



RANCHO MURIETA COMMUNITY SERVICES DISTRICT

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

February 19, 2014

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
February 19, 2014

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

All persons present at District meetings will place their cellular devices in silent and/or vibrate mode (no ringing of any kind). During meetings, these devices will be used only for emergency purposes and, if used, the party called/calling will exit the meeting room for conversation. Other electronic and internet enabled devices are to be used in the "silent" mode. Under no circumstances will recording devices or problems associated with them be permitted to interrupt or delay District meetings.

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 and APN 128-0100-029. Real Property Agency Negotiator: Edward R. Crouse, General Manager. Negotiating Party: Cosumnes River Land, LLC and Rancho Murieta Properties, LLC. Under Negotiation: Price and Terms.</i> <i>Under Government Code 54957: Public Employee Appointment: Title: District General Counsel.</i> <i>Under Government Code 54957: Public Employee Employment: Title: General Manager.</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. January 15, 2014 Regular Board Meeting
 - 2. January 24, 2014 Board Goal Workshop
 - b. Committee Meeting Minutes (Receive and File)**
 - 1. January 31, 2014 Security Committee Meeting
 - 2. February 5, 2014 Personnel Committee Meeting
 - 3. February 6, 2014 Improvements Committee Meeting
 - 4. February 6, 2014 Finance Committee Meeting
 - 5. February 7, 2014 Communication & Technology Committee Meeting
 - 6. January 13, 2014 Safety 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 Adam Dubey, dated January 17, 2014
 - b.** Letter from Residents, dated February 13, 2014
- 11. RECEIVE WATER TREATMENT PLANT EXPANSION PROJECT UPDATE** 5:30
 (Discussion/Action) (10 min.)
- 12. APPROVE HDR PROPOSAL FOR ENGINEERING SERVICES DURING CONSTRUCTION (Discussion/Action) (Motion) (5 min.)** 5:40
- 13. RECEIVE DROUGHT UPDATE (Discussion/Action) (10 min.)** 5:45

- 14. TIME ITEM - PUBLIC HEARING - 5:30 - TO ADOPT RESOLUTION 2014-04, A RESOLUTION ADOPTING A MITIGATED NEGATIVE DECLARATION FOR THE WATER TREATMENT PLANT EXPANSION PROJECT AND APPROVING THE PROJECT** (10 min.) (Time is approximate but will not be conducted before 5:30 p.m.) 5:55
- a. Presentation by Staff.
 - b. The Board President will open a public hearing for adoption of Resolution 2014-04, adopting a Mitigated Negative Declaration for the Water Treatment Plant Expansion Project.
 - c. The Board President will close the public hearing for adoption of Resolution 2014-04, adopting a Mitigated Negative Declaration for the Water Treatment Plant Expansion Project.
 - d. Adoption of Resolution 2014-04, adopting a Mitigated Negative Declaration for the Water Treatment Plant Expansion Project and approving the Project (Discussion/Action) (Motion) (Roll Call Vote)
- 15. ADOPT RESOLUTION 2014-03, DECLARING THE DISTRICT'S OFFICIAL INTENT TO REIMBURSE EXPENDITURES FROM THE PROCEEDS OF TAX EXEMPT SECURITIES** (Discussion/Action) (Motion) (Roll Call Vote) (5 min.) 6:05
- 16. APPROVE DISTRICT'S PROP 218 NOTIFICATION REGARDING TIERED PRICING** (Discussion/Action) (Motion) (Roll Call Vote) (10 min.) 6:10
- 17. SECURITY DEPARTMENT ANNUAL REPORT – PRESENTATION BY GREG REMSON, SECURITY CHIEF** (Discussion/Action) (15 min.) 6:20
- 18. APPROVE TITLE 22 ENGINEERING REPORT AND REPORT OF WASTE DISCHARGE, AECOM CONTRACT AMENDMENT 1** (Discussion/Action) (Motion) (5 min.) 6:35
- 19. APPROVE PROPOSAL FOR MASTER RECLAMATION PERMIT CEQA COMPLIANCE** (Discussion/Action) (Motion) (5 min.) 6:40
- 20. APPROVE PROPOSAL FOR UPDATING DISTRICT STANDARD CONSTRUCTION SPECIFICATIONS** (Discussion/Action) (Motion) (5 min.) 6:45
- 21. APPROVE PROPOSAL FOR QUARTERLY AND ANNUAL GROUNDWATER MONITORING REPORTS AND SERVICES** (Discussion/Action) (Motion) (5 min.) 6:50
- 22. APPROVE PROPOSAL FROM DUNN ENVIRONMENTAL, INC., FOR PRODUCTION WELL CONSTRUCTION PLANS AND SPECIFICATIONS** (Discussion/Action) (Motion) (5 min.) 6:55

- 23. APPROVE THE PROPOSED CASH FOR GRASS REBATE PROGRAM** 7:00
(Discussion/Action) (Motion) (5 min.)
- 24. ADOPT RESOLUTION 2014-02, CALLING THE GENERAL DISTRICT ELECTION** 7:05
(Discussion/Action) (Motion) (Roll Call Vote) (5 min.)
- 25. APPROVE ADDITIONAL COSTS FOR MAIN LIFT NORTH PROJECT** 7:10
- a. Additional Inspection Costs - Bay Area Coating Consultant Services, Inc.
(Discussion/Action) (Motion) (5 min.)
 - b. Additional Repair Costs - Sholl Construction Company, Inc.
(Discussion/Action) (Motion) (5 min.)
- 26. RECEIVE UPDATE ON AIRPORT PROPERTIES** (Discussion/Action) (5 min.) 7:20
- 27. RECEIVE UPDATE ON REPLACEMENT RESERVE STUDY** (Discussion/Action) (5 min.) 7:25
- 28. REVIEW AND SELECT CONFERENCE/EDUCATION OPPORTUNITIES** 7:30
(Discussion/Action) (Motion) (5 min.)
- 29. REVIEW MEETING DATES/TIMES FOR THE FOLLOWING:** (5 min.) 7:35

Next Regular Board Meeting: February 19, 2014

SPECIAL BOARD MEETING: February 28, 2014 @ 9:30 a.m.

Committee Meeting Schedule:

✚ Personnel	March 5, 2014 at 9:00 a.m.
✚ Improvements	March 6, 2014 at 8:30 a.m.
✚ Finance	March 6, 2014 at 9:30 a.m.
✚ Communications	March 7, 2014 at 9:00 a.m.
✚ Security	March 7, 2014 at 9:30 a.m.
✚ Joint Security -	T.B.A.
✚ Parks -	T.B.A.

- 30. COMMENTS/SUGGESTIONS – BOARD MEMBERS AND STAFF** 7:40
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.
- 31. ADJOURNMENT** (Motion) 7:45

"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 February 14, 2014. 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

January 15, 2014

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, Betty Ferraro, Paul Gumbinger and Michael Martel. 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.

2. ADOPT AGENDA

President Pasek suggested Agenda Item 16 and 17 be moved up to follow Agenda Item 12. **Motion/Ferraro** to adopt the agenda with the suggested changes. **Second/Gumbinger. Ayes: Pasek, Belton, Ferraro, Gumbinger, and Martel. Noes: None.**

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 54957: Public Employee Performance Review: Title: General Manager.

Under Government Code 54957.6: Conference with Labor Negotiator. Agency Designated Representative: Gerald Pasek. Unrepresented Employee: District General Manager.

Under Government Code 54957: Public Employee Performance Review: Title: District General Counsel.

5/6. BOARD RECONVENED TO OPEN SESSION AT 5:02 P.M. AND REPORTED THE FOLLOWING:

Under Government Code 54957: Public Employee Performance Review: Title: General Manager. Nothing to report.

Under Government Code 54957.6: Conference with Labor Negotiator. Agency Designated Representative: Gerald Pasek. Unrepresented Employee: District General Manager. Nothing to report.

Under Government Code 54957: Public Employee Performance Review: Title: District General Counsel. Nothing to report.

7. COMMENTS FROM THE PUBLIC

Phil Neth, Rio Oso Drive, commented on his concern with water being put in Guadalupe Detention Basin. Ed Crouse stated that in 1997 when the duplexes were built, the developers made an agreement with Rancho Murieta Association (RMA) to enhance the detention basin. The 12 homes

surrounding the basin all pay an additional charge on their RMA bill to pay for the maintenance and upkeep. Director Martel suggested Ed speak to RMA regarding Mr. Neth's concerns.

8. CONSENT CALENDAR

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

9. STAFF REPORTS

Under Agenda Item 9 b, Director Pasek asked about the new health care contract. Darlene Gillum stated that there is no change to any of the District's plans benefits. Premium cost increase 2% for lowest cost HMO.

10. CORRESPONDENCE

None.

11. RECEIVE PRESENTATION ON PROPOSED HIGHWAY 16 RELINQUISHMENT

Michael Penrose, County of Sacramento Department of Transportation Director (SacDOT) gave a brief summary of the County's position for accepting the relinquishment of State Route 16 (Jackson Highway), approximately 10 miles of Highway 16 east of State Route 50. Sacramento County, Sacramento City and the City of Rancho Cordova would take control and plan to change the section from Power Inn Road to Grant Line Road to a 6 lane road, with bike lanes, and add 12 more traffic lights. This project, if it goes through, will take 30 to 50 years to complete.

Director Ferraro commented on the dangerous conditions for bike lanes on Scott Road and suggested the bike lane signs be removed.

Charles Field, Amador County Transportation Commission (ACTC) gave a brief summary of ACTC's opposition to the relinquishment. ACTC would like to keep Highway 16 an expressway. Amador County will be holding a workshop next Thursday, January 23, 2014 to discuss this matter with the community.

SacDOT and ACTC will also be making a presentation to the Rancho Murieta Association (RMA) Board of Directors.

Supervisor MacGlashan commented that Caltrans has stated that they will not be doing any enhancements to Highway 16, they will only do basic maintenance. Supervisor MacGlashan feels that with the upgrades the County wants to do, the road will be much safer to drive on.

Ted Hart commented on how interesting he feels the discuss was, that he feels Caltrans is effecting development, and that he is glad it was brought to the Board's attention.

12. RECEIVE DROUGHT PLANNING UPDATE

a. Dry Year Status and Drought Tracker Model Presentation by Lisa Maddaus

Lisa Maddaus, Maddaus Water Management, stated that 2013 was the driest year ever on record and gave a presentation regarding the current dry conditions, overview of dry year conditions and

forecasts, current and historical reservoir supplies and demands, and the recommendation to have the Board declare a Stage 2 Water Alert, which calls for a voluntary 20% cut in water use. A discussion followed.

Director Martel asked if it would be beneficial for the District to deepen reservoirs to be able to increase capacity. Ed Crouse stated that it is actually better to increase the volume by raising the dam level, but the cost prohibits it being done.

b. Diversion Rates and Timing

Ed Crouse gave a brief summary of the water diversion rates and timing. The District cannot divert until the river flows are 70 cfs. Currently, the river flows are 22-24 cfs.

c. Augmentation Well Construction Update

Ed Crouse gave a brief summary of the status of the augmentation well(s) construction. The goal is to have the well(s) on line by September 1, 2014. This allows a nine (9) month window to complete design, bid, and construction. However, we have several contingencies planned if critical items are not ready by September.

d. Stage 2 Drought Declaration

Ed Crouse gave a brief summary of the recommendation to have the Board declare a Stage 2 Water Alert effective February 1, 2014. Under a Stage 2 Water Alert, the District is required to provide customers a 10 day notice of implementing Stage 2 water demand reduction measures.

Director Martel stated that he is against tiered pricing and feels the District should reward customers who do conserve water. Ed Crouse stated that approval of the Stage 2 Water Alert does not make tiered pricing effective, that will have to come back to the Board for approval at a future date.

In addition, the District Drought Communication Outreach and Education Plan include special mailings, press releases, conservation tips, drought fairs, new website page, and landscape watering restrictions, enforcement and fines.

Motion/Gumbinger that based on the ongoing drought conditions that adversely impact the District's ability to fill its three (3) water supply reservoirs, the Board finds that a potential water shortage exists and hereby declares a Stage 2 Water Warning and that customers should reduce their water usage by at least 20%. **Second/Belton. Roll Call. Ayes: Pasek, Belton, Ferraro, Gumbinger, Martel. Noes: None.**

16. APPROVE GENERAL MANAGER RECRUITMENT PROPOSAL (taken out of order)

President Pasek stated that he was surprised by the Personnel Committee's recommendation. Director Belton stated that she called references listed in the proposals and feels that Peckham and McKenney would be better. President Pasek agreed.

Director Gumbinger stated that the Personnel Committee Directors reviewed and rated all three (3) proposals separately and each recommended BHI Management Consulting but has no

objection to Peckham and McKenney. Director Ferraro stated that she felt BHI Management Consulting allowed for the Board to be most involved in the process. Director Martel suggested interviewing all three (3) firms after the Board Goal Workshop.

Motion/Belton to approve the proposal from Peckham and McKenney for general manager recruitment in an amount not to exceed \$25,000. Funding to come from Administration Operating Budget. **Second/Pasek. Ayes: Pasek, Belton, Gumbinger, Martel. Noes: Ferraro.**

17. APPROVE GENERAL MANAGER'S EMPLOYMENT AGREEMENT AMENDMENT

Jonathan Hobbs, District General Counsel, stated the only change to the General Manager's Employment Agreement Amendment, Attachment A is the addition of a provision making a payment to the General Manager to off-set the additional tax liability resulting from the General Manager making a 5% PERS contribution, as opposed to a 3% contribution. The payment will be made no later than June 30, 2014. Director Martel commented that he did not want to raise the General Manager's salary.

Motion/Belton to approve the proposed Seventh (7th) Amendment to the Employment Agreement for the General Manager and the Board to authorize the Board President to sign the amendment on behalf of the District with the above noted change. **Second/Gumbinger. Ayes: Pasek, Belton, Gumbinger, Martel. Noes: Ferraro.**

Director Belton left at 7:50 p.m.

13. RECEIVE BUDGET PROCESS AND SURPLUS FUNDS PROCESS PRESENTATION

Darlene Gillum gave a brief summary of the budget process. The District uses a blended 'zero based budgeting' approach. If there is a proposed rate increase, the "Worst Case" budget presented to the Board in March is used for the Prop 218 Notice of Rate Increase Public Hearing. The goal of the budget process is to have the budget approved and adopted at the June Board meeting, for any rate changes to be in effect July 1. A question and answer period followed. Director Martel will be meeting with Darlene to go over the budget.

Darlene gave a brief summary of the surplus funds process. Surplus is revenue less expenses. At the end of each fiscal year, the surplus or shortage rolls into the fund's net position. A Working Capital ratio of 3 to 6 months coverage is generally accepted for operating reserve. If more, a recommendation is made to the Board to transfer a portion to Capital Replacement Reserves. A question and answer period followed.

14. REPORT BACK ON SECURITY AD HOC COMMITTEE FORMATION

Director Martel gave a brief summary of his proposed Security Ad Hoc Committee. The goal of the Committee is to enhance the Security Surveillance Camera Plan and Security Strategic Plan to reduce crime, including vandalism and thefts, throughout the community with the use of surveillance cameras. Membership will consist of Director Martel, Security Chief Remson, and 3-6 community members. The Committee will meet 3 to 4 times and a recommendation will be made to the Board at the June 2014 Board meeting.

Jonathan Hobbs, District General Counsel, stated that any public that are on the Ad Hoc Committee are subject to the Brown Act.

Motion/Ferraro to approve the proposed Security Ad Hoc Committee. **Second/Gumbinger. Ayes: Pasek, Ferraro, Gumbinger, Martel. Noes: None. Absent: Belton.**

15. RECEIVE UPDATE ON WATER TREATMENT PLANT EXPANSION PROJECT

a. Water Treatment Plant Cost Tracking Spreadsheet

Darlene Gillum stated that District labor costs will be included in future spreadsheets

b. Financing Alternatives

Darlene Gillum gave an update on the Water Treatment Plant Expansion Financing alternatives and the recommendation that the District initially self-fund the District's \$3.0mm cost share and execute a reimbursement resolution at the February Board meeting which will allow the District time to evaluate whether internal reserve borrowing or obtaining a private placement is the best option. A discussion followed.

Director Martel suggested looking into whether the District has any EDUs to sell.

c. CEQA Initial Study/Negative Declaration Update

HDR completed the Initial Study/Mitigated Negative Declaration (IS/MND) including the back wash waste line. It has been sent to the State Clearinghouse and released for review. It is also posted on our website. Comments are due back by February 10, 2014. A Board hearing for final public comments and approval will be scheduled for our February Board meeting.

d. Design Update

HDR completed 100% plans and specifications on January 8, 2014. Roebbelen is now preparing trade bidding packages. They expect to release the bid packages early next week. A pre-job meeting and site walk through is scheduled for January 23, at 10:00 a.m.

e. Trade Contractor Prequalification

Nothing new to report.

f. Approve GE Contract for Membrane System

Ed Crouse gave a brief summary of the recommendation to approve the contract with GE for the membrane equipment for the Water Treatment Plant Expansion Project. The 10 year warranty includes 2 years full replacement and 8 years pro-rated.

Motion/Gumbinger to approve the GE contract for membrane equipment for the Water Treatment Plant Expansion Project and authorize the General Manager to execute the contract in substantially the form presented, subject to approval as to form by the District's General Counsel, in an amount not to exceed \$2,173,800. Funding to come from Water Replacement Reserves, subject to reimbursement from developers for their fair share of core cost and treatment membranes, as costs are incurred. **Second/Martel. Ayes: Pasek, Ferraro, Gumbinger, Martel. Noes: None. Absent: Belton.**

g. Approve HDR Fee Agreement Amendment #1

Ed Crouse gave a brief summary of the recommendation to approve the amendment for additional services submitted by HDR related to the Water Treatment Plant Project. This work, which has been identified as being required, includes design of septic tank pumping station and force main, design of miscellaneous site improvements, design of miscellaneous instrumentation and control improvements, and additional meetings.

Motion/Gumbinger to approve HDR Water Treatment Plant Expansion Project Fee Amendment #1, in an amount not to exceed \$62,204. Funding to come from Wells Fargo Letters of Credit. **Second/Ferraro. Ayes: Pasek, Ferraro, Gumbinger, Martel. Noes: None. Absent: Belton.**

18. REVIEW AND SELECT CONFERENCE/EDUCATION OPPORTUNITIES

Director Gumbinger will be attending the California Special Districts Association How to be an Effective Board Member conference on January 30 2014 in Sacramento.

Motion/Gumbinger for Director Martel and Chief Remson to attend the ISC West Security Conference in Las Vegas April 2 - 4, 2014. **Second/Ferraro. Ayes: Pasek, Ferraro, Gumbinger, Martel. Noes: None. Absent: Belton.**

19. MEETING DATES/TIMES

No changes.

20. COMMENTS/SUGGESTIONS – BOARD MEMBERS AND STAFF

Paul Siebensohn commented on conserving water, the District contracting with a leak detection service, and staff will be tagging doors of water wasters.

President Pasek stated that the District will be looking for a new legal counsel as Jonathan Hobbs' last day representing the District is March 31, 2014.

Director Gumbinger commented on his concern about the increase landscape with the new North Gate.

Director Ferraro stated the next Parks Committee meeting may be on January 28 or 29. Bike trails will be on the agenda.

Ed Crouse stated he will be on vacation April 18 - 25, 2014.

21. ADJOURNMENT

Motion/Gumbinger to adjourn at 9:06 p.m. **Second/Ferraro. Ayes: Pasek, Ferraro, Gumbinger, Martel. Noes: None. Absent: Belton.**

Respectfully submitted,

Suzanne Lindenfeld
District Secretary

RANCHO MURIETA COMMUNITY SERVICES DISTRICT
BOARD GOAL WORKSHOP
January 24, 2014 – 9:00 a.m.

1. CALL TO ORDER/ROLL CALL

President Gerald Pasek called the Board Goal Workshop meeting of the Board of Directors of Rancho Murieta Community Services District to order at 9:00 a.m. in the District meeting room, 15160 Jackson Road, Rancho Murieta. Directors present were Gerald Pasek, Roberta Belton, Betty Ferraro, Paul Gumbinger, and Michael Martel. Also present were Edward R. Crouse, General Manager/District Engineer; Darlene Gillum, Assistant General Manager; Greg Remson, Security Chief; Paul Siebensohn, Director of Field Operations; and Suzanne Lindenfeld, District/Recording Secretary.

2. ADOPT AGENDA

President Pasek stated that Agenda Item 9 would be closed session. **Motion/Gumbinger** to adopt the agenda with the noted change. **Second/Belton. Ayes: Pasek, Belton, Ferraro, Gumbinger, and Martel. Noes: None.**

3. COMMENTS FROM THE PUBLIC

None.

4. REVIEW/DISCUSSION OF DISTRICT POLICY 2010-02

President Pasek gave a brief summary of what a goal is. A short discussion followed.

5. DEPARTMENT YEAR END UPDATES AND 2013 PROJECTIONS

Security Department

Accomplishments for 2013: Reviewed patrol and gate operations procedures, repaired a gate operator at the South Gate, repaired a barcode reader at the South Gate, continued the use of the patrol laptop computer and in-car/body worn video, hired two (2) full time Patrol Officers and one (1) full time Gate Officer, Patrol Officers attended state required training, worked on Surveillance Camera Plan, continued speeding and stop sign enforcement with RMA, cooperation and interaction with RMA Compliance continued, worked on new North Gate plan with RMA, VIPS community patrol continued, corresponded with and updated SSD and CHP on related community activities and needs, use of off-duty Sheriff's deputies continued, and Officers attended and assisted with community events.

Goals for 2014: Increase use of cameras for CSD, RMA and other facilities, in-car video cameras, purchase additional laptop for patrol, purchase new portable radios, purchase new base radio for North Gate, change from in-house server to ABDI hosted server, continue cooperation and interaction with RMA, training-both formal and in-service, review Gate and Patrol Operations Manual, educate residents on Gate Policy, implement and train on new ABDI dispatch module, install License Plate Reader camera at South Gate Visitor Lane, complete the Surveillance Camera Plan, continue working with RMA on the new North Gate, complete building maintenance-Safety Center and South Gate, evaluate long term staffing needs, update website, community outreach.

Administration

Accomplishments for 2013: Implemented Paymentus on-line payment service, continue cross training of staff, awarded IT Services Contract, transitioned to Exchange email, moved website hosting, evaluated communications network and made recommendations to improve Internet connectivity/speed, created new billing statement format to include usage charts for usage comparison, created AP email address for vendors who prefer to send invoices electronically, Admin building exterior painted, cracks sealed, roof inspected, eave under-hang leak repaired.

Goals for 2014: Employee intranet, online time tracking, finalize WTP1 Expansion financing, evaluate systems and processes in preparation of new development, continue cross training of staff, upgrade to fiber optic lines for communications, assist Security in moving ABDI services to remote hosted site, implement electronic document management system, formalize Business Continuity Plan, provide e-statements to customers, HVAC system evaluation, fire sprinkler system maintenance, kitchen electrical upgrade, interior maintenance (paint, doors, flooring, etc.).

Water/Wastewater/Drainage Department

Accomplishments for 2013: completed Title 22 Report and Report of Waste Discharge in support of obtaining a Master Reclamation Permit, obtained and utilized Vector Control NPDES and APA NPDES for T/O control, replaced three valves at WWRP, completed test holes and geological report and preparation for augmentation wells, completed plans and specifications for WTP Expansion Project, completed recycled water standard construction specifications, clarified Clementia for raw water use.

Goals for 2014: obtain a Master Reclamation Permit, update Sanitary Sewer Management Plan, complete MLN Project, slide gate valve replacement at central pond drain structure, complete augmentation well, Water Treatment Plant Expansion Project, continue implementation of District's Conservation Work Plan, increase community awareness, enforce conservation guidelines, culvert replacement at Hole #13 North; update Stormwater Management Program, continue to find and implement Power Savings for District, review development plans, continue to update and organize District Plans and specifications, continue to digitize historical documents.

The Board took a break at 10:28 a.m. and resumed at 10:34 a.m.

6. GOAL PLANNING

Review of 2013 Board Goals

Ed Crouse gave a brief review and status report on the 2013 Board Goals. During the review of the goals, a short Board dialogue ensued.

Review Strategic Plan Action Items

No review.

Review of 201e Dialogue Sheet

Each Director gave a brief summary of their item on the 2013 dialogue sheet, their intent, and desired outcome. These categories included Water/Wastewater, Security, Community Relations,

RMA/RMCC Relations, Employee Relations, Development and District Board. During presentation of each goal suggestion, a short Board dialogue ensued.

After much dialogue, the following new goals were agreed to:

NEW GOAL
<i>Water/Wastewater/Drainage</i>
Expedite augmentation wells availability
Establish process for tracking/showing water availability as the drought continues
Establish process for indicating conservation goal, progress and include on website
Monitor and report development issues/progress via routine reports to the BOD.
Determine maximum additional capacity that could be gained from deepening Calero Reservoir and estimate cost to accomplish
<i>Security</i>
Develop legal innovative concepts for additional financing for support of “District Security”
Develop for BOD approval a security fee application policy and near term (5 yr.) plan
<i>Community Relations</i>
<i>None.</i>
<i>Development</i>
<i>None.</i>
<i>EMPLOYEE RELATIONS</i>
Negotiate long-term OE-3 labor contract prior to expiration of the existing incorporating objectives established by the BOD.
<i>DISTRICT/BOARD</i>
Complete formal reserve study by an outside agency and provide recommendations relative to excess, if any, and long term funding needs.

7. BOARD ADJOURNED TO CLOSED SESSION AT 11:55 A.M. TO DISCUSS THE FOLLOWING ITEMS:

General Manager Recruitment - discuss goals, timing and process with Phil McKenney, Peckham and McKenney.

8. BOARD RECONVENED TO OPEN SESSION AT 12:50 P.M. AND REPORTED THE FOLLOWING:

General Manager Recruitment - discuss goals, timing and process with Phil McKenney, Peckham and McKenney. Nothing to report.

9. COMMENTS AND SUGGESTIONS FROM BOARD MEMBERS AND STAFF

Director Belton stated she will not be at the January 31, 2014 Security Committee meeting.

Director Ferraro thanked Mr. McKenney for attending the meeting. Director Belton stated she feels this will be a smooth transition.

President Pasek stated that staff is overloaded right now with all the projects and drought items and asked that the Board not burden staff with petty things.

10. ADJOURNMENT

Motion/Ferraro to adjourn at 12:54 p.m. **Second/Gumbinger. Ayes: Pasek, Belton, Ferraro, Gumbinger, Martel.**

Respectfully submitted,

Suzanne Lindenfeld
District Secretary

DRAFT

MEMORANDUM

Date: January 31, 2014
To: Board of Directors
From: Security Committee Staff
Subject: January 31, 2014 Security Committee Meeting

1. CALL TO ORDER

Director Martel called the meeting to order at 9:30 a.m. Present was Director Martel. Present from District staff were Greg Remson, Security Chief and Suzanne Lindenfeld, District Secretary. Director Belton was absent.

2. COMMENTS FROM THE PUBLIC

None.

3. MONTHLY UPDATES

Operations

The Department is fully staffed, although a Patrol Officer was off for two (2) weeks with the flu.

Incidents of Note

Chief Remson gave a brief overview of the incidents of note for the month of January 2014.

During the month of January, District Security Patrol Officers also responded to complaints of loud music, parties and disturbances.

RMA Citations/Admonishments

Chief Remson reported on the following Rancho Murieta Association (RMA) rule violation citations for the month of January, which included 15 overnight street parking and 13 driveway parking. RMA rule violation admonishments and/or complaints for the month of January included 24 loose/off leash dogs, 19 open garage doors and 6 barking dogs.

Rancho Murieta Association Compliance/Grievance/Safety Committee Meeting

The meeting was held on January 6, 2014 at the Rancho Murieta Association (RMA) office. There were three (3) appearances regarding parking and chickens. The next meeting is scheduled for February 3, 2014.

New North Gate

The committee met on January 28, 2014. RMA is close to making a presentation to the public.

4. SECURITY AD HOC COMMITTEE

Director Martel stated that the Committee will meet in March 2014. Some of the Committee members will be attending the ISC Security Conference and Show in Las Vegas.

5. ALTERNATIVE VEHICLE UPDATE

Chief Remson stated that after looking at options and receiving input from patrol officers, our present use of SUVs are best suited to patrol the District's roadways, residential and commercial areas, undeveloped areas, and Jackson Road. With future development, including a hotel and increased residential and commercial development, the use of alternative vehicles can be readdressed later.

6. DIRECTOR & STAFF COMMENTS

Director Martel stated he would be meeting with RMA to discuss ways to make the process for Summer Fest easier for Security. He would also like to discuss ways to reduce vandalism calls when school is out.

7. ADJOURNMENT

The meeting adjourned at 9:48 a.m.

DRAFT

MEMORANDUM

Date: February 5, 2014
To: Board of Directors
From: Personnel Committee Staff
Subject: February 5, 2014 Personnel Committee Meeting

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

COMMENTS FROM THE PUBLIC

None.

GENERAL MANAGER RECRUITMENT UPDATE

Suzanne stated that Mr. McKenney will be meeting with managers next week with the goal of having the draft brochure ready for Board review at the February 19, 2014 Board meeting. After a discussion, the Committee recommended the following changes to the schedule: Recommendation of Candidates meeting with Board from April 22 to April 23, 2014 Board meeting and the first round of interviews from May 7 to May 9, 2014. Suzanne will notify Mr. McKenney of the suggested changes.

GENERAL COUNSEL RECRUITMENT

Ed Crouse gave a brief summary of the draft Request for Proposal - District General Counsel. After a discussion, the Committee agreed sending out the Request for Proposal with some minor edits which includes indicating that the General Counsel report to the Board of Directors, attending of Board of Director meetings is on an as needed basis, and to change the Board interview/selection day to March 14, 2014. Staff will make the edits and send out by the close of business tomorrow.

DIRECTORS' & STAFF COMMENTS/SUGGESTIONS

Director Gumbinger commented on his having attended the CSDA training and suggested the Board review and update the District's mission statement and strategic plan.

Director Ferraro commented on her concerns regarding the letter RMA received from the County including Escuela Park into Stonehouse Park's master plan, the use of water, water augmentation fees. Darlene stated that it does not eliminate the augmentation fees.

Director Ferraro commented on a resident's concern about RMA using trucks to take water from Laguna Joaquin to irrigate other areas. Darlene Gillum stated that is RMA's raw water, not the Districts, so any concerns need to be addressed with RMA.

ADJOURNMENT

The meeting was adjourned at 9:44 a.m.

DRAFT

MEMORANDUM

Date: February 6, 2014
To: Board of Directors
From: Improvements Committee Staff
Subject: February 6, 2014 Committee Meeting Minutes

1. CALL TO ORDER

Director Pasek called the meeting to order at 8:30 a.m. Present were Directors Pasek and Gumbinger. 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.

2. COMMENTS FROM THE PUBLIC

None.

5. APPROVE TITLE 22 ENGINEERING REPORT AND REPORT OF WASTE DISCHARGE, AMENDMENT 1 (Taken out of order)

Ed Crouse and Kevin Kennedy, AECOM, gave a brief summary of the recommendation to approve Title 22 Engineering Report and Report of Waste Discharge, Amendment 1, allocating the remaining fee for Title 22 Engineering Report and Report of Waste Discharge to permit negotiations and Rancho Murieta Country Club outreach. A short discussion followed. **This item will be on the District's February 19, 2014 Regular Board meeting agenda.**

6. APPROVE PROPOSAL FOR WASTE DISCHARGE REQUIREMENT RENEWAL CEQA COMPLIANCE

Ed Crouse gave a brief summary of the recommendation to approve the proposal from AECOM for CEQA compliance for the new Master Reclamation Permit. The Regional Water Quality Control Board requires this be completed. **This item will be on the District's February 19, 2014 Regular Board meeting agenda.**

7. APPROVE AECOM PROPOSAL FOR UPDATING DISTRICT STANDARD CONSTRUCTION SPECIFICATIONS

Ed Crouse gave a brief summary of the recommendation to approve the proposal from AECOM to update the District's Standard Construction Specifications, dated May 1, 1993. The updates will include recycled water specifications. **This item will be on the District's February 19, 2014 Regular Board meeting agenda.**

3. UPDATES

Main Lift North Rehabilitation Project

Paul Siebensohn stated the rehabilitation work for the wet wells within Main Lift North and the two (2) manholes has been completed. Installation of the access door and hoist among other minor punch-list items are remaining. It is anticipated the project should be completed by the February 19, 2014 Board meeting.

Augmentation Well

Paul Siebensohn stated that staff has been working diligently to expedite the Augmentation Well Project. SMUD and the California Department of Public Health (CDPH) have also expedited their processes regarding well installation as both have been out to review the sites. Load calculations for power have been estimated and no new service is required for well site A and a 200 amp SMUD service would be required at well site B. The SMUD application and fee for design services for site B have been submitted. The CEQA IS/MND is due shortly, and then out for public review and comment, in time for award of drilling contracts in late April. The goal is to have the well(s) on line by September 2014.

Staff will be meeting with the land owner to update Rights of Entry and finalize long term easement agreements.

4. WATER TREATMENT PLANT EXPANSION PROJECT

CEQA IS/MND

The Initial Study/Mitigated Negative Declaration (IS/MND) was sent to the state Clearinghouse in early January. The comment period closes February 10, 2014. HDR will then address any comments received and will have the final IS/MND ready for a public hearing and approval for our February 19, 2014 Board meeting or at the latest, at our February 21, 2014 Special Board meeting.

Bid and Award

The project was put out to bid January 8, 2014 with an initial bid opening scheduled for February 6, 2014. A mandatory pre-job walk through was held on January 23, 2014. As a result of questions posed at the pre job walkthrough, we extended the bid opening until February 12, 2014. We anticipate holding a special Board meeting on February 21, 2014.

Engineering services

HDR submitted their proposed scope for bidding assistance and services during construction. Staff and Roebbelen are reviewing the proposal as we have some concerns with the amount of the fee and level of anticipated work.

GE Contract

Final compilation of the contract documents is complete and waiting for signatures, following award of the trade contracts.

Project Schedule

Roebbelen reviewed the project schedule following questions from the pre job walk through and as a result of the delay in awarding the GE contract, Roebbelen recommended and staff agreed to a blended schedule with the WTP being on line in May 2015. The recent addendum included the revised schedule.

Approve Proposal from HDR for Engineering Services During Construction

Ed Crouse gave a brief summary of the proposal from HDR for engineering services during construction. Staff and Roebbelen will be meeting with HDR to discuss the proposal and weed out any duplication in services.

8. APPROVE PROPOSAL FOR QUARTERLY AND ANNUAL GROUNDWATER MONITORING REPORTS AND SERVICES

Paul Siebensohn gave a brief summary of the recommendation to approve the proposal from The Westmark Group for the 2014 quarterly and annual Groundwater Monitoring Report and services. Westmark Group engineering staff has been providing groundwater reporting services for the District since 2006 without fault or delay. **This item will be on the District's February 19, 2014 Regular Board meeting agenda.**

9. APPROVE PROPOSAL FROM DUNN FOR PRODUCTION WELL CONSTRUCTION

Ed Crouse gave a brief summary of the recommendation to approve the proposal from Dunn Environmental, Inc., for production well construction. **This item will be on the District's February 19, 2014 Regular Board meeting agenda.**

10. APPROVE COST FOR VALVE REPLACEMENT

Paul Siebensohn stated that item has been pulled from the agenda.

11. DROUGHT UPDATE

Future Forecasts

Paul Siebensohn stated both NOAA and USGS continue their long range forecasts of continued extremely dry conditions through the spring. However, there are several forecasts showing the high pressure ridge breaking up over the next month or two which may allow storms to begin hitting California.

River Flows and Diversions

Recent rains bumped river flows to above 70 cfs, which triggered use of one 500 hp pump, capable of diverting 15 cfs. Unfortunately, the river flows dropped to below 70 cfs in 24 hours. As a result, we only diverted 30 AF.

Stage 2 Declaration

The Stage 2 - 20% conservation levels became mandatory effective February 1, 2014. Enforcement of water waste is going on daily. Security logs the location and type of violation; Utility staff follow-up the next morning with door hangar notices of violations.

Drought Web Page

Our new Drought Update webpage is up and running. The page includes weekly updates on lake levels and levels of conservation, frequently asked questions (FAQ), rebates, and our water supply contingency plan stage information.

Education and Outreach

Staff has been trained in responding to resident questions using our FAQs. These FAQs are updated as necessary as new questions come in. Suzanne is working with cable Paul on Channel 5 drought messaging.

Director Pasek and Paul Siebensohn spoke to the Fishing Club about the drought conditions at their February 5, 2014 meeting.

Director Gumbinger stated that he and Paul Siebensohn will be speaking at the Kiwanis' meeting on May 1, 2014.

12. DIRECTORS' & STAFF COMMENTS/SUGGESTIONS

None.

9. ADJOURNMENT

The meeting was adjourned at 9:28 a.m.

DRAFT

MEMORANDUM

Date: January 2, 2014
To: Board of Directors
From: Finance Committee Staff
Subject: January 2, 2014 Finance Committee Meeting

1. CALL TO ORDER

Director Pasek called the meeting to order at 9:32 a.m. Present were Directors Pasek 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.

2. COMMENTS FROM THE PUBLIC

None.

3. UPDATES

Ed Crouse stated we are waiting for the last signature for the 670 FSA. The Rancho North FSA is being reviewed by staff.

4. WATER TREATMENT PLANT EXPANSION FINANCING UPDATE

Darlene Gillum gave a brief summary of the recommendation to adopt Resolution 2014-03, declaring the District's official intent to reimburse expenditures from the proceeds of tax exempt securities. The adopting of this resolution does not commit the District to issue any tax exempt securities. **This item will be on the District's February 19, 2014 regular Board meeting agenda.**

5. 2014-2015 BUDGET - REVIEW EXPENSES

Darlene Gillum gave a brief summary of the draft 2014-2015 budget projected expenses. This draft budget is based on projected expenses for the 2014-2015 fiscal year. The preliminary assumptions used included the following expenses: wage provisions of the OE3/District Memorandum of Understanding, employer contribution for PERS New Members and PERS Classic Members. Employer Paid Member Contribution reduction, medical insurance increases, OPEB contribution increase, and SMUD power cost increase. A question and answer period followed.

Director Pasek asked staff to again look into setting up a vesting period for new employees.

The first draft of the budget will be presented at the March 2014 Finance Committee meeting. Prop 218 letters need to go out by April 1, 2014.

6. CASH FOR GRASS

Ed Crouse gave a brief summary of the recommendation to approve the proposed Cash for Grass program. This program gives \$0.50 per square foot of turf removed, up to a maximum of \$1,000

for single family residence. A short discussion followed. Director Pasek suggested this not be put into effect yet. **This item will be on the District's February 19, 2014 regular Board meeting agenda.**

7. TIERED PRICING

Darlene Gillum gave a brief summary of the proposed tiered pricing rate and drought surcharge. Due to the Prop 218 guidelines, staff needs to begin the process now in case the Board agrees to implement tiered pricing to begin the May 25, 2014 billing period. **This item will be on the District's February 19, 2014 regular Board meeting agenda.**

8. DIRECTORS' & STAFF COMMENTS/SUGGESTIONS

Ed Crouse stated the General Manager recruitment is on schedule. The Request for Proposal for District General Counsel will be going out this week.

