWIVEL ELL CONNECTION

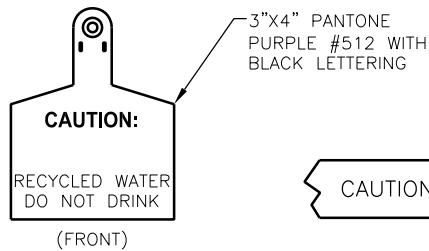
DRAWN BY E. BULLOCK	SCALE NONE	REVISION	DATE	BY	STANDARD DRAWING NO. RW-20
APPROVED K. KENNEDY	DATE 08/19				



CONTROLLER ENCLOSURE LABEL (INTERIOR)



CONTROLLER ENCLOSURE LABEL (EXTERIOR)



(FRONT)



WARNING
TAPE

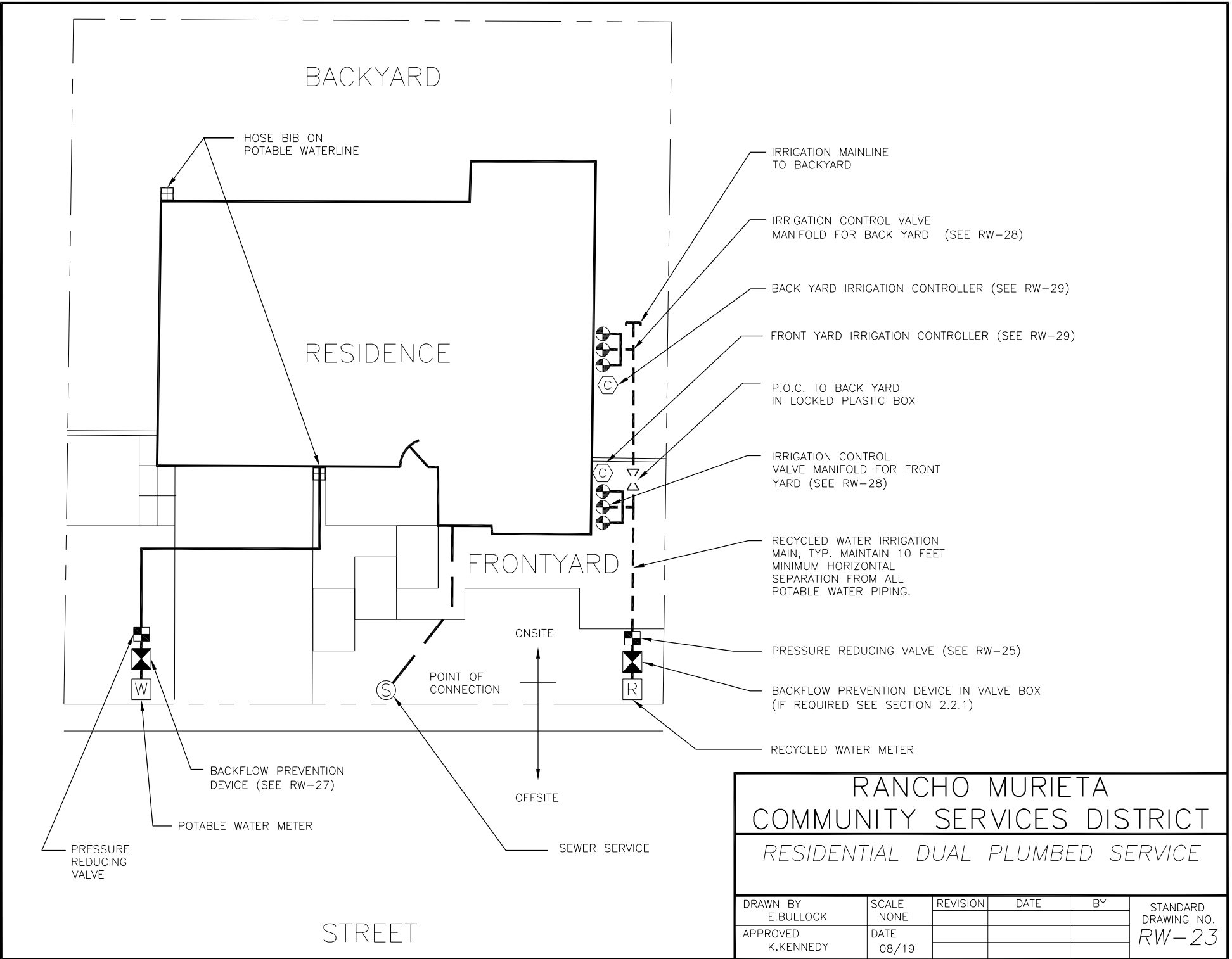


(BACK)

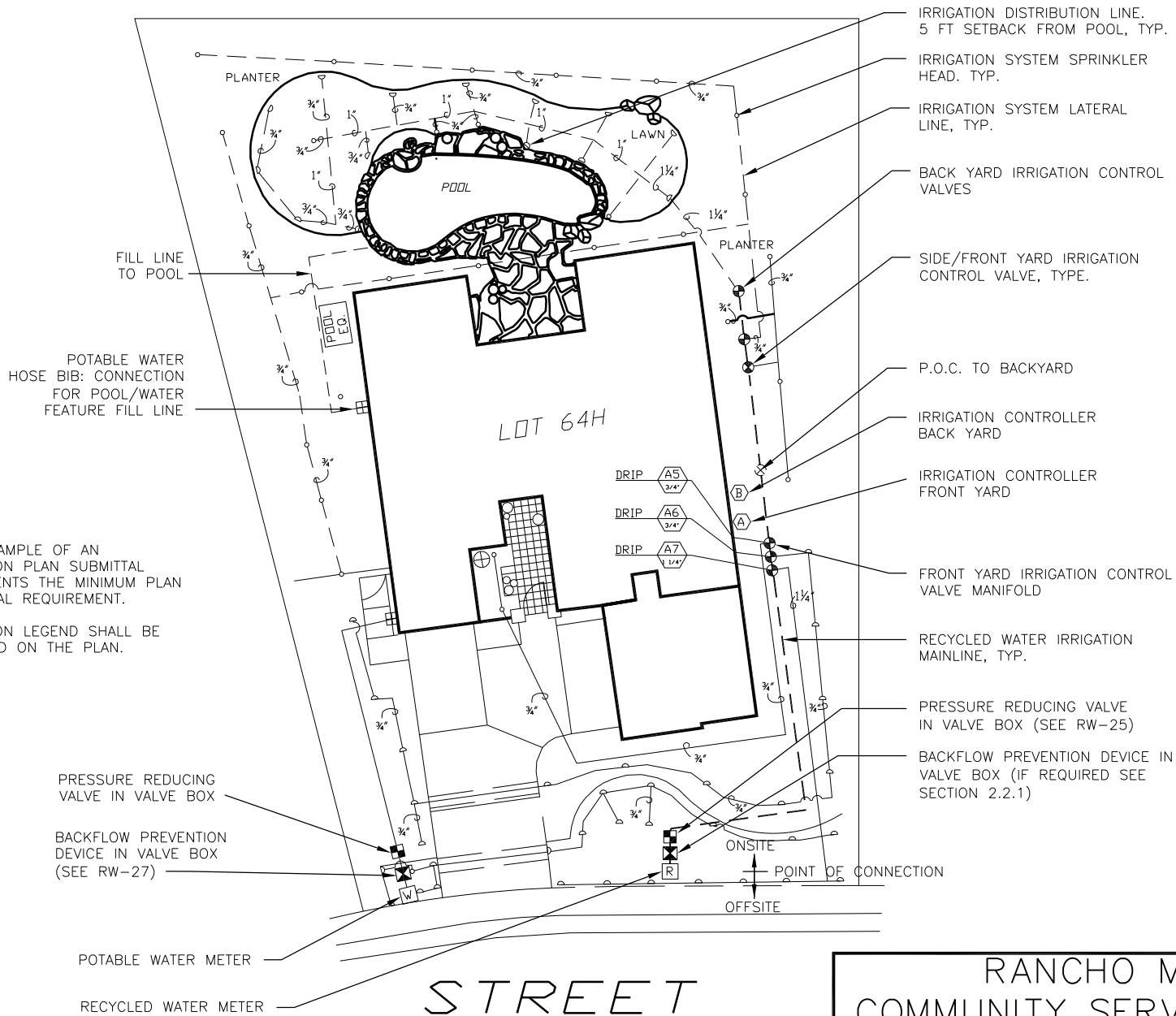
RECYCLED
WATER
TAGS

RANCHO MURIETA COMMUNITY SERVICES DISTRICT					
<i>IDENTIFICATION TAGS AND LABELS</i>					
DRAWN BY V. FELIX	SCALE NTS	REVISION	DATE	BY	STANDARD DRAWING NO.
APPROVED K. KENNEDY	DATE 08/19				<i>RW-21</i>

RW-22 Not Used



RANCHO MURIETA COMMUNITY SERVICES DISTRICT					
<i>RESIDENTIAL DUAL PLUMBED SERVICE</i>					
DRAWN BY E.BULLOCK	SCALE NONE	REVISION	DATE	BY	STANDARD DRAWING NO. <i>RW-23</i>
APPROVED K.KENNEDY	DATE 08/19				

