



**DUBLIN SAN RAMON SERVICES DISTRICT
Board of Directors**

NOTICE OF REGULAR MEETING

TIME: 6:00 p.m.
PLACE: Regular Meeting Place
7051 Dublin Boulevard, Dublin, CA

DATE: Tuesday, November 4, 2014

AGENDA

(NEXT RESOLUTION NO. 72-14)

(NEXT ORDINANCE NO. 336)

Our mission is to provide reliable water and wastewater services to the communities we serve in a safe, efficient and environmentally responsible manner.

BUSINESS:

REFERENCE

Recommended Action **Anticipated Time**

1. CALL TO ORDER
2. PLEDGE TO THE FLAG
3. ROLL CALL – Members: Benson, Duarte, Halket, Howard, Vonheeder-Leopold
4. SPECIAL ANNOUNCEMENTS/ACTIVITIES
5. PUBLIC COMMENT (MEETING OPEN TO THE PUBLIC)

At this time those in the audience are encouraged to address the Board on any item of interest that is within the subject matter jurisdiction of the Board and not already included on tonight’s agenda. Comments should not exceed five minutes. Speakers’ cards are available from the District Secretary and should be completed and returned to the Secretary prior to addressing the Board. The President of the Board will recognize each speaker, at which time the speaker should proceed to the lectern, introduce him/herself, and then proceed with his/her comment.

6. REPORTS
 - A. Reports by General Manager and Staff
 - Event Calendar
 - Correspondence to and from the Board
 - B. Agenda Management (consider order of items)
 - C. Committee Reports
DERWA

October 27, 2014

7. APPROVAL OF MINUTES - Regular Meeting of
October 21, 2014 District Secretary Approve by Motion

BUSINESS:

REFERENCE

		<u>Recommended Action</u>		<u>Anticipated Time</u>
8.	<u>CONSENT CALENDAR</u>			
Matters listed under this item are considered routine and will be enacted by one Motion, in the form listed below. There will be no separate discussion of these items unless requested by a Member of the Board of Directors or the public prior to the time the Board votes on the Motion to adopt.				
	A. Upcoming Board Calendar	General Manager	Accept by Motion	
	B. Report of Checks and Electronic Disbursements Made	Treasurer	Accept by Motion	
9.	<u>BOARD BUSINESS</u>			
	A. Discuss Drought Management Program	General Manager	Provide Direction	5 min
	B. Accept Water Supply and Demand and Drought Response Action Plan Status Reports and Find that the Need for the Community Drought Emergency Still Exists	General Manager	Accept by Motion	5 min
	C. Recycled Water Expansion Phase 1 - Distribution to West Dublin (CIP 15-R009): Authorize Task Order No. 6 with HDR Engineering, Inc.	Engineering Services Manager	Approve by Motion	10 min
10.	<u>BOARDMEMBER ITEMS</u>			
	• Submittal of Written Reports from Travel and Training Attended by Directors			
11.	<u>CLOSED SESSION</u>			
	A. Public Employee Performance Evaluation – Pursuant to Government Code Section 54957 Title: Treasurer Title: District Secretary			20 min
12.	<u>REPORT FROM CLOSED SESSION</u>			
13.	<u>ADJOURNMENT</u>			

BOARD CALENDAR*

<u>Committee & Board Meetings</u>	<u>Date</u>	<u>Time</u>	<u>Location</u>
Special LAVWMA	November 5, 2014	6:00 p.m.	District Office
Finance	November 10, 2014	8:30 a.m.	District Office
External Affairs	November 11, 2014	5:30 p.m.	District Office
Personnel	November 11, 2014	5:45 p.m.	District Office
Wastewater	November 12, 2014	8:30 a.m.	District Office
Tri-Valley Water Agency Liaison	November 17, 2014	5:00 p.m.	Zone 7
DSRSD Financing Corporation	November 18, 2014	6:00 p.m.	District Office
Regular Board Meeting	November 18, 2014	6:00 p.m.	District Office

*Note: Agendas for regular meetings of District Committees are posted not less than 72 hours prior to each Committee meeting at the District Administrative Offices, 7051 Dublin Boulevard, Dublin, California

All materials made available or distributed in open session at Board or Board Committee meetings are public information and are available for inspection at the front desk of the District Office at 7051 Dublin Blvd., Dublin, during business hours, or by calling the District Secretary at (925) 828-0515. A fee may be charged for copies. District facilities and meetings comply with the Americans with Disabilities Act. If special accommodations are needed, please contact the District Secretary as soon as possible, but at least two days prior to the meeting.

**DUBLIN SAN RAMON SERVICES DISTRICT
MINUTES OF A REGULAR MEETING OF THE BOARD OF DIRECTORS**

October 21, 2014

A regular meeting of the Board of Directors was called to order at 6:00 p.m. by President Georgean M. Vonheeder-Leopold. Boardmembers present: President Georgean M. Vonheeder-Leopold, Vice President Edward R. Duarte, Director D.L. (Pat) Howard, Director Richard M. Halket, and Director Dawn L. Benson.. District staff present: Bert Michalczyk, General Manager; Rhodora Biagtan, Interim Engineering Services Manager; John Archer, Interim Financial Services Manager/Treasurer; Dan Gallagher, Operations Manager; Michelle Gallardo, Interim Organizational Services Manager; Carl P.A. Nelson, General Counsel; and Nancy Gamble Hatfield, District Secretary.