9. ADJOURNMENT

The meeting was adjourned at 10:32 a.m.

DRAFT

MEMORANDUM

Date: February 7, 2014
To: Board of Directors
From: Communication & Technology Committee Staff
Subject: February 7, 2014 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 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

Darlene Gillum stated the District plans to send out monthly post cards updating the community on the drought and conservation. Director Ferraro commented that the post card was too glossy, the picture hid the printing and it should include that in the winter, irrigation is not needed. Residents also want to know how much water they have been conserving.

Director Ferraro commented on an email she received from the Garden Club offering to assist with outreach to the community. She also stated that the Garden Club informed her that the best time for watering is between 5:00 a.m. and 11:00 a.m. Director Martel suggested that any changes in water schedules be done when there is a change of seasons.

Darlene reported that Paul Siebensohn has given presentations to Rancho Murieta Association and the fishing club. He will be presenting at the May 1, 2014 Kiwanis meeting. Staff will be attending the Golf Expo at Rancho Murieta Country Club later this month. Presentations at other community organization meetings are being scheduled. Staff is also working on scheduling some drought fairs. Director Martel suggested having some landscapers and other related companies set up booths at the fairs.

Director Ferraro stated that she feels a drought communication plan needs to be developed, and asked that a presentation schedule be sent out so the Directors can attend. Director Ferraro also stated that the Directors should also make presentations not just staff as staff is very busy.

Director Martel suggested communication be sent out that even though it is raining, we are not out of the drought.

2014 ELECTIONS

Resolution 2012-02, Calling the General District Election

Darlene gave a brief summary of the recommendation to approve the Resolution calling the General District Election. This is a standard resolution the Board adopts in election years. A short discussion followed. **This item will be added to the February 19, 2014 Board of Directors meeting agenda.**

Notice of District Election

The Notice of District Election will be distributed to RanchoMurieta.com and River Valley Times and posted on the District's website after adoption of Resolution 2014-02.

DIRECTOR & STAFF COMMENTS/SUGGESTIONS

Paul Siebensohn thanked the Directors for acknowledging how busy staff is and thanked them for the comments and suggestions.

ADJOURNMENT

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

DRAFT

MEMORANDUM

Date: January 14, 2014
To: Edward R. Crouse, General Manager
From: Greg Remson, Safety Chairman
Subject: Safety Committee Meeting, January 13, 2014

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

Fourth (4th) quarter awards were purchased.

ADJOURNMENT

The meeting adjourned at 1:58 p.m.

MEMORANDUM

Date: February 14, 2014
 To: Board of Directors
 From: Darlene Gillum, Assistant General Manager
 Subject: Bills Paid Listing

Enclosed is the Bills Paid Listing Report for **January 2014**. 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
Groeniger & Company	Sluice Gates (5);Supplies	\$11,175.51	Operating Expense
HDR Engineering, Inc	WTP1 Expansion Design WTP1 CEQA Services	\$68,269.03 <u>\$15,620.08</u> \$83,889.11	Reserve Expenditure/LOC Reimbursement
JB Bostick Company	Asphalt Repair	\$5,100.00	Operating Expense
Kronick, Moskevitz, Tiedemann & Girard	Legal Consulting	\$5,581.90	Operating Expense
NTU Technologies	Chemicals	\$5,196.80	Operating Expense
SMUD	Monthly Electric	\$24,515.72	Operating Expense
California Waste Recovery Systems	Solid Waste Contract	\$45,421.62	Operating Expense
US Bank Corp Payment System	Monthly Gasoline	\$5,436.86	Operating Expense
Roebbelen	WTP1 Expansion Project – Preconstruction Services	\$26,309.00	Reserve Expenditure
TNT Industrial Contractors Inc.	MLN Wet Well Rehab	\$175,305.95	Reserve Expenditure
Ueware, Inc.	Annual Support Contract	\$12,500.00	Operating Expense
County of Sacramento	Quarterly Waste Disposal Fee	\$8,662.38	Operating Expense
GSRMA	3Q Workers Comp, Property, & Liability Insurance	\$32,999.68	Operating Expense
Groeniger & Company	Maintenance Supplies	\$5,637.60	Operating Expense
Kronick, Moskevitz, Tiedemann & Girard	Legal Consulting	\$9,403.20	Operating Expense
NTU Technologies	Chemicals	\$5,592.38	Operating Expense
SMUD	Monthly Electric	\$22,513.98	Operating Expense

Rancho Murieta Community Services District
Bills Paid Listing for January 2014

Ck Number	Date	Vendor	Amount	Purpose
CM27488	1/3/2014	Action Rubber Stamps, Inc	\$26.72	Office Supplies
CM27489	1/3/2014	AM Conservation Group, Inc.	\$142.94	Conservation Supplies
CM27490	1/3/2014	American Family Life Assurance Co.	\$540.25	Payroll
CM27491	1/3/2014	Apple One Employment Services	\$2,415.84	Temp Services
CM27492	1/3/2014	Aramark Uniform Services	\$274.47	Uniform Service - Water
CM27493	1/3/2014	Bay Area Coating Consultant Services. Inc.,	\$960.00	MLN Wet Well Inspections
CM27494	1/3/2014	Stacy Bowen	\$300.00	Toilet Rebate
CM27495	1/3/2014	B.S.I.S.	\$266.00	Check Voided
CM27496	1/3/2014	California Public Employees' Retirement Sys	\$37,406.01	Payroll
CM27497	1/3/2014	Caltronics Business Systems	\$516.24	Office Supplies
CM27498	1/3/2014	Carrillo Enterprises	\$4,826.50	Equipment Rental, crushed rock
CM27499	1/3/2014	CDW Government Inc.	\$412.47	Monitors (2)
CM27500	1/3/2014	City of Sacramento PHHWCF/CESQG	\$159.50	Hazardous Waste Disposal
CM27501	1/3/2014	Employment Development Department	\$2,754.70	Payroll
CM27502	1/3/2014	Express Office Products, Inc.	\$1,260.28	Office Supplies
CM27503	1/3/2014	Folsom Lake Fleet Services	\$58.47	Vehicle Maintenance #215
CM27504	1/3/2014	Franchise Tax Board	\$75.00	Payroll
CM27505	1/3/2014	Gempler's, Inc.	\$4,747.62	Check Voided
CM27506	1/3/2014	David Girsch	\$100.00	Toilet Rebate
CM27507	1/3/2014	Groeniger & Company	\$11,175.51	Sluice Gates (5), Supplies
CM27508	1/3/2014	Guardian Life Insurance	\$4,565.25	Payroll
CM27509	1/3/2014	Paul Gumbinger	\$100.00	Toilet Rebate
CM27510	1/3/2014	Cynthia Haack	\$100.00	Toilet Rebate
CM27511	1/3/2014	HDR Engineering, Inc	\$83,889.11	WTP1 Expansion Design and CEQA
CM27512	1/3/2014	Howe It's Done	\$323.82	Board Meeting Dinner
CM27513	1/3/2014	J B Bostick Company	\$5,100.00	Asphalt Repair
CM27514	1/3/2014	Kronick Moskovitz Tiedemann & Girard	\$5,581.90	Legal Consulting
CM27515	1/3/2014	Legal Shield	\$116.32	Payroll
CM27516	1/3/2014	Shirley McKusick	\$200.00	Toilet Rebate
CM27517	1/3/2014	Motion Industries, Inc.	\$1,054.21	WTP2 Flange Bearing
CM27518	1/3/2014	Nationwide Retirement Solution	\$1,663.23	Payroll
CM27519	1/3/2014	NTU Technologies, Inc.	\$5,196.80	Chemicals
CM27520	1/3/2014	Operating Engineers Local Union No. 3	\$542.88	Payroll
CM27521	1/3/2014	P. E. R. S.	\$13,589.91	Payroll
CM27522	1/3/2014	PERS Long Term Care Program	\$53.10	Payroll
CM27523	1/3/2014	Pirtek Power Inn	\$363.15	Emergency Repair
CM27524	1/3/2014	Prodigy Electric	\$2,536.25	Electrician Services
CM27525	1/3/2014	R.S. Hughes Co., Inc.	\$86.38	Uniforms
CM27526	1/3/2014	Rancho Murieta Country Club	\$597.07	Holiday Luncheon
CM27527	1/3/2014	Patricia Reese	\$300.00	Toilet Rebate
CM27528	1/3/2014	Romo Landscaping	\$385.00	Landscaping

Rancho Murieta Community Services District
Bills Paid Listing for January 2014

Ck Number	Date	Vendor	Amount	Purpose
CM27529	1/3/2014	S. M. U. D.	\$24,515.72	Monthly Electricity
CM27530	1/3/2014	Sierra Office Supplies	\$82.77	Office Supplies
CM27531	1/3/2014	Stella Solda	\$300.00	Toilet Rebate
CM27532	1/3/2014	TASC	\$111.15	Payroll
CM27533	1/3/2014	Tom's House of Hydraulics, Inc.	\$248.40	Crane Repair #818
CM27534	1/3/2014	Urban Land Institute Sacramento	\$40.00	Meeting
CM27535	1/3/2014	USA Blue Book	\$2,094.88	Supplies
CM27536	1/3/2014	Vision Service Plan (CA)	\$497.92	Payroll
CM27537	1/3/2014	W.W. Grainger Inc.	\$2,167.63	Supplies
CM27538	1/3/2014	B.S.I.S.	\$35.00	Guard Card Renewal
CM27539	1/3/2014	B.S.I.S.	\$98.00	Firearms Card Renewal
CM27540	1/3/2014	B.S.I.S.	\$98.00	Firearms Card Renewal
CM27541	1/3/2014	B.S.I.S.	\$35.00	Guard Card Renewal
CM27542	1/3/2014	Gempler's, Inc.	\$1,563.78	Maintenance Supplies
CM27543	1/3/2014	Groeniger & Company	\$3,183.84	Maintenance Supplies
ACH	1/6/2014	EFTPS	\$10,190.08	Bi-weekly Payroll Taxes
CM27553	1/10/2014	A Leap Ahead IT	\$3,715.47	Monthly IT Support
CM27554	1/10/2014	Ace Hardware	\$447.27	Supplies
CM27555	1/10/2014	American Express	\$1,060.02	Monthly Bill
CM27556	1/10/2014	Aramark Uniform Services	\$118.65	Uniform Service - Water
CM27557	1/10/2014	California Waste Recovery Systems	\$45,421.62	Solid Waste
CM27558	1/10/2014	Capital One Commercial	\$1,478.44	Supplies
CM27559	1/10/2014	Sprint	\$675.10	Monthly Cell Phone
CM27560	1/10/2014	U.S. Bank Corp. Payment System	\$5,436.86	Monthly Gasoline
CM27561	1/17/2014	Accounting & Association Software Group	\$362.50	Year End Support
CM27562	1/17/2014	American Family Life Assurance Co.	\$540.25	Payroll
CM27563	1/17/2014	American Water Works Association	\$709.36	Training Materials
CM27564	1/17/2014	Apple One Employment Services	\$846.62	Temp Services
CM27565	1/17/2014	Applications By Design, Inc.	\$125.00	Security Data Backup
CM27566	1/17/2014	Aramark Uniform Services	\$118.65	Uniform Service - Water
CM27567	1/17/2014	ASR - Sacramento Uniform	\$569.01	Uniforms - Security
CM27568	1/17/2014	John Becker	\$100.00	Water Pressure Reducing Valve Rebate
CM27569	1/17/2014	California Laboratory Services	\$1,572.90	Monthly Lab Tests
CM27570	1/17/2014	Caltronics Business Systems	\$1,640.57	Monthly Usage Maintenance Fee
CM27571	1/17/2014	Kit Carver	\$100.00	Hot Water Recirculating Pump Rebate
CM27572	1/17/2014	CDW Government Inc.	\$946.67	Autocad Software
CM27573	1/17/2014	Employment Development Department	\$3,693.81	Payroll
CM27574	1/17/2014	Express Office Products, Inc.	\$309.35	Office Supplies
CM27575	1/17/2014	Folsom Lake Fleet Services	\$1,340.43	Vehicle Maintenance #217
CM27576	1/17/2014	Ford Motor Credit Company LLC	\$234.78	Patrol Vehicle Lease
CM27577	1/17/2014	Franchise Tax Board	\$75.00	Payroll

Rancho Murieta Community Services District
Bills Paid Listing for January 2014

Ck Number	Date	Vendor	Amount	Purpose
CM27578	1/17/2014	Gempler's, Inc.	\$1,414.22	Maintenance Supplies
CM27579	1/17/2014	Groeniger & Company	\$506.09	Maintenance Supplies
CM27580	1/17/2014	HDR Engineering, Inc	\$3,885.14	MLN Wet Well Rehab
CM27581	1/17/2014	Legal Shield	\$116.32	Payroll
CM27582	1/17/2014	Nationwide Retirement Solution	\$1,663.23	Payroll
CM27583	1/17/2014	NORMAC	\$541.91	Supplies
CM27584	1/17/2014	Operating Engineers Local Union No. 3	\$542.88	Payroll
CM27585	1/17/2014	P. E. R. S.	\$13,570.94	Payroll
CM27586	1/17/2014	PERS Long Term Care Program	\$53.10	Payroll
CM27587	1/17/2014	Pitney Bowes	\$189.09	Supplies
CM27588	1/17/2014	Plaza Foods Supermarket	\$11.60	Supplies
CM27589	1/17/2014	Professional Lock & Safe, Inc.	\$1,957.20	WTP Accuator/Lock Repair
CM27590	1/17/2014	R.S. Hughes Co., Inc.	\$43.19	Uniforms
CM27591	1/17/2014	Ramos Environmental Services	\$305.00	Hazardous Waste Disposal
CM27592	1/17/2014	Rancho Murieta Association	\$292.47	Landscaping/Cable/Internet
CM27593	1/17/2014	Roebbelen Construction Management Services	\$26,309.00	WTP1 Expansion Project
CM27594	1/17/2014	Sacramento Area Water Works Association	\$325.00	Annual Membership
CM27595	1/17/2014	Sierra Office Supplies	\$343.44	Office Supplies
CM27596	1/17/2014	Michael Spaich	\$100.00	Water Pressure Reducing Valve Rebate
CM27597	1/17/2014	TASC	\$162.50	Payroll
CM27598	1/17/2014	TASC	\$111.15	Payroll
CM27599	1/17/2014	TelePacific Communications	\$496.06	Monthly Telephone
CM27600	1/17/2014	TNT Industrial Contractors Inc.	\$175,305.95	MLN Wet Well Rehab
CM27601	1/17/2014	UPS	\$15.79	Shipping Charges
CM27602	1/17/2014	Useware, Inc.	\$12,500.00	Annual Support
CM27603	1/17/2014	W.W. Grainger Inc.	\$1,578.89	Supplies
CM27604	1/17/2014	Water Environment Federation	\$249.00	Annual Membership
CM27605	1/17/2014	Western Exterminator Co.	\$432.50	Monthly Pest Control
ACH	1/21/2014	EFTPS	\$10,150.48	Bi-weekly Payroll Taxes
ACH	1/27/2014	US Postmaster	\$1,500.00	Postage
CM27606	1/31/2014	S. M. U. D.	\$5,000.00	Augmentation Well Service Application Fee
CM27607	1/31/2014	Action Cleaning Systems	\$1,172.00	Monthly Cleaning Service
CM27608	1/31/2014	American Family Life Assurance Co.	\$540.25	Payroll
CM27609	1/31/2014	American Water Works Association	\$413.00	Annual Membership
CM27610	1/31/2014	Apple One Employment Services	\$2,410.45	Temp Services
CM27611	1/31/2014	Applications By Design, Inc.	\$85.00	Support
CM27612	1/31/2014	Aramark Uniform Services	\$304.30	Uniform Service - Water
CM27613	1/31/2014	AT&T	\$756.92	Monthly Telephone
CM27614	1/31/2014	Atkins North America, Inc.	\$3,607.50	Augmentation Well CEQA
CM27615	1/31/2014	California Rural Water Association	\$915.00	Annual Membership
CM27616	1/31/2014	California-Nevada Section	\$135.00	Certification Application

**Rancho Murieta Community Services District
Bills Paid Listing for January 2014**

Ck Number	Date	Vendor	Amount	Purpose
		CFD#1 Bank of America Checking		
CM2707	1/3/2014	Bank of America	\$12.71	CFD#1 Admin Fees
CM2708	1/3/2014	Kronick Moskovitz Tiedemann & Girard	\$2,121.00	CFD#1 Admin Fees
CM2709	1/3/2014	Rancho Murieta CSD	\$4,947.50	CFD#1 Admin Fees
CM2710	1/10/2014	U.S. Bank Corp. Payment System	\$45.11	CFD#1 Admin Fees
CM2711	1/17/2014	CoreLogic Solutions, LLC.	\$165.00	CFD#1 Admin Fees
CM2712	1/31/2014	Bank of America	\$63.53	CFD#1 Admin Fees
		TOTAL	\$7,354.85	
		EL DORADO PAYROLL		
Payroll (El Dorado)				
Checks: # CM11129 to CM11146 and Direct Deposits: DD06912 to DD07005			\$ 165,226.48	Payroll
ACH	1/31/2014	National Payment Corp	\$144.74	Payroll
		TOTAL	\$165,371.22	

MEMORANDUM

Date: February 13, 2014
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

Phil McKenney, Peckham & McKenney, was onsite last Tuesday. Director Gumbinger started Phil's visit with a grand tour of the community. Phil was back mid-morning to meet with department managers to better understand their insight on the District and community. Phil will use the information he gathered here as well as during his discussions with the Board collectively and Directors individually. Phil is hopeful of having a brochure ready for review at the February Board meeting.

Young Jeff Hatfield, a seven (7) year employed Utility Worker left us for a similar job at Sacramento County Water Agency. We will miss him, but we are glad someone else recognizes his abilities and the experience he gained with us.

FINANCE/IT

Darlene has been meeting with the managers bi-weekly to work through preliminary budgets. Drafts are completed with projected expenditures through the end of FY 13/14. At the same time, Darlene worked through the 2009 Tiered Rate Study and developed our current approach, which was presented this month to the Finance Committee. We will not be the only ones on the block implementing tiered rates during the drought as several local water districts are implementing tiered pricing to send a pricing signal to residents to use less water.

Darlene coordinated completion of our triennial actuarial study for our Other Post Employee Benefits (OPEB). This study determines our funding needs for our sinking fund for retiree medical costs.

SECURITY

Greg continues his efforts with Rancho Murieta Association (RMA) on the new north gate. We are agreeable with the current design and layout; it will work for us, but it is not everything we thought would be best. RMA and the developer have signaled that they are hopeful the District can fund camera and gate equipment to the tune of \$115,000. Greg will attend the February 20, 2014, Rancho Murieta Association community meeting to get input from the residents regarding the proposed new North Gate.

WATER

With Plant 2 off for winter maintenance, Plant 1 production for January was at 0.7 mgd, which is a good deal less than the 1.1 mgd reported in January (for December's production). Recent rains and our call for conservation seem to have spurred residents to turn off their irrigation until later this spring. We will see if this trend continues or is hardening of indoor use.

This month, our reservoirs are roughly the same as last month, at near 2,900 AF. We are holding fast and increasing some as we are diverting like crazy now that the river is above 70 cfs. We will use two (2) 500 HP pumps as long as river flows are high enough to keep the pump intakes from sucking air.

WASTEWATER

Flows to the plant averaged 0.36 million gallons, which is extremely low for this time of year. Even in the summer months flows trend around 0.4-0.5 mgd. Paul thinks the Main Lift North (MLN) Project may have caused incorrect meter reads, so once the project is completed and operable, we will be able to verify the low flow rates. However, this is rough news for recycled water availability. Paul will be working with Rich at the Rancho Murieta Country Club (RMCC) to balance river diversions to ensure late season recycled water availability.

DRAINAGE

The CIA Ditch flows stopped on February 7, 2014 to prevent the ditch from being washed out due to the forecasted rain. Their primary duty this month is managing rain event response, water quality, and erosion protection at construction sites.

SOLID WASTE

Nothing new to report on the collection side. We continue to receive compliments on the California Waste Recovery Systems (CWRS) staff.

ENGINEERING

Augmentation Well

Dunn and his sub-consultants are making progress on the well design. So far, we are still on track to bid in February. Paul has been providing input and guidance on site layout as well as treatment alternatives.

Hotel Water Service Agreement

We reviewed the first draft of the Financing and Services Agreement (FSA) for the hotel and remaining lands. Staff completed their internal review. We will have the draft with staff's comments available for closed session.

670 Financing and Services Agreement

All but one signature has been received. The only outstanding signature is that of the Retreats owner. Les is tracking down when that signature can be expected.

Airport Hanger Expansion Project

Nothing new to report. As reported last month, our plan review comments and accompanying letter were sent to the airport design engineer. The plans were revised to address our comments. We approved the plans after the return set addressed our comments.

Murieta Gardens Hotel Site and Street Improvement Plans

Staff reviewed and provided comments on the hotel site improvement plans. We have not received a return set of street improvement plans addressing our initial comments.

CONSERVATION

Staff has been holding weekly drought action meetings. We are making progress on many fronts. Please see the drought update memo in the packet for more information.

MEMORANDUM

Date: February 14, 2014
 To: Board of Directors
 From: Darlene Gillum, Assistant General Manager
 Subject: Administration/Financial Reports

Enclosed is a combined financial summary report for **January 2014**. 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	2,513	2,513	2,513	2,513					
	Weighted average	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Cubic Feet	2,100	3074	2996	2932	2114	1633	942	1,011					
Gallons per day	524	766	747	731	527	407	235	252					
Planning Usage GPD	583												

Lock-Offs - For the month of January, there were 19 lock-offs.

Aging Report – Delinquent accounts total \$61,475 which is 12.8% of the total accounts receivable balance of \$479,245. Past due receivables, as a percent of total receivables, have remained relatively flat since December.

Summary of Reserve Accounts as of January 31, 2014 – The District’s reserve accounts have increased \$599,367, year to date, since July 1, 2013. The increase is due to the reserve amounts collected in the Water and Sewer base rates, approved fund balance transfers, and interest earned. The District has expended \$797,986 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 January 31, 2014 is \$8,581,313. 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 Jan 31, 2014</i>
Water Capital Replacement (200-2505)	2,682,621	132,302	(276,171)	2,538,752
Sewer Capital Replacement (250-2505)	2,869,146	169,207	(446,272)	2,592,081
Drainage Capital Replacement (260-2505)	26,834	50,013	(18,922)	57,925
Security Capital Replacement (500-2505)	51,315	50,031	(0)	101,346
Admin Capital Replacement (xxx-2505-99)	0	38,380	0	38,380
Sewer Capital Improvement Connection (250-2500)	4,008	3	(0)	4,011
Capital Improvement (xxx-2510)	392,601	282	(0)	392,883
Water Supply Augmentation (200-2511)	2,448,725	1,558	(56,621)	2,393,662
Water Debt Service Reserves (200-2512)	139,260	96,909	(0)	236,169
Sewer Debt Service Reserves (250-2512)	163,116	60,680	(0)	223,796
Rate Stabilization (200/250/500-2515)	2,306	2	(0)	2,308
<i>Total Reserves</i>	<i>8,779,932</i>	<i>599,367</i>	<i>(797,986)</i>	<i>8,581,313</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 November 30, 2013		
1-Month	3-Months	1-Year
1.11%	5.04%	14.85%

Financial Summary Report (year to date through January 31, 2014)

Revenues:

Water Charges, year-to-date, are **above** budget \$43,118 or 3.9%

Sewer Charges, year-to-date, are **below** budget \$328 or (0.0%)

Drainage Charges, year-to-date, are **below** budget \$276 or (0.3%)

Security Charges, year-to-date, are **above** budget \$44 or (0.0%)

Solid Waste Charges, year-to-date, are **above** budget \$21 or (0.0%)

Total Revenues, which includes other income, property taxes and interest income year-to-date, are **above** budget \$67,065 or 2.0% (due to \$21,768 of late charges, project reimbursements, reconnect and transfer fees and \$43,118 in Water Charges exceeding budget projections). Year to date residential Water usage has exceeded budget projections by 8.8% and year to date commercial Water usage is has exceeded budget projections by 1.8%.

Expenses: Year-to-date total operating expenses are below budget \$154,787 or 4.8%. 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 **above budget \$3,152 or 0.4%, prior to reserve expenditures.** Wages are over budget due to the combined effect of the open Utility Worker position, which is now filled, 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. Taste & Oder Chemicals, Water Meters, Permits and Other Direct Costs (due primarily to Vehicle Fuel, Vehicle Maintenance and Conservation) are the largest areas running below budget. Maintenance and Repair and Equipment Rental are the largest areas running over budget. Year-to-date \$0 of expenses have been incurred from reserves expenditures.

Sewer Expenses, year-to-date, are **below budget by \$96,052 or (16.1%), prior to reserve expenditures.** Wages are under budget due to the combined effect of the open Utility Worker position, which is now filled, 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. Other areas running below budget are Power, Maintenance & Repair, Training/Safety, Equipment Rental and Other Direct Costs (which includes Vehicle Maintenance, Legal and Consulting). Areas running over budget are Chemicals and permits. Year-to-date \$0 of expenses have been incurred from reserves expenditures.

Drainage Expenses, year-to-date, are **below budget by \$26,504 or (30.09%).** All areas are running below budget with Wages, Power, Equipment Rental and Other Direct Costs (which includes Consulting and Drainage Flood Work) being the largest areas of under-run.

Security Expenses, year-to-date, are **below budget by \$30,033 or (4.7%).** Areas running over budget are Equipment Repairs and Vehicle Maintenance. Wages and Employer Costs are running under budget due to the open Patrol Officer position, which is now filled, and a Patrol Officer who was out on a Workers' Comp injury. Areas running below budget are Vehicle Fuel and Other (which includes Telephones, Barcodes, IT System Maintenance and Vehicle Lease).

Solid Waste Expenses, year-to-date, are **below budget by \$11,015 or (3.2%).** The under-run is related to the Household Hazardous Waste Event budget of 50% of the bi-annual collection event. The budget is planned to collect 50% of the cost of the event every year while the event is planned to be held bi-annually.

General Expenses, year-to-date, are **above budget by \$5,665 or 0.8%**. The largest areas running over budget are Insurance (due to the increase in our appraised property value), Office Supplies (related to the purchase of the new billing statement stock), Community Communications (related to website updates/upgrades) and Other (which includes Director Expense Reimbursement, Temp Clerical, Copy Machine Maintenance, and Consulting (related to the 360 Degree Evaluation Survey). Areas running below budget are Wages, Employer Costs, Director Meetings, Postage, and Legal.

Net Income: Year-to-date unadjusted net income, before depreciation, is \$202,930. Net income/(Loss) adjusted for estimated depreciation expense of \$551,477 is (\$348,547).

The YTD expected net operating income before depreciation, per the 2013-2014 budget, is \$114,589. The actual net operating income is \$221,852 higher than the budget expectation due to revenue running \$67,065 over budget and total operating expenses running under budget \$154,787.

Rancho Murieta Community Services District
Summary Budget Performance Report
YTD THROUGH JANUARY 2014

	% of Total	Annual Budget	% of Total	YTD Budget	YTD Actuals	% of Total	YTD VARIANCE	
							Amount	%
REVENUES								
Water Charges	31.7%	\$1,775,230	33.0%	\$1,099,209	\$1,142,327	33.7%	\$43,118	3.9%
Sewer Charges	22.1%	1,237,740	21.7%	721,777	721,449	21.3%	(328)	0.0%
Drainage Charges	3.2%	180,430	3.2%	105,245	104,969	3.1%	(276)	(0.3%)
Security Charges	21.2%	1,185,510	20.8%	691,544	691,588	20.4%	44	0.0%
Solid Waste Charges	11.1%	621,072	10.9%	362,292	362,313	10.7%	21	0.0%
Other Income	1.7%	92,550	1.6%	53,017	77,574	2.3%	24,557	46.3%
Interest Earnings	0.0%	1,140	0.0%	585	514	0.0%	(71)	(12.1%)
Property Taxes	9.0%	502,800	8.8%	293,300	293,300	8.6%		0.0%
Total Revenues	100.0%	5,596,472	100.0%	3,326,969	3,394,034	100.0%	67,065	2.0%
OPERATING EXPENSES								
Water/Sewer/Drainage								
Wages	14.5%	809,730	14.5%	466,100	454,328	14.9%	(11,772)	(2.5%)
Employer Costs	6.9%	385,450	7.0%	224,352	219,309	7.2%	(5,043)	(2.2%)
Power	5.8%	325,510	5.5%	176,506	167,740	5.5%	(8,766)	(5.0%)
Chemicals	4.3%	240,200	4.1%	133,050	108,804	3.6%	(24,246)	(18.2%)
Maint & Repair	6.2%	345,470	5.8%	187,445	178,998	5.9%	(8,447)	(4.5%)
Meters/Boxes	1.0%	54,000	0.9%	28,250	15,835	0.5%	(12,415)	(43.9%)
Lab Tests	1.3%	74,250	1.2%	38,750	38,607	1.3%	(143)	(0.4%)
Permits	1.1%	64,300	1.6%	49,800	43,737	1.4%	(6,063)	(12.2%)
Training/Safety	0.4%	21,700	0.4%	12,425	10,791	0.4%	(1,634)	(13.2%)
Equipment Rental	0.8%	43,500	0.9%	29,350	20,016	0.7%	(9,334)	(31.8%)
Other	7.0%	394,010	6.2%	200,646	169,105	5.5%	(31,541)	(15.7%)
Subtotal Water/Sewer/Drainage	49.3%	2,758,120	48.1%	1,546,674	1,427,270	46.7%	(119,404)	(7.7%)
Security								
Wages	11.2%	625,100	11.3%	361,500	359,616	11.8%	(1,884)	(0.5%)
Employer Costs	6.7%	374,700	6.7%	216,250	192,137	6.3%	(24,113)	(11.2%)
Off Duty Sheriff Patrol	0.1%	6,000	0.1%	3,500	3,057	0.1%	(443)	(12.7%)
Other	1.7%	94,700	1.7%	53,597	50,004	1.6%	(3,593)	(6.7%)
Subtotal Security	19.7%	1,100,500	19.8%	634,847	604,814	19.8%	(30,033)	(4.7%)
Solid Waste								
CWRS Contract	9.7%	543,000	9.9%	316,750	317,762	10.4%	1,012	0.3%
Sacramento County Admin Fee	0.6%	34,680	0.6%	20,230	20,203	0.7%	(27)	(0.1%)
HHW Event	0.2%	12,000	0.4%	12,000		0.0%	(12,000)	(100.0%)
Subtotal Solid Waste	10.5%	589,680	10.9%	348,980	337,965	11.1%	(11,015)	(3.2%)
General / Admin								
Wages	9.5%	534,200	9.7%	312,102	300,357	9.8%	(11,745)	(3.8%)
Employer Costs	5.2%	292,300	5.3%	170,551	153,791	5.0%	(16,760)	(9.8%)
Insurance	0.8%	45,000	0.8%	26,257	37,689	1.2%	11,432	43.5%
Legal	0.4%	25,000	0.4%	14,000	12,508	0.4%	(1,492)	(10.7%)
Office Supplies	0.3%	19,200	0.3%	11,200	15,490	0.5%	4,290	38.3%
Director Meetings	0.3%	18,000	0.3%	10,514	8,200	0.3%	(2,314)	(22.0%)
Telephones	0.1%	4,620	0.1%	2,688	2,687	0.1%	(1)	0.0%
Information Systems	1.4%	79,000	1.7%	55,410	56,112	1.8%	702	1.3%
Community Communications	0.1%	5,900	0.1%	3,150	4,533	0.1%	1,383	43.9%
Postage	0.4%	21,780	0.4%	12,705	11,339	0.4%	(1,366)	(10.8%)
Janitorial/Landscape Maint	0.3%	16,800	0.3%	9,800	10,617	0.3%	817	8.3%
Other	1.5%	86,500	1.7%	53,502	74,221	2.4%	20,719	38.7%
Subtotal General / Admin	20.5%	1,148,300	21.2%	681,879	687,544	22.5%	5,665	0.8%
Total Operating Expenses	100.0%	5,596,600	100.0%	3,212,380	3,057,593	100.0%	(154,787)	(4.8%)
Operating Income (Loss)	100.0%	(128)	100.0%	114,589	336,441	100.0%	221,852	193.6%
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%	114,589	317,519	100.0%	202,930	177.1%

Rancho Murieta Community Services District
Budget Performance Report by FUND
YTD THROUGH JANUARY 2014

	% of Total	Annual Budget	% of Total	YTD Budget	YTD Actuals	% of Total	YTD VARIANCE Amount %	
WATER								
REVENUES								
Water Charges	98.7%	\$1,775,230	98.7%	\$1,099,209	\$1,142,327	98.4%	\$43,118	3.9%
Interest Earnings	0.0%	80	0.0%	45	60	0.0%	15	33.3%
Other Income	1.3%	23,830	1.2%	13,902	18,807	1.6%	4,905	35.3%
Total Water Revenues	100.0%	1,799,140	100.0%	1,113,156	1,161,194	100.0%	48,038	4.3%
EXPENSES (excluding depreciation)								
Wages	28.2%	437,250	29.1%	251,694	273,863	31.5%	22,169	8.8%
Employer Costs	13.4%	208,130	14.0%	121,150	130,460	15.0%	9,310	7.7%
Power	10.7%	166,050	9.4%	80,921	81,205	9.4%	284	0.4%
Chemicals	8.0%	124,500	8.2%	70,840	69,981	8.1%	(859)	(1.2%)
T&O - Chemicals/Treatment	3.3%	51,000	3.7%	31,900	11,686	1.3%	(20,214)	(63.4%)
Maint & Repair	10.4%	161,070	10.7%	92,195	111,308	12.8%	19,113	20.7%
Meters/Boxes	3.5%	54,000	3.3%	28,250	15,835	1.8%	(12,415)	(43.9%)
Lab Tests	2.3%	36,000	2.0%	17,500	17,351	2.0%	(149)	(0.9%)
Permits	2.1%	32,000	2.0%	17,500	9,584	1.1%	(7,916)	(45.2%)
Training/Safety	0.5%	7,500	0.5%	4,375	5,118	0.6%	743	17.0%
Equipment Rental	1.5%	23,000	1.7%	15,000	16,003	1.8%	1,003	6.7%
Other Direct Costs	16.2%	251,070	15.5%	133,959	126,042	14.5%	(7,917)	(5.9%)
Operational Expenses	100.0%	1,551,570	100.0%	865,284	868,436	100.0%	3,152	0.4%
Water Income (Loss)	16.0%	247,570	28.6%	247,872	292,758	33.7%	44,886	18.1%
38.9% Net Admin Alloc	16.0%	247,570	17.3%	149,429	147,942	17.0%	(1,487)	(1.0%)
Total Net Income (Loss)	0.0%		11.4%	98,443	144,816	16.7%	46,373	47.1%
SEWER								
REVENUES								
Sewer Charges	98.7%	1,237,740	98.7%	721,777	721,449	98.4%	(328)	0.0%
Interest Earnings	0.0%	140	0.0%	75	70	0.0%	(5)	(6.7%)
Other Income	1.3%	15,990	1.3%	9,324	11,716	1.6%	2,392	25.7%
Total Sewer Revenues	100.0%	1,253,870	100.0%	731,176	733,235	100.0%	2,059	0.3%
EXPENSES (excluding depreciation)								
Wages	29.7%	315,800	30.5%	181,779	154,057	30.8%	(27,722)	(15.3%)
Employer Costs	14.1%	150,330	14.7%	87,497	75,969	15.2%	(11,528)	(13.2%)
Power	13.5%	143,960	14.5%	86,235	79,823	16.0%	(6,412)	(7.4%)
Chemicals	6.6%	70,300	5.5%	32,660	36,297	7.3%	3,637	11.1%
Maint & Repair	16.2%	172,500	14.8%	88,250	62,598	12.5%	(25,652)	(29.1%)
Lab Tests	3.6%	38,250	3.6%	21,250	21,256	4.3%	6	0.0%
Permits	2.6%	27,300	4.6%	27,300	29,289	5.9%	1,989	7.3%
Training/Safety	1.3%	14,200	1.4%	8,050	5,673	1.1%	(2,377)	(29.5%)
Equipment Rental	1.5%	16,000	1.7%	10,350	2,602	0.5%	(7,748)	(74.9%)
Other Direct Costs	10.9%	116,240	8.8%	52,362	32,117	6.4%	(20,245)	(38.7%)
Operational Expenses	100.0%	1,064,880	100.0%	595,733	499,681	100.0%	(96,052)	(16.1%)
Sewer Income (Loss)	17.7%	188,990	22.7%	135,443	233,554	46.7%	98,111	72.4%
29.7% Net Admin Alloc	17.8%	189,020	19.2%	114,294	112,953	22.6%	(1,341)	(1.2%)
Total Net Income (Loss)	0.0%	(30)	3.6%	21,149	120,601	24.1%	99,452	470.2%
DRAINAGE								
REVENUES								
Drainage Charges	100.0%	180,430	100.0%	105,245	104,969	100.0%	(276)	(0.3%)
Interest Earnings	0.0%	30	0.0%	15	30	0.0%	15	100.0%
Total Drainage Revenues	100.0%	180,460	100.0%	105,260	104,999	100.0%	(261)	(0.2%)
EXPENSES (excluding depreciation)								
Wages	40.0%	56,680	38.1%	32,627	26,408	44.6%	(6,219)	(19.1%)
Employer Costs	19.1%	26,990	18.3%	15,705	12,880	21.8%	(2,825)	(18.0%)
Power	10.9%	15,500	10.9%	9,350	6,712	11.3%	(2,638)	(28.2%)
Chemicals	3.8%	5,400	3.7%	3,150	1,418	2.4%	(1,732)	(55.0%)
Maint & Repair	8.4%	11,900	8.2%	7,000	5,092	8.6%	(1,908)	(27.3%)
Permits	3.5%	5,000	5.8%	5,000	4,864	8.2%	(136)	(2.7%)
Equipment Rental	3.2%	4,500	4.7%	4,000	1,411	2.4%	(2,589)	(64.7%)
Other Direct Costs	11.1%	15,700	10.3%	8,825	368	0.6%	(8,457)	(95.8%)
Operational Expenses	100.0%	141,670	100.0%	85,657	59,153	100.0%	(26,504)	(30.9%)
Drainage Income (Loss)	27.4%	38,790	22.9%	19,603	45,846	77.5%	26,243	133.9%
6.1% Net Admin Alloc	27.4%	38,820	27.3%	23,427	23,199	39.2%	(228)	(1.0%)
Reserve Expenditures	0.0%		0.0%		18,922	32.0%	18,922	0.0%
Total Net Income (Loss)	0.0%	(30)	-4.5%	(3,824)	3,725	6.3%	7,549	(197.4%)
SECURITY								
REVENUES								
Security Charges	96.4%	1,185,510	96.4%	691,544	691,588	95.4%	44	0.0%
Interest Earnings	0.0%	410	0.0%	210	161	0.0%	(49)	(23.3%)
Other Income	3.6%	43,730	3.6%	25,577	33,216	4.6%	7,639	29.9%
Total Security Revenues	100.0%	1,229,650	100.0%	717,331	724,965	100.0%	7,634	1.1%

Rancho Murieta Community Services District
Budget Performance Report by FUND
YTD THROUGH JANUARY 2014

	% of	Annual	% of	YTD	YTD	% of	YTD VARIANCE	
	Total	Budget	Total	Budget	Actuals	Total	Amount	%
EXPENSES (excluding depreciation)								
Wages	56.8%	\$625,100	56.9%	\$361,500	\$359,616	59.5%	(\$1,884)	(0.5%)
Employer Costs	34.0%	374,700	34.1%	216,250	192,137	31.8%	(24,113)	(11.2%)
Equipment Repairs	0.4%	4,400	0.4%	2,569	7,027	1.2%	4,458	173.5%
Vehicle Maintenance	0.6%	6,700	0.6%	3,900	8,035	1.3%	4,135	106.0%
Vehicle Fuel	1.9%	20,560	1.9%	11,785	10,269	1.7%	(1,516)	(12.9%)
Off Duty Sheriff Patrol	0.5%	6,000	0.6%	3,500	3,057	0.5%	(443)	(12.7%)
Other	5.7%	63,040	5.6%	35,343	24,673	4.1%	(10,670)	(30.2%)
Operational Expenses	100.0%	1,100,500	100.0%	634,847	604,814	100.0%	(30,033)	(4.7%)
Security Income (Loss)	11.7%	129,150	13.0%	82,484	120,151	19.9%	37,667	45.7%
20.3% Net Admin Alloc	11.7%	129,190	12.3%	77,961	77,204	12.8%	(757)	(1.0%)
Total Net Income (Loss)	0.0%	(40)	0.7%	4,523	42,947	7.1%	38,424	849.5%
SOLID WASTE REVENUES								
Solid Waste Charges	99.9%	621,072	99.9%	362,292	362,313	100.0%	21	0.0%
Interest Earnings	0.1%	400	0.1%	200	99	0.0%	(101)	(50.5%)
Total Solid Waste Revenues	100.0%	621,472	100.0%	362,492	362,412	100.0%	(80)	0.0%
EXPENSES (excluding depreciation)								
CWRS Contract	92.1%	543,000	90.8%	316,750	317,762	94.0%	1,012	0.3%
Sacramento County Admin Fee	5.9%	34,680	5.8%	20,230	20,203	6.0%	(27)	(0.1%)
HHW Event	2.0%	12,000	3.4%	12,000		0.0%	(12,000)	(100.0%)
Operational Expenses	100.0%	589,680	100.0%	348,980	337,965	100.0%	(11,015)	(3.2%)
Solid Waste Income (Loss)	5.4%	31,792	3.9%	13,512	24,447	7.2%	10,935	80.9%
5.0% Net Admin Alloc	5.4%	31,820	5.5%	19,214	19,016	5.6%	(198)	(1.0%)
Total Net Income (Loss)	0.0%	(28)	-1.6%	(5,702)	5,431	1.6%	11,133	(195.2%)
OVERALL NET INCOME(LOSS)	100.0%	(128)	100.0%	114,589	317,520	100.0%	202,931	177.1%

RANCHO MURIETA COMMUNITY SERVICES DISTRICT

INVESTMENT REPORT

CASH BALANCE AS OF JANUARY 31, 2014

INSTITUTION	YIELD	BALANCE
CSD FUNDS		
EL DORADO SAVINGS BANK		
SAVINGS	0.03%	\$ 284,099.34
CHECKING	0.02%	\$ 20,899.72
PAYROLL	0.02%	\$ 7,130.47
AMERICAN WEST BANK		
EFT	0.05%	\$ 39,685.32
LOCAL AGENCY INVESTMENT FUND (LAIF)		
UNRESTRICTED		\$ -
RESTRICTED RESERVES	0.24%	\$ 5,689,832.47
CALIFORNIA ASSET MGMT (CAMP)		
OPERATION ACCOUNT	0.06%	\$ 3,596,388.18
UNION BANK		
PARS GASB45 TRUST (balance as of 12/31/13)		\$ 534,877.60
TOTAL		\$ 10,172,913.10

BOND FUNDS

COMMUNITY FACILITIES DISTRICT NO. 1 (CFD)

BANK OF AMERICA		
CHECKING	N/A	\$ 366,200.71
CALIFORNIA ASSET MGMT (CAMP)		
SPECIAL TAX	0.06%	\$ 8,301.76
US BANK		
SPECIAL TAX REFUND	0.00%	\$ -
BOND RESERVE FUND/ SPECIAL TAX FUND	0.00%	\$ -
TOTAL		\$ 374,502.47
TOTAL ALL FUNDS		\$ 10,547,415.57

The investments comply with the CSD adopted investment policy.