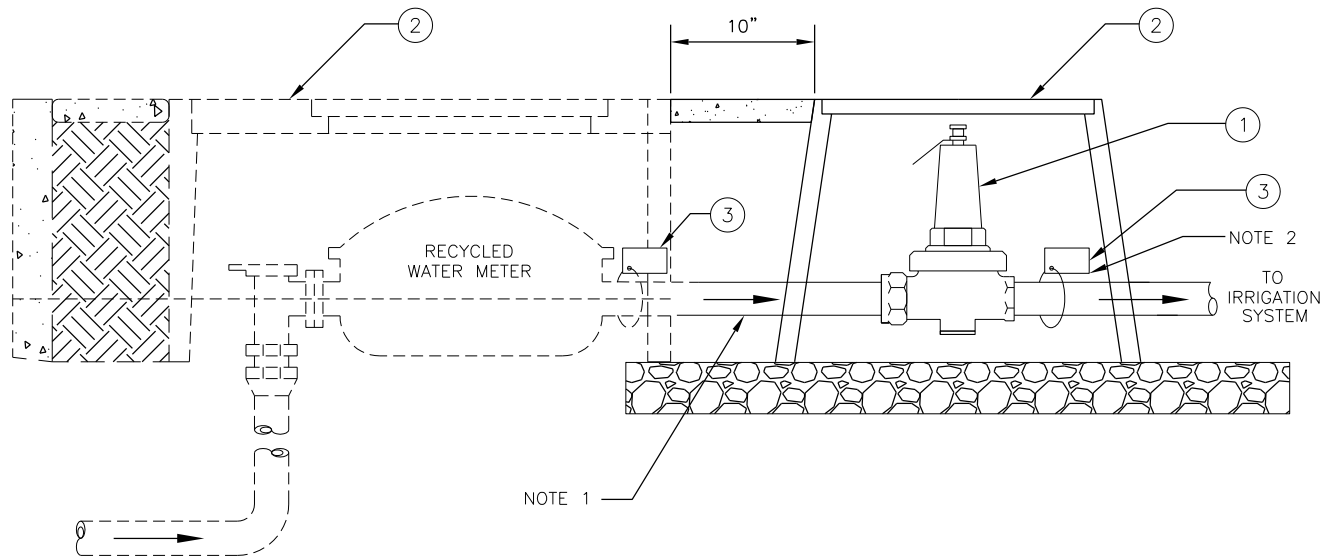


NOTES:

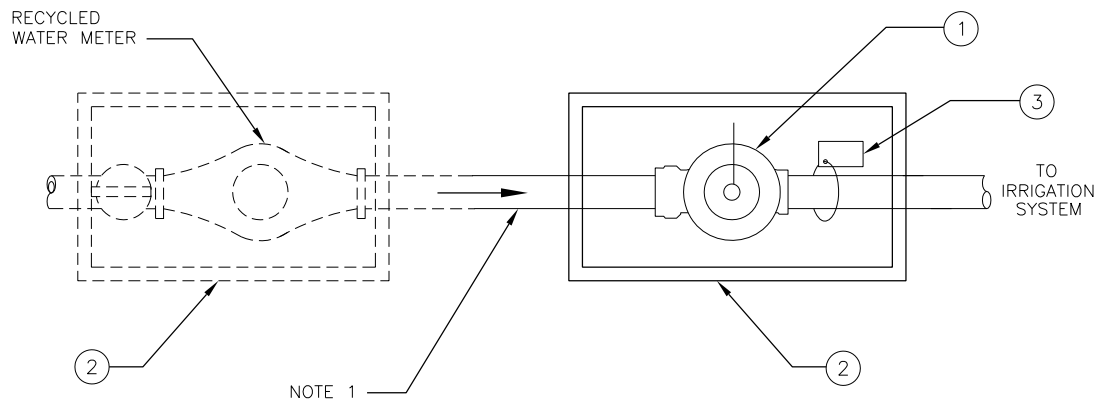
1. THIS EXAMPLE OF AN IRRIGATION PLAN SUBMITTAL REPRESENTS THE MINIMUM PLAN SUBMITTAL REQUIREMENT.
2. IRRIGATION LEGEND SHALL BE INCLUDED ON THE PLAN.

- IRRIGATION DISTRIBUTION LINE. 5 FT SETBACK FROM POOL, TYP.
- IRRIGATION SYSTEM SPRINKLER HEAD. TYP.
- IRRIGATION SYSTEM LATERAL LINE, TYP.
- BACK YARD IRRIGATION CONTROL VALVES
- SIDE/FRONT YARD IRRIGATION CONTROL VALVE, TYPE.
- P.O.C. TO BACKYARD
- IRRIGATION CONTROLLER BACK YARD
- IRRIGATION CONTROLLER FRONT YARD
- FRONT YARD IRRIGATION CONTROL VALVE MANIFOLD
- RECYCLED WATER IRRIGATION MAINLINE, TYP.
- PRESSURE REDUCING VALVE IN VALVE BOX (SEE RW-25)
- BACKFLOW PREVENTION DEVICE IN VALVE BOX (IF REQUIRED SEE SECTION 2.2.1)

RANCHO MURIETA COMMUNITY SERVICES DISTRICT					
<i>RESIDENTIAL IRRIGATION LAYOUT</i>					
DRAWN BY	SCALE	REVISION	DATE	BY	STANDARD DRAWING NO.
E. BULLOCK	NONE				RW-24
APPROVED	DATE				
K. KENNEDY	08/19				



PRESSURE REDUCING VALVE



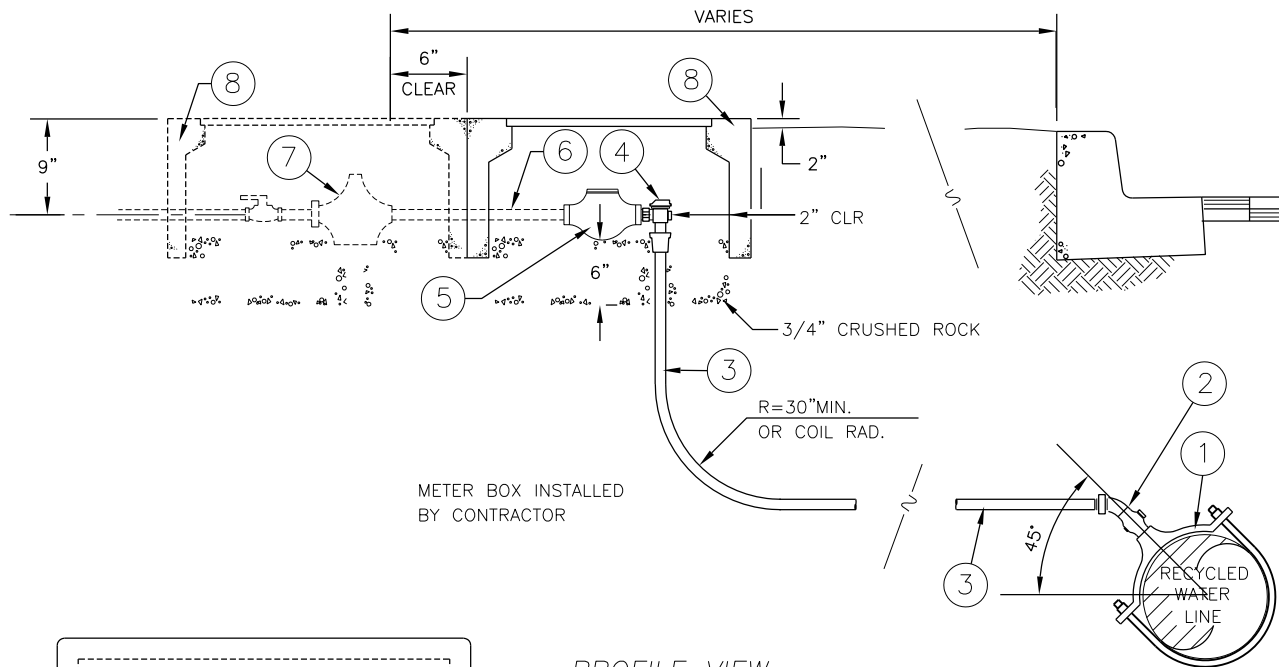
ITEM	DESCRIPTION
1	WILKINS MODEL 500HLR PRESSURE REDUCING VALVE OR EQUAL
2	CHRISTY PURPLE FL9 BOX
3	RECYCLED WATER WARNING TAG (SEE RW-21)

NOTES:

1. NO LINE CONNECTIONS BETWEEN METER & PRV. EXCEPT FOR BACKFLOW PREVENTION DEVICE (IF REQ'D.)
2. RW LABEL: T. CHRISTY 3150 OR EQUIVALENT.
3. PRV SIZE SHALL BE EQUAL TO METER SIZE.

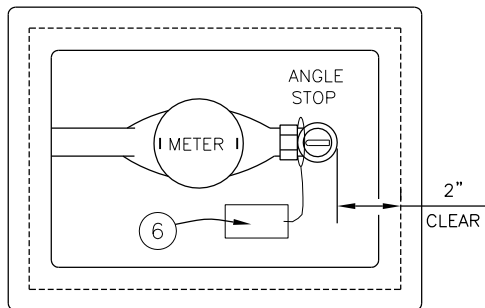
RANCHO MURIETA COMMUNITY SERVICES DISTRICT					
<i>PRV INSTALLATION FOR DUAL PLUMBED SERVICE</i>					
DRAWN BY E. BULLOCK	SCALE NONE	REVISION	DATE	BY	STANDARD DRAWING NO.
APPROVED K. KENNEDY	DATE 08/19				<i>RW-25</i>

SEE W22A FOR
CUT/FILL SLOPES



METER BOX INSTALLED
BY CONTRACTOR

PROFILE VIEW



METER BOX PLAN

NOTES

1. SERVICE SADDLE SHALL NOT BE INSTALLED WITHIN 18" OF VALVE, JOINT OR FITTING.
2. SET TOP OF METER BOX FLUSH WITH SIDEWALK OR AS SHOWN.