1. CALL TO ORDER
2. PLEDGE TO THE FLAG
3. ROLL CALL - Members: Benson, Duarte, Halket, Howard, Vonheeder-Leopold
4. SPECIAL ANNOUNCEMENTS/ACTIVITIES
5. PUBLIC COMMENT (MEETING OPEN TO THE PUBLIC) – 6:01 p.m.
6. REPORTS
 - A. Reports by General Manager and Staff
 - Event Calendar – General Manager Michalczyk reported on the following:
 - o The annual Neighborhood Update Meeting was held last evening at the Wastewater Treatment Plant. From all reports the meeting went well. President Vonheeder-Leopold attended.
 - o Today, a few staff members along with President Vonheeder-Leopold attended the “Renaming Ceremony of the Dublin Post Office” to the James “Jim” Kohnen Post Office. Mr. Michalczyk commented that it was a nice affair and that he learned the Postal Service has its own police service.
 - o On December 2-5, 2014 the ACWA conference will be held in San Diego. If any Directors are interested in attending, they should contact the District Secretary or the General Manager to make appropriate arrangements. If any Directors plan to attend, the Board may want to consider rescheduling the regular Board meeting from December 2 to a special meeting on Monday, December 1, 2014.
 - Correspondence to and from the Board on an Item not on the Agenda

DRAFT

Date	Format	From	To	Subject
10/17/14	Email	Kenneth Mintz/ATT	President Vonheeder-Leopold and Directors	Telecommunications Site Lease Agreement with AT&T background information (10/21 Agenda Item 9E)
10/20/14	Email	Paulette Tupper	DSRSD Board	Support for Antenna for AT&T Cellular in Dublin area

B. Agenda Management (consider order of items) – No changes were made

C. Committee Reports
None

7. APPROVAL OF MINUTES – Regular Meeting of October 7, 2014

Director Howard MOVED for the approval of the October 7, 2014 minutes. Director Benson SECONDED the MOTION, which CARRIED with FIVE AYES.

8. CONSENT CALENDAR

President Vonheeder-Leopold requested that in the future the agenda's description of this item (Accept Regular and Recurring Reports) identify the specific report(s) presented for Board acceptance.

General Manager Michalczyk answered this certainly could be done and is a good suggestion.

Director Howard MOVED for approval of the items on the Consent Calendar. V.P. Duarte SECONDED the MOTION, which CARRIED with FIVE AYES.

A. Rescind Service for Developments with Affordable Housing Policy and Resolution No. 25-06 – Approved – Resolution No. 70-14 and *Rescind Resolution No. 25-06*

B. Adopt Revised Construction Project Acceptance by the General Manager Policy and Rescind Resolution No. 49-14. – Approved – Resolution No. 71-14 and *Rescind Resolution No. 49-14*

C. Accept Regular and Recurring Reports – Approved

D. Upcoming Board Calendar – Approved

9. BOARD BUSINESS

A. Discuss Drought Management Program

General Manager Michalczyk reported this item has been part of every agenda since May 5, 2014 and gives the Board and public an opportunity to comment on the overall Drought Management Program. The declaration of the drought emergency is set to expire on December 31, 2014 unless a subsequent action to extend the emergency is taken by the Board. The program is progressing satisfactorily and there was one amendment made to the original drought action plan made on August 5, 2014 with adoption of Ordinance No. 335.

The Board did not direct staff to develop any changes to the program other than to present the extension for the Board's consideration on December 2, 2014.

Hearing no further comments from the Board or public, President Vonheeder-Leopold concluded this item.

B. Consider Appeal by Magdaline Anyafulu of Staff Denial of a Waiver of Enforcement Action Related to Violation of Water Use Limitations

Operations Manager Gallagher invited Mr. Steve Delight, Interim Planning & Permitting Division Supervisor to discuss this matter with the Board.

Mr. Delight addressed the Board and explained he evaluated the waiver request from District customer Ms. Magdaline Anyafulu for excessive water use, and after consideration of the facts he ultimately denied the request. Residential customers using more than 640 gallons per day or 4,480 per week are flagged and sent warning letters. If a resident continues to exceed usage, it will lead to a monetary violation. Mr. Delight explained the specifics of Ms. Anyafulu's situation, which was primarily due to an irrigation leak and ultimately a violation for which she was appealing to the Board this evening.

Mr. Delight distributed additional materials providing a summary of the details that led to the enforcement action and that were inadvertently omitted from the agenda packet. Copies of the District customer's usage information reflected on AquaHawk charts were also included in the materials. Mr. Delight invited Ms. Anyafulu to offer her comments to the Board.

Ms. Magdaline Anyafulu addressed the Board and recounted the communications she had with District staff regarding her recent water usage, the actions she had taken, and ultimate receipt of a \$250 fine. She noted that in addition to the irrigation leak, with the use of a plumber she discovered she had a leaky toilet. Ms. Anyafulu was advised she would need to come to the meeting for her appeal to the Board.

The Board reviewed her most recent usage by looking at the AquaHawk printout information and noted her usage had reduced and the apparent leaks had been repaired.

Director Halket MOVED to grant the waiver and uphold Magdaline Anyafulu's appeal of a staff level denial of enforcement action levied against the customer on the basis that the customer has brought her water use into compliance. Director Benson SECONDED the MOTION, which CARRIED with FIVE AYES.

C. Modify Water Use Limitation Exemption for Valley Christian Center

Director Howard requested this item be placed on tonight's agenda.

Operations Manager Gallagher reviewed the discussion and Board approval at the August 19, 2014 meeting of an exemption for Valley Christian Center (VCC). Since the exemption, VCC was assessed a \$250 fine in September and last week they were fined an additional \$500 for violation of the terms of the exemption. He noted Mr. Jerry Buffington from VCC was present in the audience.

Mr. Jerry Buffington from VCC addressed the Board and stated the \$250 was issued for using water outside of the approved time period.

Mr. Gallagher clarified the first \$250 fine was related to a violation that occurred before VCC was granted the exemption on August 19, 2014. At that time, VCC was using approximately 61,000 gallons of water per week. Within about three weeks after receiving the exemption, VCC's consumption increased to approximately 90,000 gallons per week. As a result, the District issued a subsequent \$250 fine to VCC for violating the terms of the exemption.