PREPARED BY: Darlene Gillum
Assistant General Manager

MEMORANDUM

Date: February 11, 2014
To: Board of Directors
From: Greg Remson, Security Chief
Subject: Security Report for the Month of January 2014

OPERATIONS

The Department is fully staffed, although we did have a Patrol Officer off for two (2) weeks with the flu.

INCIDENTS OF NOTE

January 2, Thursday, 10:24 p.m. Vandalism. Patrol Officer contacted four (4) juveniles on Pera Drive in a golf cart. He observed lawn decorations in the cart. Other damage was found in the area. Parents and victims were contacted and will handle the situation.

January 5, Sunday, reported at 7:00 a.m. Assault/Battery arrest. Sacramento Sheriff's Department (SSD) responded to a report of a disturbance on Rio Oso between a 23 year old male resident and his former girlfriend. SSD arrested the male and transported him to jail.

January 7, Tuesday, reported at 8:43 p.m. Theft. Report of a theft of a welding torch from the porch on Camino Del Lago.

January 17, Friday, reported at 10:00 a.m. Theft. Report of an overnight theft of a phone charger and change from an unlocked vehicle parked in the driveway on Puerto Drive.

January 17, Friday, reported at 10:45 a.m. Attempted theft. Report that overnight someone entered an unlocked vehicle parked in the driveway on Venado Drive. No property was taken.

January 17, Friday, reported at 7:22 p.m. Hit & Run. A golf cart hit a parked vehicle on Colbert Drive and did not stop. A cell phone was left at the scene. An attempt was made to contact the possible cart driver. The female who answered the door said he was sleeping. Information provided to the victim, who declined to notify California Highway Patrol (CHP).

January 19, Sunday, reported at 2:00 p.m. Theft. Fishing gear was taken from a bicycle parked at Bass Lake.

January 20, Monday, reported at 5:30 p.m. Vehicle burglary. A motor home that was parked in the airport storage yard was forcibly entered and property taken.

January 29, Wednesday, reported at 9:35 a.m. Vandalism. A football themed flag was pulled down and damaged. This is the second time this has been done.

During the month of January, District Security Patrol Officers also responded to complaints of loud music, parties and disturbances.

RANCHO MURIETA ASSOCIATION COMPLIANCE/GRIEVANCE/SAFETY COMMITTEE MEETING

The meeting was held on January 6, 2014 at the Rancho Murieta Association (RMA) office. There were three (3) appearances regarding parking and chickens. The next meeting is scheduled for February 36, 2014.

NEW NORTH GATE

Drawings are available for viewing at the RMA office. On February 20 at 6 p.m. there will be a town hall meeting at the RMA office to discuss the plans. The cost at this point is around \$2 million. The District has been asked to contribute; RMA and John Sullivan's group will also contribute for some portion of the addition costs.

MEMORANDUM

Date: February 11, 2014
 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

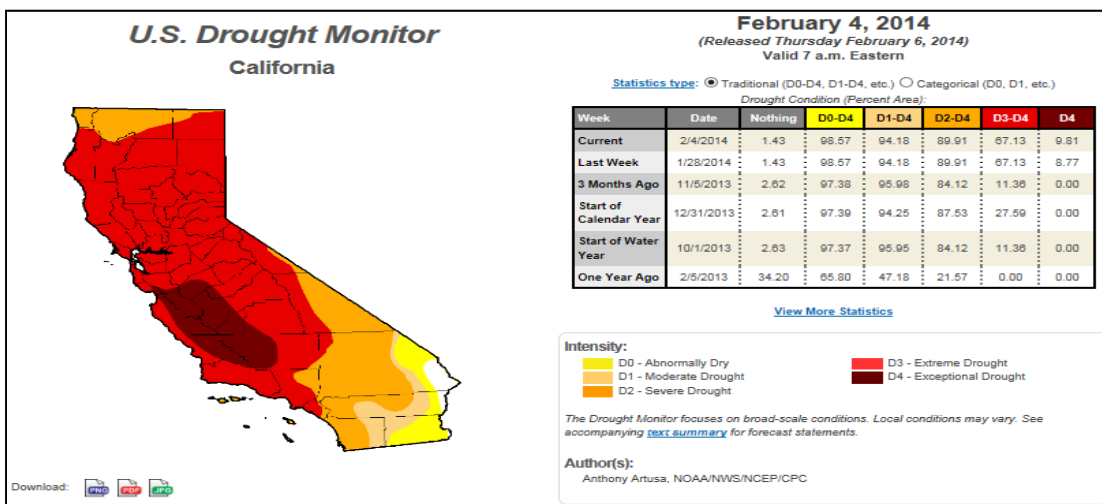
Water production has dropped off due to rain and water conservation, with Plant #1 flow at 0.7 million gallons per day (MGD) running 24 hrs/day. Plant #2 is off for winter maintenance and power conservation.

Total potable water production for January 2014 was approximately 28.62 million gallons (MG), or 87.8 acre-feet. Based on production versus number of connections, the average usage per customer connection was 353 gallons per day (gpd) during the month of January 2014.

Water Source of Supply

On February 5, 2014, the combined raw water storage for Calero, Chesbro, and Clementia Reservoirs measured approximately 934.7 MG (2,868.8 acre-feet). For Calero and Chesbro alone, the storage measured 664 MG (2080.8 acre-feet). For reference, an average year's demand has been 581 MG (1802 acre-feet). In January 2014, 0.34" of rain was received.

Due to 2013 having been the driest year on District record, with only 6.16" of rain, and long term forecasting declaring we will be in a persistent extreme drought (see Drought Monitor for California below), the District has been in a Stage 2 – Water Warning, requesting a targeted goal of 20% water cutbacks from all of its potable water users.



We are also in the process of filing a Temporary Urgency – Petition for Change to the State Water Resources Control Board – Division of Water Rights (DWR), for our main appropriative right, permit 16762, to allow us a greater ability to divert water to storage. A conference call with a representative with the DWR was promising in this regard, noting that we are not the only ones making such a request and they are making the review of these types of applications their number one priority in light of the Governor’s drought declaration.

The most recent storm has allowed the District to begin diversion from the Cosumnes River to storage in Calero Reservoir. In ideal circumstances, we would typically allow a “first flush” of the river to occur, so all debris and sediment below the high water line that gets scoured into the river from the first big rain is allowed to pass by our diversion structure at the Granlees Pump Station. Due to the dire water situation, we had been directed by the Board to pump as soon as water is available. This can cause wear and tear on our raw water diversion infrastructure, intake screens, pump impellers, wear rings, pump bowls, pipelines, and hydraulic control valves for the 500 hp pumps as the high velocity of sand and water scours them. Despite high river flows, only two (2) 500 hp pumps are currently able to run due to excessive plugging of the screening system. The plugging up of the screens does not allow adequate water flow into the pump’s wet well causing the pumps to cycle off. A maximum of three (3) 500 hp pumps are able to be run at one time, diverting up to 46 cfs.

Station Photo for reference

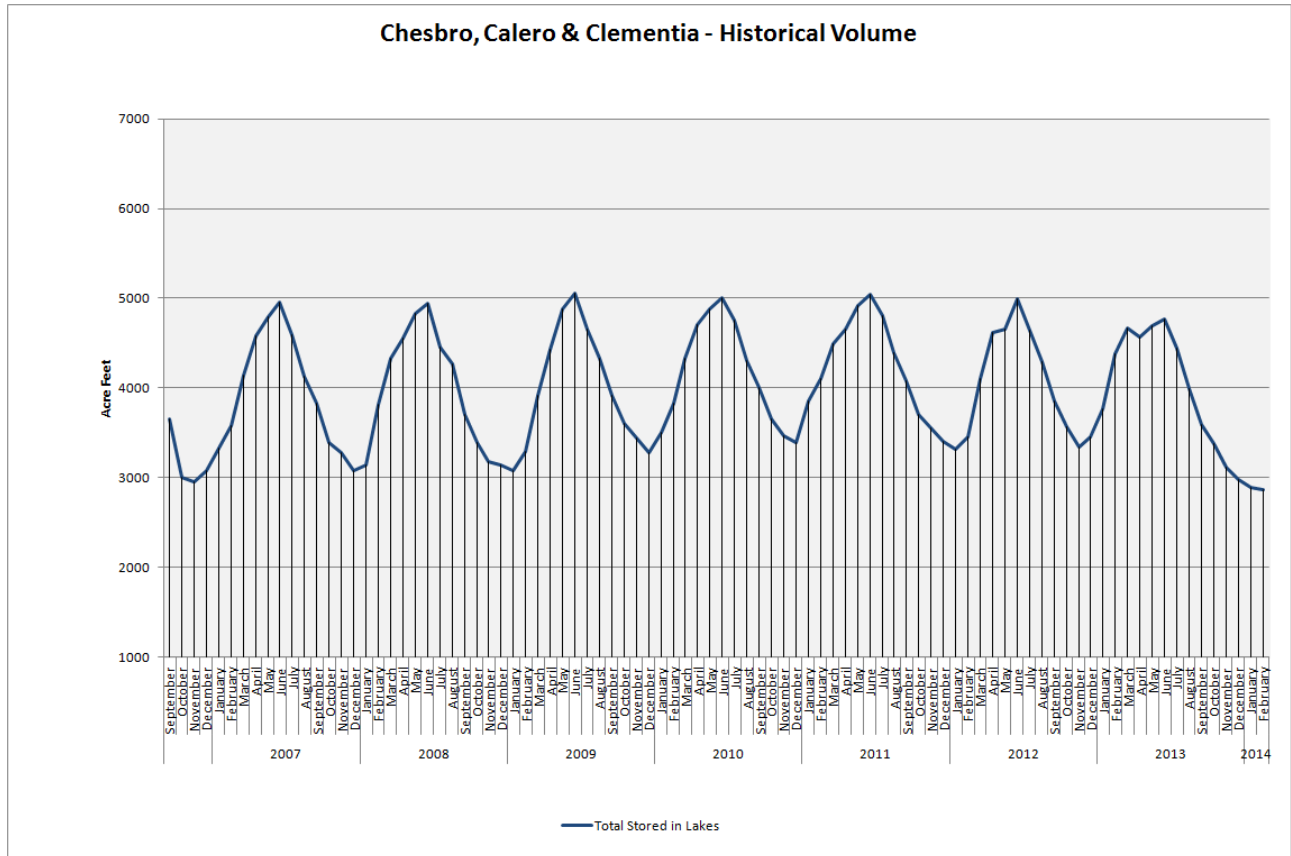


What the intake screens look like, consisting of a fine stainless steel mesh

Below is a table as of 2/5/2014 for estimated pumping times to fill the reservoirs.

Current Date	Season End Date	Days of Pumping Left	Full to Top of Splashboards Total Ac-Ft	Left to Fill MG	Left to Fill Ac-Ft	Days to Fill Using 1-125	Days to Fill Using 2-125s	Days to Fill Using 1-500	Days to Fill Using 2-500s	Days to Fill to Using 3-500s
02/05/14	5/31/2014	116	5062.9	714.901	2194.100	210.2	111.5	80.3	40.1	26.8

Below is a graph of the water stored in Calero and Chesbro and Clementia, since Sept. 2006.



Wastewater Treatment, Collection & Reclamation

Influent wastewater flow averaged 0.36 million gallons a day, for a total of 10.69 MG, (32.8 acre-feet). This is the lowest recorded influent volume for a month recorded. Staff is investigating possible metering issues as a bypass pump system in place at the Main Lift North pump station may have skewed metering data. Secondary storage measured 56.3 MG (172.8 acre-feet) on February 5, 2014. As part of regular collection system maintenance, sewer line jetting in the North has resumed to ensure the sewer pipe flows are unobstructed. Rocks were removed from a few of the sewer lines. Staff will follow up with CCTV'ing the lines to determine where they may have come from.

Drainage / CIA Ditch

The CIA Ditch had been in operation up until February 7, 2014, when it was closed down to prevent the ditch from being washed out due to forecasted rains. Staff is no longer cutting

vegetation in the drainage system, allowing it to maintain in its natural state to catch, filter, and slow the velocity of storm water that may be received during the winter months and into warming months.

Water metering & Utility Staff work

Staff completed all of the necessary water meter maintenance which included replacement of nine (9) water meters and four (4) MXUs. Utility staff repaired three (3) District service line water leaks. Also completed were twenty-one (21) calls for service, four (4) underground service alert (USA) requests and thirty-five (35) Utility Star service orders.

Other Projects

Murieta Gardens

The grading work has been on hold.

Well Project

The project is moving forward. We have filed a service application with SMUD in relation to power supply that would be needed should we develop a well at site B on the Anderson Ranch. Site A will not require a power upgrade. Also, a representative from California Department of Public Health (CDPH) conducted a site survey and report for the project. Plans and specifications for the wells are under way, a minor hold up being what sort of treatment train will be necessary.

Water Plant Phase 3

The project is currently out to bid with bids due February 21, 2014. Several contractors of various trades toured the Water Plant since the initial pre-bid walkthrough.

Main Lift North Rehabilitation Project

The project is complete, minus some testing and administrative issues to be worked out. The project began with the issuance of the Notice of Award on August 22, 2013. Below are photos of manholes before and after rehabilitation.





Photos of completed rehabilitation of manholes that feed the Main Lift North sewer pumping station

Recycled Water For Future Use:

I have contacted CDPH to check on the status of their evaluation of the Title 22 Report. They followed up with requesting a site visit, which will take place later this week. The CDPH has a memorandum of understanding with the State Water Resources Control Board to evaluate and turn around reports within thirty (30) days. The Title 22 Report was submitted to CDPH on December 10, 2013.

Adam Dubey email 01-17-2014.txt

From: Adam Dubey [adamdu312@gmail.com]
Sent: Friday, January 17, 2014 1:54 PM
To: Edward Crouse; Directors
Subject: Increased Tier Cost and Water Supply Concerns

Ed and CSD Board,

As you know, increasing the tier cost to influence water conservation on the residents of Rancho Murieta is concerning in a development that has "adequate supply and storage" for an additional hotel/commercial development, 670 additional residential units and the water needed to adequately maintain the common grounds for full build-out.

I agree residents should take reasonable care of their broken sprinklers and watering cycles, with penalties considered in extreme cases. However, residents should be provided water at a reasonable rate to adequately service their properties. This includes upscale homes like the ones on De La Cruz, with pools, grass and fountains. Residents have purchased homes in the subdivisions of Rancho Murieta over the years, with a promise of adequate water supply for the type/size of property they purchased. They shouldn't be penalized for that decision or for having a family larger than a retirement couple.

In my case, I live in a modest family home in Unit 1, with an estate lot. I have a family of four (4), and repair my irrigation system each year and prudently adjust my watering cycles to maintain my yard and CSD bill. I need an adequate water supply to irrigate my lot, with grass and to water my family's cloths and dishes. Water is also needed to periodically power-wash my home and deck, wash patio furniture, sports equipment, ect.

Reducing my family's water use by 20%, plus will probably require more than me converting my lawns to drought resistant plants, or selecting which plants live or die as some have suggested. I also don't believe collecting shower water from my kids and wife to recycle for plants is something I'm willing to do at this time, especially with water being supplied for the hotel/commercial construction. Maybe CSD should consider giving rebates to residents that are willing to go to these extremes, rather than imposing a punitive fine on residents that are not.

Anyways, based on the proposed tier increases, current hotel/commercial construction, and planned future development, I was hoping Ed or someone could answer the following questions:

- 1.) How does CSD determine adequate water supply for the residences in RM, including study sources and is it based on lot/family size? Is a pool, lawn or other residence amenity considered in the calculation?
- 2.) In detail, how are the rate-payer tier increases proposed to be structured?
- 3.) Will there be RMA CC&R rule violation waivers if residents allow their yards to die to conserve water and to prevent paying tier increases?
- 4.) What does CSD plan to do with the money they collected from the tier increases?
- 5.) What water conservation requirements if any, is the hotel/commercial development project required to make?
- 6.) Are there any more reservoirs or water storage sites planned for future development? Also, are there any other water resources planned for future development other than the Consumnes River?

Adam Dubey email 01-17-2014.txt

7.) Is CSD required to provide the water they receive from the Cosumnes River to future development?

Thanks,

Adam Dubey
(916) 862-2859

Feb 13, 2014 ①

RECEIVED

FEB 13 2014

Rancho Murieta
Community Services District

Dear Rancho Murieta CSD:

Rancho Murieta is currently experiencing a severe water emergency. We rely on pumping water from the Cosumnes into our reservoirs for all of our annual water and can only pump water from the river when there is adequate flow (>70 cubic feet per second or cfs). Although we received significant rain this past weekend, we cannot expect this to continue.

Because of the ongoing drought, our area received trivial rainfall until this past weekend. We, therefore, have not been able to pump from the river to fill our reservoirs (with one brief exception). Despite this urgent need for water, the pumps were not running at about 5:00 pm on Sunday, Feb. 9, 2014, although the river was flowing at over 3500 cfs. Apparently they were not reinitiated until Monday morning, Feb. 10. A 12 hour loss of pumping capacity, given our historic drought, represents a loss of thousands of gallons of water from our reservoir. **This is unacceptable.**

- 1) CSD needs to have an Emergency Plan that ensures that they have all of the appropriate resources and staff in the position to initiate and maintain continuous water pumping as soon as we have adequate flow (70 cfs). This plan should be shared with the community.
- 2) The plan should provide for back-up pumps, debris diverters, self-cleaning intake screens, onsite observers, and any other proactive solutions reasonably possible to ensure that the pumping systems are working continuously and at maximum capacity, when flow is adequate. Given that we must capture as much water as we can when it is available, we cannot afford to have our pumps down for any reason when there is adequate flow to pump.

- 3) CSD must expect unexpected occurrences and be prepared to respond accordingly and in a timely manner.
- 4) The costs associated with our reservoirs running dry or of drilling wells in search of drinkable groundwater are very high, so we should be willing to take additional measures and costs now to avoid this situation later.
- 5) None of us wants to experience a lack of water in the lakes and the loss of associated wildlife and landscape, so we should do everything possible to avoid this situation.

This is an emergency situation. The community needs to see a contingency plan that shows us that CSD is treating this historic drought as an emergency and is better prepared for the next storm.

Thank you for your attention to this matter. We look forward to receiving a response from you.

Sincerely,

[Handwritten signature]
 LOT 485

[Handwritten signature]
[Handwritten signature]
 Stephanie
 Ashburn 15036 Magnolia Ct.

[Handwritten signature]
 Tim Pank
 Lot 49A

[Handwritten signature] Lot 440
[Handwritten signature]

[Handwritten signature]
 15227 Medella Circle.
 R.M. South.

[Handwritten signature]
[Handwritten signature]
 14861 Trinidad DR

MEMORANDUM

Date: February 10, 2014
To: Board of Directors
From: Edward Crouse, General Manager
Subject: Water Treatment Plant Expansion Project Update

RECOMMENDED ACTION

Receive update. No action required.

CEQA IS/MND

The Initial Study/Mitigated Negative Declaration (IS/MND) was sent to the state Clearinghouse in early January. The comment period closed February 7, 2014. As of that date, we only received two (2) form letter type responses; one (1) from the Regional Board and one (1) from Caltrans, of which neither required changes to the project or IS/MND. HDR addressed the comments and prepared the final IS/MND which is ready for a public hearing and approval at our February 19, 2014 Board meeting.

BID AND AWARD

The project bid opening was extended to February 21, 2014, to allow the contractors more time to bid. A Special Board meeting is scheduled for February 28 to award contracts.

ENGINEERING SERVICES

HDR submitted their proposed scope for bidding assistance and services during construction. Staff and Roebbelen are reviewing the proposal as we have some concerns with the amount of the fee and level of anticipated work. At the direction of the Improvements Committee, I met with HDR and Roebbelen to review coordination of construction administration to ensure there is no overlap. Both have a good sense of each other's role and responsibility and there does not appear to be any overlap.

GE CONTRACT

Final compilation of the contract documents is complete and waiting for signatures, following award of the trade contracts.

PROJECT SCHEDULE

Roebbelen reviewed the project schedule following questions from the pre-job walk through and, as a result of the delay in awarding the GE contract, they determined the GE procurement and delivery was the critical long lead item with delivery likely in October 2014. Given that schedule, it seems unlikely that an accelerated schedule completion by December 2014 will not occur. Roebbelen recommended and staff agreed to a blended schedule with the WTP being on line in May 2015. The recent addendum included the revised schedule.

Water Treatment Plant 1 (WTP1) Expansion and Upgrade Project

The table below is a summary of expenditures, through January 2014, related to the WTP1 Expansion and Upgrade project:

WTP1 Expansion and Upgrade Project	Approved Amount	RMCS D	R&B Letter of Credit	Developer	Total Expended to Date
WTP Design (HDR)	\$239,982.00		\$197,432.23		\$197,432.23
Construction Manager at Risk (Roebbelen)	\$49,049.00	\$26,309.00			\$26,309.00
SMUD Application	\$5,000.00	\$5,000.00			\$5,000.00
CEQA (HDR)	\$46,292.00		\$36,329.56		\$36,329.56
Geotechnical Study (Youngdahl)	\$2,600.00	\$2,600.00			\$2,600.00
Legal		\$2,373.00			
CSD Personnel		\$18,427.50			
Bid Advertising		\$83.95			
Total	<u><u>\$342,923.00</u></u>	<u><u>\$54,793.45</u></u>	<u><u>\$233,761.79</u></u>	<u><u>\$0.00</u></u>	<u><u>\$267,670.79</u></u>

Letter of Credit (LOC) Balance as of December 31, 2013:

Beginning Balance:	\$ 4,136,099.12
- LOC expenditures thru 1/31/14	<u><u>(\$233,761.79)</u></u>
LOC Remaining Balance	<u><u>\$ 3,902,337.33</u></u>

Letter of Credit (LOC) Demands Tracking:

Demands made thru 2/14/14	\$233,761.79
LOC Reimbursement Received thru 12/31/13	<u><u>(\$36,531.84)</u></u>
Reimbursement Outstanding	<u><u>\$197,229.95</u></u>

MEMORANDUM

Date: February 14, 2014
To: Board of Directors
From: Improvements Committee Staff
Subject: Approve Proposal from HDR for Engineering Services During Construction

RECOMMENDED ACTION

Approve the proposal from HDR for engineering services during construction of the Water Treatment Plant Expansion Project, in an amount not to exceed \$295,747. Funding to come from Water Replacement Reserves.

Approve staff training in an amount not to exceed \$28,203. Funding to come from Water Replacement Reserves.

BACKGROUND

The attached proposal is for HDR to provide engineering services during construction of the Water Treatment Plant Expansion Project. The scope of services includes normal pre-bid and construction services, including bidding assistance, progress meetings, responses to requests for information, shop drawing review, limited field inspection, change order assistance, and start up.

There is also an option for HDR to provide training for staff, in addition to regular start up services.

We have forwarded the scope to Roebbelen for their review and assistance in determining appropriate HDR efforts and fees.

I met with HDR and Roebbelen yesterday as requested by the Improvements Committee to make sure there is no overlap of services during construction. Both HDR and Roebbelen have a good handle on each other's role and responsibilities.

Both agree this is a complex project as it is a retrofit with all the unknowns associated with a "remodel" approach to construction. In addition, the GE process equipment adds more complexity on top.

Roebbelen will be first point of contact for shop drawing submittals and Requests for Information (RFI). This will answer non-engineering RFIs and scrub submittals for completeness before sending to HDR. HDR feels confident of their estimated effort for submittals and RFIs.

Roebbelen will be onsite and provide daily management oversight. HDR will visit periodically for observation, but not inspection or management.

As the Improvements Committee noted, this contract is a Time and Materials, with estimated fees. As such, there is an opportunity to save fees with close coordination between HDR and Roebbelen. We will monitor costs and make adjustments as needed.

The Improvements Committee recommends approval.

EXHIBIT A SCOPE OF SERVICES

Rancho Murieta Community Services District Water Treatment Plant Expansion - Bid Period and Construction Engineering Services

This scope of work was developed based on construction of a Water Treatment Plant Expansion project, which will include demolishing the Plant 1 sedimentation basins filters and constructing in their place a 6 mgd membrane treatment system with an initial capacity of 3.5 mgd.

TASK 1 - PROJECT MANAGEMENT

This task includes the following management activities required to efficiently provide HDR's scope of services and meet the District's goals:

- Prepare invoices and progress reports on a monthly basis.
- Coordinate with the CMAR, schedule staff, and coordinate the quality assurance effort.

TASK 2 - BIDDING AND CONSTRUCTOR SELECTION ASSISTANCE

Subtask 2.1 - Prebid Meeting

HDR will attend up to three prebid meetings for the various design packages advertised for bidding by the CMAR. HDR will describe the design and be prepared to answer questions during the meeting. This subtask assumes the CMAR will organize and run the meetings and provide staff as needed to convey the District's construction bidding requirements and policies.

Subtask 2.2 - Bidding Services

HDR will provide assistance during the bidding period, which includes responding to written and faxed questions by the bidders, issuing addenda to the contract documents for distribution to plan and specification holders, assisting the CMAR and the District with evaluating and reviewing the bids for conformation with the contract documents, and providing input in the awarding of the contract. This subtask assumes that the CMAR will receive and forward questions from bidders and will prepare, negotiate, and execute the construction agreement with the selected bidder(s). A four to six-week bid period is assumed. After contract award(s), a conformed set of bid documents will be prepared.

***Deliverables:** Written clarification of contractor questions, up to five addenda to the bid sets, and one unbound original reproducible set and PDF of conformed set of drawings.*

TASK 3 - ENGINEERING SERVICES DURING CONSTRUCTION

Subtask 3.1 - Site Visits / Progress Meetings

- Attend progress meetings twice per month during active construction periods to provide design input on construction and submittal review issues and concurrently provide on-site observation. Up to 15 construction progress meetings have been budgeted.
- Make site visits to observe construction progress, verify design intent, and assist in field decision-making and problem resolution.
- Provide additional field visits to the construction site upon request to observe the work in progress and advise the District of appropriate comments and/or concerns.
- Up to four site visits have been budgeted.

Subtask 3.2 - SCADA and Electrical, Instrumentation, and Control Integration Field Support

- Make site visits to verify design, assist with field problem resolution, and hold progress meetings to coordinate electrical and instrumentation supply, construction, and SCADA system integration.
- Assume three meetings for the purpose of electrical, instrumentation, and control planning, coordination, and troubleshooting, including up to two participants from HDR.

Subtask 3.3 - Submittal Review

- Review shop drawing submittal schedule provided by the contractor. Notify contractor of acceptance or rejection of schedule noting deficiencies and indicating contractor action required.
- Distribute copies of approved schedule to design team members responsible for shop drawing reviews.
- Receive, log, and distribute submittals received from CMAR to appropriate design team members for review.
- HDR Engineering will not be responsible for consultation or other services relating to construction means and methods, or construction site safety.
- Budget is based upon up to 240 submittals, including resubmittals. This assumes CMAR will review submittals other than: structural, mechanical, electrical and process.

Subtask 3.4 - Request for Information/Request for Clarification (RFI/RFC) Review and Response

- Review RFIs and RFCs, and provide response options and recommendations in a timely manner, including expedited reviews for time sensitive RFIs/RFCs.

- Prepare design clarifications as required to clarify design intent.
- Budget is based upon up to 100 RFIs.

Subtask 3.5 - Proposed Contract Modifications (PCMs) and Change Order Assistance

- Prepare PCM for design changes, including design calculations, drawings, justification, and cost estimates. Budget is based upon up to four PCMs and supporting documentation.
- Assist the District in reviewing proposed change orders for conformance with the design intent and verification of proposed cost. Budget is based upon review of up to six change order requests.

Subtask 3.6 - Final Punch List

- Participate in a site visit to develop items for the punch list (three participants from HDR). Prepare and provide items for incorporation into the final punch list maintained by the Construction Manager.
- Review progress completion on punch list items and conduct site visit to observe completed work and develop final punch list (one participant from HDR).

Subtask 3.7 - Startup and Testing

- Attend commissioning team meetings and provide startup and initial operating assistance, including assistance in the development, review, and implementation of the contractor's startup and sequencing plan for the SCADA system, membrane systems, pumping stations, and ancillary systems.
- Witness functional testing and performance testing. Provide oversight to confirm that the facilities function properly and meet performance criteria as established in the contract documents.
- Budget is based upon a labor allocation of 56 engineering hours and four administration hours.

Subtask 3.8 - As-Built Drawings

- The contractor is responsible for maintaining a single field mark-up set, and the District's red-lines should be contained in a single marked-up set. HDR will provide CAD-generated record drawings from the contractor's and District's "red-line" field mark-up set. Details and drawings will be updated based upon review of District/contractor redlines and actual equipment shop drawings. Detailed shop drawing information will not be placed on the drawings, but will be used to correct the original drawings. Reconcile PCMs and change orders with contractor mark-ups to ensure contract changes have been incorporated.

- One full-size (22" x 34") bond set, one PDF file, and one set of CAD files of the record drawings will be provided.
- Budget is based upon 150 drawings.

Subtask 3.9 - Assist with Providing Technical Information

- Section 116530 of the Safe Drinking Water Act, entitled “Technical report” states, “A public water system shall submit a technical report to the department as part of the permit application or when otherwise required by the department. This report may include, but not be limited to, detailed plans and specifications, water quality information, and physical descriptions of the existing or proposed system, and financial assurance information.”
- HDR will assist the District in preparing the report by providing the technical information pertaining to the expansion project.
- Preparation of the report will be the responsibility of the District.

Subtask 3.10 - Assist with Providing Information for Operations Plan

- HDR will assist the District in preparing the updated operations plan for the water treatment plant expansion by providing the technical information pertaining to the expansion project.
- Preparation of the Operations Plan will be the responsibility of the District.

Subtask 3.11 - Training for District Staff (OPTIONAL)

- Review training manuals prepared by others, such as equipment suppliers.
- After completing the O&M manual (see Subtask 3.10), prepare course materials and conduct training sessions for O&M personnel on each surface water treatment facility unit process and on the overall operation of the plant. Operator training shall include approximately 40 hours of classroom training with handouts as required. Budget is based upon an allocation of 100 engineering/operations specialist hours, 32 project manager hours, 14 hours electrical engineer, and 20 administration hours. Training will be conducted in classrooms at the plant or another location provided by the District.

ASSUMPTIONS

A brief summary of the assumptions upon which the scope of work is based follows:

- The existing water treatment plant will be expanded to meet an ultimate demand of 6 mgd. The initial project will be sized for 3.5 mgd with provisions made for easily expanding to 6 mgd in the future by adding membrane equipment.
- The expansion will replace the existing 1.5 mgd capacity of Plant 1, which requires decommissioning due to age and directives from regulators.

- Construction management, including inspections and testing, will be performed by the CMAR. CMAR will be responsible for processing payment requests, document management, dispute resolution, progress meetings, inspection, testing supervision, and final closeout.
- The contractor is responsible for completing the project within the time allowed in the contract (16 months) or be subject to liquidated damages. A project extending beyond the originally specified contract time may result in added costs for HDR services.
- The contractor must submit updated redline as-built mark-ups prior to receiving an approval on each payment request.
- The contractor is responsible for their means and methods of constructing the project subject to the contract documents, applicable laws and codes, construction site safety, and coordination of work between trades.

EXHIBIT B - ESTIMATED WORK EFFORT AND COST

Rancho Murieta Community Services District

Water Treatment Plant Expansion - Engineering Services During Bid Construction

Task No.	Task Description	Principal/ QA/QC	Project Manager	Civil/ Process	Struct Engr	Mech Engr	Elect Engr	CADD Tech	Admin/ Clerical	Total HDR Labor Hours	Total HDR Labor (\$)	Total HDR Expenses (\$)	Total Cost (\$)
Task 1 - Project Management													
1.1	Project Management and QA/QC	2	20						36	58	\$8,695	\$ 435	\$ 9,130
	Subtotal Task 1	2	20	-	-	-	-	-	36	58	8,695	\$ 435	\$ 9,130
Task 2 - Bidding and Constructor Selection Assistance													
2.1	Prebid Meeting		4	4						8	\$1,523	\$ 76	\$ 1,599
2.2	Bidding Services (up to 4 addenda)	2	12	32	4	4	8	32	10	104	\$15,008	\$ 750	\$ 15,758
	Subtotal Task 2	2	16	36	4	4	8	32	10	112	16,531	\$ 827	\$ 17,357
Task 3 - Engineering Services during Construction													
3.1	Site Visits (4)/Progress Meetings (up to 15)		15	30	12	8			2	67	\$11,235	\$ 562	\$ 11,797
3.2	SCADA and Electrical, Instrumentation, and Control Integration Field Support		4				18		2	24	\$4,112	\$ 206	\$ 4,318
3.3	Submittals (up to 240)		72	140	120	100	172	140	220	964	\$137,828	\$ 6,891	\$ 144,719
3.4	RFI/RFC Review and Response (up to 100)		25	68	43	24	76	8	30	274	\$42,527	\$ 2,126	\$ 44,653
3.5	PCM (up to 4) and Change Order Assistance (up to 4)		6	16	4	4	8	4	6	48	\$7,261	\$ 363	\$ 7,624
3.6	Final Punch List (one site visit)		6	12	6	6	12		2	44	\$7,226	\$ 361	\$ 7,588
3.7	Startup and Testing Assistance		6	16		6	24		4	56	\$8,861	\$ 443	\$ 9,304
3.8	As-Built Drawings (up to 150 drawings)		2	24				150	8	184	\$22,155	\$ 1,108	\$ 23,263
3.9	Assist with Providing Technical Information	2	8	32				8		50	\$7,616	\$ 381	\$ 7,997
3.10	Assist with Providing Information for Operations Plan	2	8	32				8		50	\$7,616	\$ 381	\$ 7,997
	Subtotal Task 3	4	152	370	185	148	310	318	274	1,761	256,438	\$ 12,822	\$ 269,260
TOTALS		8	188	406	189	152	318	350	320	1,931	\$281,664	\$14,083	\$295,747
Optional Item													
3.11	Training for District Staff	2	16	100		24	14		20	176	\$25,639	\$ 2,564	\$ 28,203

MEMORANDUM

Date: February 12, 2014
To: Board of Directors
From: Edward R. Crouse, General Manager
Subject: Receive Drought Update

RECOMMENDED ACTION

No action – receive update.