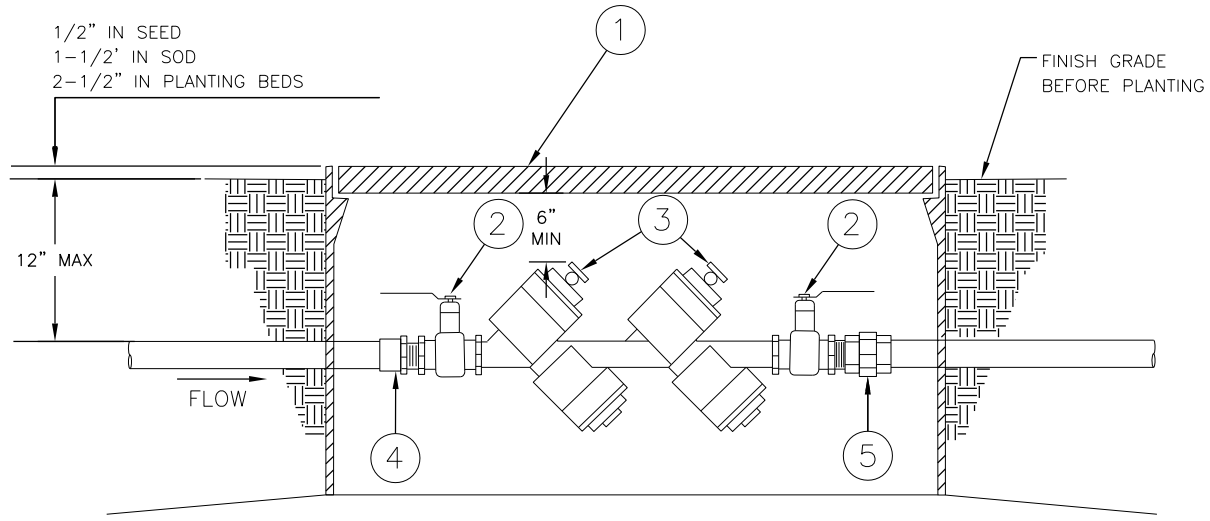
ITEM #	DESCRIPTION
①	BRASS SERVICE SADDLE, 1" AWWA I.P.T.
②	1" CORPORATION STOP, AWWA I.P.T.x F.L.P. W/45° STREET ELBOW, COMPRESSION FITTING
③	1" PURPLE P.E. TUBING, CTS CONTINUOUS WITH TRACER WIRE
④	1" ANGLE METER STOP, METER CPLG NUT x STAB TYPE END
⑤	RECYCLED WATER METER MANUFACTURED BY SENSUS IPERL
⑥	RECYCLED WATER TAG (SEE RW-21)
⑦	PRV W/ RECYCLED WATER TAG. SEE RW-25 FOR MANUFACTURER REQUIREMENTS.
⑧	CHRISTY PURPLE FL9 BOX

NOTES:

1. SERVICE SADDLE SHALL NOT BE INSTALLED WITHIN 18" OF VALVE, JOINT OR FITTING.
2. SET TOP OF METER BOX FLUSH WITH SIDEWALK OR AS SHOWN.
3. ALL TAPS SHALL BE MADE WITH MACHINE GUIDE OR PILOT TAP.
4. THE RECYCLED WATER SERVICE SHALL EXTEND PERPENDICULAR TO THE CENTERLINE OF THE STREET FROM THE RECYCLED WATER MAIN TO THE RECYCLED METER STOP.
5. PURPLE P.E. TUBING SHALL BE CONTINUOUS WITH TRACER WIRE.
6. ALL FITTINGS SHALL BE BRASS.
7. METER TO HAVE PURPLE LID AND DIAL.
8. RECYCLED WATER METER SHALL BE INSTALLED WITH SENSUS IPERL METER SETTER OR APPROVED EQUAL.

**RANCHO MURIETA
COMMUNITY SERVICES DISTRICT**
RECYCLED WATER SERVICE INSTALLATION

DRAWN BY E. BULLOCK	SCALE NONE	REVISION	DATE	BY	STANDARD DRAWING NO. RW-26
APPROVED K.KENNEDY	DATE 08/19				

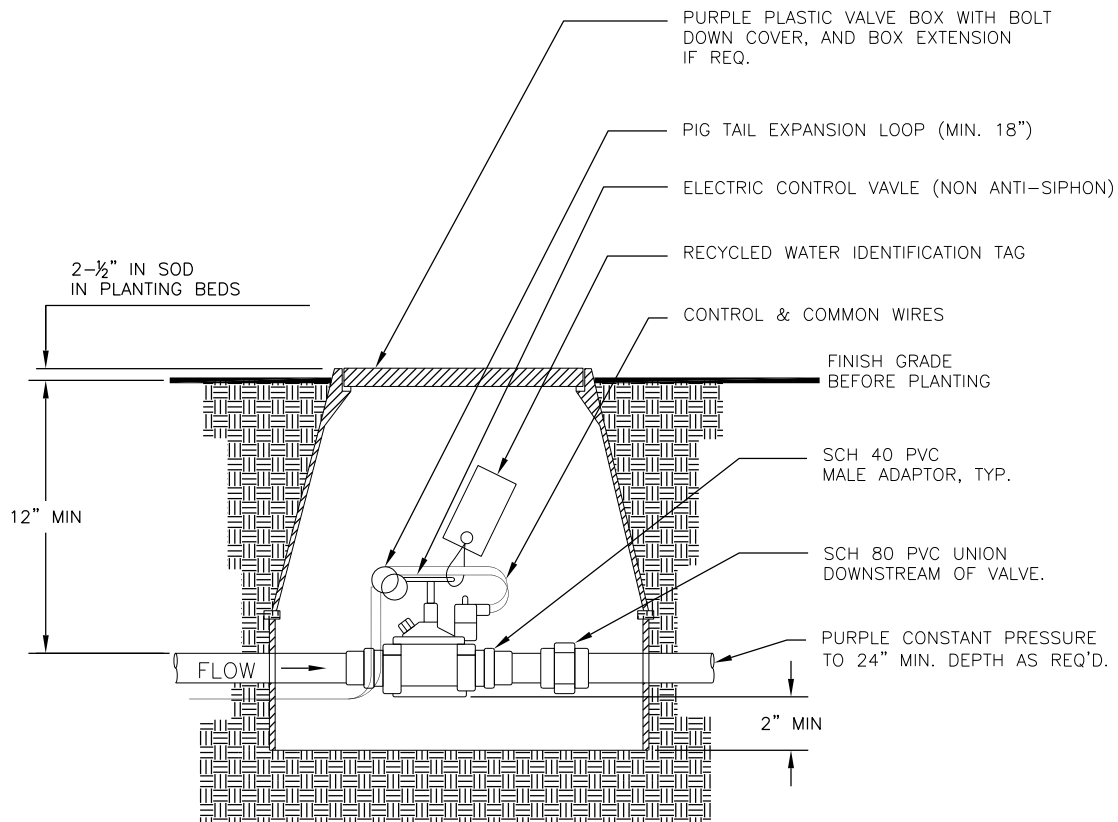


ITEM #	DESCRIPTION
①	METER BOX 12"x20" CONCRETE BOX & STEEL LID
②	BALL VALVE, SUPPLIED WITH BACKFLOW PREVENTER BY MANUFACTURER.
③	DOUBLE CHECK BACKFLOW PREVENTER
④	BRASS ADAPTOR, TYP.
⑤	BRASS UNION DOWNSTREAM OF VALVE

NOTES

1. PLACE VALVE BOX AT RIGHT ANGLES TO STRUCTURES OR HARDSCAPING
2. INSTALL VALVE BOX SO THAT TOP OF VALVE BOX IS FLUSH WITH ADJACENT HARDSCAPING.
3. GATE VALVE AND FITTINGS SHALL BE LINE SIZE UNLESS NOTED OTHERWISE.

<p>RANCHO MURIETA COMMUNITY SERVICES DISTRICT</p>					
<p><i>POTABLE WATER DOUBLE CHECK VALVE FOR DUAL PLUMBED RESIDENCES</i></p>					
DRAWN BY E. BULLOCK	SCALE NONE	REVISION	DATE	BY	STANDARD DRAWING NO. <i>RW-27</i>
APPROVED K. KENNEDY	DATE 08/19	_____	_____	_____	



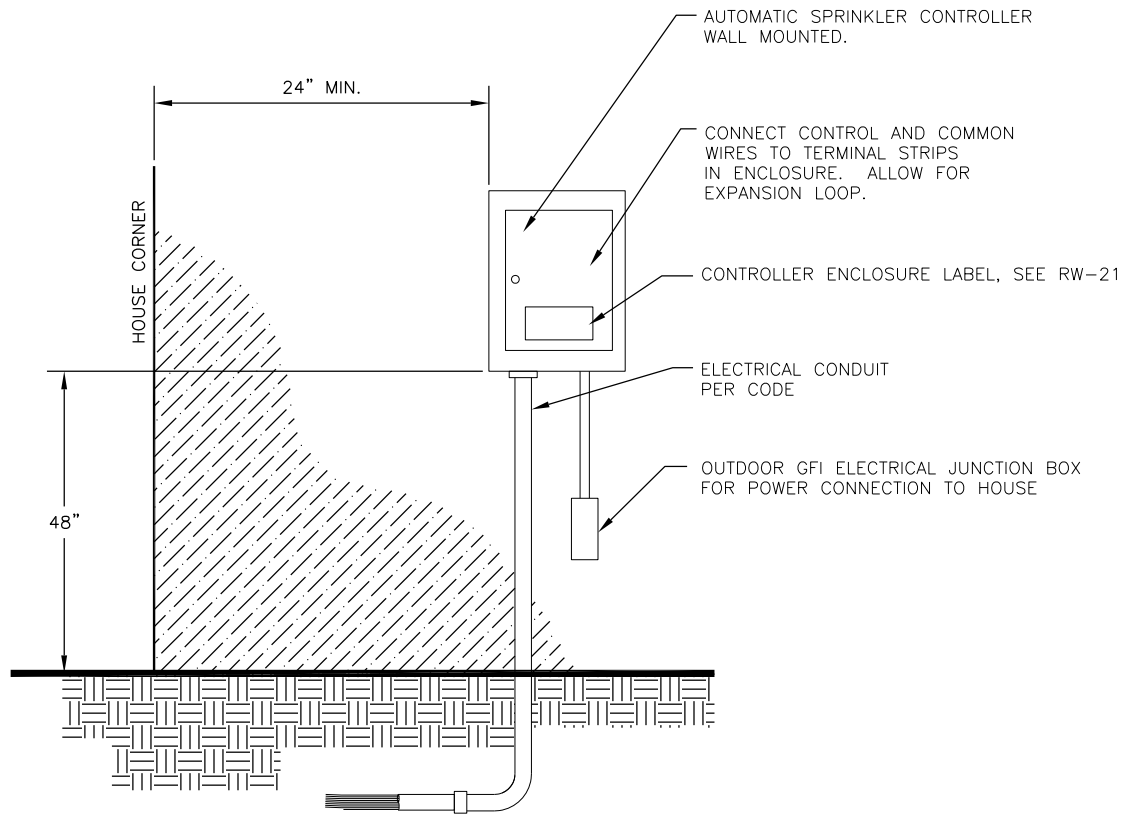
NOTE:

1. ATTACH DOUBLE SIDED IDENTIFICATION TAGS PER RW-21.

RANCHO MURIETA
COMMUNITY SERVICES DISTRICT

ONSITE BURIED ELECTRIC
REMOTE CONTROL VALVE

DRAWN BY E. BULLOCK	SCALE NONE	REVISION	DATE	BY	STANDARD DRAWING NO. <i>RW-28</i>
APPROVED K. KENNEDY	DATE 08/19				



NOTES:

1. CONTROL WIRING (AWG. UF #14). SECURE TO TERMINAL STRIP PROVIDED IN ENCLOSURE.
2. COMMON WIRE TO BE WHITE & CONTROL WIRE TO BE RED. BUNDLE AND TAPE WIRING AT INTERVALS OF 10'-0" O.C.
3. NO SPLICES TO BE MADE BETWEEN CONTROLLER AND VALVE.
4. LIST OF APPROVED CONTROLLERS TO BE PROVIDED BY THE DISTRICT.

<h2 style="margin: 0;">RANCHO MURIETA COMMUNITY SERVICES DISTRICT</h2>					
<h3 style="margin: 0;">ONSITE IRRIGATION AUTOMATIC CONTROLLER</h3>					
DRAWN BY	SCALE	REVISION	DATE	BY	STANDARD DRAWING NO.
E. BULLOCK	NONE				RW-29
APPROVED	DATE				
K. KENNEDY	08/19				

RW-30 Not Used



ROTORS



SHRUB SPRAY WITH DECAL



PURPLE DRIP HEAD



PURPLE DRIP LINE



PURPLE SPRAY HEADS

RANCHO MURIETA
COMMUNITY SERVICES DISTRICT

IRRIGATION HEAD AND
DRIP LINE COLOR CODING

DRAWN BY E. BULLOCK	SCALE NONE	REVISION	DATE	BY	STANDARD DRAWING NO. <i>RW-31</i>
APPROVED K.KENNEDY	DATE 08/19				

Appendix A

Contact Agencies and Information

Contact Agencies and Information

Rancho Murieta Community Services District

Paul Siebensohn, Director of Field Operations

Phone No: (916) 354-3730

Fax No: (916) 354-2082

Email: psiebensohn@ranchomurietacsd.com

Edward Crouse, General Manager

Phone No: (916) 354-3700

Fax No: (916) 354-2082

Email: ecrouse@ranchomurietacsd.com

Regional Water Quality Control Board, Central Valley

Phone No: (916) 464-3291

Fax No: (916) 464-4645

Address: 11020 Sun Center Drive #200
Rancho Cordova, CA 95670-6114

California Department of Public Health, Sacramento District

Phone No: (916) 449-5600

Fax No: (916) 449-5655

Address: 1616 Capital Avenue
PO Box 997377, MS 7407
Sacramento, CA 95899-7377

Appendix B

Swivel Ell Connection Memo

Memorandum

Date: May 7, 2003

To: Regional and District Engineers

From: David P. Spath, Ph.D., P.E., Chief (*Original signed by Dave*)
Drinking Water and Environmental Management
601 North 7th Street, MS 216
Sacramento, CA 95814
(916) 322-2308

Subject: POLICY MEMO 2003-03: GUIDANCE FOR THE ALTERNATIVE USE
OF POTABLE WATER IN RECYCLED WATER SUPPLY USE AREAS
USING A "SWIVEL-ELL" PIPING ARRANGEMENT

RESCINDS POLICY MEMO 95-004

Introduction

This policy provides guidance to staff for applying the California regulations relating to cross-connection control (Title 17, California Code of Regulations, Sections 7583 et seq.). The practices outlined in this policy should be regarded as minimum conditions for providing backflow protection in the situations described. **NOTE that this policy updates and supersedes Policy Memo 95-004 to reflect current Water Recycling Criteria adopted in December 2002, and clarifies that this policy does not apply to dual-plumbed recycled water facilities.**

Statement of Problem

Premises where recycled water is used for on-site non-potable uses may not utilize domestic water from a public water system as a supplemental source of water for the recycled water system unless the public water supply is isolated with an air-gap separation in conformance with Section 7604 of the California Code of Regulations (CCR). This regulatory requirement is based upon the potential for contamination of the public water supply from cross-connections created within a premises which utilizes recycled water for approved non-potable uses.

The Department has become aware of situations where recycled water is used for on-site non-potable uses and the potable supply is available to the premises as an emergency, alternative source of water in the event that the recycled water supply is temporarily unavailable. A swivel-ell type connection is utilized to preclude connecting both sources of supply to the use area at the same time. The swivel-ell is switched from the recycled water connection to the potable connection in an emergency and the procedure is reversed once the recycled supply is available. The potable supply pipeline must be protected by an approved reduced pressure principle backflow preventer. The potential exists for concurrent use of the recycled water and potable water connections in violation of Section 7604 of the CCR. Therefore, special precautions must be taken to prevent the creation of



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www.consumerenergycenter.org/flex/index.html

cross-connections in these situations. In no case will it be acceptable for the potable supply to be directly connected to a recycled water supply.

Legal Status

Section 7604(c)(1), CCR Title 17, requires that an air-gap separation be used for backflow protection for premises where the public water supply is used to supplement the recycled water supply and the two supplies can be used simultaneously.

However, this Section does not address the use of alternative sources of water when the recycled water supply cannot be used simultaneously; this is the situation to which this policy applies.

Section 60315 of the Water Recycling Criteria (CCR, T22, adopted December 2000, following issuance of the original Swivel-El Policy Memo 95-004) includes design requirements for "Dual Plumbed Recycled Water Systems" which specifically exclude using the public water supply as a backup or supplemental source of water for the recycled system. Therefore, this Policy is not applicable to Dual Plumbed Recycled Water Systems as defined by Section 60301.250 (Title 22).

Department Position

It is the opinion of the Drinking Water Program of the California State Department of Health Services that with proper safeguards, a swivel-ell type connection may be used when potable water is used as an alternative water supply to an on-site recycled water distribution system with the exception of dual-plumbed systems as specified in Section 60315. This is acceptable only in cases where there is an unplanned, short-term interruption of the recycled water service.

Directions to Department Staff

No concurrent use of the potable water supply and the recycled water supply will be allowed. Prior to construction of any facilities, written approval shall be obtained from the potable water purveyor and the Department. Water utilities proposing to use potable water as an alternative water supply to an on-site recycled water distribution system at a recycled water use area or facility must demonstrate to the Department that they can comply with the following:

1. Only disinfected, tertiary recycled water is used.
2. The domestic water supplier has a cross-connection control program containing all of the minimum elements required by Section 7584 of the CCR.

The program ordinance or rules of service must address the use of recycled water in these situations and must be acceptable to the Department.

3. Each on-site recycled water distribution system may only be supplied from a single recycled water feed line. There shall be no other inter-connections between the recycled water distribution system and potable water system within the use area or facility.
4. The swivel-ell connection, including the recycled water service, potable water service and the service riser to the facility or use area must be located above ground, color coded in accordance with Section 4049.54 and provided with appropriate signs on both the recycled water and domestic water facilities. Appropriate security precautions must be provided (e.g. locked gate valves, warning signs, etc.) to prevent interconnections, vandalism and unauthorized use. The potable water purveyor shall inspect each location on a minimum annual basis to verify that a switchover has not occurred without the purveyor's approval. Meters must be provided on both connections and records of water use maintained.
5. The potable connection must be protected by an approved Reduced Pressure Principle Backflow Prevention Assembly (RP). Facilities for the swivel-ell connection must be located downstream of this assembly. The need for internal protection must also be evaluated.
6. To avoid concurrent use, swivel-ell connections must be designed such that a tee connection or other prefabricated mechanical appurtenances cannot readily be substituted for the ell. The recycled water and potable water services should not approach the service riser at an angle of 180° (Figure 1).
7. A signed agreement between the public water supplier and recycled water supplier¹ that incorporates the following must be obtained:
 - (a) The RP on the potable water supply line must be tested in accordance with Section 7605 of the CCR immediately prior to a switchover from the recycled water supply to the potable water supply. The completed test report must be sent to the Department and potable water purveyor prior to activation.
 - (b) The potable water purveyor and Department must be notified within 24 hours of each switchover.
 - (c) The potable water purveyor shall supervise the switchover and activation of the potable water service and subsequent deactivation.
 - (d) Upon request, the potable water purveyor must follow up with a written report to the Department within 7 days following the switchover.