Mr. Buffington responded that was not the way he understood this matter to be. He explained he initially came before the Board to receive an exemption to add an additional day of watering. VCC has a 50-acre site with playing fields and there is a concern about safety, and he communicated this information in a letter to the Board dated August 11, 2014. He requested a third day of watering to get the valves to work. He stated he came to the Board in August to ask for more water; there was no reason to ask for an exemption to have less water. Mr. Buffington recounted that Director Benson made a motion to give VCC the exemption to have a third day of watering within the same hours of the day, but VCC had to reduce the watering time by 50%. He stated he was agreeable to that because he was able to run more valves in their system. In a normal year, VCC operates their valves 24 hours a day, 7 days per week to keep their site watered. Mr. Buffington stated VCC is not watering any area more than 2 days per week, but he stated the Board granted VCC a 30% increase in watering time, which, he equates to a 30% increase in water use.

Mr. Buffington further stated that Mr. Gallagher contacted him and they met twice to discuss the increase in VCC's water consumption. Mr. Buffington stated that Mr. Gallagher informed him that it was not the Board's intent to grant additional water to VCC. Mr. Buffington commented that there was nothing in their August conversation where he agreed to reduce the overall water use. He wanted to increase water use to get their lawns back and he believes he was granted that under the

conditions. Once he met with Mr. Gallagher, VCC reduced their water use from 90,000 gallons to 60,000 gallons and that VCC wants to comply. He believes the Board granted VCC more water.

General Manager Michalczyk clarified this agenda item is specifically for the Board to reconsider the water use limitations after October 1, 2014; the District ordinance reduces outside irrigation from 2 days per week to 1 day per week after October 1. The Board agenda does not allow for a discussion about the waiver this evening. In August, VCC was granted an exemption without an expiration date and that is the substance of the agenda item.

Mr. Buffington requested the Board reconsider the fines assessed to VCC because he believes VCC has operated under the terms of the Board's decision and he believes they are trying to do the right thing.

President Vonheeder-Leopold explained that the Board granted VCC an exemption to spread out their watering to three days but did not grant VCC an increase in their water use.

Director Benson suggested VCC use the recycled water station at the WWTP to assist with their watering needs.

Director Howard MOVED to revoke the exemption granted to Valley Christian Center on August 19, 2014. Director Halket SECONDED the MOTION, which CARRIED with FIVE AYES.

Mr. Buffington asked for confirmation that under the Board's action that VCC could only water one day per week. The Board confirmed this is correct.

- D. Provide Direction Regarding the District Providing Temporary, Emergency Water Service to Tassajara Valley and Possible Terms for such Water Service

General Manager Michalczyk reported that the ongoing drought has had a significant effect on property owners in the Tassajara Valley. District staff has been approached by a few property owners in the Tassajara Valley about the possibility of the District providing temporary water service to that area. Those property owners have been referred to Contra Costa County LAFCo because Tassajara Valley is outside the District's service boundary and sphere of influence. Most recently, Contra Costa Supervisor Mary Piepho's staff informally contacted the District regarding possible temporary water service to property owners in Tassajara Valley. Supervisor Piepho's staff was similarly referred to Contra Costa LAFCo. In follow-up conversations with Contra Costa LAFCo staff, the District was told that Contra Costa Environmental Health Department does not consider the situation in Tassajara Valley to be an emergency. As such, Contra Costa LAFCo has informed the District that they would not become directly involved. They did state that if the District were to enter into out-of-area service agreements for delivery of potable water to

Tassajara Valley that those agreements could be subject to LAFCo approval. District staff has also been informed that both Contra Costa Water District and the East Bay Municipal Utility District have been similarly approached by Tassajara property owners and that both agencies have refused to provide service. Additional considerations are that the District's Water Supply Contract with the Zone 7 Water Agency precludes permanent water service outside the District unless it is approved by Zone 7; Zone 7 has informally indicated that they would not oppose temporary, emergency water service provided the terms for doing so were reasonable. Another consideration is the Dougherty Valley Settlement Agreement (to which the District is a party along with Zone 7, Livermore and Citizens for Balanced Growth among others), prohibits water service from the District to areas outside of Zone 7 without a vote of the Zone 7 electorate; whether that agreement would apply to temporary, emergency supplies is unknown.

Mr. Michalczyk explained that the purpose of this item is to seek policy level direction from the Board as to whether the situation in Tassajara Valley aligns with a District interest in a way that would justify the District providing temporary water service. If the Board believes it does, then it would be appropriate for the Board to provide broad policy guidance for the terms of such service. A suggested starting point for such terms is provided in Attachment A. This item does not commit the District to provide service in any way; any such commitment would be the subject of a future Board meeting.

President Vonheeder-Leopold invited Board discussion.

Director Howard asked what agency had the Tassajara Valley in their sphere of influence.

Mr. Michalczyk stated that no water agency had the Tassajara Valley in their sphere of influence and it was considered to be a rural residential area. He noted that some wells have run dry in this area or are only producing a trickle of water. He noted that some residents were previously receiving temporary water service via hydrant meters and water trucks from sources other than DSRSD.

Director Benson mentioned that some property owners have contacted EBMUD about connection but EBMUD has declined service.

In response to a question, Mr. Michalczyk explained the issues related to providing recycled water service. Among those is that the Waste Discharge Permit under which the District operates its recycled water deliveries prohibits the use of recycled water for farm animals. He stated that District staff has discussed that situation with staff from the Regional Water Quality Control Board who informally expressed a willingness to explore a temporarily suspension of that prohibition. He stated that recently passed State legislation has set the stage for future delivery of recycled water to pasture animals but that it is not yet allowed.