FUTURE FORECASTS

Both NOAA and USGS continue their long range forecasts of continued extremely dry conditions through the spring. However, there are several forecasts showing the high pressure ridge breaking up over the next month or two as evident by the two (2) recent storms.

RIVER FLOWS AND DIVERSIONS

Recent rains dramatically increased river flows to nearly 4,000 cfs, which triggered use of two (2) 500 hp pumps, capable of diverting 30 cfs, or 60 acre-feet per day. Flows today are just a hair above 200 cfs. Hopefully, with the recent addition to the snow-pack, the river flows stay high, allowing us to use our larger pumps.

Our diversions so far have added over 100 AF these last few days. Were adding roughly 60 AF per day. Under this operation mode, we can fill the reservoirs in 40 days.

STAGE 2 DECLARATION

The Stage 2 - 20% conservation levels became mandatory effective February 1, 2014. Enforcement of water wastes and time/day of use is going on daily. Security logs the location and type of violation; Utility staff follow-up the next morning with door hangar notices of violations.

We just completed our mid-period meter reads. Darlene reports that usage was about 709,000 gpd for the first two (2) weeks of February, which is about a 7% reduction from January demands.

Security is helping with enforcement by noting water waste violations and turning those in daily to Utility staff to hang door hangars. We have seen a drop in violations, but we attribute the low numbers to residents heeding our call to turn off irrigation. Once the true irrigation season begins in late March and early April, we expect an increase in our enforcement activities.

DROUGHT WEB PAGE

Our new Drought Update webpage went live Monday, following computer issues over the weekend. The page includes weekly updates on lake levels and levels of conservation, frequently asked questions (FAQ), rebates, and our water supply contingency plan stage information.

EDCUATION & OUTREACH

Staff has been trained in responding to resident questions using our FAQs. These FAQs are updated as necessary as new questions come in.

Suzanne is working with cable Paul on Channel 5 drought messaging. We plan on attending Rancho Murieta Country Club's (RMCC) Golf Expo on February 18, 2014. Director Pasek and Paul Siebensohn attended February Fishing Club meeting. Directors Pasek and Ferraro made a presentation this week at the Niners luncheon.

Suzanne is coordinating presentations at local service organization and garden club meetings.

MEMORANDUM

Date: February 12, 2014
To: Board of Directors
From: Improvements Committee Staff
Subject: Adopt Resolution 2014-04, A Resolution Adopting a Mitigated Negative Declaration for the Water Treatment Plant Expansion Project and Approving the Project

RECOMMENDED ACTION

Adopt Resolution 2014-04, a Resolution Adopting a Mitigated Negative Declaration for the Water Treatment Plant Expansion Project and Approving the Project, authorize the filing of a Notice of Determination under the California Environmental Quality Act (CEQA), and approve the Project.

BACKGROUND

The main objective of the Project is to ensure that Rancho Murieta Community Services District (District) maintains an adequate water supply for approved and future planned development in the District's service area. Therefore, the District is proposing to expand and make improvements at their existing water treatment plant (WTP) facility due to aging equipment and processes and to address future regulatory requirements. Once the proposed Project is completed, the firm rated capacity of Plant 1 would be approximately 3.5 mgd. Ultimately, Plant 1 would be expanded to provide a firm rated capacity of up to 6.0 mgd and Plant 2 could be used for backup purposes.

In accordance with CEQA, an Initial Study/Mitigated Negative Declaration (IS/MND) has been prepared for the Project documenting environmental impacts. The Draft IS/MND was circulated for public review between January 9, 2014 and February 10, 2014. The District received two (2) comment letters in response to the Draft IS/MND, which have been addressed in the Final IS/MND.

The Final IS/MND concludes that the project would not have any significant effects on the environment once mitigation measures are implemented. Mitigation for the project is presented for biological resources and cultural resources. The District has developed a Mitigation Monitoring and Reporting Program in order to provide for the implementation of the mitigation measures identified in the IS/MND.

Copies of the Final IS/MND, the Mitigation Monitoring and Reporting Program, and the Draft IS/MND have been distributed to the District Board of Directors and have been made available to the public.

The Improvements Committee recommends adoption.

RESOLUTION 2014-04

RESOLUTION OF THE BOARD OF DIRECTORS OF RANCHO MURIETA COMMUNITY SERVICES DISTRICT ADOPTING A MITIGATED NEGATIVE DECLARATION FOR THE PROPOSED WATER TREATMENT PLANT EXPANSION PROJECT AND RELATED APPROVALS

WHEREAS, The Rancho Murieta Community Services District is proposing to expand its existing Water Treatment Plant (WTP) at its current site in the Community of Rancho Murieta, Sacramento County, California.

WHEREAS, the District, as the Lead Agency, has prepared an Initial Study/Mitigated Negative Declaration for the proposed Water Treatment Plant Expansion Project (the "Project"), pursuant to the California Environmental Quality Act (Public Resources Code Section 21000 *et seq.*, hereinafter "CEQA"), the Guidelines for Implementation of the California Environmental Quality Act (14 Cal. Code Regs. Section 15000 *et seq.*, hereinafter the "State CEQA Guidelines") and local procedures adopted by the District pursuant thereto; and

WHEREAS, the District has published and distributed a Notice of Intent to Adopt a Negative Declaration of Environmental Significance with Mitigation Measures and circulated a draft Initial Study/Mitigated Negative Declaration in accordance with CEQA and State CEQA Guidelines; and

WHEREAS, the District has made certain revisions and corrections to the draft Initial Study/Mitigated Negative Declaration after its circulation and received written comments during the public review period, none of which resulted in revisions to the Mitigated Negative Declaration that require recirculation of the Mitigated Negative Declaration prior to adoption; and

WHEREAS, on February 19, 2014, the District held a public hearing on the proposed Amendments and the Mitigated Negative Declaration, and the District has considered all comments and testimony received pertaining thereto.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE RANCHO MURIETA COMMUNITY SERVICES DISTRICT DOES HEREBY RESOLVE AS FOLLOWS:

Section 1. The Mitigated Negative Declaration has been prepared, published, circulated and reviewed in accordance with the requirements of CEQA, the State CEQA Guidelines and local procedures adopted by the District pursuant thereto.

Section 2. The Board hereby finds, on the basis of the whole record before it (including the initial study, comments received and all written and oral evidence presented at the hearing) that there is no substantial evidence that the proposed Amendments will have a significant effect on the environment. The Board finds that it independently reviewed the Mitigated Negative Declaration, exercised overall control and direction of the CEQA review process, and the Mitigated Negative Declaration reflects the Board's independent judgment and analysis.

Section 3. The Board hereby adopts the Mitigated Negative Declaration as complete, adequate and in compliance with CEQA, State CEQA Guidelines and local procedures.

Section 4. The Board hereby adopts the Mitigation Monitoring Program set forth in Exhibit A attached hereto and incorporated herein by this reference.

Section 5. The Project is hereby approved, and the District General Manager is authorized and directed to file a notice of determination consistent with CEQA.

Section 6. The District is the custodian of the documents and other material which constitute the record of proceedings upon which this decision is based, which documents and other materials are located at the Rancho Murieta Community Services District, 15160 Jackson Highway, Rancho Murieta, CA. 95683.

PASSED AND ADOPTED this 19th day of February 2014, by the following Roll Call Vote:

Ayes:

Noes:

Abstain:

Absent:

Gerald Pasek, President of the Board
Rancho Murieta Community Services District

Attest:

Suzanne Lindenfeld
District Secretary

Final Initial Study / Mitigated Negative Declaration

Rancho Murieta Community Services District Water Treatment Plant Expansion Project



Rancho Murieta Community Services District

State Clearinghouse # 2014012016

February 2014

HDR

2365 Iron Point Road, Suite 300
Folsom, CA 95630

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MITIGATED NEGATIVE DECLARATION

PROJECT: Water Treatment Plant Expansion Project

LEAD AGENCY: Rancho Murieta Community Services District

PROJECT DESCRIPTION: The Rancho Murieta Community Services District (RMCSO or District) is proposing to expand its existing Water Treatment Plant (WTP) at its current site in the Community of Rancho Murieta, Sacramento County, California. The District is the lead agency under the California Environmental Quality Act (CEQA). The project proposes to expand and make improvements to existing facilities that are part of its WTP, which is comprised of two operational plants, called Plant 1 and Plant 2. The expansion would ensure that the District maintains an adequate potable water supply for approved and future planned development in the District's service area. The WTP improvements would upgrade aging equipment and treatment processes and would make changes to address future regulatory requirements. Once the project is completed the firm rated capacity of Plant 1 would be approximately 3.5mgd. Ultimately, Plant 1 would be expanded to provide a firm rated capacity of up to 6.0mgd and Plant 2 could be used for backup purposes.

The Draft Initial Study/ Mitigated Negative Declaration (Draft IS/MND) was submitted to the State Clearinghouse on January 9, 2014 for a 30 day public review period. During the public review period the Draft IS/MND was made available for review on the District's Web site, www.ranchohurietacsos.com.

FINDINGS: An initial study (IS) has been prepared to assess the proposed project's potential effects on the environment and the significance of those effects. Using the results of the IS, the proposed project would not have any significant effects on the environment once mitigation measures are implemented. This conclusion is supported by the following findings:

- ▶ The project would result in no impacts to agriculture and forestry resources, land use/ planning, mineral resources, population and housing, public services, recreation, and utilities and service systems.
- ▶ The project would result in less-than-significant impacts to aesthetics, air quality, geology/ soils, greenhouse gas emissions, hazards and hazardous materials, hydrology/ water quality, noise, and transportation/ traffic.
- ▶ Although there are currently no nesting raptors that might be disturbed at the project site, mitigation is included to address the potential for raptors to nest at or near the project site prior to construction of the project.
- ▶ Although there are no known cultural resources that might be disturbed, mitigation is included to address the potential for discovering archaeological and/or human remains during the construction phase of the project.
- ▶ The project would not substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, reduce the number or restrict the range of a special-status species, or eliminate important examples of California history or prehistory.
- ▶ The project would not achieve short-term environmental goals to the disadvantage of long-term environmental goals.
- ▶ The project would not have environmental effects that are individually limited but cumulatively considerable.

MITIGATED NEGATIVE DECLARATION

- ▶ The project would not have environmental effects that would cause substantial adverse effects on human beings, either directly or indirectly.
- ▶ No substantial evidence exists that the project would have a significant negative or adverse effect on the environment.
- ▶ The project incorporates all applicable mitigation measures, as listed below and described in the IS.

The following mitigation measures shall be implemented as part of the project to avoid or minimize potential environmental impacts. Implementation of these mitigation measures would reduce the potential environmental impacts of the proposed project to a less-than-significant level.

Mitigation Measure BIO-1 - Preconstruction Surveys for Swainson's Hawk and Establishment of Buffers, if Necessary.

Mitigation Measure BIO-2 - Preconstruction Surveys for Other Raptors and Migratory Birds.

Mitigation Measure CR-1 - Protection of Prehistoric or Historic Subsurface Cultural Resources

Mitigation Measure CR-2 - Protection of Human Remains

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ACRONYMS AND ABBREVIATIONS

CEQA	California Environmental Quality Act
CVFPB	Central Valley Flood Protection Board
CVRWQCB	Central Valley Regional Water Quality Control Board
DBH	diameter at breast height
District	Rancho Murieta Community Services District
IS	Initial Study
IS/MND	Initial Study/ Mitigated Negative Declaration
NPDES	National Pollutant Discharge Elimination System
NOI	Notice of Intent
PRC	Public Resources Code
RMCS D	Rancho Murieta Community Services District
SR	State Route
WTP	Water Treatment Plant

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1 INTRODUCTION

The Rancho Murieta Community Services District has prepared this Initial Study/ Mitigated Negative Declaration (IS/MND) in compliance with the California Environmental Quality Act (CEQA) to address the environmental consequences of the proposed Rancho Murieta Community Services District Water Treatment Plant Expansion Project (proposed project) located in the City of Rancho Murieta, Sacramento County, California. The project is located east of Chesbro Reservoir and the developed portion of the Rancho Murieta community and golf course, and directly north of Clementia Reservoir. The project proposes to expand and make improvements at the existing WTP facility due to aging equipment and processes and to address future regulatory requirements.

1.1 PURPOSE OF THIS DOCUMENT AND OVERVIEW OF THE DRAFT IS/MND PUBLIC REVIEW PROCESS

On January 9, 2014, the District distributed to public agencies and the general public the Draft IS/MND for the proposed project. The Draft IS/MND was prepared on behalf of the District in accordance with the requirements of the California Environmental Quality Act (CEQA) Statutes (Public Resources Code [PRC] Sections 21000 et seq.) and the State CEQA Guidelines (Title 14, Section 15000 et seq. of the California Code of Regulations). The District is the lead agency under CEQA.

In accordance with the CEQA Statutes (PRC Section 21092) and Section 15072 of the State CEQA Guidelines, public notice of the Draft IS/MND and the beginning of the public review period was provided by the District through publication of an announcement in the Daily Recorder on January 9, 2014. In accordance with Section 15105(b) of the State CEQA Guidelines, the District provided a 30-day public review period for the Draft IS/MND, ending on February 10, 2014.

The public notice was published in The Daily Recorder and included the notice of intent (NOI) to adopt a proposed mitigated negative declaration for the Rancho Murieta Community Services District Water Treatment Plant Expansion Project. The NOI included information on how to obtain copies of the Draft IS/MND and how to provide comments on the document. Additional notification methods of the availability of the Draft IS/MND were also used, including: emailing the NOI to interested parties and posting of the electronic version of the Draft IS/MND on the District's website: www.ranchomurietacsd.com.

The District received two comment letters on the Draft IS/MND during the 30-day public comment period. Both comment letters are addressed in this Final IS/MND. This Final IS/MND has been prepared to respond to the comments received by the District on the Draft IS/MND.

This document consists of the following chapters:

- ▶ Chapter 1, "Introduction," describes the purpose of this Final IS/MND, provides an overview of the public review process, summarizes the project background and need, objectives, and provides an overview of the proposed project and the anticipated project timeline.
- ▶ Chapter 2, "Comments and Responses to Comments on the Draft IS/MND," reproduces the comment letters received by the District on the Draft IS/MND and provides responses to those comments.
- ▶ Chapter 3, "Corrections and Updates to the Draft IS/MND," lists minor modifications to the Draft IS/MND made in response to the comments received. These modifications do not change any of the impact conclusions stated in the Draft IS/MND.

- ▶ Chapter 4, "List of Preparers," lists the individuals who contributed to the preparation of this Final IS/MND.

This document and the Draft IS/MND together constitute the Final IS/MND for the Ranch Murieta Community Services District Water Treatment Plant Expansion Project. The Draft IS/MND is hereby incorporated into this document by reference.

1.2 PROJECT BACKGROUND

The District was formed in 1982 to provide water supply, wastewater, storm drainage and flood control services, and later added security and solid waste collection and disposal services, to the community of Rancho Murieta. The District owns and operates a water supply, storage, and treatment system. The area served by the District encompasses approximately 3,500 acres. County land use designations within this service area provide for the ultimate development of approximately 2,500 acres for single-family residences, townhouses, apartments, duplexes, manufactured homes, and commercial development.

The District's water supply consists of seasonal diversion from the Cosumnes River that is normally diverted to three storage reservoirs (Calero, Chesbro, and Clementia). The total amount of water taken from the Cosumnes River cannot exceed 6,368 acre-feet per year.

The District's first water treatment plant (Plant 1) had a design capacity of 1.5 million gallons per day (mgd) of single media sand filtration. Plant components and processes include:

- Drum screen
- Flash mixing
- Flocculation
- Sedimentation
- Traveling bridge filter
- Chlorine contact basin
- Booster pumps

The second water treatment plant (Plant 2) was constructed in 1988 with a rated capacity of 2.0 mgd. Plant components and processes for Plant 2 are similar to those in Plant 1. In 1995, both Plants 1 and 2 were retrofitted to meet the new Surface Water Treatment Rule, with Plant 1 changing to dual media filtration and being internally de-rated to 1.2 MGD due to hydraulic limitations. Since then, the plants have generally operated well to provide a 1.5 and 2.0 mgd, respectively, resulting in 3.5 mgd of total combined capacity. Although both plants share common system and control rooms (located in Plant 1), the two plants are otherwise entirely independent, having separate sedimentation basins, filters, chlorine contact chambers, and treated water booster pump stations.

The District's 2010 Integrated Water Master Plan (IWMP) looked at existing and future buildout (2030) water supply and water treatment demands and capacity, as well as wastewater treatment and recycled water treatment, and storage for the District. A summary of water supply and water treatment demands and capacity from the 2010 IWMP is presented in Table 2-1 of the Draft IS/MND.

1.3 SUMMARY DESCRIPTION OF THE PROPOSED PROJECT AND OBJECTIVES

The main objective of the project is to ensure that the District maintains an adequate water supply for approved and future planned development in the District's service area. Therefore, the District is proposing to expand and make improvements at their existing WTP facility due to aging equipment and processes and to address future regulatory requirements. Once the proposed project is completed, the firm rated capacity of Plant 1 would be approximately 3.5 mgd. Ultimately, Plant 1 would be expanded to provide a firm rated capacity of up to 6.0 mgd and Plant 2 could be used for backup purposes. Specific improvements at the WTP facility that would be constructed as part of the project are described in detail below.

In order to increase raw water flow to Plant 1 to planned levels, approximately 400 feet of 24- inch diameter raw water pipeline would be constructed, which would start at an existing connection to the Chesbro Dam outlet pipe located in a vault on the southeast corner of the property near the Clementia Reservoir and extend north and west to the opposite side of the property to Plant 1. The majority of the pipeline would be buried underground and would pass through existing asphalt paved maintenance areas (approximately 365 feet). At one point the pipeline rises above ground to make an aerial crossing over the top of an existing drainage ditch near an existing box culvert (approximately 35 feet would be above ground). The ditch conveys natural, open space drainage into Clementia Reservoir.

The expansion would decommission and upgrade the existing 1.5 mgd capacity facilities of Plant 1, due to age and to anticipated future surface water regulatory compliance directives from regulators. The existing Plant 1 concrete sedimentation basin would be converted to hold a submerged membrane filtration system and associated equipment such as pumps, piping, and valves. Inside the existing Plant 1 filter building, an elevated concrete floor slab would be added to cover the existing filter basin and the floor area would be used for other ancillary equipment for the membrane system.

The existing solids/residuals handling system would accommodate the expanded plant capacity. Another 1,600 square feet of drying bed capacity would be added to augment the existing 8,000 square feet area. This additional 2,000 square feet of drying bed would be located southwest of the plant in a disturbed area currently maintained by the District.

The existing chlorination systems for both Plant 1 and Plant 2 would be modified by adding more chlorine gas storage, installing new chlorinators, constructing a new chlorinator room (inside an existing building), and adding an emergency shut-off system. In addition, more volume would be added to the existing Plant 1 chlorine contact basin by converting the existing Plant 1 filter basin.

The plant electrical power system would be modified to accommodate increased power loads and would include a new 800 kilowatt (kW) standby diesel generator capable of supplying enough power to operate both the expanded Plant 1 and Plant 2 in case of power failure. The generator would be fit with residential duty mufflers and a sound attenuating enclosure to dampen and control noise levels. It would also comply with current State and local air quality regulations.

For the proposed project, the existing Plant 1 would be retrofitted and renovated to accommodate a new submerged membrane treatment system. The goals of refitting Plant 1 are to:

- a) improve water quality by replacing the existing outdated filter system with a new submerged membrane treatment system;
- b) maintain adequate water treatment and supply sufficient for the existing community water demands; and,

- c) increase the flow rate and treatment capacity of the existing water treatment facility in order to accommodate future planned and approved community development and growth.

A 2-inch diameter PVC sewer force main would be constructed within an existing easement parallel to an existing 16-inch diameter water main. The new sewer force main would convey neutralized waste from treatment plant operations and septic tank effluent generated at the WTP to an existing manhole in the District's sanitary sewer system located on Clementia Circle. The force main would maintain a minimum of 30-inch cover and would be horizontally and vertically separated from the water main per California Department of Public Health regulations. The ground surface above the sewer force main would be restored to its preconstruction condition after installation of the new force main.

The aforementioned improvements would be located within the WTP property and within existing Plant 1 buildings and concrete basins. Figure 2-2 of the Draft IS/MND shows the proposed project area. Figure 2-3 of the Draft IS/MND shows the proposed improvements at the WTP.

1.4 TIMELINE FOR PROJECT IMPLEMENTATION

A construction period of approximately 16 months is planned for the project, beginning in February 2014 and ending in May 2015. If funding becomes available for temporary filtration facilities during summer 2014 construction, the project schedule could be compressed to 12 months.

Estimated work hours would be from 7:30 am to 4:00 pm, Monday through Friday and would conform to local Homeowner's Association construction activity rules.

2 COMMENTS AND RESPONSES TO COMMENTS ON THE DRAFT IS/MND

2.0 COMMENTS AND RESPONSES TO COMMENTS ON THE DRAFT IS/MND

The District received two comment letters on the Draft IS/MND during the public comment period. The following table lists the commenters and the dates of the letters.

The comment letters received on the Draft IS/MND, and the responses to the significant environmental issues raised, follow the table. Also included at the end of this chapter is a letter from the State Clearinghouse. The letter acknowledges that the District has complied with the State Clearinghouse draft environmental document review requirements, and indicates that two state agencies (same as commenting agencies) submitted comments through the State Clearinghouse by the close of the comment period on February 10, 2014. Both comment letters received are addressed in this Final IS/MND.

List of Commenters/Letters	
Commenter	Date of Letter
Central Valley Regional Water Quality Control Board (CVRWQCB)	January 31, 2014
California Department of Transportation (Caltrans)	February 7, 2014

2 COMMENTS AND RESPONSES TO COMMENTS ON THE DRAFT IS/MND

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Comment Letter from the Central Valley Regional Water Quality Control Board



Central Valley Regional Water Quality Control Board



RECEIVED
FEB 03 2014

Rancho Murieta
Community Services District

31 January 2014

Edward R. Crouse
Rancho Murieta Community Services District
PO BOX 1050
Rancho Murieta, CA 95683

CERTIFIED MAIL
7013 1710 0002 3644 0632

COMMENTS TO REQUEST FOR REVIEW FOR THE MITIGATED NEGATIVE DECLARATION, WATER TREATMENT PLANT EXPANSION PROJECT, SCH NO. 2014012016, SACRAMENTO COUNTY

Pursuant to the State Clearinghouse's 9 January 2014 request, the Central Valley Regional Water Quality Control Board (Central Valley Water Board) has reviewed the *Request for Review for the Mitigated Negative Declaration* for the Water Treatment Plant Expansion Project, located in Sacramento County.

Our agency is delegated with the responsibility of protecting the quality of surface and groundwaters of the state; therefore our comments will address concerns surrounding those issues.

Construction Storm Water General Permit

Dischargers whose project disturb one or more acres of soil or where projects disturb less than one acre but are part of a larger common plan of development that in total disturbs one or more acres, are required to obtain coverage under the General Permit for Storm Water Discharges Associated with Construction Activities (Construction General Permit), Construction General Permit Order No. 2009-009-DWQ. Construction activity subject to this permit includes clearing, grading, grubbing, disturbances to the ground, such as stockpiling, or excavation, but does not include regular maintenance activities performed to restore the original line, grade, or capacity of the facility. The Construction General Permit requires the development and implementation of a Storm Water Pollution Prevention Plan (SWPPP).

For more information on the Construction General Permit, visit the State Water Resources Control Board website at:
http://www.waterboards.ca.gov/water_issues/programs/stormwater/constpermits.shtml.



Phase I and II Municipal Separate Storm Sewer System (MS4) Permits¹

The Phase I and II MS4 permits require the Permittees reduce pollutants and runoff flows from new development and redevelopment using Best Management Practices (BMPs) to the maximum extent practicable (MEP). MS4 Permittees have their own development standards, also known as Low Impact Development (LID)/post-construction standards that include a hydromodification component. The MS4 permits also require specific design concepts for LID/post-construction BMPs in the early stages of a project during the entitlement and CEQA process and the development plan review process.

For more information on which Phase I MS4 Permit this project applies to, visit the Central Valley Water Board website at:

http://www.waterboards.ca.gov/centralvalley/water_issues/storm_water/municipal_permits/.

For more information on the Phase II MS4 permit and who it applies to, visit the State Water Resources Control Board at:

http://www.waterboards.ca.gov/water_issues/programs/stormwater/phase_ii_municipal.shtml

Industrial Storm Water General Permit

Storm water discharges associated with industrial sites must comply with the regulations contained in the Industrial Storm Water General Permit Order No. 97-03-DWQ.

For more information on the Industrial Storm Water General Permit, visit the Central Valley Water Board website at:

http://www.waterboards.ca.gov/centralvalley/water_issues/storm_water/industrial_general_permits/index.shtml.

Clean Water Act Section 404 Permit

If the project will involve the discharge of dredged or fill material in navigable waters or wetlands, a permit pursuant to Section 404 of the Clean Water Act may be needed from the United States Army Corps of Engineers (USACOE). If a Section 404 permit is required by the USACOE, the Central Valley Water Board will review the permit application to ensure that discharge will not violate water quality standards. If the project requires surface water drainage realignment, the applicant is advised to contact the Department of Fish and Game for information on Streambed Alteration Permit requirements.

If you have any questions regarding the Clean Water Act Section 404 permits, please contact the Regulatory Division of the Sacramento District of USACOE at (916) 557-5250.

¹ Municipal Permits = The Phase I Municipal Separate Storm Water System (MS4) Permit covers medium sized Municipalities (serving between 100,000 and 250,000 people) and large sized municipalities (serving over 250,000 people). The Phase II MS4 provides coverage for small municipalities, including non-traditional Small MS4s, which include military bases, public campuses, prisons and hospitals.

Clean Water Act Section 401 Permit – Water Quality Certification

If an USACOE permit, or any other federal permit, is required for this project due to the disturbance of waters of the United States (such as streams and wetlands), then a Water Quality Certification must be obtained from the Central Valley Water Board prior to initiation of project activities. There are no waivers for 401 Water Quality Certifications.

Waste Discharge Requirements

If USACOE determines that only non-jurisdictional waters of the State (i.e., “non-federal” waters of the State) are present in the proposed project area, the proposed project will require a Waste Discharge Requirement (WDR) permit to be issued by Central Valley Water Board. Under the California Porter-Cologne Water Quality Control Act, discharges to all waters of the State, including all wetlands and other waters of the State including, but not limited to, isolated wetlands, are subject to State regulation.

For more information on the Water Quality Certification and WDR processes, visit the Central Valley Water Board website at:

http://www.waterboards.ca.gov/centralvalley/help/business_help/permit2.shtml.

Low or Limited Threat General NPDES Permit

If the proposed project includes construction dewatering and it is necessary to discharge the groundwater to waters of the United States, the proposed project will require coverage under a National Pollutant Discharge Elimination System (NPDES) permit. Dewatering discharges are typically considered a low or limited threat to water quality and may be covered under the General Order for *Dewatering and Other Low Threat Discharges to Surface Waters* (Low Threat General Order) or the General Order for *Limited Threat Discharges of Treated/Untreated Groundwater from Cleanup Sites, Wastewater from Superchlorination Projects, and Other Limited Threat Wastewaters to Surface Water* (Limited Threat General Order). A complete application must be submitted to the Central Valley Water Board to obtain coverage under these General NPDES permits.

For more information regarding the Low Threat General Order and the application process, visit the Central Valley Water Board website at:

http://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/general_orders/r5-2013-0074.pdf

For more information regarding the Limited Threat General Order and the application process, visit the Central Valley Water Board website at:

http://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/general_orders/r5-2013-0073.pdf

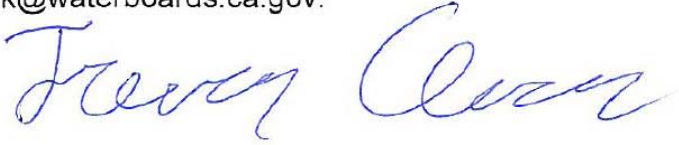
2 COMMENTS AND RESPONSES TO COMMENTS ON THE DRAFT IS/MND

Water Treatment Plant Expansion Project
Sacramento County

- 4 -

31 January 2014

If you have questions regarding these comments, please contact me at (916) 464-4684 or tcleak@waterboards.ca.gov.



Trevor Cleak
Environmental Scientist

cc: State Clearinghouse Unit, Governor's Office of Planning and Research, Sacramento

2 COMMENTS AND RESPONSES TO COMMENTS ON THE DRAFT IS/MND

Response to Comment Letter from Central Valley Regional Water Quality Control Board

Thank you for your comment letter on the proposed project. The project will require a Construction Storm Water General Permit since the project will in fact disturb over one acre of land. This permit has been added to the list of project permits and approvals needed on page 2-11 of the Draft IS/MND (see Section 3 of this Final IS/MND). The District will coordinate with the Central Valley Regional Water Quality Control Board to process and obtain the Construction Storm Water General Permit.

2 COMMENTS AND RESPONSES TO COMMENTS ON THE DRAFT IS/MND

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Comment Letter from California Department of Transportation (Caltrans)

STATE OF CALIFORNIA—CALIFORNIA STATE TRANSPORTATION AGENCY

EDMUND G. BROWN Jr., Governor

DEPARTMENT OF TRANSPORTATION

DISTRICT 3 – SACRAMENTO AREA OFFICE
2379 GATEWAY OAKS DRIVE, SUITE 150
SACRAMENTO, CA 95833
PHONE (916) 274-0635
FAX (916) 263-1796
TTY 711



*Flex your power!
Be energy efficient!*

February 7, 2014

032014-SAC-0003
03-SAC-16-PM20.466
SCH# 2014012016

Edward R. Crouse, General Manager
Rancho Murieta Community Services District (RMCS D)
PO Box 1050
Rancho Murieta, CA 95683

RMCS D Water Treatment Plant Expansion—Draft Initial Study (IS)/Mitigated Negative Declaration (MND)

Dear Mr. Crouse:

Thank you for including the California Department of Transportation (Caltrans) in the review and comment process for the RMCS D Water Treatment Plant Expansion—Draft IS/MND (Project). The proposed project will expand and make improvements to the two operational plants that comprise the Water Treatment Plant. The proposed project is located in the community of Rancho Murieta, in eastern Sacramento County approximately 20 miles east of Sacramento. It is situated east of Chesbro Reservoir and the developed portion of the Rancho Murieta community and golf course, and directly north of Clementia Reservoir. The project is located within a two-mile radius of State Route (SR) 16, which is a two-lane conventional highway. Our comments are as follows:

Transportation Permit

Project work that requires movement of oversized or excessive load vehicles on State roadways requires a transportation permit that is issued by Caltrans. To apply for a permit, a completed application with the determined specific route(s) for the shipper to follow from origin to destination must be submitted to:

Caltrans Transportation Permits Office
1823 14th Street
Sacramento, CA 95811-7119

In addition, we recommend that truck and heavy equipment traffic be avoided on the State Highway System, including SR 16, during commute hours (Monday-Friday 7:00 a.m. to 9:00 a.m., and 4:00 p.m. to 6:00 p.m.).

"Caltrans improves mobility across California"

Mr. Edward R. Crouse/RMCSD
February 7, 2014
Page 2

If you have any questions regarding these comments or require additional information, please contact Melody L. Friberg, Intergovernmental Review Coordinator, at (916) 263-1625 or by email at: melody.friberg@dot.ca.gov.

Sincerely,



TRACEY FROST, Interim Chief
Office of Transportation Planning – South

c: Scott Morgan, State Clearinghouse

"Caltrans improves mobility across California"

2 COMMENTS AND RESPONSES TO COMMENTS ON THE DRAFT IS/MND

Response to Comment Letter from the California Department of Transportation (Caltrans)

Thank you for your comment letter on the proposed project. The proposed project is not anticipated to require movement of oversized or excessive road vehicles on SR 16. If this condition changes, the District will coordinate with Caltrans and will apply for the Caltrans Transportation Permit through the Caltrans Transportation Permits Office.

2 COMMENTS AND RESPONSES TO COMMENTS ON THE DRAFT IS/MND

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Letter from State Clearinghouse



Edmund G. Brown Jr.
Governor

STATE OF CALIFORNIA
Governor's Office of Planning and Research
State Clearinghouse and Planning Unit



Ken Alex
Director

February 10, 2014

Edward R. Crouse
Rancho Murieta Community Services District
P.O. Box 1050
Rancho Murieta, CA 95683

Subject: Water Treatment Plant Expansion Project
SCH#: 2014012016

Dear Edward R. Crouse:

The State Clearinghouse submitted the above named Mitigated Negative Declaration to selected state agencies for review. On the enclosed Document Details Report please note that the Clearinghouse has listed the state agencies that reviewed your document. The review period closed on February 7, 2014, and the comments from the responding agency (ies) is (are) enclosed. If this comment package is not in order, please notify the State Clearinghouse immediately. Please refer to the project's ten-digit State Clearinghouse number in future correspondence so that we may respond promptly.

Please note that Section 21104(c) of the California Public Resources Code states that:

"A responsible or other public agency shall only make substantive comments regarding those activities involved in a project which are within an area of expertise of the agency or which are required to be carried out or approved by the agency. Those comments shall be supported by specific documentation."

These comments are forwarded for use in preparing your final environmental document. Should you need more information or clarification of the enclosed comments, we recommend that you contact the commenting agency directly.

This letter acknowledges that you have complied with the State Clearinghouse review requirements for draft environmental documents, pursuant to the California Environmental Quality Act. Please contact the State Clearinghouse at (916) 445-0613 if you have any questions regarding the environmental review process.

Sincerely,

Scott Morgan
Director, State Clearinghouse

Enclosures
cc: Resources Agency

1400 TENTH STREET P.O. BOX 3044 SACRAMENTO, CALIFORNIA 95812-3044
TEL (916) 445-0613 FAX (916) 323-3018 www.opr.ca.gov

2 COMMENTS AND RESPONSES TO COMMENTS ON THE DRAFT IS/MND

Document Details Report State Clearinghouse Data Base

SCH# 2014012016
Project Title Water Treatment Plant Expansion Project
Lead Agency Rancho Murieta Community Services District

Type MND Mitigated Negative Declaration
Description The main objective of the project is to ensure that the RMCS D maintains an adequate water supply for approved and future planned development in the RMCS D's service area. Therefore, the RMCS D is proposing to expand and make improvements at their existing WTP facility (Plants 1 and 2) due to aging equipment and processes and to address future regulatory requirements. Once the proposed project is completed, the firm rated capacity of Plant 1 at the WTP would be approximately 3.5 mgd. Ultimately, Plant 1 would be expanded to provide a firm rated capacity of up to 6.0 mgd and Plant 2 at the WTP could be used for backup purposes.

Lead Agency Contact

Name Edward R. Crouse
Agency Rancho Murieta Community Services District
Phone 916 354 3700 **Fax**
email
Address P.O. Box 1050
City Rancho Murieta **State** CA **Zip** 95683

Project Location

County Sacramento
City Rancho Murieta
Region
Lat / Long 38° 30' 40.2" N / 121° 4' 18.8" W
Cross Streets project area lies between the end of Clementia Cir. and the Water Treatment Plant
Parcel No. various
Township **Range** **Section** **Base**

Proximity to:

Highways SR 16
Airports
Railways
Waterways Chesbro and Clementia Reservoirs
Schools
Land Use Rancho Murieta PUD - Sacramento County designations: land use-low Density Residential; zoning - Interim Agricultural (A2)

Project Issues Aesthetic/Visual; Agricultural Land; Air Quality; Archaeologic-Historic; Biological Resources; Drainage/Absorption; Flood Plain/Flooding; Forest Land/Fire Hazard; Geologic/Seismic; Minerals; Noise; Population/Housing Balance; Public Services; Recreation/Parks; Schools/Universities; Sewer Capacity; Soil Erosion/Compaction/Grading; Solid Waste; Toxic/Hazardous; Traffic/Circulation; Vegetation; Water Quality; Water Supply; Wetland/Riparian; Growth Inducing; Landuse; Cumulative Effects

Reviewing Agencies Resources Agency; Department of Fish and Wildlife, Region 2; Department of Parks and Recreation; Department of Water Resources; California Highway Patrol; Caltrans, District 3 S; Air Resources Board; State Water Resources Control Board, Division of Financial Assistance; Regional Water Quality Control Bd., Region 5 (Sacramento); Native American Heritage Commission

Date Received 01/09/2014 **Start of Review** 01/09/2014 **End of Review** 02/07/2014

3.0 CORRECTIONS AND UPDATES TO THE DRAFT IS/MND

This chapter lists editorial text corrections to the Draft IS/MND. The listed changes are being made in response to comments on the Draft IS/MND. These changes do not alter any of the analysis or conclusions presented in the Draft IS/MND. Text deletions are shown with ~~strike through~~, and additions are shown with double underline.

3.1 EDITORIAL CORRECTIONS AND UPDATES

The following are editorial corrections and updates to the text since the Draft IS/MND was published. Figures that were included in the Draft IS/MND are not reprinted in this Final IS/MND unless they have been revised or added.

2.3 PROJECT OBJECTIVE AND DETAILS

The main objective of the project is to ensure that the District maintains an adequate water supply for approved and future planned development in the District's service area. Therefore, the District is proposing to expand and make improvements at their existing WTP facility due to aging equipment and processes and to address future regulatory requirements. Once the proposed project is completed, the firm rated capacity of Plant 1 would be approximately 3.5 mgd. Ultimately, Plant 1 would be expanded to provide a firm rated capacity of up to 6.0 mgd and Plant 2 could be used for backup purposes. Specific improvements at the WTP facility that would be constructed as part of the project are described in detail below.

In order to increase raw water flow to Plant 1 to planned levels, approximately 400 feet of 24-inch diameter raw water pipeline would be constructed, which would start at an existing connection to the Chesbro Dam outlet pipe located in a vault on the southeast corner of the property near the Clementia Reservoir and extend north and west to the opposite side of the property to Plant 1. The majority of the pipeline would be buried underground and would pass through existing asphalt paved maintenance areas (approximately 365 feet). At one point the pipeline rises above ground to make an aerial crossing over the top of an existing drainage ditch near an existing box culvert (approximately 35 feet would be above ground). The ditch conveys natural, open space drainage into Clementia Reservoir.

The expansion would decommission and upgrade the existing 1.5 mgd capacity facilities of Plant 1, due to age and to anticipated future surface water regulatory compliance directives from regulators. The existing Plant 1 concrete sedimentation basin would be converted to hold a submerged membrane filtration system and associated equipment such as pumps, piping, and valves. Inside the existing Plant 1 filter building, an elevated concrete floor slab would be added to cover the existing filter basin and the floor area would be used for other ancillary equipment for the membrane system.