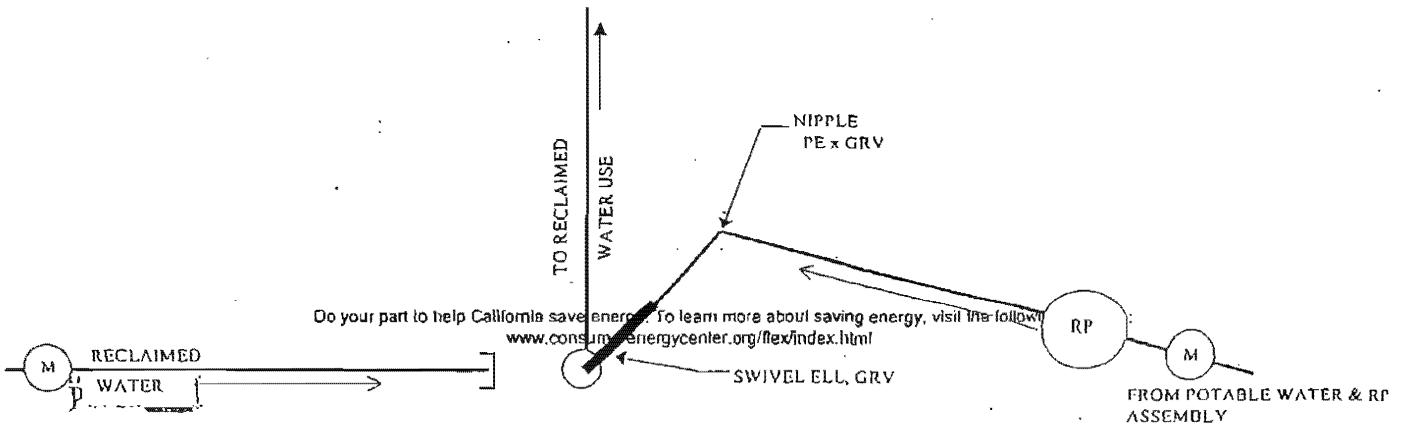
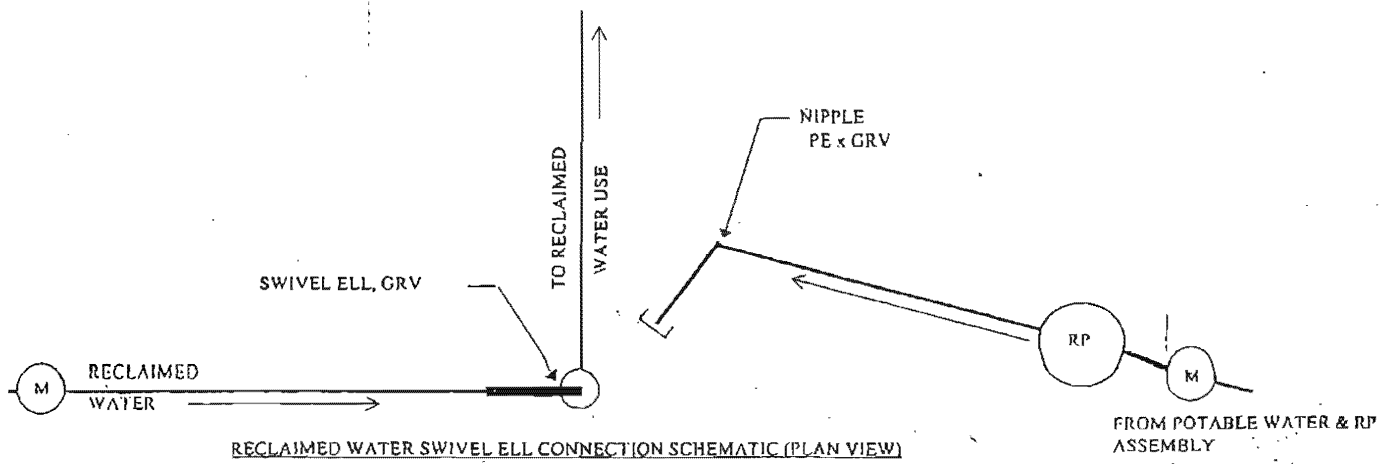
Note 1 - If a common agency has both water and recycled water operations then rules of service incorporating the following items must be in place.

This policy is intended for short-term emergency switch-overs, not to exceed 90 days.

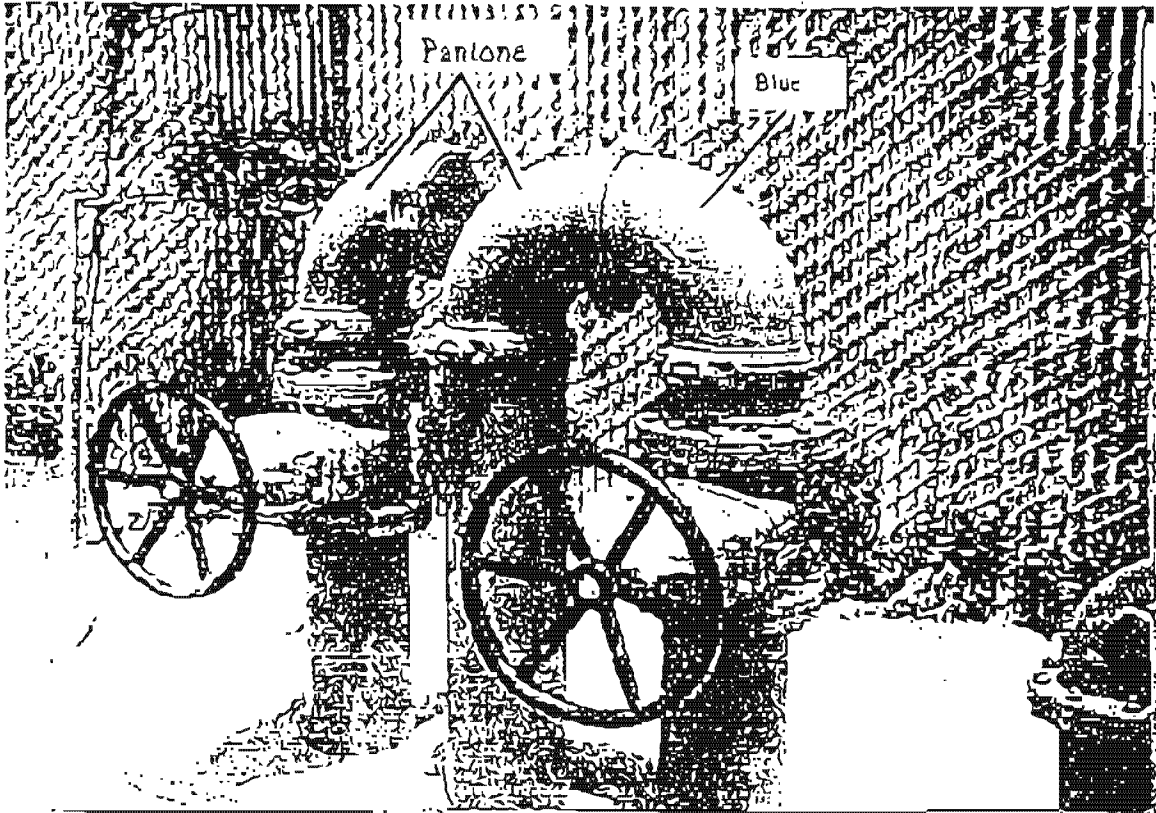
The potable water supplier will have the responsibility for documenting that all conditions of approval have been satisfied. The Department shall require installation of a permanent air-gap separation in accordance with Section 7604 of the CCR in the event that a cross-connection is made between the potable water supply and the on-site recycled water distribution system.

Memorandum

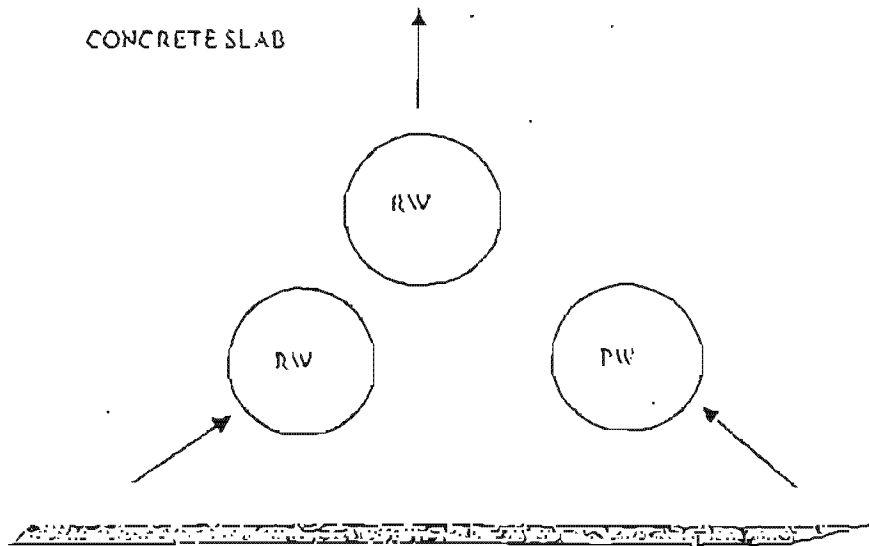
Figure 1 – Connection Schematics



Memorandum

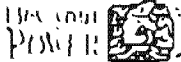


CONCRETE SLAB



EXAMPLE RECLAIMED AND POTABLE RISER LAYOUT
(PLAN VIEW)

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www.consumerenergycenter.org/lex/index.html



Appendix C
Sample Application Form

Rancho Murieta Community Services District
Application for Onsite Recycled Water Irrigation Use Permit

Site Information		District Use Only	
Location or Address:		Date Received	
		Date Distributed	
		Date of Determination	
		<input type="checkbox"/> Accepted <input type="checkbox"/> Returned <input type="checkbox"/> Rejected	
		User Name	
Assessor's Parcel No.		Notes:	
Applicant Information			
Applicant Is <input type="checkbox"/> Owner <input type="checkbox"/> Lessee <input type="checkbox"/> Other (Describe)			
Applicants Name:			
Address (Current)		Telephone No.	
City	State	Zip Code	
Owner's Name (if different)			
Owner's Contact Person			
Address		Telephone No.	
City	State	Zip Code	
User's Designated Site Supervisor			
Relationship to Applicant <input type="checkbox"/> Same <input type="checkbox"/> Partner <input type="checkbox"/> Employee <input type="checkbox"/> Other			
Supervisor's Name			
Business Address		Telephone No. Business Hours: Home: Cellphone:	
City	State	Zip Code	
<i>Note: The User's Site Supervisor must be reachable at all times in case of emergency. All phone numbers are for the use of the Recycled Water Program only.</i>			
Proposed Recycled Water Uses			
Current Water Source (if applicable):			
<input type="checkbox"/> Landscape Irrigation		Approximate Area: _____	

Briefly describe the proposed uses and potential degree of contact with public:	
<input type="checkbox"/> Other Uses	
Briefly describe the proposed uses and potential degree of contact with public:	
Cross-Connection Control¹	
Has the cross-connection test been completed? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Backflow Prevention²	
Have your backflow prevention devices been tested within the past year? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Recycled Water Demand Estimates	
Description of Site:	
Estimated Annual Recycled Water Use/Demand (gallons per year):	
Peak Use/Demand (gallons per minute):	
Pressure Requirements (pound per square inch):	
Hours of Use:	
Days of Use:	
Attachments	
<input type="checkbox"/> Recycled Water Plan (see 2.2.11.3 of the District's Recycled Water Standards)	
<input type="checkbox"/> Other: _____	
Site Supervisor	Applicant
I will operate and maintain the recycled water system in compliance with all conditions of the District's Waste Discharge Requirements, Master Reclamation Permit, and the Recycled Water Use Permit.	I designate the named person as the Site Supervisor. I am the principal owner of this site or a duly authorized representative and certify that the information contained in this application is true and correct to the best of my knowledge.
Print Name: _____	Print Name: _____
Signature: _____	Signature: _____
Date: _____	Date: _____

¹ An initial cross-connection control test must be performed prior to receiving a Recycled Water Use Permit. If cross-connection test has been completed previous, please attach testing report results.