Mr. Michalczyk stated the challenges to delivering potable water are institutional, but physically it is very easy to transmit the water to the Tassajara Valley if this is the Board's desire.

The Board discussed the matter and agreed that it was not in the District's interest to deliver potable water to the area. The Board directed staff to continue to explore ways to provide temporary recycled water to Tassajara Valley residents.

- E. Declare that "Telecommunications Site Lease Agreement" with New Cingular Wireless PCS, LLC (AT&T) for Cellular Phone Tower at Reservoir 1A is Categorically Exempt from CEQA and Approve Agreement

Engineering Services Manager Biagtan introduced the item before the Board for consideration of a proposed agreement with AT&T for a new cellular telephone site located on the District's Reservoir 1A property on Rhoda Avenue in Dublin. In accordance with the District's Strategic Plan Element 1.5.3, staff negotiated a lease with AT&T. Ms. Biagtan mentioned that Interim Planning & Permitting Division Supervisor Steven Delight who negotiated the agreement would first offer some remarks about this project, then representatives from AT&T would give a project overview, and then several residents present at the meeting wanted to provide their comments to the Board. Ms. Biagtan noted that after preparation of the agenda for tonight's meeting, the District received transmittals from Mr. Ken Mintz from AT&T and Dublin resident Ms. Paulette Tapper related to AT&T cellular service, which have been made available.

Mr. Delight summarized the details of the project proposal, stating that in June 2013, the Jacobs Corporation (formerly FMHC Corporation) contacted the District on behalf of AT&T, evaluated the District's Reservoir 1A site located on Rhoda Avenue in Dublin for placement of a cellular phone tower, and subsequently expressed interest to enter into a lease agreement with the District. At approximately, the same time, AT&T filed a planning application with the City of Dublin on behalf of the District. The proposed equipment would be sited on the south side of the reservoir behind a cinder block soundwall. The antennas would be attached to the wall of the reservoir not higher than the tank and would generally face southwest. The 25 year lease would result in an initial annual \$28,800 payment to the District with an annual 3% increase and four cycles of five-year renewal periods. If approved by the Board, the lease agreement would only take full effect once the City of Dublin Council and/or Planning Commission also approve.

Mr. Ken Mintz, Area Manager, from AT&T addressed the Board and discussed the significant gap in cellular phone coverage in the Rhoda Avenue area neighborhood with AT&T's 3G and 4G LTE service. Mr. Mintz stated they have performed extensive engineering analysis on how to fill that coverage gap and have heard from approximately 60 customers about their service in that area. In recent years, many customers have shut off their landline telephone service. Data use has increased dramatically and many customers depend on wireless services for use within their

homes. Residents rely on data service for small businesses, education, and for public safety purposes--the ability to contact public safety when there is an emergency in their homes. Mr. Mintz concluded his comments and stated that Ms. Radha Sharma, the Site Acquisition Manager, would discuss the project specifics and that Mr. Bill Hammett from Hammett & Edison, a third party expert on radio frequency, would next address the Board.

Ms. Sharma, from Jacobs Corporation, explained the process whereby a request for a cellular tower placement is made. She explained customer demand and reasons to fill coverage gaps with the growing use of voice, data, and streaming services. She discussed the coverage problem area around the Rhoda Avenue neighborhood and the anticipated service improvement after placement of the proposed cell tower. They used a "search ring" with 14 alternatives in the area to pinpoint the best location and explained the process by which the alternatives were rejected. Ms. Sharma distributed associated materials to the Board for the discussion, including a coverage map. She reported they investigated the Laborer's Training Center on Westside Drive in San Ramon and another District reservoir site in west Dublin; AT&T determined these locations did not achieve their coverage gap goals either because they were out of the search ring and/or there was no available power source. Ms. Sharma mentioned the City of Dublin's wireless ordinance that encourages co-locating on existing utility structures. She reviewed the proposed design for the cell tower with nine antennas and other specifics of the installation. She explained that after AT&T held an informal community meeting with some of the surrounding neighbors, AT&T took measures to address some specific neighbor concerns. She stated that AT&T worked to reduce the size of the equipment enclosure to minimize visual impacts, had relocated the antennae array and changed the azimuth to reduce EMF emission toward one resident's home, and is willing to pay an independent third party expert to test levels of EMF within nearby homes prior and after construction to ensure compliance with FCC guidelines. She invited questions and requested Board approval for the lease agreement.

Mr. Hammett, from Hammett & Edison Consulting Engineers in Sonoma, addressed the Board and stated he is a registered professional engineer in the state of California and that a regular part of their practice is the calculation, measurement, and mitigation of radio frequency exposure conditions. Their firm performs work for AT&T, their competitors, landlords, and cities. Their task is to determine exposure levels and how they compare to standards. Mr. Hammett reported their firm analyzed the facility based on the information provided by AT&T as to what they proposed to do. Mr. Hammett attended meetings with the neighbors and learned about their concerns. He confirmed AT&T has rotated the antennas and moved them and that as a result the maximum exposure levels at any of the nearby homes in the neighborhood is 1.3% of the FCC limit for public exposure. That limit includes significant margins of safety and is almost the same standard applied in the UK, Europe and Canada, which he stated is a science based standard. He noted he was available to discuss any concerns.

President Vonheeder-Leopold commented she had several speaker cards. She requested each speaker limit their remarks to three minutes and to not repeat points made by a previous speaker.