The existing solids/residuals handling system would accommodate the expanded plant capacity. Another 1,600 square feet of drying bed capacity would be added to augment the existing 8,000 square feet area. This additional 2,000 square feet of drying bed would be located southwest of the plant in a disturbed area currently maintained by the District.

The existing chlorination systems for both Plant 1 and Plant 2 would be modified by adding more chlorine gas storage, installing new chlorinators, constructing a new chlorinator room (inside an existing building), and adding an emergency shut-off system. In addition, more volume would be added to the existing Plant 1 chlorine contact basin by converting the existing Plant 1 filter basin.

The plant electrical power system would be modified to accommodate increased power loads and would include a new 800 kilowatt (kW) standby diesel generator capable of supplying enough power to operate both the expanded Plant 1 and Plant 2 in case of power failure. The generator would be fit with

3 CORRECTIONS AND UPDATES TO THE DRAFT IS/MND

residential duty mufflers and a sound attenuating enclosure to dampen and control noise levels. It would also comply with current State and local air quality regulations.

For the proposed project, the existing Plant 1 would be retrofitted and renovated to accommodate a new submerged membrane treatment system. The goals of refitting Plant 1 are to:

- a) improve water quality by replacing the existing outdated filter system with a new submerged membrane treatment system;
- b) maintain adequate water treatment and supply sufficient for the existing community water demands; and,
- c) increase the flow rate and treatment capacity of the existing water treatment facility in order to accommodate future planned and approved community development and growth.

A 2-inch diameter PVC sewer force main would be constructed within an existing easement parallel to an existing 16-inch diameter water main. The new sewer force main would convey neutralized waste from treatment plant operations and septic tank effluent generated at the WTP to an existing manhole in the District's sanitary sewer system located on Clementia Circle. The force main would maintain a minimum of 30-inch cover and would be horizontally and vertically separated from the water main per California Department of Public Health regulations. The ground surface above the sewer force main would be restored to its preconstruction condition after installation of the new force main.

The aforementioned improvements would be located within the WTP property and within existing Plant 1 buildings and concrete basins. **Figure 2-2** shows the proposed project area. **Figure 2-3** shows the proposed improvements at the WTP.

After completing the project, the maximum daily capacity for Plant 1 would be increased from its current 1.5 mgd capacity to 3.5 mgd. Including the existing 2.0 mgd capacity of Plant 2, the combined capacity for the two plants would be increased to 5.5 mgd. However, ultimately Plant 1 would be further expanded to provide a firm rated capacity up to 6.0 mgd and Plant 2 could be used for backup purposes. All piping and the chlorine contact basin would be sized appropriately to accommodate the ultimate buildout of the WTP facility.

The District currently serves a total of 2,502 residential and 102 nonresidential connections, which represents 2,269 equivalent dwelling units (EDU; one EDU equals 750 gallons per day). The Rancho Murieta Community Planned Unit Development currently allows for 5,968 EDUs, although build out would be limited to roughly 44,400 residential units through a mutual agreement with the landowner/developer and the local home owners association. The combined treatment capacity of Plants 1 and 2 at the WTP facility has been designed to meet projected buildout conditions in the District's service area as referenced above in Table 2-1. The project would provide sufficient capacity for the Community's forecasted, planned, and approved development and would not exceed the current allowance of 5,968 EDUs. Therefore, the project is not growth inducing, but rather is growth accommodating for that which has already been planned for and approved in the Sacramento County General Plan and the Rancho Murieta Planned Unit Development. The District has incorporated the following measures into the proposed project to avoid and minimize erosion and water quality issues during construction:

- The total disturbance area for the project, including temporary disturbance areas, is ~~less than~~ over one acre, therefore, the project does ~~not~~ need to obtain coverage under the National Pollutant Discharge Elimination System (NPDES) General Construction Permit, and a Storm Water Pollution Prevention Plan (SWPPP) would ~~not~~ need to be prepared. ~~However,~~ Best Management Practices (BMPs), and erosion and sedimentation controls would be used where appropriate to

3 CORRECTIONS AND UPDATES TO THE DRAFT IS/MND

minimize any potential impacts to water quality. Temporary erosion control measures would be implemented during construction activities to minimize stormwater pollution resulting from erosion and sediment migration from the construction or staging area. These temporary measures may include minimizing the extent of construction staging areas to reduce the amount of land disturbed at any one time.

- To prevent accidental spills, the District's Construction Manager shall provide secondary containment around fueling and chemical storage areas and shall implement spill prevention measures to address the accidental or inadvertent release of oil, grease, or fuel into adjacent waterways.

2.4 PERMITS AND APPROVALS NEEDED

The following permits, approvals, and reviews would be required for project construction:

Agency	Permit/ Approval/ Review
State	
California Department of Fish and Wildlife	Section 1602 of the California Department of Fish and Game Code - Streambed Alteration Agreement
<u>Central Valley Regional Water Quality Control Board</u>	<u>National Pollutant Discharge Elimination System (NPDES) - General Construction Stormwater Permit</u>
Local	
Sacramento Metropolitan Air Quality Management District	Consultation for an Authority to Construct Permit

Sacramento County Code 19.12.060 states "no person shall trench, grade or fill within the dripline of any tree or destroy, kill or remove any tree as defined, in the designated urban area of the unincorporated area of Sacramento County, on any property, public or private, without a tree permit, or unless authorized as a condition of a discretionary project approval by the Board of Supervisors, County Planning Commission, Zoning Board of Appeals, the Zoning Administrator or the Subdivision Review Committee (SCC 1400 § 23, 2008; SCC 480 § 1, 1981.)." The project is located in unincorporated Sacramento County, outside of the designated urban area and therefore, does not require a Sacramento County tree removal permit. However, the project incorporates mitigation for each oak tree lost through payment of in-lieu fees (to the Rancho Murieta Association), site plantings, or a combination of both options.

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4.0 LIST OF PREPARERS

The Draft IS/MND and Final IS/MND for the project were prepared by HDR inc. in cooperation with the District. The following individuals contributed to this Final IS/MND:

- ▶ Linda Fisher, M.S., Environmental Task Lead
- ▶ Brittany Sheffield, Environmental Planner
- ▶ Richard Stratton, P.E., Principal in Charge
- ▶ Mason Beck, P.E., Project Engineer
- ▶ Dawn LoBaugh, M.S., Quality Assurance/Quality Control
- ▶ Caitlin Nielsen, Document Production

Mitigation Monitoring and Reporting Program

Water Treatment Expansion Project



State Clearinghouse # 2014012016

Rancho Murieta Community Services District

February 2014

HDR

2365 Iron Point Road, Suite 300
Folsom, CA 95630

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MITIGATION MONITORING AND REPORTING PROGRAM

1.0 INTRODUCTION

Section 21081.6(a)(1) of the California Environmental Quality Act (CEQA) of the Public Resources Code, requires public agencies, as part of the certification of a Mitigated Negative Declaration (MND), to prepare and approve a reporting or monitoring program. This program should be structured to ensure that changes to the project that the lead agency has adopted to mitigate or avoid significant environmental impacts are carried out during project implementation.

The Mitigation Monitoring and Reporting Program (MMRP) is intended to be used by Rancho Murieta Community Services District (District) staff, responsible and participating agencies, and mitigation monitoring personnel during implementation of the project. The intent of the MMRP is to ensure the effective implementation and enforcement of adopted mitigation measures. The MMRP consists of a compliance checklist that identifies the adopted mitigation measures, the timing of implementation of the measures, the monitoring frequency of the measures, the entity responsible for their implementation and monitoring, and the performance criteria used to evaluate implementation of the mitigation measures. The mitigation measures presented in the table on the following pages are incorporated into the proposed project.

The project also includes several commitments that must be carried through as a condition of project approval. These project commitments include permits, approvals, reviews, and avoidance and minimization measures. These project commitments are not considered mitigation and are not adopted as part of the MMRP but are included here in this document to compile all of the commitments of the project together for the construction package. The following permits, approvals, and reviews would be required for project construction and are project commitments:

Agency	Permit/ Approval/ Review
State	
California Department of Fish and Wildlife	Section 1602 of the California Department of Fish and Game Code - Streambed Alteration Agreement
Central Valley Regional Water Quality Control Board	National Pollutant Discharge Elimination System (NPDES) - General Construction Stormwater Permit
Local	
Sacramento Metropolitan Air Quality Management District	Consultation for an Authority to Construct Permit

Sacramento County Code 19.12.060 states "no person shall trench, grade or fill within the dripline of any tree or destroy, kill or remove any tree as defined, in the designated urban area of the unincorporated area of Sacramento County, on any property, public or private, without a tree permit, or unless authorized as a condition of a discretionary project approval by the Board of Supervisors, County Planning Commission, Zoning Board of Appeals, the Zoning Administrator or the Subdivision Review Committee (SCC 1400 § 23, 2008; SCC 480 § 1, 1981.)." The project is located in unincorporated Sacramento County, outside of the designated urban area and therefore, does not require a Sacramento County tree removal permit. However, the project incorporates, as a project commitment mitigation for each oak tree lost through payment of in-lieu fees (to the Rancho Murieta Association), site plantings, or a combination of both options.

In addition, the District has incorporated the following measures into the proposed project to avoid and minimize erosion and water quality issues during construction:

- The total disturbance area for the project, including temporary disturbance areas, is over one acre, therefore, the project does need to obtain coverage under the National Pollutant Discharge Elimination System General Construction Permit, and a Storm Water Pollution Prevention Plan would need to be prepared. Best Management Practices (BMPs), and erosion and sedimentation controls would be used where appropriate to minimize any potential impacts to water quality. Temporary erosion control measures would be implemented during construction activities to minimize stormwater pollution resulting from erosion and sediment migration from the construction or staging area. These temporary measures may include minimizing the extent of construction staging areas to reduce the amount of land disturbed at any one time.
- During construction, the project limits would be clearly demarcated and fenced with erosion control fencing at the edges of construction and where construction activities are upslope of aquatic habitats to prevent washing of sediments into these features. All fencing would be installed prior to any construction activities commencing and would be maintained throughout the construction period. In addition, stockpiling of construction materials, portable equipment, vehicles, and supplies would be restricted to the designated construction staging area. To eliminate an attraction to wildlife predators, all food-related trash items, such as wrappers, cans, bottles, and food scraps, would be disposed of in closed containers. All areas temporarily disturbed during construction would be restored to pre-project conditions to the extent feasible.
- To prevent accidental spills, the District's Construction Manager shall provide secondary containment around fueling and chemical storage areas and shall implement spill prevention measures to address the accidental or inadvertent release of oil, grease, or fuel into adjacent waterways.

Mitigation Monitoring and Reporting Program for the Water Treatment Plant Expansion Project

Mitigation Measure	Initiation of Mitigation	Monitoring Frequency	Responsibility for Verification of Compliance	Performance Criteria	Date Compliance Completed
3.4 Biological Resources					
<p>Mitigation Measure BIO-1. Preconstruction Surveys for Swainson’s Hawk and Establishment of Buffers, if Necessary.</p> <p>In winter/spring of the year that construction is scheduled to commence, Swainson’s hawk nesting surveys shall be conducted by a qualified biologist within the project area and accessible areas outside the project area within 0.25 miles of proposed construction activities according to the Recommended Timing and Methodology for Swainson’s Hawk Nesting Surveys in California’s Central Valley (Swainson’s Hawk Technical Advisory Committee, May 31, 2001). A report shall be submitted to CDFW prior to construction reporting the results of the preconstruction surveys.</p> <p>If no active Swainson’s hawk nests are identified in or within 0.25 miles of proposed construction activities, then no further mitigation for nesting Swainson’s hawks is necessary. If an active Swainson’s hawk nest(s) is identified within 0.25 miles of proposed construction activities, impacts to active nests shall be avoided by establishment and maintenance of buffers around the nests. The appropriate size and shape of the buffers shall be determined by a qualified biologist in conjunction with CDFW and may vary,</p>	Prior to construction	Throughout the construction period	District and/or District’s representative and primary construction contractor	Surveys and monitoring are conducted in accordance with CDFW requirements	

Mitigation Monitoring and Reporting Program for the Water Treatment Plant Expansion Project

Mitigation Measure	Initiation of Mitigation	Monitoring Frequency	Responsibility for Verification of Compliance	Performance Criteria	Date Compliance Completed
<p>depending on the nest location, nest stage, and construction activity. Typical buffers for Swainson’s hawk are 0.25 miles. Monitoring shall be conducted to confirm appropriate buffer has been established and project activity is not resulting in detectable adverse effects to active nests. No project activity shall commence within the buffer area until the biologist confirms that the nest is no longer active. A post-construction report shall be submitted to CDFW documenting the results of Swainson’s hawk nest monitoring within 30 days of completion of construction activities.</p>					
<p>Mitigation Measure BIO-2. Preconstruction Surveys for Other Raptors and Migratory Birds. If construction begins during the typical avian breeding season (February 15 to September 15), pre-construction surveys shall be conducted by a qualified biologist within two weeks prior to commencement of construction to determine presence/absence of raptor and migratory bird nests within the project area. Surveys shall be conducted in the project area and in accessible areas outside of the project area that fall within 500 feet of construction activities. A report shall be submitted to CDFW prior to construction reporting the results of the preconstruction surveys. If no nests are found during the survey, no further mitigation shall be necessary. If active nests are found, impacts shall be avoided by establishment and maintenance of buffers around the nests. The</p>	<p>Prior to construction</p>	<p>Throughout the construction period</p>	<p>District and/or District’s representative and primary construction contractor</p>	<p>Surveys and monitoring are conducted in accordance with CDFW requirements</p>	

Mitigation Monitoring and Reporting Program for the Water Treatment Plant Expansion Project

Mitigation Measure	Initiation of Mitigation	Monitoring Frequency	Responsibility for Verification of Compliance	Performance Criteria	Date Compliance Completed
<p>appropriate size and shape of the buffers shall be determined by a qualified biologist in conjunction with CDFW and may vary, depending on the nest location, nest stage, and construction activity. Typical buffers for raptors and migratory birds are 500 feet. Monitoring shall be conducted to confirm appropriate buffer has been established and project activity is not resulting in detectable adverse effects to active nests. No project activity shall commence within the buffer area until the biologist confirms that the nest is no longer active.</p>					
<p>3.5 Cultural Resources</p>					
<p>Mitigation Measure CR-1. Protection of Prehistoric or Historic Subsurface Cultural Resources. In the event that any prehistoric or historic subsurface cultural resources including unusual amounts or fragments of bone are discovered during construction-related grading activities, all work within 50 feet of the resource shall be halted and the District shall consult with a qualified archaeologist or paleontologist to assess the significance of the find. If any resources found on the site are determined to be significant, the District and the consulting archaeologist shall determine the appropriate course of action per the Secretary of Interior’s standards as prescribed in CEQA Guidelines Section 15064.5(b)(3). A report shall be</p>	<p>If prehistoric or historic subsurface cultural resources are discovered during ground-disturbing activities</p>	<p>Throughout the construction period</p>	<p>District and/or District’s representative and primary construction contractor</p>	<p>Finds of undocumented cultural resources are reported and protected until evaluated by a qualified cultural resources specialist</p> <p>Recommendations of qualified cultural resources specialist are implemented</p>	

Mitigation Monitoring and Reporting Program for the Water Treatment Plant Expansion Project

Mitigation Measure	Initiation of Mitigation	Monitoring Frequency	Responsibility for Verification of Compliance	Performance Criteria	Date Compliance Completed
<p>prepared by a qualified archaeologist and filed with the Office of Historic Preservation and/or the North Central Information Center on the appropriate forms documenting the significance of all significant cultural resources found at the site. This mitigation measure shall be noted on all construction plans and specifications prepared for the proposed project.</p>					
<p>Mitigation Measure CR-2. Protection of Human Remains In accordance with the California Health and Safety Code (CHSC), Section 7050.5, and the PRC 5097.98, regarding the discovery of human remains, if any such finds are encountered during construction of the proposed project, all work within the vicinity of the find shall cease immediately and a 50 foot-wide buffer surrounding the discovery shall be established around it. The District, or its agent, shall be immediately notified. The County coroner shall be contacted immediately to examine and evaluate the find. If the coroner determines that the remains are not recent and are of Native American descent, the coroner shall contact the Native American Heritage Commission (NAHC) in accordance with CHSC Section 7050.5, and PRC 5097.98. The District shall work with the most likely descendent, as determined by the NAHC, on an appropriate means of treating the remains. All project personnel should be instructed that</p>	<p>If human remains are discovered during ground-disturbing activities</p>	<p>Throughout the construction period</p>	<p>District and/or District's representative and primary construction contractor</p>	<p>Finds of potential human remains are reported and protected until evaluated by appropriate individuals</p> <p>Remains are treated in accordance with direction received from the county coroner and from the NAHC and Native American representatives as appropriate</p>	

Mitigation Monitoring and Reporting Program for the Water Treatment Plant Expansion Project					
Mitigation Measure	Initiation of Mitigation	Monitoring Frequency	Responsibility for Verification of Compliance	Performance Criteria	Date Compliance Completed
any human remains encountered should always be treated with sensitivity and respect, and their discovery and location kept confidential. Construction personnel should be briefed prior to construction activities regarding procedures to follow in the event buried human remains are encountered.					

Acronyms:

CDFW California Department of Fish and Wildlife

CEQA California Environmental Quality Act

CHSC California Health and Safety Code

NAHC Native American Heritage Commission

MEMORANDUM

Date: February 12, 2014
To: Board of Directors
From: Finance Committee Staff
Subject: Adopt Resolution 2014-03, Declaring the Official Intent to Reimburse Expenditures from the Proceeds of Tax Exempt Securities

RECOMMENDED ACTION

Adopt Resolution 2014-03, a Resolution declaring the official intent to reimburse expenditures from the proceeds of tax exempt securities.

BACKGROUND

The District is in the decision making process regarding how to best fund the District's portion of the Water Treatment Plant 1 Expansion Project. Part of that decision may be for the District to issue tax exempt securities at some point in the future and use those proceeds to repay itself for previous project expenditures. In order for the District to be able to repay itself for Water Treatment Plant 1 Expansion expenditures by issuing tax exempt securities, the District must have a Resolution of Intent to Reimburse from Proceeds of Tax Exempt Securities adopted prior to expending funds that may be repaid. The attached resolution does not commit the District to issue any tax exempt securities.

The Finance Committee recommends adoption.

RESOLUTION NO. 2014-03

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
RANCHO MURIETA COMMUNITY SERVICES DISTRICT
DECLARING THE OFFICIAL INTENT TO REIMBURSE
EXPENDITURES FROM THE PROCEEDS OF TAX EXEMPT
SECURITIES**

WHEREAS, the Rancho Murieta Community Services District (the "Issuer") desires to finance the construction and acquisition of the facilities described in detail below (collectively the "Project"); and

WHEREAS, the Issuer will be expending funds for the construction and acquisition of the Project; and

WHEREAS, the Issuer reasonably expects to reimburse such expenditures by authorizing the sale and delivery of one or more series of obligations (the "Obligations"), as described below.

NOW, THEREFORE, the Issuer hereby resolves as follows:

1. This Resolution is a declaration of official intent to reimburse expenditures pursuant to Treasury Regulations Section 1.150-2.
2. The Issuer desires to finance the construction and acquisition of the Project, consisting of the Water Treatment Plant Expansion Project.
3. The Issuer reasonably expects to reimburse the expenditures through the sale and delivery of one or more series of Obligations, the interest component on which is excludable from gross income under Section 103 of the Internal Revenue Code. The estimated maximum principal amount of Obligations to be issued for the Project is \$3,000,000.
4. The reimbursement allocation to be made with respect to the expenditures will occur not later than eighteen (18) months after the later of (i) the date on which the expenditure is paid, or (ii) the date on which the Project is placed in service, but in no event more than 3 years after the expenditure is paid.
5. This Resolution expresses the Issuer's expectations as of this date with respect to the financing of the construction and acquisition of the Project. Future events or extraordinary circumstances beyond the control of the Issuer may result in the Project being financed in a manner other than as described in this Resolution, and nothing contained herein constitutes an irrevocable commitment by the Issuer to issue the Obligations.

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6. This Resolution shall take effect upon adoption.

PASSED AND ADOPTED on February 19, 2014, by the following roll call vote:

Ayes:

Noes:

Absent:

Abstain:

Gerald Pasek, President of the Board
Rancho Murieta Community Services District

(Seal)

Attest:

Suzanne Lindenfeld, District Secretary

MEMORANDUM

Date: February 12, 2014
To: Board of Directors
From: Darlene J. Gillum, Director of Administration
Subject: Approve District's Prop 218 Notification Regarding Tiered Pricing

RECOMMENDED ACTION

Approve the proposed tiered rate and drought surcharge pricing for implementation through the Prop 218 for implementation effective with the May 25, 2014 billing cycle.

BACKGROUND

The District implemented a Stage 2 – Water Warning effective February 1, 2014. In the Water Shortage Contingency Plan, a Stage 2 drought declaration calls for up to 25% conservation and the implementation of tiered pricing and drought surcharges.

The conservation pricing model, developed by HDR for the District in 2007, was updated to reflect current 2013 consumption by account type (Residential, Commercial and Irrigation) and 2013-2014 budgeted revenue targets in order to calculate the proposed tiered rates and drought surcharges. The model develops proposed rates for all drought stages.

The following table summarizes the proposed rates and tiers for each drought stage:

	Rate Per Cubic Foot				
	<u>Normal</u>	<u>Stage 1</u>	<u>Stage 2</u>	<u>Stage 3</u>	<u>Stage 4</u>
Rate - Residential					
Block 1 – 0 to 800	\$0.147	\$0.147	\$0.192	\$0.310	\$0.664
Block 2 – 801 to 2,500	\$0.201	\$0.201	\$0.261	\$0.422	\$0.905
Block 3 – Over 2,500	\$0.235	\$0.235	\$0.305	\$0.493	\$1.056
Impact to Average Bill	\$5.53	\$5.53	\$10.84	\$18.02	\$25.58
% Surcharge	0.0%	0.0%	30.0%	110.0%	350.0%
Total Conservation Savings	1.2%	2.9%	20.3%	49.6%	75.8%
	<u>Normal</u>	<u>Stage 1</u>	<u>Stage 2</u>	<u>Stage 3</u>	<u>Stage 4</u>
Rate - Commercial					
Winter (Oct thru March)	\$0.150	\$0.150	\$0.195	\$0.315	\$0.684
Summer (April thru Sept)	\$0.196	\$0.196	\$0.254	\$0.411	\$0.881
Impact to Average Bill	\$42.51	\$42.51	\$117.98	\$185.11	\$484.59
% Surcharge	0.0%	0.0%	30.0%	110.0%	350.0%
Total Conservation Savings	4.0%	10.0%	20.0%	50.0%	63.3%

	<u>Normal</u>	<u>Stage 1</u>	<u>Stage 2</u>	<u>Stage 3</u>	<u>Stage 4</u>
Rate – Commercial Irrigation					
All Consumption	\$.0235	\$.0235	\$.0305	\$.0493	\$.1056
Impact to Average Bill	\$90.90	\$90.90	\$137.73	\$170.37	\$271.16
Total Conservation Savings		10.0%%	20.0%	50.0%	75.0%

FISCAL IMPACTS OF STAGE 2 DROUGHT

The fiscal impacts of a Stage 2 drought over a full year (based on 2013-2014 projected usage) without implementing tiered pricing is estimated to be \$394,000.

Revenue loss from 20% reduction in usage	\$190,000
Increased power cost running 3 500 hp pumps	\$ 74,000
Power demand surcharge	\$ 60,000
Conservation related expenditures	\$ 70,000
TOTAL FISCAL IMPACT	\$394,000

Without implementing tiered pricing it will be difficult to absorb the projected revenue loss and the increased costs related to drought impacts.

**Rancho Murieta CSD 2014
Residential Bill Comparison
Monthly Proposed Rate Schedule - Structure #1B (Normal)**

Present \$2,010,441
Adjustment 0.0%
Target \$2,010,441

Block 1 Base 800 cf
Block 2 Base 2,500 cf

PROPOSED RATES

Base Charge

	No. of Cust.	Rate	Revenue
All Residential	2,514	\$37.17	\$1,121,345
	-----		-----
	2,514		\$1,121,345

Commodity Charge

	Consump. (cf)	Rate	Revenue	Conservation
Block 1 - 0 to 800	22,156,280	\$0.0147	\$326,778	0.0%
Block 2 - 801 to 2,500	27,895,000	0.0201	561,024	0.0%
Block 3 - Over 2,500	7,766,584	0.0235	182,235	8.0%
	-----		-----	
	57,817,864		\$1,070,037	1.2%
		Total	\$2,191,381	
		Target	\$2,010,441	
		Difference	\$180,940	9.0%

Ave. Monthly Consump. 1,917

Do Not Delete-Rate Calculation
136.4%
159.1% 9.0%

**Rancho Murieta CSD
Residential Bill Comparison
Monthly Proposed Rate Schedule - Structure #1B**

Monthly Use/CF	Monthly Use/Gal	Water Rates			
		Present Rates	Proposed Rates	Difference	
				Amount	Percent
0	0	37.17	37.17	\$0.00	0.0%
200	1,496	40.21	40.12	(0.09)	-0.2%
400	2,992	43.25	43.07	(0.18)	-0.4%
600	4,488	46.29	46.02	(0.27)	-0.6%
800	5,984	49.33	48.97	(0.36)	-0.7%
1,000	7,480	52.37	52.99	0.62	1.2%
1,500	11,220	59.97	63.05	3.08	5.1%
2,000	14,960	67.57	73.10	5.53	8.2%
2,500	18,700	75.17	83.16	7.99	10.6%
3,000	22,440	82.77	94.89	12.12	14.6%
4,000	29,920	97.97	118.36	20.39	20.8%
5,000	37,400	113.17	141.82	28.65	25.3%
6,000	44,880	128.37	165.28	36.91	28.8%
7,000	52,360	143.57	188.75	45.18	31.5%
8,000	59,840	158.77	212.21	53.44	33.7%
9,000	67,320	173.97	235.68	61.71	35.5%
10,000	74,800	189.17	259.14	69.97	37.0%
11,000	82,280	204.37	282.60	78.23	38.3%
12,000	89,760	219.57	306.07	86.50	39.4%
13,000	97,240	234.77	329.53	94.76	40.4%
14,000	104,720	249.97	353.00	103.03	41.2%
15,000	112,200	265.17	376.46	111.29	42.0%
20,000	149,600	341.17	493.78	152.61	44.7%
25,000	187,000	417.17	611.10	193.93	46.5%
30,000	224,400	493.17	728.42	235.25	47.7%

Average

PRESENT RATES

Base Charge
Per Customer \$37.17

Commodity Charge (per cf)
All Consumption \$0.0152

PROPOSED RATES

Base Charge
Per Customer \$37.17

Commodity Charge (per cf)
Block 1 - 0 to 800 \$0.0147
Block 2 - 801 to 2,500 \$0.0201
Block 3 - Over 2,500 \$0.0235

**Rancho Murieta CSD 2014
Residential Bill Comparison
Monthly Proposed Rate Schedule - Structure #1B - Stage 1**

Present \$2,010,441
Adjustment 0.0%
Target \$2,010,441

Block 1 Base 800 cf
Block 2 Base 2,500 cf

PROPOSED RATES

Base Charge

	No. of Cust.	Rate	Revenue
All Residential	2,514	\$37.17	\$1,121,345
	-----		-----
	2,514		\$1,121,345

Commodity Charge

	Consump. (cf)	Rate	Revenue	Conservation
Block 1 - 0 to 800	22,156,280	\$0.0147	\$326,778	0%
Block 2 - 801 to 2,500	27,895,000	0.0201	561,024	0%
Block 3 - Over 2,500	6,753,551	0.0235	158,465	20%
	-----		-----	-----
	56,804,831		\$1,046,267	2.9%
		Total	\$2,167,611	
		Target	\$2,010,441	
		Difference	\$157,170	7.8%

Ave. Monthly Consump. 1,883 cf

**Rancho Murieta CSD
Residential Bill Comparison
Monthly Proposed Rate Schedule - Structure #1B - Stage 1**

Monthly Use/CF	Monthly Use/Gal	Water Rates			
		Present Rates	Proposed Rates	Difference	
				Amount	Percent
0	0	37.17	37.17	\$0.00	0.0%
100	748	38.69	38.64	(0.05)	-0.1%
200	1,496	40.21	40.12	(0.09)	-0.2%
300	2,244	41.73	41.59	(0.14)	-0.3%
400	2,992	43.25	43.07	(0.18)	-0.4%
500	3,740	44.77	44.54	(0.23)	-0.5%
600	4,488	46.29	46.02	(0.27)	-0.6%
700	5,236	47.81	47.49	(0.32)	-0.7%
800	5,984	49.33	48.97	(0.36)	-0.7%
900	6,732	50.85	50.98	0.13	0.3%
1,000	7,480	52.37	52.99	0.62	1.2%
1,500	11,220	59.97	63.05	3.08	5.1%
2,000	14,960	67.57	73.10	5.53	8.2%
2,500	18,700	75.17	83.16	7.99	10.6%
3,000	22,440	82.77	94.89	12.12	14.6%
3,500	26,180	90.37	106.62	16.25	18.0%
4,000	29,920	97.97	118.36	20.39	20.8%
4,500	33,660	105.57	130.09	24.52	23.2%
5,000	37,400	113.17	141.82	28.65	25.3%
5,500	41,140	120.77	153.55	32.78	27.1%
6,000	44,880	128.37	165.28	36.91	28.8%
6,500	48,620	135.97	177.02	41.05	30.2%
7,000	52,360	143.57	188.75	45.18	31.5%
7,500	56,100	151.17	200.48	49.31	32.6%
8,000	59,840	158.77	212.21	53.44	33.7%

Average

PRESENT RATES

Base Charge
Per Customer \$37.17

Commodity Charge (per cf)
All Consumption \$0.0152

PROPOSED RATES

Base Charge
Per Customer \$37.17

Commodity Charge (per cf)
Block 1 - 0 to 800 \$0.0147
Block 2 - 801 to 2,500 \$0.0201
Block 3 - Over 2,500 \$0.0235

**Rancho Murieta CSD 2014
Residential Bill Comparison
Monthly Proposed Rate Schedule - Structure #1B - Stage 2**

Present \$2,010,441
Adjustment 0.0%
Target \$2,010,441

Block 1 Base 800 cf
Block 2 Base 2,500 cf

PROPOSED RATES

Base Charge

	No. of Cust.	Rate	Revenue
All Residential	2,514	\$37.17	\$1,121,345
	-----		-----
	2,514		\$1,121,345

Commodity Charge

	Consump. (cf)	Rate	Revenue	Conservation
Block 1 - 0 to 800	21,491,592	\$0.0192	\$412,067	3.0%
Block 2 - 801 to 2,500	20,921,250	0.0261	546,998	25.0%
Block 3 - Over 2,500	4,220,970	0.0305	128,753	50.0%
	-----		-----	-----
	46,633,811		\$1,087,818	20.3%
		Total	\$2,209,163	
		Target Difference	\$2,010,441	
			\$198,721	9.9%

Ave. Monthly Consump. 1,546 cf

**Rancho Murieta CSD
Residential Bill Comparison
Monthly Proposed Rate Schedule - Structure #1B - Stage 2**

Monthly Use/CF	Monthly Use/Gal	Water Rates			
		Present Rates	Proposed Rates	Difference	
				Amount	Percent
0	0	37.17	37.17	\$0.00	0.0%
100	748	38.69	39.09	0.40	1.0%
200	1,496	40.21	41.00	0.79	2.0%
300	2,244	41.73	42.92	1.19	2.9%
400	2,992	43.25	44.84	1.59	3.7%
500	3,740	44.77	46.76	1.99	4.4%
600	4,488	46.29	48.67	2.38	5.2%
700	5,236	47.81	50.59	2.78	5.8%
800	5,984	49.33	52.51	3.18	6.4%
900	6,732	50.85	55.12	4.27	8.4%
1,000	7,480	52.37	57.74	5.37	10.2%
1,500	11,220	59.97	70.81	10.84	18.1%
2,000	14,960	67.57	83.88	16.31	24.1%
2,500	18,700	75.17	96.96	21.79	29.0%
3,000	22,440	82.77	112.21	29.44	35.6%
3,500	26,180	90.37	127.46	37.09	41.0%
4,000	29,920	97.97	142.71	44.74	45.7%
4,500	33,660	105.57	157.96	52.39	49.6%
5,000	37,400	113.17	173.21	60.04	53.1%
5,500	41,140	120.77	188.47	67.70	56.1%
6,000	44,880	128.37	203.72	75.35	58.7%
6,500	48,620	135.97	218.97	83.00	61.0%
7,000	52,360	143.57	234.22	90.65	63.1%
7,500	56,100	151.17	249.47	98.30	65.0%
8,000	59,840	158.77	264.72	105.95	66.7%

Average

PRESENT RATES

Base Charge
Per Customer \$37.17

Commodity Charge (per cf)
All Consumption \$0.0152

PROPOSED RATES

Base Charge
Per Customer \$37.17

Commodity Charge (per cf)
Block 1 - 0 to 800 \$0.0192
Block 2 - 801 to 2,500 \$0.0261
Block 3 - Over 2,500 \$0.0305

Drought Surcharge 30%

**Rancho Murieta CSD 2014
Residential Bill Comparison
Monthly Proposed Rate Schedule - Structure #1B - Stage 3**

Present \$2,010,441
Adjustment 0.0%
Target \$2,010,441

Block 1 Base 800 cf
Block 2 Base 2,500 cf

PROPOSED RATES

Base Charge

	No. of Cust.	Rate	Revenue
All Residential	2,514	\$37.17	\$1,121,345
	-----		-----
	2,514		\$1,121,345

Commodity Charge

	Consump. (cf)	Rate	Revenue	Conservation
Block 1 - 0 to 800	16,617,210	\$0.0310	\$514,676	25%
Block 2 - 801 to 2,500	11,158,000	0.0422	471,260	60%
Block 3 - Over 2,500	1,688,388	0.0493	83,194	80%
	-----		-----	-----
	29,463,598		\$1,069,130	49.6%
		Total	\$2,190,474	
		Target	\$2,010,441	
		Difference	\$180,033	9.0%

Ave. Monthly Consump. 977 cf

**Rancho Murieta CSD
Residential Bill Comparison
Monthly Proposed Rate Schedule - Structure #1B - Stage 3**

Monthly Use/CF	Monthly Use/Gal	Water Rates			
		Present Rates	Proposed Rates	Difference	
				Amount	Percent
0	0	37.17	37.17	\$0.00	0.0%
100	748	38.69	40.27	1.58	4.1%
200	1,496	40.21	43.36	3.15	7.8%
300	2,244	41.73	46.46	4.73	11.3%
400	2,992	43.25	49.56	6.31	14.6%
500	3,740	44.77	52.66	7.89	17.6%
600	4,488	46.29	55.75	9.46	20.4%
700	5,236	47.81	58.85	11.04	23.1%
800	5,984	49.33	61.95	12.62	25.6%
900	6,732	50.85	66.17	15.32	30.1%
1,000	7,480	52.37	70.39	18.02	34.4%
1,500	11,220	59.97	91.51	31.54	52.6%
2,000	14,960	67.57	112.63	45.06	66.7%
2,500	18,700	75.17	133.75	58.58	77.9%
3,000	22,440	82.77	158.38	75.61	91.4%
3,500	26,180	90.37	183.02	92.65	102.5%
4,000	29,920	97.97	207.66	109.69	112.0%
4,500	33,660	105.57	232.30	126.73	120.0%
5,000	37,400	113.17	256.93	143.76	127.0%
5,500	41,140	120.77	281.57	160.80	133.1%
6,000	44,880	128.37	306.21	177.84	138.5%
6,500	48,620	135.97	330.85	194.88	143.3%
7,000	52,360	143.57	355.48	211.91	147.6%
7,500	56,100	151.17	380.12	228.95	151.5%
8,000	59,840	158.77	404.76	245.99	154.9%

Average

PRESENT RATES

Base Charge
Per Customer \$37.17

Commodity Charge (per cf)
All Consumption \$0.0152

PROPOSED RATES

Base Charge
Per Customer \$37.17

Commodity Charge (per cf)
Block 1 - 0 to 800 \$0.0310
Block 2 - 801 to 2,500 \$0.0422
Block 3 - Over 2,500 \$0.0493

Drought Surcharge 110%

**Rancho Murieta CSD 2014
Residential Bill Comparison
Monthly Proposed Rate Schedule - Structure #1B - Stage 4**

Present \$2,010,441
Adjustment 0.0%
Target \$2,010,441

Block 1 Base 800 cf
Block 2 Base 2,500 cf

PROPOSED RATES

Base Charge

	No. of Cust.	Rate	Revenue
All Residential	2,514	\$37.17	\$1,121,345
	-----		-----
	2,514		\$1,121,345

Commodity Charge

	Consump. (cf)	Rate	Revenue	Conservation
Block 1 - 0 to 800	9,970,326	\$0.0664	\$661,726	55%
Block 2 - 801 to 2,500	4,184,250	0.0905	378,691	85%
Block 3 - Over 2,500	0	0.1056	0	100%
	-----		-----	-----
	14,154,576		\$1,040,417	75.8%
		Total	\$2,161,761	
		Target	\$2,010,441	
		Difference	\$151,320	7.5%

Ave. Monthly Consump. 469 cf

**Rancho Murieta CSD
Residential Bill Comparison
Monthly Proposed Rate Schedule - Structure #1B - Stage 4**

Monthly Use/CF	Monthly Use/Gal	Water Rates			
		Present Rates	Proposed Rates	Difference	
				Amount	Percent
0	0	37.17	37.17	\$0.00	0.0%
100	748	38.69	43.81	5.12	13.2%
200	1,496	40.21	50.44	10.23	25.5%
300	2,244	41.73	57.08	15.35	36.8%
400	2,992	43.25	63.72	20.47	47.3%
500	3,740	44.77	70.35	25.58	57.1%
600	4,488	46.29	76.99	30.70	66.3%
700	5,236	47.81	83.63	35.82	74.9%
800	5,984	49.33	90.27	40.94	83.0%
900	6,732	50.85	99.32	48.47	95.3%
1,000	7,480	52.37	108.37	56.00	106.9%
1,500	11,220	59.97	153.62	93.65	156.2%
2,000	14,960	67.57	198.87	131.30	194.3%
2,500	18,700	75.17	244.12	168.95	224.8%
3,000	22,440	82.77	296.92	214.15	258.7%
3,500	26,180	90.37	349.71	259.34	287.0%
4,000	29,920	97.97	402.50	304.53	310.8%
4,500	33,660	105.57	455.30	349.73	331.3%
5,000	37,400	113.17	508.09	394.92	349.0%
5,500	41,140	120.77	560.89	440.12	364.4%
6,000	44,880	128.37	613.68	485.31	378.1%
6,500	48,620	135.97	666.47	530.50	390.2%
7,000	52,360	143.57	719.27	575.70	401.0%
7,500	56,100	151.17	772.06	620.89	410.7%
8,000	59,840	158.77	824.86	666.09	419.5%

Average

PRESENT RATES

Base Charge
Per Customer \$37.17

Commodity Charge (per cf)
All Consumption \$0.0152

PROPOSED RATES

Base Charge
Per Customer \$37.17

Commodity Charge (per cf)
Block 1 - 0 to 800 \$0.0664
Block 2 - 801 to 2,500 \$0.0905
Block 3 - Over 2,500 \$0.1056

Drought Surcharge 350%

**Rancho Murieta CSD 2014
Commercial Bill Comparison
Monthly Proposed Rate Schedule - Structure #2 (Normal)**

Present \$100,589
Adjustment 0.0%
Target \$100,589

PROPOSED RATES

Base Charge

	No. of Cust.	Rate	Revenue
Total Commercial Customers	42	"varies"	\$26,735
CSD and Other	1	\$37.17	\$446
	-----	-----	-----
	43		\$27,181

Commodity Charge

	Consump. (cf)	Rate	Revenue	
Winter				
All Consumption	1,614,772	\$0.0150	\$24,227	
Summer				
All Consumption	3,086,208	\$0.0196	\$60,395	4.0%
	-----	-----	-----	
	4,700,980		\$84,622	
		Total	\$111,802	2.7%
		Target	\$100,589	
		Difference	\$11,213	11.1%

Do Not Delete-Rate Calculation
130.4% 11.1%

**Rancho Murieta CSD
Commercial Bill Comparison
Monthly Proposed Rate Schedule - Structure #2**

Monthly Use/CF	Monthly Use/Gal	Present Rates	Winter Water Rates (Consum. Only)			Summer Water Rates (Consum. Only)		
			Proposed Rates	Difference		Proposed Rates	Difference	
				Amount	Percent		Amount	Percent
0	0	\$52.68	\$52.68	\$0.00	0.0%	\$52.68	\$0.00	0.0%
1,000	7,480	\$67.88	\$67.68	-\$0.20	-0.3%	\$72.25	\$4.37	6.4%
2,000	14,960	\$83.08	\$82.68	-\$0.39	-0.5%	\$91.81	\$8.74	10.5%
3,000	22,440	\$98.28	\$97.69	-\$0.59	-0.6%	\$111.38	\$13.11	13.3%
4,000	29,920	\$113.48	\$112.69	-\$0.79	-0.7%	\$130.95	\$17.48	15.4%
5,000	37,400	\$128.68	\$127.69	-\$0.98	-0.8%	\$150.52	\$21.85	17.0%
6,000	44,880	\$143.88	\$142.69	-\$1.18	-0.8%	\$170.09	\$26.22	18.2%
7,000	52,360	\$159.08	\$157.70	-\$1.38	-0.9%	\$189.66	\$30.59	19.2%
8,000	59,840	\$174.28	\$172.70	-\$1.57	-0.9%	\$209.23	\$34.95	20.1%
9,000	67,320	\$189.48	\$187.70	-\$1.77	-0.9%	\$228.80	\$39.32	20.8%
10,000	74,800	\$204.68	\$202.71	-\$1.97	-1.0%	\$248.37	\$43.69	21.3%
15,000	112,200	\$280.68	\$277.72	-\$2.95	-1.1%	\$346.22	\$65.54	23.4%
20,000	149,600	\$356.68	\$352.74	-\$3.94	-1.1%	\$444.06	\$87.39	24.5%
25,000	187,000	\$432.68	\$427.75	-\$4.92	-1.1%	\$541.91	\$109.23	25.2%
30,000	224,400	\$508.68	\$502.77	-\$5.91	-1.2%	\$639.76	\$131.08	25.8%
35,000	261,800	\$584.68	\$577.79	-\$6.89	-1.2%	\$737.60	\$152.93	26.2%
40,000	299,200	\$660.68	\$652.80	-\$7.87	-1.2%	\$835.45	\$174.77	26.5%
45,000	336,600	\$736.68	\$727.82	-\$8.86	-1.2%	\$933.29	\$196.62	26.7%
50,000	374,000	\$812.68	\$802.83	-\$9.84	-1.2%	\$1,031.14	\$218.47	26.9%
55,000	411,400	\$888.68	\$877.85	-\$10.83	-1.2%	\$1,128.99	\$240.31	27.0%
60,000	448,800	\$964.68	\$952.86	-\$11.81	-1.2%	\$1,226.83	\$262.16	27.2%
65,000	486,200	\$1,040.68	\$1,027.88	-\$12.80	-1.2%	\$1,324.68	\$284.00	27.3%
70,000	523,600	\$1,116.68	\$1,102.90	-\$13.78	-1.2%	\$1,422.53	\$305.85	27.4%
75,000	561,000	\$1,192.68	\$1,177.91	-\$14.76	-1.2%	\$1,520.37	\$327.70	27.5%

Avg. Winter Consumption
Avg. Summer Consumption

PRESENT RATES

Base Charge
Per Customer \$52.68 *

Commodity Charge (per cf)
All Consumption \$0.0152

PROPOSED WINTER RATES

Base Charge
Per Customer \$52.68 *

Commodity Charge (per cf)
All Consumption \$0.0150

PROPOSED SUMMER RATES

Base Charge
Per Customer \$52.68 *

Commodity Charge (per cf)
All Consumption \$0.0196

NOTES:

1. Winter is the six month period from October through March.
2. Summer is the six month period from April through September.