² All backflow prevention devices must be tested annually. If backflow prevention device tests have been completed previous, please attach the backflow prevention assembly test report and locate the devices on an attached site plan.

Appendix D

Cross-Connection Testing Procedures

Cross-Connection Testing Procedure

The Rancho Murieta Community Services District (District) uses a certified AWWA Cross-Connection Specialist to preform required cross-connection tests. The following general method is used for conducting these tests on all sites where both potable and recycled water are intended to be used in separate piping systems.

PART I: Potable Water System Testing

1. The potable water system shall be activated and pressurized. The recycled water irrigation system shall be shut down at the Point of Connection (usually the meter) and depressurized. Typically this is done by manually bleeding an irrigation control valve that is located at the lowest elevation in the irrigation system.
2. The potable water system shall remain pressurized for a minimum period of time specified by the Cross-Connection Control Specialist while the irrigation system is depressurized. The minimum period of time the recycled water irrigation system is to remain depressurized shall be determined on a case-by-case basis, taking into account the size and complexity of the potable and recycled water systems, but in no case shall that period be less than one hour.
3. All recycled water irrigation control valves, and any features that are approved to be supplied with recycled water from the onsite irrigation systems shall be tested (e.g., turned on or activated) and inspected for flow. Continuous flow from any part of the recycled water irrigation system indicates a cross-connection.
4. All interior and exterior potable water fixtures such as faucets, hose bibs, drinking fountains, toilets, supply lines to decorative fountains, etc. shall be tested and inspected for flow. The absence of flow from any potable water outlet indicates that it may be cross-connected to the recycled water irrigation system.
5. If no cross-connections are discovered, proceed to Part II of the test. If any cross-connections are found, they must be disconnected, and the site must be retested by an AWWA Cross-Connection Specialist in accordance with these procedures.

PART I: Recycled Water System Testing

1. The potable water system shall be shut off at its Point of Connection (usually the meter) and depressurized. In the case of a potable water system in a multi-story building, the potable water system pressure may be reduced by the amount deemed necessary by the Cross-Connection Control Specialist and monitored with a gauge installed at a low point of elevation in the potable water system.

2. The recycled water irrigation system shall then be activated and pressurized.
3. The recycled water irrigation system shall remain pressurized for a minimum period of time specified by the Cross-Connection Control Specialist while the potable water system is depressurized or, in the case of a multi-story building, remains in a state of reduced pressure. The minimum period of time the potable water system is to remain depressurized shall be determined on a case-by-case basis, but in no case shall the period be less than one (1) hour.
4. All interior and exterior potable water fixtures such as faucets, hose bibs, drinking fountains, toilets, supply lines to decorative fountains, etc. shall be tested and inspected for flow. Some flow may occur from water breaking loose from an air lock in an overhead water line. The amount of flow to cause a concern is a judgment call by the Cross-Connection Control Specialist. If the potable water system has been truly shut off at its Point of Connection, then continuous flow from any part of the potable water systems (that is beyond the drainage generated by an air lock breaking free) indicates a cross-connection. In the case of a potable water system in a multi-story building, the testing of all fixtures may be used in combination with a pressure gauge (as mentioned in 1 above), or the pressure gauge may be used instead of the testing of all fixtures. If the potable water system has been truly shut down at its Point of Connection, then an increase in the potable water system pressure measured at the gauge over the period of time specified by the Cross-Connection Control Specialist indicates a cross-connection.
5. All recycled water irrigation control valves and other site features approved to be supplied with recycled water from the onsite irrigation system (such as supply lines for decorative fountains) shall be tested and inspected for flow. No flow from a recycled water irrigation control valve or fixture indicates that it may be connected to the potable water system.
6. If no cross-connections are discovered, then the potable water system shall be re-pressurized. If any cross-connections are found, they must be disconnected, and the site must be retested by an AWWA Cross-Connection Control Specialist per these procedures.

Upon successful completion, the certified AWWA Cross-Connection Control Specialist responsible for completing the above test will indicate the results on a Cross-Connection Certification Form and provide the form to the District and a copy to the Owner.

MEMORANDUM

Date: October 11, 2013
To: Board of Directors
From: Edward R. Crouse, General Manager
Subject: Financing and Services Agreement Update

RECOMMENDED ACTION

Information only.

BACKGROUND

PCCP provided the additional legal fee deposit funds last week. The Special Board Meeting for the Financing and Services Agreement (FSA) is scheduled for October 25, 2013.

Staff is completing revisions requested by the Board as well as clarifications related to the water treatment plant construction the District initiated.

Unless we hear otherwise, we will remove Cosumnes River Land from the signature block since, at the September District Board meeting, John Sullivan indicated he is out of the agreement and he will include the Murieta Gardens project in his new FSA for the remaining lands.

MEMORANDUM

Date: October 11, 2013
To: Board of Directors
From: Darlene Gillum, Assistant General Manager
Subject: Water Treatment Plant Expansion Financing Alternatives Update

RECOMMENDED ACTION

Information only.

BACKGROUND

US Bank has provided information on their “Non-revolver” financing product for consideration in the District’s financing of the Water Treatment Plant (WTP) Expansion Project. This product allows the District to draw funds as needed against a pre-approved maximum loan amount during the construction of the WTP expansion and upgrade. Once the construction is completed, the remaining open balance would be termed out (similar to a private construction loan). Interest and payments would be based on the total amount drawn. The interest rate quoted is lower than the interest rate on the CSDA Finance Corp Lease Buy-back product; however, it is a variable rate versus a fixed rate on the Lease Buy-back. Also, US Bank is only willing to offer a 7 year term versus the 20 year term offered by CSDA Finance Corporation.

I am still trying to make contact with the Wells Fargo representative to obtain information on their line of credit program.

A full comparison of financing alternatives will be presented at the November Finance Committee and brought to the Board at the November meeting, which will allow all Directors to be involved in the selection of the financing product for the WTP expansion.

MEMORANDUM

Date: October 7, 2013
To: Board of Directors
From: Improvements Committee Staff
Subject: Approve Proposal for Geotechnical Engineering Study

RECOMMENDED ACTION

Approve the proposal from Youngdahl Consulting Group, Inc. for Geotechnical Engineering Study for the Water Treatment Plant Expansion Project, in an amount not to exceed \$2,600. Funding to come from Water Replacement Reserves.

DISCUSSION

As part of the work necessary to complete the design of the Water Treatment Plant #1 Expansion Project, Youngdahl Consulting Group, Inc. is updating their 2003 engineering recommendations and reviewing site preparation and grading, design criteria for footings, seismic design criteria, explanation of limitations, and a design for a retaining wall on south side of the drying beds. Once completed, the information will be added in to the HDR design specifications for the Water Treatment Plant Expansion Project.

These services are part of the Water Treatment Plant Expansion Project, which is funded by Water Replacement Reserves and, although the costs are below the General Manager's approval authority, all costs related to reserve expenditures must be brought before the Board for approval. Attached is their proposal, outlining their tasks and costs.

The Improvements Committee recommends approval.



Proposal No. P13-332
 9 September 2013

Rancho Murieta Community Services District
 PO Box 1050
 Rancho Murieta, California
 Attention: Mr Paul Siebensohn

Subject: **RANCHO MURIETA COMMUNITY SERVICES DISTRICT**
Water Treatment Plant Improvements
 Rancho Murieta, California
GEOTECHNICAL ENGINEERING STUDY

- References:
1. Geotechnical Engineering Study, Rancho Murieta Water Treatment Plant Improvements, prepared by Youngdahl Consulting Group, Inc., dated March 2003 (Project No. E03049.0)
 2. Geotechnical Engineering Study on Rancho Murieta Water Treatment Plant Phase III, prepared by Youngdahl & Associates, Inc., dated 14 October 1991 (Project No. RMCS010.e)

Dear Mr. Siebensohn,

At your request, Youngdahl Consulting Group, Inc. is pleased to present this proposal to provide additional engineering analysis for the Rancho Murieta Water Treatment Plant Improvements located in Rancho Murieta, California. You have requested that Youngdahl update the existing Geotechnical Engineering Study in accordance with 2010 California Building Code. Additionally, we are proposing to design a segmental retaining wall is proposed on the southeast portion of the site, adjacent to the creek. Our anticipated scope of work is as follows.