Speaker: Ms. Gretchen Hellmann, Dublin Resident – Ms. Hellmann expressed her severe concern for the installation of the cellular equipment and requested AT&T to consider a less impactful location for their business needs. She requested the District Board to stand behind their ideals and values to keep human health and community as the top priority. She expressed concern about the possible noise, safety and health of her young children with the effects of the cellular equipment behind her home, and noted research has been conducted that shows possible long-term health effects because of this type of equipment. Ms. Hellmann stated that even if AT&T tells the neighbors the risk of harm is low or very low, the impact is exponential and not measurable with money. She stated that the Boardmembers are guardians of her family's health and focused on the safety of the water they drink and she expressed her appreciation for this. She noted the potential negative impact on her property value if the cellular equipment is installed. She reminded Directors of one of the District's adopted core values that asks: "Does this decision protect public health and the environment?" Ms. Hellmann commented that AT&T's proposal does not protect public health or the environment. She also noted another core value that asks: "Does the decision treat all concerned fairly, respectfully, honestly and ethically?" She stated she does not think a decision to approve the lease would treat all fairly and would be in favor of AT&T's financial opportunity. Another core value of the District's is: "Does this decision promote a safe environment for the community and the workforce?" She urged the Board to live up to their core values.

Speaker: Ms. Ngoc Nguyen, Dublin Resident – Ms. Nguyen stated that she agrees with the points discussed by Ms. Hellmann and urged the Board to vote against this proposal. She commented that as a pharmacist she knows health studies take a long-time to actually catch up with the health effects. She noted the FCC guidelines say the AT&T equipment is safe, but she asked how updated are the FCC guidelines. She asked the Board to consider the health repercussions of this decision for the future and expressed concerns about the impact to her property resale value, and that she thought the neighbors were being asked to shoulder a heavy and unfair burden.

Speaker: Mr. Francis Rothchild, Dublin Resident – Mr. Rothchild alluded to a realtor report that discusses the reduction of real estate values where a cellular tower is installed. He also commented he does not believe there are any definitive studies that establish that a cellular tower has no adverse long term health effects. Until such a study is done, he does not believe the tower should be allowed where there are lots of young children and adults if the long-term effects on their health are unknown.

Speaker: Mr. Chris Beeson, Dublin Resident – He expressed appreciation for the work AT&T has done in addressing concerns; however, he believes his responsibility is to provide and protect for his family and their financial interests.

He is concerned about AT&T's proposed service over his home and believes it will have a negative effect on his interests. He noted his concern about the ambient noise the installation may have. He believes the cellular tower is in a too densely populated neighborhood.

Speaker: Ms. Lisa Cassidy, Dublin Resident – Ms. Cassidy commented she shares the previous speakers' concerns as it relates to property values and health and she opposes the cell tower installation across the street from her house.

Speaker: Mr. Ed Kokko, Dublin Resident – Mr. Kokko stated that he has spoken to the Board several times on this matter and he wanted to reiterate his concerns about the cellular tower. He highlighted the neighborhood petition contained in the agenda packet materials with over 60 signatures, or two-thirds of the households within the 300' City of Dublin-mandated survey area around the proposed new construction, as well as several letters from families in the neighborhood. He reported that over the last year he and his wife have spent a substantial amount of time considering the AT&T proposal, reviewing information provided by AT&T, talking with safety consultants, conducting their own research, and they have concluded this installation is not right for their family. Mr. Kokko stated he is concerned about health and safety for his two young children, noise impacts, property value, and local environmental impacts. He believes there are alternate sites only 0.5 or 0.6 miles away from AT&T's preferred location albeit a bit higher in elevation. Information on other cell towers was provided to the residents from AT&T; however, these were in commercial areas and approximately 500' to 600' away from homes. Mr. Kokko stated AT&T was reluctant to provide information about other existing cell towers near homes so residents could investigate impacts on their property values. Multiple cell phone carriers have equipment on Westside Drive. He mentioned that if AT&T is allowed to site their equipment on the District's reservoir, other carriers will also likely want to join in and do the same. Mr. Kokko stated there will be 9500 watts emitted in the direction of his home and only 75' away from his property line. He does not believe with the boom in cell phones in recent years there is enough research to keep pace with the health and safety effects. He spoke with Mr. Hammett and was assured the site is safely within federal regulations. However, Mr. Kokko cited ongoing research that lends to concern about the safety.

Speaker: Mr. Barry Cassidy, Dublin Resident – Mr. Cassidy commented he does not approve of the installation of the cellular tower in the Rhoda Avenue/Vomac neighborhood. He does not believe he nor his family, dog, and friends need megawatts going through their bodies and homes and neighborhood for internet or cell phone connection. He believes AT&T can probably find a better location that is not in their backyards.

Speaker: Ms. Nancy Bush, Dublin Resident – Ms. Bush voiced her objection to the proposed cell phone tower. She agreed with the others' concerns about the health and safety and property value impacts due to the proposed cell tower. She was baffled that out of 14 other locations, AT&T wanted to place their controversial tower in the middle of a residential neighborhood. She stated the installation of the

cell phone tower may be a fairly insignificant business issue for AT&T, but it is a very personal issue for the residents in her neighborhood and going forward it could have a significantly negative impact on their lives. She expressed her strong opposition to this cell tower in their neighborhood.

Speaker: Mr. Larry Webster, Dublin Resident – Mr. Webster reported he works for NASA and lives in the Rhoda Avenue neighborhood. He asked why this proposed location is so interesting to AT&T when they could put it up on the hill where the cows live and get most of their desired coverage. Mr. Webster was told by AT&T there is no power up farther on the hill to site their tower. He stated AT&T does not want to pay the cost to bring power to the higher site where there will not be complaints from residents. Residents in his neighborhood do not desire placement of the tower in their neighborhood he said, but they are subject to this issue and decision along with AT&T and the Board. He noted that long-term continuous exposure to even low levels of microwave energy is known to cause cancer. He expressed his disagreement with what he believed was the insufficient analysis of Hammett & Edison and their claims. Mr. Webster also expressed concern about the negative impact on his and other's property values and concluded that he highly objects to the installation of the cellular tower in his neighborhood.