* Commercial base rate varies by customer. An average base rate was used for the bill comparison.

**Rancho Murieta CSD 2014
Commercial Bill Comparison
Monthly Proposed Rate Schedule - Structure #2 - Stage 1**

Present \$100,589
Adjustment 0.0%
Target \$100,589

PROPOSED RATES

Base Charge

	No. of Cust.	Rate	Revenue
Total Commercial Customers	42	"varies"	\$26,735
CSD and Other	1	\$37.17	\$446
	-----		-----
	43		\$27,181

Commodity Charge

	Consump. (cf)	Rate	Revenue	Conservation
Winter				
All Consumption	1,614,772	\$0.0150	\$24,227	0%
Summer				
All Consumption	2,732,580	\$0.0196	\$53,475	15%
	-----		-----	-----
	4,347,352		\$77,701	10.0%
		Total	\$104,882	
		Target	\$100,589	
		Difference	\$4,293	4.3%

Ave. Winter Mo. Consump. 6,259 cf
Ave. Sum. Mo. Consump. 10,591 cf

NOTES:

1. Winter is the six month period from October through March.
2. Summer is the six month period from April through September.

**Rancho Murieta CSD
Commercial Bill Comparison
Monthly Proposed Rate Schedule - Structure #2 - Stage 1**

Monthly Use/CF	Monthly Use/Gal	Present Rates	Winter Water Rates (Consum. Only)				Summer Water Rates (Consum. Only)			
			Proposed Rates	Difference		Proposed Rates	Difference			
				Amount	Percent		Amount	Percent		
0	0	\$52.68	\$52.68	\$0.00	0.0%	\$52.68	\$0.00	0.0%	0.0%	
1,000	7,480	\$67.88	\$67.88	-\$0.20	-0.3%	\$72.25	\$4.37	6.4%	6.4%	
2,000	14,960	\$83.08	\$82.68	-\$0.39	-0.5%	\$91.81	\$8.74	10.5%	10.5%	
3,000	22,440	\$98.28	\$97.69	-\$0.59	-0.6%	\$111.38	\$13.11	13.3%	13.3%	
4,000	29,920	\$113.48	\$112.69	-\$0.79	-0.7%	\$130.95	\$17.48	15.4%	15.4%	
5,000	37,400	\$128.68	\$127.69	-\$0.98	-0.8%	\$150.52	\$21.85	17.0%	17.0%	
6,000	44,880	\$143.88	\$142.69	-\$1.18	-0.8%	\$170.09	\$26.22	18.2%	18.2%	
7,000	52,360	\$159.08	\$157.70	-\$1.38	-0.9%	\$189.66	\$30.59	19.2%	19.2%	
8,000	59,840	\$174.28	\$172.70	-\$1.57	-0.9%	\$209.23	\$34.95	20.1%	20.1%	
9,000	67,320	\$189.48	\$187.70	-\$1.77	-0.9%	\$228.80	\$39.32	20.8%	20.8%	
10,000	74,800	\$204.68	\$202.71	-\$1.97	-1.0%	\$248.37	\$43.69	21.3%	21.3%	
15,000	112,200	\$280.68	\$277.72	-\$2.95	-1.1%	\$346.22	\$65.54	23.4%	23.4%	
20,000	149,600	\$356.68	\$352.74	-\$3.94	-1.1%	\$444.06	\$87.39	24.5%	24.5%	
25,000	187,000	\$432.68	\$427.75	-\$4.92	-1.1%	\$541.91	\$109.23	25.2%	25.2%	
30,000	224,400	\$508.68	\$502.77	-\$5.91	-1.2%	\$639.76	\$131.08	25.8%	25.8%	
35,000	261,800	\$584.68	\$577.79	-\$6.89	-1.2%	\$737.60	\$152.93	26.2%	26.2%	
40,000	299,200	\$660.68	\$652.80	-\$7.87	-1.2%	\$835.45	\$174.77	26.5%	26.5%	
45,000	336,600	\$736.68	\$727.82	-\$8.86	-1.2%	\$933.29	\$196.62	26.7%	26.7%	
50,000	374,000	\$812.68	\$802.83	-\$9.84	-1.2%	\$1,031.14	\$218.47	26.9%	26.9%	
55,000	411,400	\$888.68	\$877.85	-\$10.83	-1.2%	\$1,128.99	\$240.31	27.0%	27.0%	
60,000	448,800	\$964.68	\$952.86	-\$11.81	-1.2%	\$1,226.83	\$262.16	27.2%	27.2%	
65,000	486,200	\$1,040.68	\$1,027.88	-\$12.80	-1.2%	\$1,324.68	\$284.00	27.3%	27.3%	
70,000	523,600	\$1,116.68	\$1,102.90	-\$13.78	-1.2%	\$1,422.53	\$305.85	27.4%	27.4%	
75,000	561,000	\$1,192.68	\$1,177.91	-\$14.76	-1.2%	\$1,520.37	\$327.70	27.5%	27.5%	

Avg. Winter Consumption

Avg. Summer Consumption

PRESENT RATES

Base Charge
Per Customer \$52.68 *

Commodity Charge (per cf)
All Consumption \$0.0152

PROPOSED WINTER RATES

Base Charge
Per Customer \$52.68 *

Commodity Charge (per cf)
All Consumption \$0.0150

PROPOSED SUMMER RATES

Base Charge
Per Customer \$52.68 *

Commodity Charge (per cf)
All Consumption \$0.0196

* Commercial base rate varies by customer. An average base rate was used for the bill comparison.

**Rancho Murieta CSD 2014
Commercial Bill Comparison
Monthly Proposed Rate Schedule - Structure #2 - Stage 2**

Present \$100,589
Adjustment 0.0%
Target \$100,589

PROPOSED RATES

Base Charge

	No. of Cust.	Rate	Revenue
Total Commercial Customers	42	"varies"	\$26,735
CSD and Other	1	\$37.17	\$446
	-----		-----
	43		\$27,181

Commodity Charge

	Consump. (cf)	Rate	Revenue	Conservation
Winter				
All Consumption	1,614,772	\$0.0195	\$31,495	0%
Summer				
All Consumption	2,250,360	\$0.0254	\$57,249	30%
	-----		-----	-----
	3,865,132		\$88,744	20.0%
		Total	\$115,925	
		Target	\$100,589	
		Difference	\$15,336	15.2%

Ave. Winter Mo. Consump. 6,259 cf
Ave. Sum. Mo. Consump. 8,722 cf

NOTES:

1. Winter is the six month period from October through March.
2. Summer is the six month period from April through September.

**Rancho Murieta CSD
Commercial Bill Comparison
Monthly Proposed Rate Schedule - Structure #2 - Stage 2**

Monthly Use/CF	Monthly Use/Gal	Present Rates	Winter Water Rates (Consum. Only)			Summer Water Rates (Consum. Only)		
			Proposed Rates	Difference		Proposed Rates	Difference	
				Amount	Percent		Amount	Percent
0	0	\$52.68	\$52.68	\$0.00	0.0%	\$52.68	\$0.00	0.0%
1,000	7,480	67.88	72.18	4.30	6.3%	78.12	10.24	15.1%
2,000	14,960	83.08	91.68	8.61	10.4%	103.56	20.48	24.7%
3,000	22,440	98.28	111.19	12.91	13.1%	129.00	30.72	31.3%
4,000	29,920	113.48	130.69	17.22	15.2%	154.44	40.96	36.1%
5,000	37,400	128.68	150.20	21.52	16.7%	179.88	51.20	39.8%
6,000	44,880	143.88	169.70	25.82	17.9%	205.32	61.44	42.7%
7,000	52,360	159.08	189.20	30.13	18.9%	230.76	71.68	45.1%
8,000	59,840	174.28	208.71	34.43	19.8%	256.20	81.92	47.0%
9,000	67,320	189.48	228.21	38.74	20.4%	281.64	92.16	48.6%
10,000	74,800	204.68	247.72	43.04	21.0%	307.08	102.40	50.0%
15,000	112,200	280.68	345.24	64.56	23.0%	434.28	153.60	54.7%
20,000	149,600	356.68	442.76	86.08	24.1%	561.48	204.80	57.4%
25,000	187,000	432.68	540.28	107.60	24.9%	688.68	256.00	59.2%
30,000	224,400	508.68	637.80	129.12	25.4%	815.88	307.20	60.4%
35,000	261,800	584.68	735.32	150.64	25.8%	943.08	358.40	61.3%
40,000	299,200	660.68	832.84	172.16	26.1%	1,070.28	409.60	62.0%
45,000	336,600	736.68	930.36	193.68	26.3%	1,197.48	460.80	62.6%
50,000	374,000	812.68	1,027.88	215.20	26.5%	1,324.68	512.00	63.0%
55,000	411,400	888.68	1,125.40	236.72	26.6%	1,451.88	563.21	63.4%
60,000	448,800	964.68	1,222.92	258.24	26.8%	1,579.08	614.41	63.7%
65,000	486,200	1,040.68	1,320.44	279.76	26.9%	1,706.28	665.61	64.0%
70,000	523,600	1,116.68	1,417.96	301.29	27.0%	1,833.48	716.81	64.2%
75,000	561,000	1,192.68	1,515.48	322.81	27.1%	1,960.68	768.01	64.4%

Avg. Winter Consumption
Avg. Summer Consumption

PRESENT RATES

Base Charge
Per Customer \$52.68 *

Commodity Charge (per cf)
All Consumption \$0.0152

PROPOSED WINTER RATES

Base Charge
Per Customer \$52.68 *

Commodity Charge (per cf)
All Consumption \$0.0195

Drought Surcharge 30%

PROPOSED SUMMER RATES

Base Charge
Per Customer \$52.68 *

Commodity Charge (per cf)
All Consumption \$0.0254

Drought Surcharge 30%

**Rancho Murieta CSD 2014
Commercial Bill Comparison
Monthly Proposed Rate Schedule - Structure #2 - Stage 3**

Present \$100,589
Adjustment 0.0%
Target \$100,589

PROPOSED RATES

Base Charge

	No. of Cust.	Rate	Revenue
Total Commercial Customers	42	"varies"	\$26,735
CSD and Other	1	\$37.17	\$446
	-----		-----
	43		\$27,181

Commodity Charge

	Consump. (cf)	Rate	Revenue	Conservation
Winter				
All Consumption	1,291,818	\$0.0315	\$40,701	20%
Summer				
All Consumption	1,125,180	\$0.0411	\$46,240	65%
	-----		-----	-----
	2,416,998		\$86,941	50.0%
		Total	\$114,121	
		Target	\$100,589	
		Difference	\$13,532	13.5%

Ave. Winter Mo. Consump. 5,007 cf
Ave. Sum. Mo. Consump. 4,361 cf

NOTES:

1. Winter is the six month period from October through March.
2. Summer is the six month period from April through September.

**Rancho Murieta CSD
Commercial Bill Comparison
Monthly Proposed Rate Schedule - Structure #2 - Stage 3**

Monthly Use/CF	Monthly Use/Gal	Present Rates	Winter Water Rates (Consum. Only)			Summer Water Rates (Consum. Only)		
			Proposed Rates	Difference		Proposed Rates	Difference	
				Amount	Percent		Amount	Percent
0	0	\$52.68	\$52.68	\$0.00	0.0%	\$52.68	\$0.00	0.0%
1,000	7,480	67.88	84.18	\$16.31	24.0%	93.77	25.90	38.2%
2,000	14,960	83.08	115.69	\$32.61	39.3%	134.87	51.79	62.3%
3,000	22,440	98.28	147.20	\$48.92	49.8%	175.96	77.69	79.0%
4,000	29,920	113.48	178.70	\$65.23	57.5%	217.06	103.58	91.3%
5,000	37,400	128.68	210.21	\$81.53	63.4%	258.15	129.48	100.6%
6,000	44,880	143.88	241.72	\$97.84	68.0%	299.25	155.37	108.0%
7,000	52,360	159.08	273.22	\$114.15	71.8%	340.34	181.27	114.0%
8,000	59,840	174.28	304.73	\$130.45	74.9%	381.44	207.16	118.9%
9,000	67,320	189.48	336.24	\$146.76	77.5%	422.54	233.06	123.0%
10,000	74,800	204.68	367.74	\$163.07	79.7%	463.63	258.96	126.5%
15,000	112,200	280.68	525.27	\$244.60	87.1%	669.11	388.43	138.4%
20,000	149,600	356.68	682.81	\$326.13	91.4%	874.59	517.91	145.2%
25,000	187,000	432.68	840.34	\$407.66	94.2%	1,080.06	647.39	149.6%
30,000	224,400	508.68	997.87	\$489.20	96.2%	1,285.54	776.87	152.7%
35,000	261,800	584.68	1,155.41	\$570.73	97.6%	1,491.02	906.34	155.0%
40,000	299,200	660.68	1,312.94	\$652.26	98.7%	1,696.50	1,035.82	156.8%
45,000	336,600	736.68	1,470.47	\$733.80	99.6%	1,901.98	1,165.30	158.2%
50,000	374,000	812.68	1,628.01	\$815.33	100.3%	2,107.45	1,294.78	159.3%
55,000	411,400	888.68	1,785.54	\$896.86	100.9%	2,312.93	1,424.25	160.3%
60,000	448,800	964.68	1,943.07	\$978.39	101.4%	2,518.41	1,553.73	161.1%
65,000	486,200	1,040.68	2,100.60	\$1,059.93	101.8%	2,723.89	1,683.21	161.7%
70,000	523,600	1,116.68	2,258.14	\$1,141.46	102.2%	2,929.36	1,812.69	162.3%
75,000	561,000	1,192.68	2,415.67	\$1,222.99	102.5%	3,134.84	1,942.17	162.8%

Avg. Summer Consumption
Avg. Winter Consumption

PRESENT RATES

Base Charge
Per Customer \$52.68 *

Commodity Charge (per cf)
All Consumption \$0.0152

PROPOSED WINTER RATES

Base Charge
Per Customer \$52.68 *

Commodity Charge (per cf)
All Consumption \$0.0315

Drought Surcharge 110%

PROPOSED SUMMER RATES

Base Charge
Per Customer \$52.68 *

Commodity Charge (per cf)
All Consumption \$0.0411

Drought Surcharge 110%

* Commercial base rate varies by customer. An average base rate was used for the bill comparison.

**Rancho Murieta CSD 2014
Commercial Bill Comparison
Monthly Proposed Rate Schedule - Structure #2 - Stage 4**

Present \$100,589
Adjustment 0.0%
Target \$100,589

PROPOSED RATES

Base Charge				
	No. of Cust.	Rate	Revenue	
Total Commercial Customers	42	"varies"	\$26,735	
CSD and Other	1	\$37.17	\$446	
	-----		-----	
	43		\$27,181	
Commodity Charge				
	Consump. (cf)	Rate	Revenue	Conservation
Winter				
All Consumption	1,130,341	\$0.0684	\$77,315	30%
Summer				
All Consumption	642,960	\$0.0881	\$56,620	80%
	-----		-----	-----
	1,773,301		\$133,936	63.3%
		Total	\$161,116	
		Target	\$100,589	
		Difference	\$60,527	60.2%

Ave. Winter Mo. Consump. 4,381 cf
Ave. Sum. Mo. Consump. 2,492 cf

NOTES:

1. Winter is the six month period from October through March.
2. Summer is the six month period from April through September.

**Rancho Murieta CSD
Commercial Bill Comparison
Monthly Proposed Rate Schedule - Structure #2 - Stage 4**

Monthly Use/CF	Monthly Use/Gal	Present Rates	Winter Water Rates (Consum. Only)			Summer Water Rates (Consum. Only)		
			Proposed Rates	Difference		Proposed Rates	Difference	
				Amount	Percent		Amount	Percent
0	0	\$52.68	\$52.68	\$0.00	0.0%	\$52.68	\$0.00	0.0%
1,000	7,480	67.88	121.08	\$53.20	78.4%	140.74	72.86	107.3%
2,000	14,960	83.08	189.48	\$106.40	128.1%	228.80	145.72	175.4%
3,000	22,440	98.28	257.88	\$159.60	162.4%	316.86	218.59	222.4%
4,000	29,920	113.48	326.28	\$212.80	187.5%	404.92	291.45	256.8%
5,000	37,400	128.68	394.68	\$266.00	206.7%	492.99	364.31	283.1%
6,000	44,880	143.88	463.08	\$319.20	221.9%	581.05	437.17	303.9%
7,000	52,360	159.08	531.48	\$372.40	234.1%	669.11	510.03	320.6%
8,000	59,840	174.28	599.88	\$425.60	244.2%	757.17	582.89	334.5%
9,000	67,320	189.48	668.28	\$478.80	252.7%	845.23	655.76	346.1%
10,000	74,800	204.68	736.68	\$532.00	259.9%	933.29	728.62	356.0%
15,000	112,200	280.68	1,078.68	\$798.00	284.3%	1,373.60	1,092.93	389.4%
20,000	149,600	356.68	1,420.68	\$1,064.00	298.3%	1,813.91	1,457.24	408.6%
25,000	187,000	432.68	1,762.68	\$1,330.00	307.4%	2,254.22	1,821.55	421.0%
30,000	224,400	508.68	2,104.68	\$1,596.00	313.8%	2,694.53	2,185.86	429.7%
35,000	261,800	584.68	2,446.68	\$1,862.00	318.5%	3,134.84	2,550.17	436.2%
40,000	299,200	660.68	2,788.68	\$2,128.00	322.1%	3,575.15	2,914.47	441.1%
45,000	336,600	736.68	3,130.68	\$2,394.00	325.0%	4,015.46	3,278.78	445.1%
50,000	374,000	812.68	3,472.68	\$2,660.00	327.3%	4,455.77	3,643.09	448.3%
55,000	411,400	888.68	3,814.68	\$2,926.00	329.3%	4,896.08	4,007.40	450.9%
60,000	448,800	964.68	4,156.68	\$3,192.00	330.9%	5,336.39	4,371.71	453.2%
65,000	486,200	1,040.68	4,498.68	\$3,458.00	332.3%	5,776.70	4,736.02	455.1%
70,000	523,600	1,116.68	4,840.68	\$3,724.00	333.5%	6,217.01	5,100.33	456.7%
75,000	561,000	1,192.68	5,182.68	\$3,990.00	334.5%	6,657.32	5,464.64	458.2%

Avg. Summer Consumption

Avg. Winter Consumption

PRESENT RATES

Base Charge
Per Customer \$52.68 *

Commodity Charge (per cf)
All Consumption \$0.0152

PROPOSED WINTER RATES

Base Charge
Per Customer \$52.68 *

Commodity Charge (per cf)
All Consumption \$0.0684

Drought Surcharge 350%

PROPOSED SUMMER RATES

Base Charge
Per Customer \$52.68 *

Commodity Charge (per cf)
All Consumption \$0.0881

Drought Surcharge 350%

* Commercial base rate varies by customer. An average base rate was used for the bill comparison.

**Rancho Murieta CSD 2014
Metered Irrigation Bill Comparison
Monthly Proposed Rate Schedule - Structure #1 (Normal)**

Present \$116,172
Adjustment 0.0%
Target \$116,172

PROPOSED RATES

Base Charge

	No. of Cust.	Rate	Revenue
Total Irrigation Customers	40 "varies"		\$22,689
CSD and Park	4	\$37.17	\$1,784
	-----		-----
	44		\$24,473

Commodity Charge

	Consump. (cf)	Rate	Revenue	Conservation
All Consumption	5,550,176	\$0.0235	\$130,229	8%
	-----		-----	
	5,550,176		\$130,229	
		Total	\$154,703	
		Target	\$116,172	
		Difference	\$38,531	33.2%

Ave. Monthly Consump. 10,512 0.0%

NOTE: Metered irrigation consumption rate set equal to residential irrigation (block 3).

**Rancho Murieta CSD
Metered Irrigation Bill Comparison
Monthly Proposed Rate Schedule - Structure #1 (Normal)**

Monthly Use/CF	Monthly Use/Gal	Water Rates (Consumption Only)			
		Present Rates	Proposed Rates	Difference	
				Amount	Percent
0	0	\$46.35	\$46.35	\$0.00	0.0%
1,000	7,480	61.55	69.82	8.26	13.4%
3,000	22,440	91.95	116.74	24.79	27.0%
5,000	37,400	122.35	163.67	41.32	33.8%
7,000	52,360	152.75	210.60	57.85	37.9%
9,000	67,320	183.15	257.53	74.38	40.6%
11,000	82,280	213.55	304.45	90.90	42.6%
15,000	112,200	274.35	398.31	123.96	45.2%
20,000	149,600	350.35	515.63	165.28	47.2%
25,000	187,000	426.35	632.95	206.60	48.5%
30,000	224,400	502.35	750.27	247.92	49.4%
35,000	261,800	578.35	867.59	289.24	50.0%
40,000	299,200	654.35	984.91	330.56	50.5%
45,000	336,600	730.35	1102.23	371.88	50.9%
50,000	374,000	806.35	1219.55	413.20	51.2%
55,000	411,400	882.35	1336.87	454.52	51.5%
60,000	448,800	958.35	1454.19	495.84	51.7%
65,000	486,200	1,034.35	1571.51	537.16	51.9%
70,000	523,600	1,110.35	1688.83	578.48	52.1%
75,000	561,000	1,186.35	1806.15	619.80	52.2%
80,000	598,400	1,262.35	1923.47	661.12	52.4%
85,000	635,800	1,338.35	2040.79	702.44	52.5%
90,000	673,200	1,414.35	2158.11	743.76	52.6%
95,000	710,600	1,490.35	2275.43	785.08	52.7%
100,000	748,000	1,566.35	2392.75	826.40	52.8%

Avg. Consumption

PRESENT RATES

Base Charge

Per Customer \$46.35 *

Commodity Charge (per cf)

All Consumption \$0.0152

PROPOSED RATES

Base Charge

Per Customer \$46.35 *

Commodity Charge (per cf)

All Consumption \$0.0235

* Commercial base rate varies by customer. An average base rate was used for the bill comparison.

**Rancho Murieta CSD 2014
Metered Irrigation Bill Comparison
Monthly Proposed Rate Schedule - Stage 1**

Present \$116,172
Adjustment 0.0%
Target \$116,172

PROPOSED RATES

Base Charge

	No. of Cust.	Rate	Revenue
Total Irrigation Customers	40	"varies"	\$22,689
CSD and Park	4	\$37.17	\$1,784
	-----		-----
	44		\$24,473

Commodity Charge

	Consump. (cf)	Rate	Revenue	Conservation
All Consumption	5,429,520	\$0.0235	\$127,398	10%
	-----		-----	-----
	5,429,520		\$127,398	10.0%
		Total	\$151,872	
		Target	\$116,172	
		Difference	\$35,700	30.7%

Ave. Monthly Consump. 10,283

NOTE: Metered irrigation consumption rate set equal to residential irrigation (block 3).

**Rancho Murieta CSD
Metered Irrigation Bill Comparison
Monthly Proposed Rate Schedule - Stage 1**

Monthly Use/CF	Monthly Use/Gal	Water Rates (Consumption Only)			
		Present Rates	Proposed Rates	Difference	
				Amount	Percent
0	0	\$46.35	\$46.35	\$0.00	0.0%
1,000	7,480	61.55	69.82	8.26	13.4%
3,000	22,440	91.95	116.74	24.79	27.0%
5,000	37,400	122.35	163.67	41.32	33.8%
7,000	52,360	152.75	210.60	57.85	37.9%
9,000	67,320	183.15	257.53	74.38	40.6%
11,000	82,280	213.55	304.45	90.90	42.6%
15,000	112,200	274.35	398.31	123.96	45.2%
20,000	149,600	350.35	515.63	165.28	47.2%
25,000	187,000	426.35	632.95	206.60	48.5%
30,000	224,400	502.35	750.27	247.92	49.4%
35,000	261,800	578.35	867.59	289.24	50.0%
40,000	299,200	654.35	984.91	330.56	50.5%
45,000	336,600	730.35	1102.23	371.88	50.9%
50,000	374,000	806.35	1219.55	413.20	51.2%
55,000	411,400	882.35	1336.87	454.52	51.5%
60,000	448,800	958.35	1454.19	495.84	51.7%
65,000	486,200	1,034.35	1571.51	537.16	51.9%
70,000	523,600	1,110.35	1688.83	578.48	52.1%
75,000	561,000	1,186.35	1806.15	619.80	52.2%
80,000	598,400	1,262.35	1923.47	661.12	52.4%
85,000	635,800	1,338.35	2040.79	702.44	52.5%
90,000	673,200	1,414.35	2158.11	743.76	52.6%
95,000	710,600	1,490.35	2275.43	785.08	52.7%
100,000	748,000	1,566.35	2392.75	826.40	52.8%

Avg. Consumption

PRESENT RATES

Base Charge

Per Customer \$46.35 *

Commodity Charge (per cf)

All Consumption \$0.0152

PROPOSED RATES

Base Charge

Per Customer \$46.35 *

Commodity Charge (per cf)

All Consumption \$0.0235

* Commercial base rate varies by customer. An average base rate was used for the bill comparison.

**Rancho Murieta CSD 2014
Metered Irrigation Bill Comparison
Monthly Proposed Rate Schedule - Stage 2**

Present \$116,172
Adjustment 0.0%
Target \$116,172

PROPOSED RATES

Base Charge

	No. of Cust.	Rate	Revenue
Total Irrigation Customers	40	"varies"	\$22,689
CSD and Park	4	\$37.17	\$1,784
	-----		-----
	44		\$24,473

Commodity Charge

	Consump. (cf)	Rate	Revenue	Conservation
All Consumption	4,826,240	\$0.0305	\$147,216	20%
	-----		-----	-----
	4,826,240		\$147,216	20.0%
		Total	\$171,689	
		Target	\$116,172	
		Difference	\$55,517	47.8%

Ave. Monthly Consump. 9,141

NOTE: Metered irrigation consumption rate set equal to residential irrigation (block 3).

**Rancho Murieta CSD
Metered Irrigation Bill Comparison
Monthly Proposed Rate Schedule - Stage 2**

Monthly Use/CF	Monthly Use/Gal	Water Rates (Consumption Only)			
		Present Rates	Proposed Rates	Difference	
				Amount	Percent
0	0	\$46.35	\$46.35	\$0.00	0.0%
1,000	7,480	61.55	76.85	15.30	24.9%
3,000	22,440	91.95	137.86	45.91	49.9%
5,000	37,400	122.35	198.87	76.52	62.5%
7,000	52,360	152.75	259.87	107.12	70.1%
9,000	67,320	183.15	320.88	137.73	75.2%
11,000	82,280	213.55	381.89	168.33	78.8%
15,000	112,200	274.35	503.90	229.55	83.7%
20,000	149,600	350.35	656.41	306.06	87.4%
25,000	187,000	426.35	808.93	382.58	89.7%
30,000	224,400	502.35	961.45	459.09	91.4%
35,000	261,800	578.35	1113.96	535.61	92.6%
40,000	299,200	654.35	1266.48	612.13	93.5%
45,000	336,600	730.35	1418.99	688.64	94.3%
50,000	374,000	806.35	1571.51	765.16	94.9%
55,000	411,400	882.35	1724.03	841.67	95.4%
60,000	448,800	958.35	1876.54	918.19	95.8%
65,000	486,200	1,034.35	2029.06	994.71	96.2%
70,000	523,600	1,110.35	2181.57	1,071.22	96.5%
75,000	561,000	1,186.35	2334.09	1,147.74	96.7%
80,000	598,400	1,262.35	2486.60	1,224.25	97.0%
85,000	635,800	1,338.35	2639.12	1,300.77	97.2%
90,000	673,200	1,414.35	2791.64	1,377.28	97.4%
95,000	710,600	1,490.35	2944.15	1,453.80	97.5%
100,000	748,000	1,566.35	3096.67	1,530.32	97.7%

Avg. Consumption

PRESENT RATES

Base Charge

Per Customer \$46.35 *

Commodity Charge (per cf)

All Consumption \$0.0152

PROPOSED RATES

Base Charge

Per Customer \$46.35 *

Commodity Charge (per cf)

All Consumption \$0.0305

* Commercial base rate varies by customer. An average base rate was used for the bill comparison.

**Rancho Murieta CSD 2014
Metered Irrigation Bill Comparison
Monthly Proposed Rate Schedule - Stage 3**

Present \$116,172
Adjustment 0.0%
Target \$116,172

PROPOSED RATES

Base Charge

	No. of Cust.	Rate	Revenue
Total Irrigation Customers	40	"varies"	\$22,689
CSD and Park	4	\$37.17	\$1,784
	-----		-----
	44		\$24,473

Commodity Charge

	Consump. (cf)	Rate	Revenue	Conservation
All Consumption	3,016,400	\$0.0493	\$148,631	50%
	-----		-----	-----
	3,016,400		\$148,631	50.0%
		Total	\$173,105	
		Target	\$116,172	
		Difference	\$56,933	49.0%

Ave. Monthly Consump. 5,713

NOTE: Metered irrigation consumption rate set equal to residential irrigation (block 3).

**Rancho Murieta CSD
Metered Irrigation Bill Comparison
Monthly Proposed Rate Schedule - Stage 3**

Monthly Use/CF	Monthly Use/Gal	Water Rates (Consumption Only)			
		Present Rates	Proposed Rates	Difference	
				Amount	Percent
0	0	\$46.35	\$46.35	\$0.00	0.0%
1,000	7,480	61.55	95.63	34.07	55.4%
3,000	22,440	91.95	194.17	102.22	111.2%
5,000	37,400	122.35	292.72	170.37	139.2%
7,000	52,360	152.75	391.27	238.52	156.1%
9,000	67,320	183.15	489.82	306.67	167.4%
11,000	82,280	213.55	588.37	374.82	175.5%
15,000	112,200	274.35	785.47	511.12	186.3%
20,000	149,600	350.35	1031.84	681.49	194.5%
25,000	187,000	426.35	1278.21	851.86	199.8%
30,000	224,400	502.35	1524.58	1,022.23	203.5%
35,000	261,800	578.35	1770.95	1,192.60	206.2%
40,000	299,200	654.35	2017.32	1,362.97	208.3%
45,000	336,600	730.35	2263.70	1,533.35	209.9%
50,000	374,000	806.35	2510.07	1,703.72	211.3%
55,000	411,400	882.35	2756.44	1,874.09	212.4%
60,000	448,800	958.35	3002.81	2,044.46	213.3%
65,000	486,200	1,034.35	3249.18	2,214.83	214.1%
70,000	523,600	1,110.35	3495.56	2,385.20	214.8%
75,000	561,000	1,186.35	3741.93	2,555.58	215.4%
80,000	598,400	1,262.35	3988.30	2,725.95	215.9%
85,000	635,800	1,338.35	4234.67	2,896.32	216.4%
90,000	673,200	1,414.35	4481.04	3,066.69	216.8%
95,000	710,600	1,490.35	4727.41	3,237.06	217.2%
100,000	748,000	1,566.35	4973.79	3,407.43	217.5%

Avg. Consumption

PRESENT RATES

Base Charge

Per Customer \$46.35 *

Commodity Charge (per cf)

All Consumption \$0.0152

PROPOSED RATES

Base Charge

Per Customer \$46.35 *

Commodity Charge (per cf)

All Consumption \$0.0493

* Commercial base rate varies by customer. An average base rate was used for the bill comparison.

**Rancho Murieta CSD 2014
Metered Irrigation Bill Comparison
Monthly Proposed Rate Schedule - Stage 4**

Present \$116,172
Adjustment 0.0%
Target \$116,172

PROPOSED RATES

Base Charge

	No. of Cust.	Rate	Revenue
Total Irrigation Customers	40	"varies"	\$22,689
CSD and Park	4	\$37.17	\$1,784
	-----		-----
	44		\$24,473

Commodity Charge

	Consump. (cf)	Rate	Revenue	Conservation
All Consumption	1,508,200	\$0.1056	\$159,248	75%
	-----		-----	-----
	1,508,200		\$159,248	75.0%
		Total	\$183,721	
		Target	\$116,172	
		Difference	\$67,549	58.1%

Ave. Monthly Consump. 2,856

NOTE: Metered irrigation consumption rate set equal to residential irrigation (block 3).

**Rancho Murieta CSD
Metered Irrigation Bill Comparison
Monthly Proposed Rate Schedule - Stage 4**

Monthly Use/CF	Monthly Use/Gal	Water Rates (Consumption Only)			
		Present Rates	Proposed Rates	Difference	
				Amount	Percent
0	0	\$46.35	\$46.35	\$0.00	0.0%
1,000	7,480	61.55	151.94	90.39	146.9%
3,000	22,440	91.95	363.11	271.16	294.9%
5,000	37,400	122.35	574.29	451.94	369.4%
7,000	52,360	152.75	785.47	632.72	414.2%
9,000	67,320	183.15	996.64	813.49	444.2%
11,000	82,280	213.55	1207.82	994.27	465.6%
15,000	112,200	274.35	1630.17	1,355.82	494.2%
20,000	149,600	350.35	2158.11	1,807.76	516.0%
25,000	187,000	426.35	2686.05	2,259.70	530.0%
30,000	224,400	502.35	3213.99	2,711.64	539.8%
35,000	261,800	578.35	3741.93	3,163.58	547.0%
40,000	299,200	654.35	4269.87	3,615.52	552.5%
45,000	336,600	730.35	4797.81	4,067.45	556.9%
50,000	374,000	806.35	5325.75	4,519.39	560.5%
55,000	411,400	882.35	5853.68	4,971.33	563.4%
60,000	448,800	958.35	6381.62	5,423.27	565.9%
65,000	486,200	1,034.35	6909.56	5,875.21	568.0%
70,000	523,600	1,110.35	7437.50	6,327.15	569.8%
75,000	561,000	1,186.35	7965.44	6,779.09	571.4%
80,000	598,400	1,262.35	8493.38	7,231.03	572.8%
85,000	635,800	1,338.35	9021.32	7,682.97	574.1%
90,000	673,200	1,414.35	9549.26	8,134.91	575.2%
95,000	710,600	1,490.35	10077.20	8,586.85	576.2%
100,000	748,000	1,566.35	10605.14	9,038.79	577.1%

Avg. Consumption

PRESENT RATES

Base Charge

Per Customer \$46.35 *

Commodity Charge (per cf)

All Consumption \$0.0152

PROPOSED RATES

Base Charge

Per Customer \$46.35 *

Commodity Charge (per cf)

All Consumption \$0.1056

* Commercial base rate varies by customer. An average base rate was used for the bill comparison.