SCOPE OF WORK	ESTIMATE
<p>Task 1. Documentation Review and Site reconnaissance: We have already conducted a visit to the site and observed that the existing conditions are consistent with those encountered in the previous study. We will analyze all field exploration data and research findings in order update the existing study to the 2010 CBC requirements. We will provide additional conclusions and recommendations concerning the geotechnical aspects of the project, including recommendations for lateral design parameters for retaining walls. Our report will include our conclusions and recommendations regarding the site preparation and grading, design criteria for footings, including allowable bearing pressures; recommendations for retaining walls, seismic design criteria and liquefaction potential, explanation of report limitations; and recommendations for further geotechnical study, if necessary</p>	<p>\$1,200.00</p>
<p>Task 2. Retaining Wall Design: At this time it is anticipated that aggregate baserock will be imported for retaining wall backfill; consequently, additional laboratory testing is not proposed at this time. Assuming strength parameters for these granular soils we will prepare a letter report detailing our recommendations regarding segmental wall construction design and construction, as well other pertinent geotechnical recommendations related to the proposed construction. This report will also include standard cross sections and details of typical Keystone walls, as well as site specific wall calculations that have been prepared and stamped by a licensed engineer.</p>	
	<p>\$1,400.00</p>



TOTAL	\$2,600.00
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* Intermittent monitoring of the earthwork grading/retaining wall construction operations will be provided on an as requested basis, including consultation, observation, and testing services with a final summary letter/report reviewed by a licensed engineer. These services will be charged in addition to the above estimate on a Time and Materials basis in accordance with the attached 2013 Professional Fee Schedule.

All services will be performed in accordance with our current Fee Schedule for Professional Services, General Conditions and Contract, as attached. To authorize our proposed scope of work, please have an appropriate authority sign and return the attached Contract to us. We appreciate your consideration of Youngdahl Consulting Group, Inc. and look forward to working with you.

Very truly yours,
Youngdahl Consulting Group, Inc.

Martha A. McDonnell P.E.
Associate Engineer

enc: Contract
2013 Fee Schedule for Professional Services



SACRAMENTO LOCAL AGENCY FORMATION COMMISSION
 1112 I Street, Suite 100 • Sacramento, CA 95814 • (916) 874-6458 • Fax (916) 874-2939

DATE: September 20, 2013
 TO: Special Districts' Selection Committee
 FROM: Peter Brundage, Executive Officer
 RE: **Selection of Special District Commissioner and
 Selection of Alternate Special District Commissioner**
 For the Sacramento Local Agency Formation Commission
 Term of Office: **January 1, 2014 to December 31, 2017**

Pursuant to the provisions of Section 56332 of the Government Code, the Executive Officer has determined that a meeting of the Special District Selection Committee for the purpose of selecting a Special District Commissioner [Office No. 7] and Alternate Special District Commissioner [Office No. 6 & 7] to serve on the Sacramento Local Agency Formation Commission is not feasible. Based on past experience, due to the size of the Special District Selection Committee, it has been difficult to establish a quorum. Therefore, the business of the Special District Selection Committee will be conducted in writing, as provided in the cited section code.

Please see the enclosed Ballots.

Please select one candidate for Special District Commissioner (Office No. 7).

Please select one candidate for Alternate Special District Commissioner (Office No. 6 & 7).

Please return the ballot to the LAFCo office no later than:

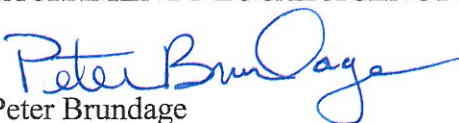
4:00 P.M. on TUESDAY, NOVEMBER 12, 2013

To be valid, selection of a candidate must be done by a majority vote of the governing board of an Independent Special District in an official meeting of that board and certified by the secretary or clerk of the board.

Any ballot received after the date specified above shall not be valid. The candidate who receives the most votes will be determined the winner outright. In the event of a tie, there will be a run-off selection held in the same format as the initial selection. The LAFCo Executive Officer will announce the results of the selection within seven days of the specified date.

If you have questions regarding selection procedures, please contact the Sacramento LAFCo Commission Clerk, Diane Thorpe, at (916) 874-6458.

Very truly yours,
SACRAMENTO LOCAL AGENCY FORMATION COMMISSION


 Peter Brundage
 Executive Office



SACRAMENTO LOCAL AGENCY
FORMATION COMMISSION

Ballot

Special District Commissioner - Office No. 7

Please select one candidate

Fredrick A. Gayle Jr.
Sacramento Suburban Water District

Paul R. Green Jr.
Rio Linda Elverta Community Water District

Gay Jones (Incumbent)
Sacramento Metropolitan Fire District

Name of Special District

Date of Meeting

Signature of Secretary or Clerk of the Board

E-Mail Address

Ballot must be received by LAFCo no later than
4:00 on November 12, 2013

The districts must return the ballots to LAFCo by the date specified above. Any ballot received after the specified date shall not be valid. The candidate who receives the most votes will be determined the winner outright. The LAFCo Executive Officer will announce the results of the election within seven days of the specified date.

LAFCo; 1112 "I" Street, Suite 100; Sacramento CA 95814



SACRAMENTO LO
FORMATION (

Ballot

Alternate Special District Com

Please select one c

Paul R. Green Jr.
Rio Linda Elverta Community Wc

Bob McKenzie
Rio Linda Elverta Recreation & P

Name of Special District

Date of Meeting

Signature of Secretary or Clerk of the Boar

E-Mail Address

Ballot must be received by L
4:00 on Novemb

The districts must return the ballots to LAFCo ballot received after the specified date shall receives the most votes will be determinec Executive Officer will announce the results of specified date.

LAFCo; 1112 "I" Street, Suite 10



Gay Jones

(Incumbent)

Sacramento Metropolitan Fire District
10545 Armstrong Avenue: Suite 200
Mather CA 95655

916-208-0736

STATEMENT OF QUALIFICATIONS

EXPERIENCE

- 2000 - Present: Director for Sacramento Metropolitan Fire District.
- 2005 - Present: Chair & Founding Member Special District Advisory Committee to LAFCo
- 2006 - Present: Commissioner for Sacramento Local Agency Formation Commission (LAFCo).
- 2006 - Present: Board Member for California Association of LAFCO (CALAFCO).
- 2013 - Present: Executive Board Member, CALAFCO.
- 2004 - 2006: Alternate Commissioner for Sacramento LAFCo.
- 1981 - 2006: Sacramento Fire Department (Captain, Ret.).
- 1973 - 1979: United States Peace Corps.

EDUCATION AND CERTIFICATIONS

- Master's Degree, California State University, Sacramento.
- Bachelor of Science, Lewis and Clark College.
- Associate Degree, American River Community College.
- Chief Officer Certification, California State Board of Fire Service.
- Special District Leadership and Management Certification, Special District Institute.

COMMUNITY ACTIVITIES

- Chair, Cordova Community Planning Advisory Council
- Chair, Butterfield Riviera-East Community Association (BRECA).
- Member, American River Parkway Coalition.
- Member, Eppie's Great Race Committee.

Frederick A. Gayle Jr.

7336 Herlong Way, North Highlands, CA 95660

(916) 332-1376

- Objective** To obtain the office of Special District Commissioner Office No. 7 with Sacramento Local Agency Formation Commission and to serve this office to the best of my abilities.
- Experience** Sacramento Suburban Water District, Board Director (2008-Present)
Grant Joint Union School Board of Trustees (2004-2008)
Rio Linda Union School District Board of Trustees (2003-2004)
California School Board Association
National Caucus of Black School Board Members
Sacramento County Affirmative Action Advisory Committee
Sacramento Employment and Training Agency
- Education** Alabama State University 1948-1997
American River College 1970-1996
California State University, Sacramento 1977-2003
University of California Berkeley 1974 A.F.G.E. Sponsored Labor Relations in Public Sector
University of California, Los Angeles 1975
- Achievement** Alphi PHI Alpha Fraternity, Inc.
N.A.A.C.P. Board of Directors, Sacramento
National Association of Year-Round Education
Toastmasters International
- Related Experience** Substitute Teacher's Training, Rio Linda Union School District
Prejudicial Reduction Program, Anti-Defamation League, B'Nai B'rith, California Board President's Workshop Spokesperson, California School Board Curriculum Institute Annual Conference, California Association of Affirmative Action Officers, National School Board Association Annual Conference



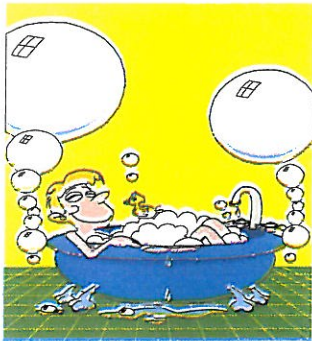
- Decorated Military Veteran
- Financial Services Manager
- School Board President
- Contractors State License Board

Paul Green for LAFCO



I am seeking election because a real need exists to nurture a "farm team" to continue the strong leadership and clear thinking LAFCO has exhibited in the past, and I believe I can provide both. I not only have a long and continuous history of being a volunteer and "giving something back" to the communities wherein I resided, but more importantly, have a history of succeeding as I carried out the dictates of the positions I held.

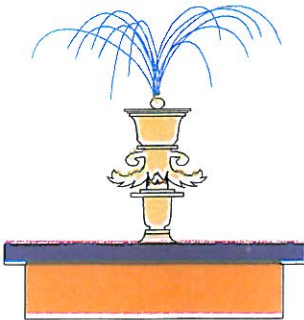
In this instance, I have the requisite skills, abilities and time to be an excellent Board member, and am willing to commit those skills, abilities and time, along with the necessary effort to effectively carry out the duties and responsibilities of the position.



I currently am a member of the Rio Linda/Elverta Community Water Board, and in addition to items displayed in the header, submit that I have the education (Bachelor of Arts degree) and the following as further indication that I have the skills/talents to serve on the LAFCO Board.

I served on the California State Department of Education Legal Compliance Review and Appeals Committees (textbook selection) and the Content Review Panel (textbook review) – one of only two non-educators selected statewide;

I also served as a Recreation and Park Board member, as president of the then 1600 member local Air Force Sergeants Association (AFSA) Chapter as well as a member of the AFSA International Executive Council as president of Division 13 (Alaska, Oregon and Washington states), and as president of both the North Highlands Visions Task Force, and the District 1 Neighborhood Accountability Board. I also served (am serving) on the McClellan Restoration Advisory Board (toxic cleanup) – having served as co-chair for four years.