Speaker: Mr. Rothchild – Mr. Rothchild asked Mr. Hammett if his firm is aware of any long-term health studies that definitively show the effects of cell tower emissions on children or adults.

Mr. Hammett answered that definitive studies do exist. The standard in the U.S. continues to be updated and there is a worldwide database of studies. There are over 1,300 studies that have been peer-reviewed and published in journals and reviewed by other researchers of the studies. The U.S. scientists use this information and the last study was conducted in 2005. Another update is anticipated next year. Mr. Hammett further discussed what he referred to as the science based standard and refuted the health impact remarks made by the speakers about the cellular tower impacts. He continued to discuss many of the technical issues and to respond to various comments made by the speakers. He noted that the frequencies used for cellular transmissions were old TV frequencies.

Speaker: Ms. Nguyen – Ms. Nguyen commented the studies Mr. Hammett referred to were from 2005 and anything in the medical world nine years ago would be outdated. She asked Mr. Hammett about the most recent research he had to validate the safety of this tower.

Mr. Hammett commented that the standard adopted by the FCC was the 1992 standard and was adopted in 1996. He explained the standard was revised in 1999--and is an ongoing process with hundreds of people involved in setting new standards--and updated in 2005. An update to the FCC standard is expected in 2015. The standards include all of the research.

Speaker: Mr. Kokko – Mr. Kokko asked Mr. Hammett to comment further about the constant exposure to the rays from the cell tower as discussed in the studies.

Mr. Hammett responded the standards are interesting to read because they discuss the studies in great detail and explain why the studies do not show any basis for long-term health effects at exposure levels such as those of the AT&T tower. He stated he is not a doctor of any kind but rather an engineer. He is reporting the conclusions of the scientists who conducted the studies.

President Vonheeder-Leopold closed the discussion by AT&T's representatives and other members of the audience.

V.P. Duarte reported that Mr. Mintz is a personal friend of his and rhetorically asked, as one of the speakers mentioned, "How would you like it if the cellular tower was installed in your neighborhood?" V.P. Duarte mentioned he is a Rotarian and that Rotary uses a "Four Way Test". One test is, "Is it of benefit to all concerned?" He noted he is troubled about not knowing about the long-term health effects of cellular towers but lots of scientific information states that right now there is no cause for concern. V.P. Duarte stated there are two relevant issues, property value impacts and consideration of alternate locations. He stated that as an engineering contractor who has built projects for AT&T, it is hard for him to understand why the higher site with more equipment and a different alignment without that much more cost would not get the desired result for similar coverage. V.P. Duarte stated he was bothered that 60 to 80 people vehemently oppose this project. He asked why AT&T would want to antagonize an entire neighborhood. He asked if it was really worth it to AT&T.

Ms. Sharma commented that for alternate locations farther on the hillside, there is no power and the locations are out of the AT&T search ring identified by their engineers to eliminate the significant gap in coverage and would not meet their objective. She also clarified that there is no generator at this proposed site and AT&T would be willing to landscape around the cement block wall at the current site.

Mr. Mintz stated that AT&T does not want to antagonize or lose customers. However, the number of customers using and requiring services for their communications is also a safety issue. He noted there are no studies he can point to that address property values and lack of proper cell coverage might be a reason for someone to not move into a particular area.

Director Howard commented that the District Mission's statement sets forth the purpose of this agency to provide the best water and wastewater services it can. He believes the potential cell phone tower is not a core function of the District's line of business and he does not believe there is any reason to impose this amount of anguish on the residents. The amount of annual revenue that would be brought in is

minimal compared to the District's annual budget. He stated he cannot support implementing this AT&T proposal.

Director Halket commented that speaking as a Boardmember on the agency which is the landowner of the site proposed for the facility, and making no determinations about health, property values, and zoning, it is clear to him the incremental revenue is not worth the trouble that would be received by agreeing to this project. He stated he could not support this proposal. He complimented residents for engaging in the public process before a decision is being made rather than afterwards.

Director Halket MOVED that the District not enter into the lease agreement with AT&T and further, unless there is a very substantive change to the proposed terms, that the District not spend any more time to negotiate the lease agreement additional time negotiate a lease. Director Benson SECONDED the MOTION, which CARRIED with FIVE AYES.

President Vonheeder-Leopold commented she believes that the Board is not opposed to an AT&T installation in the right place.

F. Review of District Debt - Regional Bank Bond

Financial Services Manager Archer reported the item before the Board relates to Strategic Plan Goal 1.4.2 that requires an annual review and evaluation of the District's debt issues. There is only one financing issue subject to renegotiation or early repayment. Mr. Archer reviewed that back in FYE 2009, the District negotiated a Regional Bank bond with Bank of America at an interest rate of 4.38%. He stated that, by contrast, at this time the District is earning only 0.8% on its investment portfolio. Thus paying this bond off makes economic sense if interest rates remain fairly constant. There are five remaining years on this debt. The next steps would be to discuss this matter with the City of Pleasanton under the requirements of the Financing Administration Agreement. The City of Pleasanton Director of Finance Emily Wagner informally indicated her support for the idea of paying off this debt also.

General Manager Michalczyk summarized that the District's ongoing financial situation improves by paying off this debt due to the difference in interest rates and that the District has sufficient reserves to do so. He noted that staff needs direction from the Board.

Director Halket asked if the funds that would be used to pay off this debt might be needed in the near term for an extended drought, OPEB payment, etc., and, if so, then would it be better to not prepay the debt?

Mr. Archer explained the money collected to repay this debt comes from expansion funds and current projections indicate sufficient reserves in excess of five years of total debt service payments.

After discussion, the Board's consensus was to move forward with repaying this debt off early.