SECURITY

YEAR IN REVIEW



PRESENTATION

By
Greg Remson
Security Chief

MEMORANDUM

Date: February 12, 2014
To: Board of Directors
From: Improvements Committee Staff
Subject: Approve Title 22 Engineering Report and Report of Waste Discharge, AECOM Contract Amendment 1

RECOMMENDED ACTION

Approve Title 22 Engineering Report and Report of Waste Discharge, Amendment 1, allocating the remaining fee for Title 22 Engineering Report and Report of Waste Discharge to permit negotiations and Rancho Murieta Country Club outreach, in an amount not to exceed \$35,120. Funding to come from the approved existing budget from Sewer Replacement Reserves.

BACKGROUND

AECOM successfully submitted the Title 22 Engineering Report and Report of Waste Discharge (ROWD) on schedule and below budget. AECOM recommends using the remaining budget, \$35,120, roughly one-third of the original budget, for Regional Water Quality Control Board (Regional Board), California Department of Public Health (CDPH) and CV-SALTS permit negotiations and Rancho Murieta Country Club (RMCC) outreach.

Recall, AECOM submitted the Master Reclamation Permit Report of Waste Discharge in December 2013. Given the permit is scheduled to be approved by December 2014, according to the Regional Board schedule, AECOM needs to be available to answer technical questions related to the ROWD as well as Title 22 Report and Recycled Water Standards. District staff will assist hand in hand in negotiations and answering questions with along with AECOM's efforts. AECOM will generally provide technical assistance. Please bear in mind, detailed technical analysis calculations is beyond this scope and will be negotiated separately.

As part of our joint use of existing RMCC facilities, AECOM and District staff will begin extensive outreach and education of RMCC Board and staff on our proposed efforts. AECOM and District staff began our initial outreach as part of our updated Recycled Water Feasibility Study last year. During the forthcoming year-long Regional Board approval process, it is important that RMCC and the District are on the same page as far as long term operation and permitting is involved. Accordingly, a new operating agreement and easement will be necessary to finalize joint use responsibilities.

The Improvements Committee recommends approval.

January 28, 2013

DRAFTEdward Crouse, P.E.
General Manager / District Engineer
Rancho Murieta Community Services District
15160 Jackson Road
P.O. Box 1050
Rancho Murieta, CA 95683**RE: Amendment No. 1
Title 22 Engineering Report and Report of Waste Discharge**

Dear Ed,

As you are aware, we have successfully submitted the Title 22 Engineering Report and Report of Waste Discharge on schedule and below budget. We recommend that the remaining budget (\$35,120) or roughly one third of the original budget (\$107,275) be allocated for permit negotiations and RMCC outreach, as described below:

Task 5 - Negotiations. AECOM shall schedule, attend, and facilitate biweekly conference call meetings to discuss the coordination efforts needed to support the adoption of future Waste Discharge Requirements (WDRs) and a Master Reclamation Permit (MRP). AECOM, at the direction of the District, shall communicate with RWQCB and CDPH staff to schedule and/or attend meetings, answer questions, develop additional material, etc. up to the amount allocated for this task of \$29,373.

Task 6. RMCC Coordination. Given the District's need for ongoing recycled water use at the golf courses, it is important that the Rancho Murieta Country Club (RMCC) understand the information, limitations, etc. which were described in the Report of Waste Discharge along with other requirements and conditions that may be imposed by the RWQCB or CDPH in the future. AECOM, at the request of the District, shall communicate, schedule and/or attend meetings, answer questions, develop presentation and/or outreach materials, up to the amount allocated for this task of \$5,747.

Task 7 – Env Permitting. AECOM must initiate some aspects of the work described in the CEQA Compliance proposal in order to maintain schedule. This task will serve as a placeholder for AECOM billings until the CEQA Compliance proposal has been approved by the Board of Directors. Charges will be moved from this project to the CEQA Compliance Project in the future (March 2014).

Table 1 shows the fees, by task, associated with the original contract. We have also provided a recommended allocation for Tasks 5 and 6 for your consideration.

Table 1. Original and Proposed Fee by Task

Task	Original Contract	Amended Contract
1 – Project Management	3,779	\$ 3,779
2 – Title 22 Engineer Report	45,320	\$ 33,237

3 – Report of Waste Discharge	58,176	\$ 24,976
4 – ODCs		\$ 10,164
5 – Negotiations		\$ 29,373
6 – RMCC Outreach		\$ 5,747
7 – Env Permitting		\$ -
Total	107,275	107,275

If this contract amendment is acceptable to you and your staff, please indicate your acceptance by signing below and sending this letter back to us at your earliest convenience. We look forward to continuing to work with the District towards obtaining a newly adopted WDR and MRP by the end of this year. If you have any questions or desire any additional information, please feel free to contact Kevin Kennedy at (916) 414-1641.

Sincerely,



Kevin Kennedy, P.E.
Senior Project Manager

Edward R. Crouse
General Manager/District Engineer
Rancho Murieta Community Services District

MEMORANDUM

Date: February 12, 2014
To: Board of Directors
From: Improvements Committee Staff
Subject: Approve AECOM Proposal for Master Reclamation Permit CEQA Compliance

RECOMMENDED ACTION

Approve the proposal from AECOM for CEQA compliance for the new Master Reclamation Permit, in an amount not to exceed \$88,258.00. Funding to come from Sewer Replacement Reserves.

BACKGROUND

The District is proposing to consolidate existing Rancho Murieta Community Services District (District) and Rancho Murieta Country Club (RMCC) Waste Discharge Requirements into a renewed Waste Discharge Requirement for a new District Master Reclamation Permit (MRP) to cover the use of recycled water within and adjacent to the District's service area. The proposed project would include improvements to recycled water system facilities that would be implemented in two (2) phases planned to correspond with residential development.

Phase 1 Recycled Water System Improvements include only those improvements necessary to serve the 670 Group developments.

Phase 2 Recycled Water System Improvements include facilities that will serve the remaining undeveloped properties.

The CEQA compliance efforts also include the analysis of recycled water for irrigation in those reuse areas.

While the scope and fee appear exhaustive, the effort allows for future projects to move forward smartly as their CEQA compliance will have already been completed. As for the proposed fee, all the projects are included under one umbrella effort so there are economies of scale in relation to individual CEQA documents for individual projects.

The Improvements Committee recommends approval.

February 3, 2014

Edward Crouse, P.E.
General Manager / District Engineer
Rancho Murieta Community Services District
15160 Jackson Road
P.O. Box 1050
Rancho Murieta, CA 95683

**RE: CEQA Compliance Proposal
Rancho Murieta Community Services District**

Dear Ed,

AECOM is pleased to provide the Rancho Murieta Community Services District (District) with this CEQA compliance proposal for your review and consideration. Attached you will find our proposed work plan, schedule, and cost which is based on preparing an Initial Study/Mitigated Negative Declaration (IS/MND) to support the District's desire to consolidate Waste Discharge Requirements (WDRs) R5-01-124 and WDR R5-2007-0109 into a renewed WDR for the District's Wastewater Reclamation Plant and a new Master Reclamation Permit (MRP) to cover specific recycled water uses within and adjacent to the District's service area.

Regional Board staff have recently indicated the need to have the IS/MND Notice of Determination completed by mid-July in order for the Regional Board to consider the District's WDR/MRP request at the October Regional Board meeting. In order to meet this timeline, we have initiated work and are billing our costs against the Title 22 Engineering Report and Report of Waste Discharge Contract as described in Amendment No. 1. The total estimated fee for this project is \$88,258.

We look forward to assisting you with this assignment. If you have any questions or desire any additional information, please feel free to contact Kevin Kennedy at (916) 414-1641.

Sincerely,



Kevin Kennedy, P.E.
Senior Project Manager



Andrea Shephard, Ph.D.
CEQA Task Leader

Attachments

CEQA Compliance Work Plan, Schedule, and Cost

CEQA COMPLIANCE

WORK PLAN, SCHEDULE, AND COST

The work plan that follows is based on AECOM's understanding of the proposed project as summarized below.

PROJECT UNDERSTANDING

The Rancho Murieta Community Services District (District) is proposing to consolidate Waste Discharge Requirements (WDR) R5-01-124 and WDR R5-2007-0109 into a renewed Waste Discharge Requirement for the District's Wastewater Reclamation Plant (WWRP) and a new Master Reclamation Permit (MRP) to cover the use of recycled water within and adjacent to the District's service area.

The proposed project would include improvements to recycled water system facilities that would be implemented in two phases planned to correspond with residential development.

The Phase 1 recycled water system improvements would be contiguous with the assumed occupancy timeline for the Retreats, Murieta Gardens, Lakeview, and Residences of Murieta Hills developments of 2016 through 2019 and would include the following elements:

- (1) upgrading the existing disinfection system at the Wastewater Reclamation Plant (WWRP) by installing a chlorine contact basin in the existing equalization basin and increasing the rated capacity to 3.0 MGD in accordance with Title 22 requirements;
- (2) reconfiguring an existing pumping station at the North Golf Course to serve the Van Vleck Ranch and constructing a new pump station to serve the North Golf Course;
- (3) installing approximately 11,640 linear feet of new transmission main and 1,950 linear feet of service pipeline;
- (4) refurbishing an existing water tank, constructing a new water tank to provide 400,000 gallons of recycled water storage, and installing a new pumping station; and
- (5) Expanding reuse of reclaimed water to include residential landscaping in the communities listed above.

The Phase 2 recycled water system improvements would be contiguous with the assumed occupancy timeline for the Escuela, Apartments, Industrial/Commercial/Residential, Terrace, Highlands, and River Canyon developments of 2020 through 2026. This phase would include the following elements:

- (1) Constructing 240 AF of additional seasonal storage at the existing WWRP;
- (2) Installing 560 linear feet of new service pipeline and 260 linear feet of new transmission main;
- (3) Installing 500,000 gallons of new recycled water storage and a new pumping station; and
- (4) Expanding reuse of reclaimed water to include residential landscaping in the communities listed above.

It is AECOM's understanding that information on the design and construction of the distribution systems within the individual residential developments is not available and will be the responsibility of the developers.

WORK PLAN

Based on our project understanding, AECOM assumes that avoidance or mitigation of all significant environmental effects is possible, and that an EIR is not required and an IS/MND is the appropriate CEQA compliance document.

The work to be performed is described in detail, by task, below.

TASK 1. INITIATE AND MANAGE CEQA COMPLIANCE EFFORT

Client Kickoff Meeting. AECOM will conduct a kickoff meeting with District staff before beginning work on the IS/MND. Subjects for review and discussion at this meeting are expected to include, but not be limited to:

- establishing and confirming the budget, schedule, and communication protocols;
- defining the project objectives;
- identifying/confirming existing sources of information and key contacts; and
- identifying key resource issues known to be of concern to agencies, interest groups, and/or the public and agreeing on the level of analysis anticipated.

It is assumed that at the client kickoff meeting, the District will provide AECOM with all available studies and reports that may address the need for and objectives of the proposed project, or will provide information about the project location and/or facilities, including, but not limited to, environmental compliance documents recently prepared for the water treatment plant expansion and the WWRP as-built plans and topographical survey data for the project area. If additional data is required from the District, a memo detailing data needs will be prepared and submitted.

For the purposes of this work plan, AECOM assumes that the client kickoff meeting will be at the District's office in Rancho Murieta, CA; it will be attended by the AECOM CEQA task leader and the project manager; and the meeting will be a 2-hour meeting with an additional 1 hour for preparation and 1 hour for compilation of meeting notes and action items.

Task Management. AECOM will manage and coordinate its work efforts with the District and project team members, and will provide ongoing and specific strategic guidance on compliance with CEQA. AECOM will communicate regularly with the District and project team members through e-mail and phone calls during the project to ensure compliance with the scope of work, schedule, and budget.

DELIVERABLES:

1. One (1) electronic copy of the kickoff meeting notes
2. One (1) electronic copy of a memo summarizing additional data needs, if necessary
3. Monthly progress report memoranda

MEETINGS:

1. One (1) meeting to be attended by the AECOM CEQA task leader and project manager

TASK 2. PREPARE PROJECT DESCRIPTION

Following the project kickoff meeting with the District (see CEQA Task 1), AECOM will prepare the IS/MND introduction and project description. The project description will include the following components:

- A thorough and complete description of the proposed project, including a list of potential permitting actions and other required regulatory approvals;
- The regional and local setting, including the project location shown on a map;
- The project background, context, and history;
- The project characteristics, including on- and off-site components; infrastructure support required to serve the project; timing; construction and operational characteristics; and any other information relevant to an understanding of the project;
- Construction methods, including the number and types of construction equipment, staging and borrow areas, schedule, personnel, and phasing; and
- Project design features intended to avoid, eliminate, minimize, or reduce potential environmental impacts.

The project description will not include a description of the design or construction of the distribution systems that would serve the individual residential developments. AECOM will address the impacts of including these areas as places of use in the MRP at a programmatic level. It is assumed that the impacts associated with construction and operation of the community distribution systems will be addressed in later CEQA documents.

To maximize efficiency, AECOM assumes that the project description will be reviewed and approved by the District before the environmental impact analysis is initiated, and no changes to the approved project description will occur. It is also assumed that all staging and construction activities associated with the new pipelines and transmission mains will occur within existing road right-of-ways, that the identification of access roads and any other ground disturbance areas involved in constructing Phase 1 and 2 will be available prior to completion of the project description, and that average daily traffic volumes for roadways that would be affected are available from Sacramento County.

For the purposes of this work plan, it is assumed that the CEQA task leader will attend one meeting in Rancho Murieta with District staff, as well as affected regulatory agencies with jurisdiction over the proposed project if desired, to discuss and identify project issues to be addressed in the CEQA document. This meeting is assumed to be 2 hours with an additional 1 hour for preparation and 1 hour for compilation of meeting notes and action items.

DELIVERABLES:

1. One (1) electronic copy each of the draft and final project description

MEETINGS:

1. One (1) meeting to be attended by the AECOM CEQA task leader

TASK 3. CONDUCT PRE-FIELD RESEARCH AND FIELD RECONNAISSANCE SURVEYS

To the extent possible, AECOM will rely on existing environmental analyses and reports, and on records searches where appropriate to complete the evaluation of impacts to environmental resources. Field studies will also be conducted to provide the additional information necessary to complete the impact analyses.

The information below summarizes the pre-field research and field studies that will be needed to support the IS analysis.

Biological Resources. AECOM biologists will conduct a 1-day reconnaissance-level field survey of the project site to evaluate the existing biological resources and map sensitive habitats. Before the field survey, existing documentation pertinent to the biological resources on the project site will be compiled and reviewed. This effort will involve reviewing (1) the California Department of Fish and Wildlife's California Natural Diversity Database for information regarding sensitive species potentially occurring on the site; (2) the California Native Plant Society's Inventory of Rare and Endangered Vascular Plants for information on special-status plants; (3) existing environmental documents for proposed developments in the District that address biological resources in the project area; and (4) other pertinent biological reports, if available.

Habitat types, including sensitive habitats, occurring on the project site will be characterized and their locations and extent will be mapped onto aerial photographs. Special-status species identified on the project site will also be documented. The potential of the site to support additional special-status species that may not be identifiable at the time of the reconnaissance-level field survey will be evaluated. Potential jurisdictional wetlands will be mapped at a constraints level using Global Positioning System (GPS) units and described based on vegetation, hydrology, and other readily identifiable wetland indicators. For CEQA purposes, AECOM will assume that potential wetlands mapped on the project site may be jurisdictional under Sections 404 and 401 of the Clean Water Act. This scope of work does not include a wetland delineation, tree inventory, or protocol-level special-status species surveys to support permitting efforts, although these and other permitting services can be provided for an additional fee.

AECOM biologists will prepare a biological resources analysis for the IS based on the pre-field research and reconnaissance surveys. This section of the IS will discuss potential impacts on biological resources and will identify appropriate mitigation measures to reduce these impacts to a less-than-significant level.

Cultural Resources. AECOM will conduct pre-field research, Native American consultation, and a cultural resources field survey to evaluate potential impacts on cultural resources. Pre-field research will include documentary research through a number of relevant state and regional agencies, organizations, and societies to determine if any previously documented cultural resources are present within and in the

immediate vicinity of the study area. This initial cultural resources investigation will include a review of previous archaeological survey and excavation reports, archaeological site records, and formal property listings on file at the North Central Information Center (NCIC) of the California Historical Resources Information System. The collection of existing information on archaeological surveys, excavations, and site records, and mapped historical data for the project area may be supplemented with additional research. This research may include contacting local historical organizations in an effort to determine if cultural resources not formally recorded are present within the project site.

AECOM will also initiate contact with the Native American Heritage Commission (NAHC) to request a search of the Sacred Lands Files and a list of suitable Native American tribal representatives from the region. AECOM will contact each individual/group on the list with a letter and follow-up phone calls if necessary to solicit any information or concerns that they might have regarding the project area.

Guided by the results of the pre-field efforts, AECOM archaeologists will conduct a field survey of the project site. The purpose of this survey will be to familiarize AECOM cultural resource specialists with the nature and extent of the project site, and the locations of any previously documented cultural resources. It is assumed that the field survey for cultural resources can be completed in 1 day by an AECOM staff archaeologist.

Upon completion of the pre-field research and field survey, AECOM will prepare a stand-alone cultural resources technical report. A draft of the cultural resources report will be provided electronically in MS Word format to the District for review and approval. Following receipt of comments and approval, this document will be finalized and one (1) electronic copy in PDF format along with six (6) copies will be transmitted to the District. The report will be referenced in the IS/MND and information from the report will be incorporated into the document as appropriate. The report is also intended to support future permitting.

DELIVERABLES:

1. One (1) electronic copy of the draft cultural resources report
2. One (1) electronic copy and six (6) hard copies of the final cultural resources report

TASK 4. PREPARE ADMINISTRATIVE DRAFT INITIAL STUDY/MITIGATED NEGATIVE DECLARATION

AECOM will prepare an administrative draft IS/MND for the proposed project. The administrative draft IS/MND will be prepared using the Environmental Checklist in accordance with Appendix G of the State CEQA Guidelines. Consequently, the IS will cover aesthetics, agriculture and forestry resources, air quality, biological resources, cultural resources, geology and soils, GHG emissions, hazards and hazardous materials, hydrology and water quality, land use and planning, mineral resources, noise, population and housing, public services, recreation, transportation and traffic, utilities and service systems, and mandatory findings of significance (including cumulative impacts). AECOM expects that the IS analysis will focus primarily on construction-related impacts related to air quality and greenhouse

gas (GHG) emissions, loss or disturbance of sensitive species and habitat, soil erosion and runoff water quality and hydrology, noise, and traffic.

The IS/MND will include the following components:

- Notice of Intent to Adopt a Mitigation Negative Declaration (NOI)
- Mitigated Negative Declaration
- Initial Study

The IS will include the following required sections:

- Introduction
- Project Description
- Environmental Checklist
- References
- Distribution List
- Report Preparers
- Appendices

The administrative draft IS/MND will be submitted electronically to the District in MS Word format for review and comment.

DELIVERABLES:

1. One (1) electronic copy of the administrative draft IS/MND

TASK 5. PREPARE PUBLIC INITIAL STUDY/MITIGATED NEGATIVE DECLARATION

Screencheck Draft. After receiving the District's consolidated comments in electronic format, AECOM will meet with the District to discuss the comments, agree on needed revisions, and develop the distribution list for the public IS/MND. It is assumed that this meeting will be attended by AECOM's CEQA task leader and one AECOM technical team member, as appropriate. This meeting is assumed to be 2 hours, with an additional 1 hour for preparation and compilation of meeting notes and action items.

AECOM will make changes to the administrative draft IS/MND based on the District's comments and the conference call discussion, and will prepare a screencheck draft IS/MND. The screencheck draft IS/MND will be submitted electronically to the District in MS Word and print-ready PDF format for review and approval.

Public IS/MND. Upon approval of the screencheck draft IS/MND by the District, AECOM will incorporate final revisions and prepare the public IS/MND for printing and distribution for public review. For the purposes of this work plan, it is assumed that comments on the screencheck draft IS/MND will be minor and editorial in nature.

AECOM will print and deliver 15 hard copies of the final public IS/MND to the State Clearinghouse along with two copies of the required notice of completion (see Task 8). AECOM will also print and circulate up to 20 additional hard copies of the final public IS/MND to a distribution list sufficiently before District adoption of the IS/MND, and in accordance with State CEQA Guidelines Section 15072. (CEQA requires a 30-day public review period for IS/MNDs.) For budgeting purposes, AECOM has assumed that it will also prepare up to 20 CDs and provide these to the District in the event that other parties express interest in the document. Additionally, AECOM will provide the final public IS/MND electronically in Web-ready PDF format to the District for posting on its Web site.

DELIVERABLES:

1. One (1) electronic copy of the screencheck draft IS/MND
2. One (1) electronic copy, 35 hard copies and 20 CDs of the public IS/MND

MEETINGS:

1. One (1) meeting to be attended by the AECOM CEQA task leader and AECOM technical team members

TASK 6. PREPARE RESPONSES TO COMMENTS

The District is not required to provide formal responses to any comments received on the IS/MND, but it must “consider” such comments in its decision making. After the close of the public comment period and receipt of all comments, AECOM will review and meet with the District to discuss the comments received on the publicly circulated IS/MND. AECOM will then provide the District with one electronic draft of brief written responses to the comments for the District consideration, as required under CEQA. For budgeting purposes, AECOM assumes that 16 hours of technical time will be sufficient to address the comments appropriately.

It is assumed that the meeting to discuss the public comments will be attended by AECOM’s CEQA task leader and one AECOM technical team member, as appropriate. This meeting is assumed to be 2 hours, with an additional 1 hour for preparation and compilation of meeting notes and action items.

DELIVERABLES:

1. One (1) electronic copy of the responses to comments (if needed)

MEETINGS:

1. One (1) meeting to be attended by the AECOM CEQA task leader and one AECOM technical team members

TASK 7. PREPARE MITIGATION MONITORING AND REPORTING PLAN

For the purposes of this work plan, AECOM has assumed that all potentially significant impacts of the proposed project can be mitigated to a less-than-significant level and that an MND is the appropriate document for CEQA compliance. CEQA requires the preparation and adoption of a mitigation monitoring and reporting plan (MMRP) for an MND. AECOM will prepare a draft of the MMRP and submit an electronic version in MS Word format to the District for review along with the public IS/MND.

After the close of the public comment period and after meeting with the District to discuss the comments received, AECOM will incorporate revisions into the draft MMRP as appropriate. AECOM will submit the final MMRP electronically in MS Word and print-ready PDF format to the District with the responses to comments described in Task 6 above.

DELIVERABLES:

1. One (1) electronic copy of the draft MMRP
2. One (1) electronic copy of the final MMRP

TASK 8. PREPARE AND FILE REQUIRED CEQA NOTICES

AECOM will prepare an abbreviated version of the NOI for publication in one newspaper of general circulation in the project area (the Sacramento Bee) in accordance with CEQA Section 15072(b)(1). AECOM will also prepare a draft and final notice of completion (NOC), and a draft and final notice of determination (NOD) for the proposed project.

AECOM will submit a single electronic copy of the draft newspaper notice (in Word) and draft NOC (in PDF format) to the District with the screencheck draft IS/MND. After incorporating any comments received from the District on these notices, AECOM will prepare the final newspaper notice and NOC. Publication of the final newspaper notice will occur twice, once on the weekend and once during the week at the beginning of the review period. For the purposes of this work plan, AECOM assumes the publication fee will not exceed \$1,000. The final NOC will be filed with the State Clearinghouse along with 15 copies of the public IS/MND (see Task 5 above).

AECOM will prepare the draft NOD during the public comment period for the IS/MND and will submit it to the District for review with the draft MMRP (see Task 7 above). The final NOD will be submitted to the District with the responses to comments and final MMRP. Following adoption of the environmental documents and approval of the proposed project, AECOM will file the NOD with the Sacramento County clerk and the State Clearinghouse, and pay the required California Department of Fish and Wildlife filing fee and any associated Sacramento County administrative fees. For the purposes of this work plan, AECOM assumes that the filing and administrative fees will not exceed \$2,800.

DELIVERABLES:

1. One (1) electronic copy of the draft newspaper notice, NOC, and NOD

2. One (1) electronic copy of the final NOC and newspaper notice
3. Two (2) hard copies and one (1) electronic copy of the final NOC and NOD

TASK 9. ATTEND PUBLIC MEETING

The AECOM CEQA task leader will attend the District's public meeting for adoption of the proposed MND to address questions as needed. For the purposes of this work plan, AECOM assumes that the public meeting will be a 2-hour meeting held at the District office in Rancho Murieta, CA, and that AECOM's assistance with preparation of materials for the meeting and/or presentation of the CEQA process and findings at the meeting will require 6 hours. One electronic copy of the meeting materials/presentation will be provided to the District in PDF format and/or in MS Power Point prior to the public meeting.

DELIVERABLES:

1. One (1) electronic copy of meeting/presentation materials

MEETINGS:

1. One (1) public meeting to be attended by the AECOM CEQA task leader

PROJECT SCHEDULE

AECOM proposes to perform the proposed work plan in accordance with the following 6.5-month schedule. This schedule is based on the following assumptions:

- Authorization to proceed will be available in late January, 2014.
- All the District reviews will be completed in accordance with the schedule below.

Task Name	Duration	Start	Finish
Draft Project Description	3 weeks	1/27/2014	2/17/2014
Client Review and Approval	1 weeks	2/18/2014	2/24/2014
Pre-field Research and Reconnaissance Surveys	2 weeks	2/25/2014	3/10/2014
Admin Draft IS/MND	5 weeks	2/25/2014	3/31/14
Client Review and Approval	2 weeks	4/1/2014	4/14/2014
Screencheck Draft IS/MND	2 weeks	4/15/2014	4/28/2014
Client Review and Approval	2 weeks	4/29/2014	5/12/2014
IS/MND Distribution	3 days	5/13/2014	5/15/2014
Public Review Period	30 days	5/16/2014	6/16/2014
Receive Public Comments	2 days	6/17/2014	6/30/2014
Responses to Comments and Final MMRP	2 wks	7/1/2014	7/14/2014

IS/MND Adoption and Project Approval	1 day	7/15/2014	7/15/2014
Notice of Determination	1 day	7/16/2014	7/16/2014

ASSUMPTIONS

This Scope of Work and Cost Estimate are based on the following assumptions:

1. Any and all assumptions defined above under each task or subtask.
2. An IS/MND is assumed to be the appropriate CEQA compliance document. If additional environmental documents (i.e., EIR, EA, EIS) are required, additional tasks, processing, and costs not part of this scope of work would be required.
3. It is assumed that no new archaeological sites will be encountered during field surveys. If any are encountered, the resource will be recorded in a manner consistent with the Secretary of the Interior's Standards and Guidelines for Identification of Cultural Resources (48CFR 44720-23), and preparation of California Department of Parks and Recreation (DPR) Series 523 forms, along with appropriate supporting forms (e.g., Archaeological Site Record, Linear Feature Record, Site Sketch Map, Location Map). If new archaeological sites are identified, additional tasks, processing, and costs not part of this scope of work may be required.
4. This task order does not include NEPA compliance, permitting, construction monitoring, or mitigation implementation that may be required. It only covers CEQA compliance.
5. If changes to the work program are required after the Project Description is finalized based on meetings with the District, project team members, responsible agencies, permitting agencies, and/or public comments on the IS/MND, an amended task order and budget augmentation may be required (environmental analysis will not be initiated until the Project Description is finalized).
6. The District or its representative will arrange all necessary rights of entry.

COST:

The total estimated fee to perform the services described in this scope of work for is \$88,258.

MEMORANDUM

Date: February 12, 2014
To: Board of Directors
From: Improvements Committee Staff
Subject: Approve AECOM Proposal for Updating District Standard Construction Specifications

RECOMMENDED ACTION

Approve the proposal from AECOM for updating the District's Standard Construction Specifications (May 1, 1993) in an amount not to exceed \$61,930. Funding to come from Water, Sewer and Drainage Operating Budgets.

BACKGROUND

The attached proposal is for AECOM to update the District's Standard Construction Specifications, dated May 1, 1993, to reflect Sacramento County's most current standards as well as other requirements recommended by staff.

Our construction standard specifications will be provided to contractors, either in paper or electronic format, for guidance on construction of sewer, water, drainage, and recycled water improvements within the district. District utility staff will provide field inspections to insure compliance with our specifications.

Sacramento County is responsible for inspection of grading and road work. Rancho Murieta Association (RMA) and the County inspect pavement installation.

The front end bidding and contract documents, particularly the general conditions, will be provided by Jonathan Hobbs, District General Counsel. Staff will edit and revise accordingly to address the specific requirements of the District.

Improvements Committee recommends approval.

January 28, 2014

Edward Crouse, P.E.
General Manager / District Engineer
Rancho Murieta Community Services District
15160 Jackson Road
P.O. Box 1050
Rancho Murieta, CA 95683

**RE: Proposal for the Updating District Standard Construction Specifications
Rancho Murieta Community Services District**

Dear Ed,

AECOM is pleased to provide the Rancho Murieta Community Services District (District) with this proposal to update the District's Standard Construction Specifications dated May 1, 1993, (Standards) to reflect Sacramento County's most current standards as well as other requirements and data that the District would like incorporated into this document (e.g., recycled water standards and sewer flow rate). The following is AECOM's proposed scope of work for updating the Standards.

SCOPE OF WORK

Task 1. Project Management and Meetings

AECOM will schedule, facilitate, and meet with District staff to conduct the project kick-off meeting and obtain feedback and direction from District staff (conference calls and one meeting). A total of three (3) meetings is assumed for estimating the level of effort associated with this particular task.

***Deliverables:** Meeting agenda and minutes for up to three (3) meetings.*

***Assumptions:** For budgeting purposes, AECOM has assumed that the project duration will be no more than 3 months (March, April, and May) and that conference calls, at the most, would be held every other week.*

Task 2. District Standards

The existing Standards are comprised of four separate sections – general specifications, standard form specification, standard specifications, and standard details. AECOM will update/revise these sections as described below:

- **General Specifications.** GS-1 to GS-11 to be replaced/updated with a document to be provided by the District.
- **Standard Forms Specifications.** To be replaced/updated with a document to be provided by the District.
- **Standard Specifications.** SS-1 to SS-127 to be modified where appropriate based on District input and AECOM experience/recommendations or replacement with Sections 11 to 50 of the County of Sacramento MSA Standard Construction Specifications.
- **Standard Details (139).** To be replaced/updated with the Standard Details contained in the County of Sacramento MSA Standard Construction. For budgeting purposes, AECOM has

included an allowance for the developed of 10 additional standard details (existing 129 + 10 additional = 139 total).

AECOM is to incorporate the District's Recycled Water Standards into the District's Standards along with a unit sewage flow factor. In addition, the following modifications shall be made to the Sacramento County standard specifications and details:

- Allow HDPE drainage piping in some cases.
- Do not allow vitreous clay or corrugated metal pipe.
- Drain inlets initially located in unimproved areas are to be equipped with silt catches.

The updated Standards will be submitted to the District as an Administrative Draft for review and comment. AECOM will modify the Standards by addressing and incorporating District review comments and submitting it back to the District as a Draft for consideration one week prior to the May Improvements Committee Meeting. AECOM will modify will modify the Standards by addressing and incorporating District review comments and submitting it back to the District as a Final for consideration for adoption to the May Board Meeting.

Deliverables: *Five (5) bound hardcopies and one (1) electronic copy (in PDF and Microsoft Word format) of the Administrative Draft, Draft, and Final Standard Construction Specifications.*

Assumptions: *For budgeting purposes AECOM has assumed 0.5 and 1.75 hours per standard detail for engineering and CADD time and a total of 139 standard details (not including the recycled water standards).*

SCHEDULE

AECOM proposes the following milestones:

- Notice to Proceed: February 28, 2014
- Kick-Off Meeting:
 - Week of March 3, 2014 District Office
- Standard Construction Specifications (Administrative Draft):
 - April 14 2014 AECOM Submittal
 - Week of April 21, 2014 District and AECOM Review Meeting
- Standard Construction Specifications (Draft):
 - April 30, 2014 AECOM Submittal
 - Week of May 5, 2014 District and AECOM Review Meeting
- Standard Construction Specifications (Final):
 - May 16 2014 AECOM Submittal
 - May Board Meeting Board Adoption

PROPOSED FEE

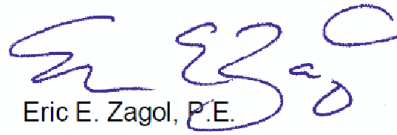
Our proposed fee for this project is \$61,930 and is detailed in the attached Table 1 - Estimated Work Effort and Cost. We propose to conduct this project on a time and material basis. Our standard rate sheet for 2014 is also attached for your reference.

We look forward to assisting you with this assignment and are available to start upon receipt of Notice to Proceed. If you have any questions or desire any additional information, please feel free to contact Kevin Kennedy at (916) 414-1641.

Sincerely,



Kevin Kennedy, P.E.
Senior Project Manager



Eric E. Zagol, P.E.
District Manager, Northern California

Attachments

Table 1 – Estimated Level of Effort
2014 Standard Rate Sheet

Table 1 - Estimated Work Effort and Cost

District Standards

Rancho Murieta Community Services District

Task No.	Task Description	QA/QC	Project Manager	CADD Supervisor	CADD Operator	Clerical	AECOM Labor Hours	Total		Total Cost (\$)
								Labor (\$)	Expenses (\$)	
1	Project Management		12				12	\$ 2,580	\$ 206	\$ 2,786
2	District Standards	2	94	122	122	12	349	\$ 53,005	\$ 4,241	\$ 57,246
	Meeting Attendance		8				8	\$ 1,720	\$ 178	\$ 1,898
COLUMN TOTALS		2	114	122	122	12	369	\$ 57,305	\$ 4,625	\$ 61,930

TOTAL COST	\$ 61,930
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Sacramento Office
 Fees for Professional Services
 Hourly Rate Schedule
 Effective January 1, 2014

CLASSIFICATION	RATE
Engineering	
Officer.....	\$225.00 - \$300.00 per hour
Principal	\$190.00 - \$220.00 per hour
Senior II.....	\$175.00 - \$220.00 per hour
Senior I.....	\$150.00 - \$170.00 per hour
Associate.....	\$130.00 - \$145.00 per hour
Assistant.....	\$110.00 - \$125.00per hour
Engineering Technician.....	\$ 75.00 - \$100.00 per hour
Technical Support Staff	
Design CADD Supervisor.....	\$140.00 per hour
Design CADD Operator.....	\$120.00 per hour
CADD Operator/Drafter.....	\$110.00 per hour
Clerical/General Office.....	\$ 70.00 per hour
General Project Expenses	8% of Labor Fee
Includes mail, telephone, cell phones, fax, office photocopies, office printing, office plotting, personal computer use, and miscellaneous mileage, and meals (except as noted)	
Direct Project Expenses	
Off-Site Printing and Blueprinting	Actual cost + 15%
Travel (other than automobile)	Actual cost + 15%
Lodging	Actual cost + 15%
Materials Testing and In-Plant Inspection.....	Actual cost + 15%
Aerial Photogrammetry Service and Surveys	Actual cost + 15%
Soils Investigation and Field Tests	Actual cost + 15%
Subconsultant Services.....	Actual cost + 15%

It is understood and agreed that these rates and charges include normal equipment and materials used in connection with the production of the required engineering and/or architectural services. If authorized by the client, an overtime premium multiplier of 1.5 will be applied to the direct wage cost of hourly personnel who work overtime in order to meet a deadline which cannot be met during normal hours. Applicable sales taxes, if any, will be added to these rates.

AECOM will typically furnish monthly billings for all services rendered and supplies furnished in accordance with the above compensation provisions. Payments shall be due and payable to AECOM upon presentation. A late payment finance charge of 1.5 percent per month (but not exceeding the maximum rate allowable by law) will be applied to any unpaid balance commencing thirty (30) days after the date of the original invoice.

Fee schedule is subject to general revision. New equipment categories and charges may be added or revised from time to time.

MEMORANDUM

Date: February 12, 2014
To: Board of Directors
From: Improvements Committee Staff
Subject: Approve Proposal for Quarterly and Annual Groundwater Monitoring Reports

RECOMMENDED ACTION

Approve the proposal from The Westmark Group for the 2014 quarterly and annual Groundwater Monitoring Report and services, in an amount not to exceed \$14,850.00. Funding to come from the Sewer Operating Budget.

BACKGROUND

Attached is a proposal from The Westmark Group to provide the engineering services for generating the 2014 Quarterly Groundwater reports and 2014 annual report as required by the Regional Water Quality Control Board Monitoring and Reporting Plan 5-01-124. As stated within, *"As required by the California Business and Professions Code Sections 6735, 7835, and 7835.1, all Groundwater Monitoring Report shall be prepared under the direct supervision of a registered Professional Engineer or Geologist and signed by the registered professional."* This was a ten percent (10%) reduction in the cost from the 2009 proposal and has been kept the same from 2010 through 2014.

Westmark Group engineering staff has been providing groundwater reporting services for the District since 2006 without fault or delay. Their proposal is attached.

The Improvements Committee recommends approval.



Additional Work Authorization

January 2, 2014

Proj Manager: Rob Kull, P.E.

For: Mr. Paul Siebensohn
Rancho Murieta Community Services District
15160 Jackson Road, P.O. Box 1050
Rancho Murieta, CA 95683

tel (916) 378-354-3700
fax (916) 354-2082

From: Rob Kull, P.E.
Subject: 2014 RMCS D Groundwater Monitoring Quarterly Reporting

RMCS D Groundwater Reporting for 2014 (1st Quarter, 2nd Quarter, 3rd Quarter and 4th Quarter/Annual and Project Management/Coordination) in accordance with the Revised M&RP No. 5-01-124. Please note this cost has not increased from 2010 (and was decreased 10% from the 2008 and 2009 reporting costs).

Fee for Work: \$ 14,850

Contract type for this work is: Fixed Fee

Estimated Start Date: 1/1/2014 Estimated End Date: 2/1/2015

STANDARD TERMS AND CONDITIONS

Upon acceptance by the Client, all of the provisions set forth above will combine with the General Terms and Conditions (same terms and conditions as presented in 2011) to comprise a single, integrated contract (the "Agreement") between the Client (RMCS D) and Westmark, provided that the terms and conditions set forth hereinabove will control over any contrary provision of the General Terms and Conditions. The Client may sign the enclosed General Terms and Conditions for the purposes of identifying it with this Proposal/Agreement. However, the Client's failure to sign or return a copy of the General Terms and Conditions will not negate or otherwise affect the Client's acceptance of the Agreement in the manner provided below or the incorporation of the General Terms and Conditions into the Agreement as provided above.