I worship at Faith Baptist Tabernacle church in North Highlands where I taught the adult Sunday School class for five years.

I was recognized by local public broadcast station, KVIE, as volunteer of the year for serving as on-air studio captain and by Antelope-Highlands Chamber of Commerce as businessman of the year.

My commitment to you: I will work extremely hard to ensure that you receive quality service and will do so without "majoring on the minor."

Feel free to call or contact me by phone or E-mail for additional information.

Thank you for considering me. I ask for your vote.





KURT P. HENKE
Fire Chief

Sacramento Metropolitan Fire District

10545 Armstrong Ave., Suite 200 · Mather, California 95655 · Phone (916) 859-4300 · Fax (916) 859-3700

September 26, 2013

Matt Kelly
Board President

Randy Orzalli
Board Vice President

Grant B. Goold
Board Secretary

Gary Monk
Board Member

Ted Wood
Board Member

Jack Scheidegger
Board Member

D'Elman Clark
Board Member

Gay Jones
Board Member

Dave Pierson
Board Member

Dear Board Members,

The Sacramento Metropolitan Fire District Board of Directors unanimously endorses the re-election of Gay Jones to the position of Special District Commissioner Office No. 7 to the Sacramento Local Agency Formation Commission (LAFCO).

Gay Jones has served on the Board of Directors for the Sacramento Metropolitan Fire District since 2000. She was elected as an Alternate Commissioner on LAFCO in 2004 and was elected as the Special District Commissioner in 2006, and again in 2009. She currently serves as a member of the Board of Directors and is on the Executive Committee to the California State Association of LAFCOs (CALAFCO).

During her time on LAFCO, Commissioner Jones has worked tirelessly to provide fair and balanced representation of all Special Districts. Gay Jones has the knowledge and experience. She is endorsed by a broad range of community leaders.

We believe Commissioner Jones is the best qualified candidate to represent all special districts. Please join the Sacramento Metropolitan Fire District in casting your vote for Commissioner Gay Jones.

Sincerely,

Matt Kelly
President, Board of Directors



KURT P. HENKE
Fire Chief

Matt Kelly
Board President

Randy Orzalli
Board Vice President

Grant B. Goold
Board Secretary

Gary Monk
Board Member

Ted Wood
Board Member

Jack Scheidegger
Board Member

D'Elman Clark
Board Member

Gay Jones
Board Member

Dave Pierson
Board Member

Sacramento Metropolitan Fire District

10545 Armstrong Ave., Suite 200 · Mather, California 95655 · Phone (916) 859-4300 · Fax (916) 859-3700

RECEIVED

OCT 02 2013

Rancho Murieta
Community Services District

Dear Board Members,

I am asking for your vote to continue as your Special District Commissioner on Sacramento County Local Agency Formation Committee (LAFCO).

Fair and balanced representation of Special District service deliveries is a key component of my work on LAFCO. I also carry this voice for Special Districts to the California State Association of LAFCOs (CALAFCO), in my role as a member of the Board of Directors and the Executive Committee.

As a founding member of the Special District Advisory Committee (SDAC), I take pride in our open discussions of district perspectives on LAFCO issues. Our quarterly, public meetings offer a positive platform and unique opportunity for Special District interactions and exchanges. These discussions are integrated into my decision making in many areas.

For example, shared viewpoints from the SDAC and results of our Municipal Service Reviews (MSRs) for our Recreation and Park Districts clearly affirmed the important role our local parks play in defining the identity of our communities. Although some data would suggest consolidations, this identity fulfills a basic need in our neighborhoods. This is why I support our present governance models for Recreation and Park Special Districts.

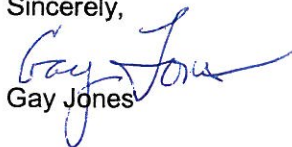
In another example, we commissioners and staff have worked extensively with the Rio Linda Water District and associated agencies to strengthen the water delivery system and establish financial stability within the District. We continue to work with the Water District for future successes.

The City of Elk Grove's proposal to expand their Sphere of Influence (SOI) is another decision before LAFCO. Again, my concern is for a fair and balanced approach. The Cortese-Knox Act focuses on planned and orderly growth, avoiding urban sprawl and concern for maintaining agricultural lands. It is critical to couple that with ensuring reliable service delivery to serve this potential expansion. Whether it is planning for timely response from fire and emergency services, or sustaining water deliveries for new growth in housing and business, LAFCO has the responsibility to plan for adequate and efficient services.

Achieving successful outcomes on LAFCO issues requires professionalism and collaboration. I gratefully acknowledge endorsements from a broad range of community leaders who support my nomination to the Special District Commissioner seat: Ron Greenwood, fellow Special District Commissioner, LAFCO; Chris Tooker, Public Member, LAFCO; Linda Budge, Mayor, City of Rancho Cordova, and Don Nottoli, Sacramento County Supervisor.

Again, I ask for your vote to continue representing Special Districts on our Local Agency Formation Commission. Thank you.

Sincerely,


Gay Jones

Serving Sacramento and Placer Counties



KURT P. HENKE
Fire Chief

Sacramento Metropolitan Fire District

10545 Armstrong Ave., Suite 200 • Mather, CA 95655 • Phone (916) 859-4300 • Fax (916) 859-3702

GAY JONES (Incumbent)

STATEMENT OF QUALIFICATIONS

EXPERIENCE

- 2000 – Present: Director for Sacramento Metropolitan Fire District
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- 2013 – Present: Executive Board Member, CALAFCO
- 2004 – 2006: Alternate Commissioner for Sacramento LAFCo
- 1981 – 2006: Sacramento Fire Department (Captain, Ret.)
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- Master's Degree, California State University, Sacramento
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- Chief Officer Certification, California State Board of Fire Service
- Special District Leadership and Management Certification, Special District Institute

COMMUNITY ACTIVITIES

- Chair, Cordova Community Planning Advisory Council
- Chair, Butterfield Riviera – East Community Association (BRECA)
- Member, American River Parkway Coalition
- Member, Eppie's Great Race Committee

CONFERENCE/EDUCATION SCHEDULE

Date: October 9, 2013
To: Board of Directors
From: Suzanne Lindenfeld, District Secretary
Subject: Review Upcoming Conference/Education Opportunities

This report is prepared in order to notify Directors of upcoming educational opportunities. Directors interested in attending specific events or conferences should contact me to confirm attendance for reservation purposes. The Board will discuss any requests from Board members desiring to attend upcoming conferences and approve those requests as deemed appropriate.

Board members must provide brief reports on meetings that they have attended at the District's expense. (AB 1234).

The upcoming conferences/educational opportunities include the following:

CALIFORNIA SPECIAL DISTRICT ASSOCIATION (CSDA)

CSDA Emergency Preparedness	November 6, 2013	Webinar
Special District Leadership Academy	November 18-20, 2013	Napa

GOLDEN STATE RISK MANAGEMENT ASSOCIATION (GSRMA)

GSRMA Annual Training Day	October 24, 2013	Rolling Hills Resort Corning, CA
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SPECIAL DISTRICT AND LOCAL GOVERNMENT INSTITUTE (SDI)

No Information Currently Available on Upcoming Conferences.

ASSOCIATION OF CALIFORNIA WATER AGENCIES (ACWA)

No Information Currently Available on Upcoming Conferences.

WATEREUSE ASSOCIATION

No Information Currently Available on Upcoming Conferences.

AMERICAN WATER WORKS ASSOCIATION (AWWA)

No Information Currently Available on Upcoming Conferences.

ISC WEST

No Information Currently Available on Upcoming Conferences.

CALIFORNIA RURAL WATER ASSOCIATION

No Information Currently Available on Upcoming Conferences.

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To ensure receipt of our email, [please add 'CSDA@informz.net'](mailto:CSDA@informz.net) to your address book.



NOVEMBER 17-20, 2013 - NAPA VALLEY MARRIOTT

SPECIAL DISTRICT LEADERSHIP ACADEMY CONFERENCE

presented by CSDA and
co-sponsored by SDRMA



Save \$50 for the First Attendee and \$125 for each Additional Attendee by Registering On or Before October 17!

Participate in the newly formed Special District Leadership Academy Conference, where you can complete all four modules of the Academy during the course of two and half days.

This conference content is based on CSDA's Special District Leadership Academy (SDLA) groundbreaking, curriculum-based continuing education program that recognizes the necessity for the board and general manager to work closely toward a common goal. SDLA provides the knowledge base to perform essential governance responsibilities. CSDA has created this conference to provide new board members with the immediate training they need to lead effectively and to provide experienced board members with current practices and information about the key concerns facing special districts.

Just Added! Optional Session on Tuesday, November 19, **What New Board Members and Managers Need to Know About Their Districts' Employee Benefits Plans**. This two-hour workshop is designed to provide new board members and managers with a high-level appreciation of:

- the typical types of employee benefit plans maintained by special districts.
- the principal differences between governmental plans and private sector plans.
- the various parties to most retirement plans and their respective roles.
- the fiduciary duties and responsibilities that go with public agency employee benefit plans.
- and more!

Other sessions include: Building a Foundation for Good Governance, Fulfilling Your District's Mission - Charting the Course, Get the Word Out! Best Practices for Communication and Outreach, Defining Board & Staff Roles and Relationships, and Show Me the Money! What Do Board Members Need to Know about District Finances?

Earn SDRMA Credit Incentive Points. Check out the full conference website and register online at www.csdanet.net/sdla. You can download the full SDLA Conference brochure by [clicking here](#).

Is your district budget under \$5 million? Over \$3,000 in scholarship funds are still available to special district directors and trustees through the Special District Leadership Foundation Education Allowance Fund. [Click here to download an application](#).

[California Special Districts Association](http://www.csdanet.net) | 1112 I Street | Suite 200 | Sacramento, CA 95814



If you do not wish to receive e-mail newsletters from CSDA, [click here to unsubscribe](#). Please note: unsubscribing from individual mailings will unsubscribe you from all mailings.