10. BOARDMEMBER ITEMS

V.P. Duarte attended the Contra Costa Special Districts Association meeting yesterday. They voted to increase dues for the association.

Director Benson shared several gadgets she picked up at the October 8-9, 2014 Water Innovations Conference she attended in Las Vegas, Nevada. She discussed the conference and highlights. She also reported she attended the ACWA Region 5 program October 19-20, 2014 meeting held in Livermore and commented specifically about the interesting speaker, Dr. Phil Duffy, Senior Advisor, U.S. Global Change Research Program, National Science & Technology Council. She complimented Ms. Sue Stephenson and General Manager Michalczyk for their planning and participation in the program.

Director Halket expressed his appreciation to the Board for their approval for him to attend the Water Education Foundation Field Trip October 22-24, 2014; unfortunately, his work schedule will not allow him the time away. The approved funds were not spent as he cancelled before any reservations were made.

President Vonheeder-Leopold commented on the following:

- She attended a tribute to Assemblymember Joan Buchanan on October 13, 2014 hosted by the Tri-Valley United Democratic Campaign and presented her with a beautiful "thank you and goodbye" vase and flowers.
- She attended a three day LAFCo conference October 14-17, 2014 at the DoubleTree Hotel in Ontario and mentioned some of the conference discussions. She highlighted the self-guided tour of the Cucamonga Valley Water District.
- She attended the ACWA Region 5 meeting in Livermore on October 19-20, 2014. She commented on Dr. Duffy's interesting information on climate change and how less snowpack is expected and treating storm water may be the newer trend.
- She attended the Neighborhood Update Meeting on October 20, 2014 at the WWTP.
- She attended the dedication ceremony today renaming the Dublin Post Office in honor of former District Director James "Jim" Kohnen.
- Ms. Tracey Stigers from Brown and Caldwell gave her a historic photo album of the WWTP; the album was passed along to Operations Manager Gallagher for display at the WWTP.

11. CLOSED SESSION

NOT HELD – Conference with Real Property Negotiator – Pursuant to Government Code Section 54956.8

Property: Reservoir 1A, 8208 Rhoda Avenue, Dublin, California

Agency Negotiator: Bert Michalczyk, General Manager

Rhodora Biagtan, Interim Engineering Services Manager

Steve Delight, Interim Planning & Permitting Division Supervisor
Negotiating Parties: AT&T
Under Negotiation: Price and Terms of Payment
Additional Attendees: General Counsel Carl P. A. Nelson

12. REPORT FROM CLOSED SESSION

13. ADJOURNMENT

President Vonheeder-Leopold adjourned the meeting at 8:13 p.m.

Submitted by,

Nancy Gamble Hatfield
District Secretary



Reference General Manager	Type of Action Accept Report	Board Meeting of November 4, 2014
Subject Upcoming Board Calendar		
<input checked="" type="checkbox"/> Motion	<input type="checkbox"/> Minute Order	<input type="checkbox"/> Resolution
<input type="checkbox"/> Ordinance	<input type="checkbox"/> Informational	<input type="checkbox"/> Other
REPORT: <input type="checkbox"/> Verbal	<input type="checkbox"/> Presentation	<input checked="" type="checkbox"/> Staff
B. Michalczyk		<input type="checkbox"/> Board Member

Recommendation:

The General Manager recommends that the Board of Directors accept, by Motion, the attached upcoming Board calendar.

Summary:

The attached Board calendar presents items anticipated by staff to be presented to the Board at the next two Board meetings. This report represents the most current information available to staff as of the preparation of this agenda. Items that are listed may be deferred or eliminated for various reasons including but not limited to staff work not being fully complete, the need for further management, Committee and/or legal review, needed material or information not being received by the District in a timely fashion, etc. Furthermore, matters not listed may be placed on the Board agenda.

This report should be used only as a general guide of what business the District Board will be considering in the near future. The District Secretary should be contacted to confirm the contents of specific agendas. Agendas will be finalized in accordance with the requirements of the Brown Act (generally 72 hours for regular meetings and 24 hours for special meetings).

Committee Review			Legal Review	Staff Review		
COMMITTEE ---	DATE ---	RECOMMENDATION ---	Not Required	ORIGINATOR BLM	DEPARTMENT Executive	REVIEWED BY
ATTACHMENTS <input type="checkbox"/> None						
<input type="checkbox"/> Resolution	<input type="checkbox"/> Minute Order	<input type="checkbox"/> Task Order	<input type="checkbox"/> Staff Report	<input type="checkbox"/> Ordinance		
<input checked="" type="checkbox"/> Cost \$0	<input type="checkbox"/> Funding Source A. B.	Attachments to S&R 1. Upcoming Board Calendar 2. 3.				