ACCEPTANCE

This contains the entire Agreement between the parties with respect to the work to be performed there under and supersedes all other agreements with respect thereto. No representation or warranty with respect to such work shall be valid or binding unless set forth in the Agreement.

By signature below, Westmark offers to the Client the Agreement as described above. The Client may accept Westmark's offer by signing in the space provided below and returning a signed copy hereof to Westmark. First notification may be given by electronic transmission if a hard copy follows in a timely fashion.

Additional Work Authorization

January 2, 2014

Proj Manager: Rob Kull, P.E.

I hereby authorize The Westmark Group, Inc. to provide services in accordance with the above specifications.

DATE _____ Authorizing Signature (Client) _____

We hereby agree to furnish professional services in accordance with the above specifications, at the above stated price.

DATE 1/2/14 Authorizing Signature (The Westmark Group) Rob Kull

License/Registration Number and Expiration: C55037, Exp Jun 30, 2014

MEMORANDUM

Date: February 12, 2014
To: Board of Directors
From: Improvements Committee Staff
Subject: Approve Proposal from Dunn Environmental, Inc., for Production Well Construction

RECOMMENDED ACTION

Approve the proposal from Dunn Environmental, Inc., for production well construction, in an amount not to exceed \$135,507. Funding to come from Water Supply Augmentation Reserves.

BACKGROUND

The attached proposal is for construction of the production well(s). The scope of services includes site location survey, 30% site electrical plans, SMUD permit application, flood considerations, a drinking water source assessment and pre-specification plans for three (3) well locations. Completion of the SMUD application is estimated within two (2) weeks, with the entire project being completed within six (6) months to have the wells on line by September 1, 2014.

The estimated fee details spreadsheet is also attached. There is the possibility of a fee reduction based on the number of wells specified, constructed and the electric service. Construction contractor costs are not included.

The Improvements Committee recommends approval.



An NV5 Company

INDEPENDENT CONSULTING AGREEMENT

ORIGINAL TASK ORDER NO. 3b and 4

CLIENT NAME: Rancho Murieta Community Services District (RMCSD)
PROJ. NAME: RMCSD – Production Well and Equipping Specs and Oversight
PROJECT NO.: SAB115703

SERVICES PROVIDED SHALL BE IN ACCORDANCE WITH PROVISIONS OF THE DE/DA - RMCSD AGREEMENT FOR CONSULTING SERVICES, EXECUTED July 25, 2012. Task Order dated January 9, 2014

<p>1. SCOPE OF SERVICES</p>	<p>2. COST COMPONENTS</p>
<p>Scope of services is pursuant to the June 22, 2012 Proposal prepared for RMCSD. From the success of Tasks 1, 2 and 3a, the following Scope of Services includes the remaining subtasks that were originally referenced as Task 3b and 4 (Two Production Wells and with Equipping):</p> <ul style="list-style-type: none"> • Subtasks 1 and 2 (Original Task 3b) – Production Well Specification and Well Installation Oversight – DE anticipates in meeting sustainable drought yield of 370 gpm with potential three specified options and in installation of two production wells for RMCSD. Under these subtasks, a drinking water source assessment, specifications (three well locations) will be completed for the drilling and installation. The anticipated total is 400 feet below grade per water well. Specification efforts for up to three wells: drilling, borehole geophysics, ream and installation of 8- inch PVC casing, gravel pack, well seal, well development and pump test. Construction oversight services are completed under subtask 5, 6 and 7 for Two Well Sites. Additional task detail in attached spreadsheet. • Subtasks 3 (Original Task 4) – Specification and Equipping for three options and construction oversight (two wells). Effort includes site work, piping, electrical (SMUD) and pump equipping. Additional task detail in attached spreadsheet. • Subtask 4, 6 and 7 – Bid assistance and construction oversight will be completed which includes the bid plan services and as built reporting. 	<p>Estimated fee detailed in the attached spreadsheet. Estimated fee could range from \$100,000 to \$140,000.</p> <p>Fee reduction based on number of wells specified, constructed and the electric service. Construction costs not included.</p> <p>Labor Rates and Summary Attached. No markup on direct and subcontractor expenses.</p>
<p>3. DELIVERABLES</p>	<p>4. SCHEDULED MILESTONES</p>
<p>1) Complete Bid (Plans & Specifications) Package 2) Construction observations will be presented in a Technical Memorandum (TM).</p>	<p>DE/DA are prepared to initiate work immediately. We anticipate completion of the Bid Package within 8 weeks. With a 1 month bid period and 5 month construction, the project can be on-line in 8 months.</p>

5. EXECUTION

DUNN ENVIRONMENTAL, an NV5 Co.

RANCHO MURIETA CSD

By: PATRICK F. DUNN

Date:

By: EDWARD R. CROUSE, GENERAL MANAGER

Date

Subtask	Description	NV5 (well)							Domenichelli (equipping)					Other Costs				Total Project Fee Estimate
		Project Manager \$150	Senior Engineer \$150	Junior Engr/ Draft \$90	Hydro-Geologist \$90	Junior Hydro-Geologist \$85	Project Assistant \$65	Total NV5 Fee	Project Mgr \$165	Project Engr \$120	Assistant Engr \$90	2-Man Survey Crew \$0	Total D&A Fee	Electrical Engineer	Total Subs Fee	Subs Markup	Reproduction	
1	Project Kick-off Meeting, Preliminary Site Plan, and Data Gathering (Three Well Options)																	
	Project Kick-off Meeting	2	2				\$600	2	2				\$570		\$570	\$29	\$0	\$1,199
	Prepare Surveyed Base Map (topo non-boundary)		4	16			\$2,040						\$0		\$0	\$0	\$0	\$2,040
	Verify / record existing utilities, ROW, P/L, easements		8	12	12		\$3,360						\$0		\$0	\$0	\$0	\$3,360
	Review regulatory permits with District		1		2		\$330						\$0		\$0	\$0	\$0	\$330
	Conceptual Design workshop for site, well, surface facilities	2	8		4	4	\$2,200	2	8				\$1,290		\$1,290	\$65	\$0	\$3,555
	SUBTOTAL: Subtask 1	4	23	28	18	4	\$8,530	4	10	0	0	\$1,860	\$0	\$1,860	\$93	\$0	\$10,483	
2	Well Drilling and Development Specifications (Three Well Options)																	
	Prepare initial well drilling plan		2	16	12		\$2,820						\$0		\$0	\$0	\$0	\$2,820
	Prepare initial well drilling plan update		2	8	8		\$1,740						\$0		\$0	\$0	\$0	\$1,740
	Prepare specs, bid quantities, and cost estimate		16		8		\$3,640						\$0		\$0	\$0	\$0	\$3,640
	SUBTOTAL: Subtask 2	0	20	24	28	0	\$8,200	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$8,200	
3	Equipping Specifications (pump, pipeline and SMUD Service Three Well Options)																	
	Prepare preliminary plans for surface facilities (35%)						\$0	4	24	32		\$6,420	\$3,620	\$10,040	\$502	\$0	\$10,542	
	Apply for electrical service						\$0					\$0	\$1,390	\$1,390	\$70	\$0	\$1,460	
	95% Design Submittal						\$0					\$0	\$0	\$0	\$0	\$0	\$0	
	Plans						\$0	16	40	40		\$11,040	\$8,000	\$19,040	\$952	\$0	\$19,992	
	Specifications						\$0	12	40			\$6,780	\$2,750	\$9,530	\$477	\$0	\$10,007	
	Estimate						\$0	1	4			\$645	\$1,150	\$1,795	\$90	\$0	\$1,885	
	100% (Final) Design Submittal						\$0					\$0	\$0	\$0	\$0	\$0	\$0	
	Plans						\$0	2	16	16		\$3,690	\$5,080	\$8,770	\$439	\$0	\$9,209	
	Specifications						\$0	2	12			\$1,770	\$910	\$2,680	\$134	\$0	\$2,814	
	Estimate						\$0	1	2			\$405	\$610	\$1,015	\$51	\$0	\$1,066	
	SUBTOTAL: Subtask 3	0	0	0	0	0	\$0	38	138	88	0	\$30,750	\$23,510	\$54,260	\$2,713	\$0	\$56,973	
4	Bid Phase Services (Three Well Options)																	
	Provide a list of prospective bidders						\$0					\$0	\$0	\$0	\$0	\$0	\$0	
	Provide a list of prospective bidders (well)		2				\$430			2		\$0	\$0	\$0	\$0	\$0	\$430	
	Attend a pre-bid meeting	2	2				\$600	2				\$330	\$1,000	\$1,330	\$67	\$0	\$1,997	
	Assist in preparation of addenda						\$0		8			\$960	\$0	\$960	\$48	\$0	\$1,008	
	Assist in preparation of addenda (well)		2				\$430			2		\$0	\$1,200	\$1,200	\$60	\$0	\$1,690	
	Assist in the evaluation of bids						\$0		2			\$240	\$0	\$240	\$12	\$0	\$252	
	Assist in the evaluation of bids (well)		2		2	2	\$610					\$0	\$0	\$0	\$0	\$0	\$610	
	SUBTOTAL: Subtask 4	2	8	0	2	0	\$2,070	2	10	0	0	\$1,530	\$2,200	\$3,730	\$187	\$0	\$5,987	
5	Construction Management (Two Wells)																	
	Attend Pre-Construction Meeting	2	2				\$600	2	2			\$570	\$1,000	\$1,570	\$79	\$0	\$2,249	
	Provide construction staking						\$0					\$0	\$0	\$0	\$0	\$0	\$0	
	Review submittals, contract change orders, and RFIs		4			20	\$2,300	6	24	16		\$5,310	\$5,600	\$10,910	\$546	\$0	\$13,756	
	Provide job site inspections (Mechanical Civil) 6 visits						\$0	8	24			\$4,200	\$1,000	\$5,200	\$260	\$0	\$5,460	
	Provide job site inspections during well drilling				8	140	\$12,620					\$0	\$0	\$0	\$0	\$0	\$12,620	
	Provide documentation and sampling services (well)				4	24	\$2,400					\$0	\$0	\$0	\$0	\$0	\$2,400	
	Final well inspection				4	8	\$1,040	2	4			\$810	\$0	\$810	\$41	\$0	\$1,891	
	Materials testing and special inspections						\$0					\$0	\$0	\$0	\$0	\$0	\$0	
	Schedule management, progress meeting, reports		8				\$3,800			40		\$0	\$0	\$0	\$0	\$0	\$3,800	
	SUBTOTAL: Subtask 5	2	14	0	16	192	\$22,760	18	54	16	0	\$10,890	\$7,600	\$18,490	\$925	\$0	\$42,175	

Subtask	Description	NV5 (well)						Domenichelli (equipping)					Other Costs		Total Project Fee Estimate			
		Project Manager \$150	Senior Engineer \$150	Junior Engr/ Draft \$90	Hydro-Geologist \$90	Junior Hydro-Geologist \$85	Project Assistant \$65	Total NV5 Fee	Project Mgr \$165	Project Engr \$120	Assistant Engr \$90	2-Man Survey Crew \$0	Total D&A Fee	Electrical Engineer		Total Subs Fee	Subs Markup	Reproduction
6	Post Construction Services (Two Wells)																	
	Perform final observation						\$0	2	4			\$810		\$810	\$41	\$0		\$851
	Prepare as-built plans in paper and electronic format						\$0	2	4	16		\$2,250	\$3,000	\$5,250	\$263	\$0		\$5,513
	Prepare as-built well plans and well installation report		2	4	4	32	\$3,740					\$0		\$0	\$0	\$0		\$3,740
	SUBTOTAL: Subtask 6	0	2	4	4	32	\$3,740	4	8	16	0	\$3,060	\$3,000	\$6,060	\$303	\$0		\$10,103
7	Project Management																	
	Project Management/Oversight of subconsultants	24					\$3,600	8				\$1,320		\$1,320	\$66	\$0		\$4,986
	SUBTOTAL: Subtask 7	24	0	0	0	0	\$3,600	8	0	0	0	\$1,320	\$0	\$1,320	\$66	\$0		\$4,986
Total - FEE ESTIMATE		32	67	56	68	228	\$48,900	74	220	120	0	\$49,410	\$36,310	\$85,720	\$4,286	\$0		\$138,906

MEMORANDUM

Date: February 12, 2014
To: Board of Directors
From: Finance Committee Staff
Subject: Approve Cash for Grass Rebate Program

RECOMMENDED ACTION

Approve the proposed Cash for Grass Rebate Program. Funding to come from Conservation Budget line item in Water Operations Budget for fiscal year 2013-14.

BACKGROUND

The Cash for Grass Rebate Program provides rebates to Rancho Murieta Community Services District residential customers to convert water-thirsty lawns to water-efficient landscapes. In average, every square foot of lawn replaced with non-water consuming materials can save an average of 69,978 gallons of water per year. Every square foot of lawn replaced with water-smart trees, shrubs, and flowers can save an average of 30 gallons of water per year.

Staff developed the District's Cash for Grass program based on the Placer County Water Agency, City of Roseville, and City of Napa programs.

The proposed Cash for Grass Rebate Program gives \$0.50 per square foot of turf removed, with a per site maximum of \$1,000 for single family residential. At least 300 square feet of lawn must be converted. Smaller projects will be considered if they completely eliminate the front or back lawn. Customers may remove more turf area than is covered by the rebate program, but per site maximum will still apply.

Customers must consent to brief Pre- and Post-Inspection site visits by District staff in order to apply and qualify for the Cash for Grass rebate. At the Pre-Inspection visit, District staff will measure the proposed conversion area and verify that the site meets the program's terms and conditions. If approved, the District will mail a Notice to Proceed to the customer.

Lawn conversions must be completed within four (4) months of the Notice to Proceed. To ensure water savings are achieved, the converted area must remain in compliance with program terms and conditions for a period of five (5) years following receipt of the rebate. An applicant may be charged part or the entire rebate amount at the District's discretion if the terms and/or conditions have been violated. Notwithstanding the foregoing, this requirement is void upon transfer of ownership.

The Finance Committee recommends approval but delay implementation.

SAVE \$\$ AND YOUR TIME - GET RID OF YOUR GRASS

CASH FOR GRASS/ TURF REPLACEMENT REBATE PROGRAM

Rancho Murieta Community Services District (District) is offering cash rebates to water customers who replace thirsty turf-grass with drip-irrigated, low-water-use plants, permeable hardscapes or polyethylene/nylon artificial turf products. Funding is limited and applications will be accepted on a first-come, first-served basis. This Program is currently budgeted through June 2014, but the District reserves the right to terminate this program at any time, for any reason.

REBATE OFFER

\$0.50 per square foot of turf removed, with a per site maximum of \$1,000 for single-family residential

At least three hundred (300) square feet of lawn must be converted. Smaller projects will be considered if they completely eliminate the front or back lawn. Customers may, of course, remove more turf area than is covered by the rebate program, but the per site maximum will still apply.

Customers must consent to brief Pre- and Post-Inspection site visits by District staff in order to apply and qualify for the Cash for Grass rebate. At the Pre-Inspection visit, District staff will measure the proposed conversion area and verify that the site meets the program's terms and conditions. If approved, the District will mail a Notice to Proceed to the customer.

Lawn conversions must be completed within four (4) months of the Notice to Proceed. To ensure water savings are achieved, the converted area must remain in compliance with program terms and conditions for a period of five (5) years following receipt of the rebate. An applicant may be charged part or the entire rebate amount at the District's discretion if the terms and/or conditions have been violated. Notwithstanding the foregoing, this requirement is void upon transfer of ownership.

Following the Post-Inspection visit and Final Approval, the District will issue a rebate check to the eligible applicant within four (4) weeks.

TERMS AND CONDITIONS

- Obtain Rancho Murieta Association ARC approval for any landscape changes or remodels.
- Program is open to all residential properties served by a Rancho Murieta Community Services District water account. Applicant's account must be in good standing.
- Lawn areas to be converted must be currently maintained and in healthy condition, and be irrigated by an irrigation system in working condition. *Dead lawns or lawns already removed at the time of pre-inspection are not eligible for rebate.* Lawn areas removed for home additions are not eligible.
- Landscaping Requirements for Converted Area - Subject to RMA Approval:
 - Front Yard Landscape - Upon completion and continuing for the term of this agreement, converted areas must contain enough plants to create at least fifty percent (50%) living plant cover when the plants are fully grown.
 - Back Yard Landscape - The fifty percent (50%) plant coverage requirement has been waived for backyard landscape conversions. All other program terms still apply.
 - Plants - Must be drought tolerant and adapted to our climate. Helpful resources for water-wise plant selection are available at www.rmcsd.com. All planting areas must have a minimum of three (3) inches of mulch.
 - Surface Treatments - Common mulching materials include rock, bark, ungrouted flagstone or pavers and artificial turf manufactured to be permeable. Impermeable treatments do not qualify. However, permeable treatments (pervious concrete or brick or flagstone with permeable, mortarless materials for grout lines) will qualify as long as the fifty percent (50%) plant coverage requirement is met. Living

groundcovers quality as mulch provided the individual plants are installed at sufficient density to assure one hundred percent (100%) plant cover. If a weed barrier is used beneath the mulch, it must be manufactured to be permeable to both air and water.

Artificial Grass - Must be installed by a licensed landscape contractor. The contractor must properly prepare the landscaped area for installation (including site preparation and installation of base material). Product installed must be permeable to water and air. Only polyethylene and nylon artificial turf products are eligible for rebate. Patio carpet and other "Astroturf" type products are not eligible.

- Watering systems used, if used, must be a low-volume drip irrigation system, equipped with a pressure regulator, filter and emitters. The system must be in good working order, free of leaks and malfunctions. If only part of the lawn is converted, new planting area must be irrigated on a separate valve from the remaining lawn. Sprinkler system for the remaining lawn must be modified to avoid spray onto the converted area.
- Tenants/Renters: if applicant is not the property owner, written consent from the property owner must be provided to District staff at the time of the Pre-Inspection visit.
- At Post-Inspection, applicant must provide a list of plants, hardscape, and artificial turf materials used in the conversion (may be handwritten). If conversion fails inspection, applicant will be given thirty (30) days to bring project into compliance.
- Offer is limited to one (1) Cash for Grass rebate per District water account.
- Lawn conversions must be completed within four (4) months of the Pre-Qualification visit. To ensure water savings are achieved, the converted area must remain in compliance with program terms and conditions for a period of five (5) years following receipt of the rebate. An applicant may be charged part or the entire rebate amount at the District's discretion if the terms and/or conditions have been violated. Notwithstanding the foregoing, this requirement is void upon transfer of ownership.
- The District enforces only the terms and conditions of this agreement. The applicant is solely responsible for complying with any and all laws, regulations, policies, conditions, covenants and restrictions that may apply and for any and all liabilities arising out of a conversion project. Applicants are encouraged to consult any applicable covenants, conditions, and restrictions (CC&R's) of RMA or other neighborhood Homeowner's Association (HOA) regulations that apply to an anticipated conversion project prior to submitting an application with the District. Applicants must also comply with all state and local laws relating to landscape maintenance. The quality, maintenance and appearance of the conversion are the exclusive responsibility of the applicant. Rebates may be considered taxable income. Any tax consequences arising out of the receipt of a rebate are the exclusive responsibility of the applicant. Applicants are solely responsible for understanding the rights and responsibilities of adjacent property owners and the impacts that their anticipated conversion project may have on drainage or discharge of water, boundary lines, fences, encroachments, trees, subjacent and lateral support, and other related items.

STEPS TO PARTICIPATE

1. Obtain Rancho Murieta Association ARC approval for any landscape changes or remodels.
2. Call the Rancho Murieta Community Services District at 916-354-3700 to schedule a brief Pre-Inspection visit to have the lawn area measured.
3. Following Pre-Inspection, await receipt of the Notice to Proceed from the District. **DO NOT REMOVE LAWN UNTIL YOU RECEIVE THIS DOCUMENT.**
4. Remove the lawn area and install your project according to the program Terms and Conditions. Find helpful resources in the Water Conservation section at www.rmcsd.com.
5. Call the District at 916-354-3700 to schedule a Post-Inspection visit. Post-Inspection must take place within four (4) months of the Pre-Inspection visit.
6. Provide at Post-Inspection or mail in your final completed Application along with a list of plants and materials used in the conversion. Rebate checks will be processed within four (4) weeks.

7. The converted area must remain in compliance with program terms and conditions for a period of five (5) years following receipt of the rebate. An applicant may be charged part or the entire rebate amount at District's discretion if the terms and/or conditions have been violated. Notwithstanding the foregoing, this requirement is void upon transfer of ownership.

DRAFT



**CASH FOR GRASS
Turf Replacement Rebate Program
Application**

Name: _____ Daytime Phone: _____

Mailing Address _____

Site Address: _____

Own _____ Rent _____

RMCS D Water Account Number: _____ Lot Number: _____

By signing this application, I agree to the terms and Conditions of the District's Cash for Grass Program. I agree to note re-install turf in the converted area or to revert its irrigation system to overhead spray. I acknowledge that the converted area must remain in compliance for a period of five (5) years or the rebate may be partially or fully forfeited to the District.

Applicant Signature _____ Date _____

Applicant Final Checklist:

_____ I have Rancho Murieta Association landscaping remodel approval.

_____ I have had a Pre-Inspection verifying lawn area to be removed. District staff must date and initial area below.

_____ I have had a Post-Inspection and Final Approval. District staff must date and initial area below.

_____ I am submitting this completed application, along with a list of plants/hardscape/artificial turf used in the conversion to Rancho Murieta Community Services District, Cash for Grass Program, P.O. Box 1050, Rancho Murieta, California 95683.

Questions - Please Call 916-354-3700

District Use Only

PRE-INSPECTION DATE: _____ Water Staff Initial _____

Total Area of Lawn at Site: _____ **Total Area of Lawn to be Removed:** _____

Sprinkler Station number(s) for old Lawn Area _____

POST-INSPECTION DATE: _____ Water Staff Initial: _____

_____ Single Family _____ Commercial/Multi/HOA **Approved Rebate Amount:** _____

Date

Name
Street
City

Subject: NOTICE TO PROCEED

Dear **First name**,

Congratulations! Your property has passed our Lawn Replacement Rebate Program pre-inspection and you are now authorized to proceed with your lawn replacement. **You have until (four months and four day from date sent).**

Based on our measurements, you are eligible for a rebate of \$XXX or the maximum rebate of \$1000. At the time of the pre-project inspection, the lawn area you proposed to remove measured XXXX square feet. Your final rebate will be calculated off the area found to be removed at the time of the post inspection.

Please follow the Terms & Conditions of the Lawn Replacement Rebate Program in completing your project. I have attached a few items that I hope will assist you, and you may also refer to the District's website at www.rmcsd.com for additional resources to assist you with your project. Please contact call if you need any additional information.

Sincerely,

Edward R. Crouse
General Manager

MEMORANDUM

Date: February 12, 2014
To: Board of Directors
From: Communications & Technology Committee Staff
Subject: Adopt Resolution 2014-02, Resolution Calling the General District Election

RECOMMENDED ACTION

Adopt Resolution 2014-02, a Resolution calling the General District Election for the purpose of electing three (3) Directors to the Rancho Murieta Community Services District's Board of Directors.

BACKGROUND

This is the standard resolution that the Board adopts in election years. The Resolution calls for holding the election with the General Election on November 4, 2014; the candidate to pay for the publication of the candidate's statement pursuant to Elections Code Section 13307; and limiting the candidate's statement to 200 words. The District also agrees to reimburse the Registrar of Voters for actual costs incurred, as we have done in the past.

The Communications & Technology Committee recommends adoption.

RESOLUTION # 2014-02

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
RANCHO MURIETA COMMUNITY SERVICES DISTRICT
CALLING THE GENERAL DISTRICT ELECTION**

WHEREAS, an election will be held within the Rancho Murieta Community Services District on November 4, 2014, for the purpose of electing three (3) directors; and

WHEREAS, a statewide general election will be held within the County of Sacramento on the same day; and

WHEREAS, Elections Code Section §10403 requires jurisdictions to file with the Board of Supervisors, and a copy with the Registrar of Voters, a resolution requesting consolidation with a statewide election.

THEREFORE, BE IT RESOLVED, that the Rancho Murieta Community Services District requests the Board of Supervisors of Sacramento County to consolidate the regularly scheduled General District Election with the statewide election to be held on November 4, 2014; and

BE IT FURTHER RESOLVED, that the candidate is to pay for the publication of the candidate's statement, pursuant to Elections Code Section §13307(a). The limitation on the number of words that a candidate may use in his or her candidate's statement is 200 words; and

BE IT FURTHER RESOLVED, that the Rancho Murieta Community Services District agrees to reimburse the Registrar of Voters for actual costs accrued, such costs to be calculated by the method set forth in the County's current Election Cost Allocation Procedures.

PASSED AND ADOPTED on February 19, 2014, by the following roll call vote:

Ayes:

Noes:

Absent:

Abstain:

(Seal)

Attest:

Gerald Pasek, President of the Board
Rancho Murieta Community Services District

Suzanne Lindenfeld, District Secretary

RANCHO MURIETA COMMUNITY SERVICES DISTRICT

NOTICE OF DISTRICT ELECTION

NOTICE IS HEREBY GIVEN that a General District Election will be held November 4, 2014 in this District. The offices for which candidates may declare their candidacy are:

Three (3) Director Positions

Qualifications: Candidates shall be registered electors residing within the boundaries of the District per Government Code §61200.

The **nomination period** for the November 4, 2014 election is **July 14, 2014 through August 8, 2014**. A "Candidates Guide" for the election is being prepared by the Registrar of Voters Office and will be provided to all candidates at the time they obtain their nomination papers.

Official declarations of candidacy for eligible candidates desiring to file for any of the elective offices may be obtained from the Registrar of Voters, 7000 65th Street, Sacramento, CA 95823, on and after July 14, 2014. **Declarations must be filed not later than 5:00 p.m. on August 8, 2014.** However, if a declaration of candidacy for an incumbent is not filed by the latter date and hour, any person other than the incumbent shall have until 5:00 p.m. on August 13, 2014, to file a declaration of candidacy for such office.

Appointment to each elective office will be made by the supervising authority as prescribed by Elections Code §10515 in the event there are no candidates or an insufficient number of candidates for such office and a petition for an election is not filed within the time prescribed by Elections Code §10515; that is, by 5:00 p.m. on August 13, 2014.

For questions regarding the election, candidate statements, or the "Candidates Guide", please call the County of Sacramento Voter Registration and Elections office at (916) 875-6451.

Dated this 19th day of February, 2014.

{Seal}

Suzanne Lindenfeld, District Secretary

MEMORANDUM

Date: February 12, 2014
To: Board of Directors
From: Paul Siebensohn, Director of Field Operations
Subject: Approve Additional Inspection Costs for Main Lift North Project

RECOMMENDED ACTION

Approve payment of the invoices from Bay Area Coating Consultant Services, Inc., for additional inspection costs for Main Lift North Project, in an amount not to exceed \$6,130. Funding to come from Sewer Replacement Reserves, CIP #12-04-2.

BACKGROUND

During the rehabilitation work for the Main Lift North (MLN) sewer pumping station, delays were encountered with groundwater infiltration and a bad batch of cementitious product that was applied in the MLN wet wells, which Bay Area Coasting Consultant Services, Inc., (BACC) inspector caught. The project extended far beyond the initial planned time for project coating inspection. Originally, an amount of \$6,400 was approved at the August 21, 2013 to cover their services. This puts the total inspection costs for the project at \$12,530.

For this rehabilitation project, the engineering specifications required that all surface preparation, concrete rehabilitation and coating application be inspected by a NACE International Level III Certified Coatings Inspector in the field as needed. This purpose being to ensure that all specification requirements and painting industry standards are adhered to and to ensure a long life of the coating system. Due to the delays, additional inspection costs were incurred.

BAY AREA COATING CONSULTANT SERVICES. INC.

INVOICE

Date: January 29, 2014

CLIENT: Rancho Murieta
 P.O. Box 1050
 Rancho Murieta, CA 95683

PROJECT ENGINEER: Mr. Paul Siebensohn
 PROJECT: Rancho Murieta
 CONTRACT:
 PO NUMBER:
 INVOICE NUMBER: E04036
 PAYMENT PERIOD: 12/18/13 through 1/29/14

RECEIVED
 RANCHO MURIETA
 COMM. SERV. DIV.
 2014 JAN 30 A 11:07

Budget: \$6,400

DIRECT COST

Balance:

DATE	SERVICE	HOURS	OT HOURS	Double
12/20/2013	Dale N. Inspection	5.5	0.0	0.0
12/21/2013	Dale N. Inspection	0.0	4.0	0.0
12/23/2013	Dale N. Inspection	8.0	0.5	0.0
12/26/2013	Dale N. Inspection	8.0	5.0	0.0
12/27/2013	Dale N. Inspection	8.0	8.0	0.0
1/2/2014	Dale N. Inspection	8.0	0.0	0.0
1/3/2014	Dale N. Inspection	8.0	8.0	0.0
1/4/2013	Dale N. Inspection	0.0	9.0	0.0
1/5/2013	Dale N. Inspection	0.0	0.0	5.0
1/20/2014	Dale N. Inspection	8.0	1.5	0.0
1/27/2014	David H. Inspection	4.0	0.0	0.0
1/28/2014	David H. Inspection	10.0	0.0	0.0
TOTAL HOURS		67.5	36.0	5.0
HOURLY RATE		\$80.00	\$127.50	\$180.00
DIRECT COST		\$5,400.00	\$4,590.00	\$900.00

TRAVEL

HOTEL

TOTAL AMOUNT DUE

\$10,890.00

Bay Area Coating Consultant Services, Inc

MLN Rehabilitation Lining

Contract Amount:

\$ 6,400.00

BOD: 08/21/13

Code: 200-1495

Date	Invoice#	Inv. Amount	Contract Bal.
12/20/2013	E03067	\$7,080.00	(\$680.00)
12/18/2013	E04000	\$960.00	(\$1,640.00)
1/29/2014	E04036	\$10,890.00	(\$12,530.00)
Total		\$18,930.00	(\$12,530.00)

#6,130

-total for Bay Area.

MEMORANDUM

Date: February 12, 2014
To: Improvements Committee
From: Paul Siebensohn, Director of Field Operations
Subject: Approve Additional Repair Costs - Sholl Construction Company, Inc.

RECOMMENDED ACTION

Approve payment of invoice from Sholl Construction Company, Inc. for additional repair costs for the Main Lift North Project, in an amount not to exceed \$4,689. Funding to come from Sewer Replacement Reserves, CIP#12-04-2.

BACKGROUND

During the rehabilitation work for the Main Lift North (MLN) sewer pumping station, groundwater infiltration was discovered in all three (3) wet wells. This infiltration appeared to be coming from groundwater around the station. Behind the station there is a drainage ditch that runs at approximately six (6) feet below grade of MLN, and the wet wells at MLN are 24 feet deep below grade (see attached site plan sheet). Initially, the District hired TNT/Hansen to stop the water infiltration. It would stop for one day and then appear somewhere else the next.



Photos showing water intrusion into wet wells

To permanently stop the ground water intrusion into the wet wells, a specialty contractor, Sholl Construction Company, Inc., was brought in. They drilled into the wall surfaces on along the base of the wet wells and injected Deneef specialty polyurethane at up to 4,000 psi in a effort to fill any cracks or voids in the concrete and stop the leakage.

SHOLL CONSTRUCTION CO., INC.

P.O. BOX 1725
SHINGLE SPRINGS, CA 95682
PH. (530) 676-9324
CA STATE LIC. #474076

Invoice

RECEIVED
RANCHO MURIETA
CITY SERV. DIST.

DATE | INVOICE #

2013 NOV 25 A 11:40 | 10/31/2013 | 3707

BILL TO:

Rancho Murieta CSD
15160 Jackson Road
Rancho Murieta, CA 95683
ATTENTION: Paul Siebensohn

DESCRIPTION	AMOUNT
RE: P.O. # C19706 Base bid \$2,950.00 work on 11/20/13 \$1,738.45 Repairs completed! Please see time sheet!	
Current Payment Due	4,688.45
Due upon receipt	TOTAL \$4,688.45

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SHOLL CONSTRUCTION CO.
 P.O. BOX 1725
 SHINGLE SPRINGS, CA. 95682

JOB MATERIAL AND LABOR RECORD

DAY OF WEEK	Mon	Tues	<u>Wed</u>	Thu	Fri	Sat	Sun		
DATE	11/20/2013						JOB NUMBER	2446-13	
JOB NAME	RMCSO			ADDRESS				WET WELL NORTH	
WEATHER	RAINING		SUB-CONTRACTORS		HANSON PAINTING				
DESCRIPTION OF WORK PERFORMED							MATERIAL/	QUANTITY/	COST
ARRIVE AT SITE BY 12:30 PM AFTER CALL FROM PAUL IN AM ABOUT LEAKS.									
GUS FROM HANSON SAID THERE IS (3) LOCATIONS. #1 ON WALL UNDER PIPE							PORTS	28	77.00
#2 ON UPPER WALL ON SLOPE AND #3 ON WALL UNDER PIPE. #1 AND #2 BOTH							URETHANE	1/2 GAL	53.17
HAD WET SPOTS UP WALL 7-8" BUT NO RUNNING WATER. #2 HAD SUDDEN LEAK ON JOINT.							BLITZ	3 LB	11.40
PAUL CAME BY AND I EXPLAINED WHAT I SAW WHEN I WENT DOWN AND INSPECTED LOCATIONS.							MISC. MAT.		45.00
RMCSO SUPERVISOR CAME AND AT MONITOR IN WORK SPACES AND PROVIDED ENTRY PERMIT. DRILLED, SET PORTS, BLITZ AND READY FOR DISSECTION AT 2:45.							GLUES/PT/GR		186.57
							1508 HANDY		27.90
							TOTAL	\$	214.47

Michael J. Hall

{NO EMPLOYEE WAS INJURED ON THIS DATE OF WORK}

EMPLOYEE	IN	OUT	JOB #	TRAVEL TIME	Daily Hours	TOTAL
Don Risk						
Jim Sholl	12:30P	4:00M			3.5 (1/2 HR OT)	263.00
Jose Garcia						278.87
Isaias Garcia						228.87
Shane Ellithorp						
Chad Haldi						

{BREAKDOWN OF LABOR, MATERIALS, EQUIPMENT, TOOLS, TRUCKS, ETC.}

TRUCKS (1)	175.00
INJECTION MACHINE () URETHANE GROUT PUMP (1)	125.00
CONFINED SPACE EQUIPMENT ()	
GENERATOR () TOOLS () BITS () SPECIAL TOOLS; HILTI, BOSCH ()	125.00
MATERIALS/SEE ABOVE LIST OF USED MATERIALS	214.47
TRAVEL TIME TO AND FROM JOB LOCATION	68.50
PER DIEM / LODGING / OR OTHER SPECIFIC ITEMS	
TOTAL FOR DAY LABOR/MATERIALS/TOOLS/TRUCK(S) EQUIPMENT/ETC.	1448.71
SIGNED BY SUPERVISOR <i>[Signature]</i>	DATE 11/20/2013

2006 OPI 289.74
 TOTAL — \$ 1,738.45

MEMORANDUM

Date: February 12, 2014
To: Board of Directors
From: Edward R. Crouse, General Manager
Subject: Receive Update on Airport Properties

RECOMMENDED ACTION

No action – receive update.

BACKGROUND

Director Martel requested this item be included on the agenda.

We understand the hangar project is still pursuing building permits from Sacramento County.

We completed our review of the onsite utility plan and approved it in January, though we have not seen any sign of construction. Recall the airport will be installing a master water meter in one location to monitor usage for the entire site for all uses, either domestic or fire flow.

We have determined the costs for unauthorized water and sewer use. We intended to assess penalties and fines, but after reviewing the water and sewer codes, we determined the misdemeanor fines are beyond our authority to assess.

And upon further review of the Water Supply Augmentation fee, we discovered that the airport is exempt from the water supply augmentation fee, since it was in use at the time the fee was enacted. However, we will track their water use over time. If it exceeds their estimated allocation when the augmentation fee was enacted, we feel the usage above their allocation should be grounds for assessing the fee.

MEMORANDUM

Date: February 12, 2014
To: Board of Directors
From: Edward R. Crouse, General Manager
Subject: Receive Update on Replacement Reserve Study

RECOMMENDED ACTION

No action – receive update.

BACKGROUND

At the January 24, 2014 Board Goal Workshop, staff was directed to look into a Reserve Study, report back on preparing one and ultimately prepare one by year end.

I researched local engineering companies and contacted Greg Vorster for references for firms who have completed reserve studies for Rancho Murieta Association (RMA) and other homeowner associations (HOAs).

For HOA reserve studies, the reference firms appear to only work for HOAs, school districts and like entities. It appears the common theme of these entities is they have buildings and recreational facilities but not infrastructure like a utility district. Their reserve study evaluates each facility's life and replacement cost and determines an annualized replacement cost.

Engineering companies, on the other hand, appear to focus entirely on utility districts, cities and counties with infrastructure facilities, running across the board from pipelines to treatment works and everything in between. The engineering approach is called an Asset Management Plan. Their approach looks at the level of service commitments following failures, risk of failure, critical nature of facility, and then determines a maintenance and replacement program to ensure the promised level of service is met for each facility. The maintenance and replacement cost is annualized, similar to a reserve study.

Costs for an Asset Management Plan vary, depending on utility size and function, but tend to be between \$25-75,000 and take roughly 6 months. It usually involves Board workshops early on to decide on the level of service and follow-up workshops on the results.

CONFERENCE/EDUCATION SCHEDULE

Date: February 12, 2014
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)

Board Secretary/Clerk Conference	February 27 - 28, 2014	Napa
2014 Special District Legislative Days	May 20, 2014	Sacramento
General Manager Leadership Summit	Olympic Valley	June 22, 2014

GOLDEN STATE RISK MANAGEMENT ASSOCIATION (GSRMA)

No Information Currently Available on Upcoming Conferences.

SPECIAL DISTRICT AND LOCAL GOVERNMENT INSTITUTE (SDI)

No Information Currently Available on Upcoming Conferences.

ASSOCIATION OF CALIFORNIA WATER AGENCIES (ACWA)

2014 Spring Conference	May 6 – 9, 2014	Monterey
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WATEREUSE ASSOCIATION

2014 WaterReuse Annual Conference March 16 - 18, 2014 Newport Beach

AMERICAN WATER WORKS ASSOCIATION (AWWA)

No Information Currently Available on Upcoming Conferences.

ISC WEST

2014 ISC West Public Security
And Safety Expo April 2 – 4, 2014 Las Vegas

CALIFORNIA RURAL WATER ASSOCIATION

No Information Currently Available on Upcoming Conferences.