TENTATIVE BOARD ITEMS

10/30/2014 1:14:35 PM

Board Mtg	Agenda Item	Water	WWC	Finance	Personnel	Ext. Aff.
11/18/2014	DSRSD Financing Corporation Meeting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Consider Appeal by {name} of Staff Denial of an Exemption to Water Use Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Annual Rate Stabilization Fund Transfer Calculation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Accept Financial Statements - Annual Auditor's Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Adopt CEQA Addendum to EIR for the Recycled Water Expansion Phase 1 Distribution to Western Dublin and Alameda County Facilities (CIP 15-R009) (? This Title May Change!)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Approve Easement Agreement for Recycled Water Service to Alameda County	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Regular and Recurring Reports	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Consider Appeal by {name} of Staff Denial of a Waiver of Enforcement Action Related to Violation of Water Use Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Drought Related Customer Issues and Concerns	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Approve Reimbursement Agreement with City of Dublin for the Dougherty Road Widening Project	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Policy - Adopt Revised Financial Reserve Policy to Conform to Recently Adopted "Guidelines for Conducting District Business" and Rescind Resolution No. 48-12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Resolution to Reallocate City of Dublin Excess Sewer Capacity Rights	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Approve Construction Agreement with McGuire & Hester for Water Distribution to Alameda County Facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Approve Consulting Services Master Agreement and Authorize Task Order No. 1 with Brown & Caldwell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Approve Certificate of Determination of Exemption/Exclusion from Env Review for Alameda Co Facilities Portion of Recycled Water Expansion Phase 1 Dist to W. Dublin & Alameda Co Facilities Proj (CIP 15-R009)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12/2/2014	Annual Board Reorganization	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Board Mtg	Agenda Item	Water	WWC	Finance	Personnel	Ext. Aff.
12/2/2014	Drought Related Budget Adjustment					
	Consider Appeal by {name} of Staff Denial of an Exemption to Water Use Limitations					
	Drought Related Customer Issues and Concerns					
	Consider Appeal by {name} of Staff Denial of a Waiver of Enforcement Action Related to Violation of Water Use Limitations					
	Accept Water Supply and Demand and Drought Response Action Plan Status Reports and Find that the Need for the Community Drought Emergency Still Exists					
	Extend Drought Emergency					
	Closed Session: Direction for Negotiation of Real Property (Neuron)					
	Consider Conversion to Action Style Minutes for Board and Committee Meetings					
	Policy - Records Retention Schedule Policy Update					



Reference Treasurer	Type of Action Accept Report	Board Meeting of November 4, 2014
Subject Report of Checks and Electronic Disbursements Made		
<input checked="" type="checkbox"/> Motion	<input type="checkbox"/> Minute Order	<input type="checkbox"/> Resolution
<input type="checkbox"/> Verbal	<input type="checkbox"/> Presentation	<input type="checkbox"/> Ordinance
REPORT:	<input checked="" type="checkbox"/> Staff	<input type="checkbox"/> Informational
	J. Archer	<input type="checkbox"/> Other
		<input type="checkbox"/> Board Member

Recommendation:

The Treasurer recommends the Board of Directors accept, by Motion, the report showing checks and electronic disbursements made since the last Board agenda

Summary:

Payments shown have been made in accordance with Board established policies for processing payments and are summarized below:

Date Range	09/29/14 – 10/26/2014
Total Amount Paid	\$ 4,237,976.52

Committee Review			Legal Review	Staff Review		
COMMITTEE ---	DATE ---	RECOMMENDATION ---	Not Required	ORIGINATOR J. Archer	DEPARTMENT Fin Serv	REVIEWED BY
ATTACHMENTS <input type="checkbox"/> None						
<input type="checkbox"/> Resolution	<input type="checkbox"/> Minute Order	<input type="checkbox"/> Task Order	<input type="checkbox"/> Staff Report	<input type="checkbox"/> Ordinance		
<input checked="" type="checkbox"/> Cost As shown above	<input type="checkbox"/> Funding Source A. B.	Attachments to S&R 1. Check History Description Listing 2. 3.				

apCkHistDesc

Check History Description Listing

Page: 1

Printed on: 10/24/2014 9:58AM

Dublin San Ramon Services District

From: 9/29/2014 To: 10/26/2014

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
09/29/2014	9292014	03718 HR SIMPLIFIED	2014 POS	226.25	226.25
10/01/2014	608100114	01098 NATIONWIDE RETIREMENT SOLI	NATIONAL DEFERRED COMPENSATION: PAYMENT	65.00	65.00
10/02/2014	82991	00020 A.T.S. ELECTRO-LUBE INTL INC.	JUMBO-LUBER	991.06	991.06
10/02/2014	82992	01013 BARRETT BUSINESS SERVICES	D. LEWIS: W/E 9/7/14	1,228.80	
			L. RIDDLE: W/E 9/12/14	1,126.40	
			C. SCHMIDT: W/E 9/7/14	1,024.00	
			D. LEWIS: W/E 8/24/14	947.20	
			R. LAM: W/E 9/7/14	614.40	
			N. POON: W/E 9/7/14	491.52	
			B. THOMSON: W/E 9/7/14	384.00	
			L. RIDDLE: W/E 8/31/14	384.00	
			M. ZAVALA: W/E 9/7/14	311.04	
			S. SWANSON: W/E 9/12/14	253.44	
			M. ROBERSON: W/E 9/7/14	204.80	
			M. MULLER: W/E 9/7/14	179.20	
			C. DARCY: W/E 9/7/14	168.96	
			C. DARCY: W/E 8/31/14	153.60	
			K. KOLODZIE: W/E 9/7/14	88.32	7,559.68
10/02/2014	82993	00103 C. OVERAA & CO.	14-P027 HYPOCHLORITE TANK AND PIPING REP	52,130.00	52,130.00
10/02/2014	82994	04424 GRAYBAR ELECTRIC COMPANY	RETURN FROM INV #974584136	-44.30	
			CONDUIT FOR WWTP BASIN #1 NEW FLOW METER	1,366.39	
			ELE PARTS FOR RTU POWER AT RES 20A & 30A	340.74	
			CIRCUIT BREAKERS FOR RTU POWER AT RES 20	186.04	
			TOOLS FOR CONDUIT INSTALL	111.93	
			CONDUIT PARTS FOR BASIN #1 FLOW METER	54.43	2,015.23
10/02/2014	82995	00340 NANCY GAMBLE HATFIELD	HATFIELD REIMB EXP AT TRAINING FOR CLERK	236.39	236.39

Check History Description Listing

Dublin San Ramon Services District

From: 9/29/2014 To: 10/26/2014

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
10/02/2014	82996	00386 HDR ENGINEERING INC.	15-R009 TO NO. 5 7/27/14-8/23/14 AMENDMENT 1 TO TASK ORDER NO. 3 6/29/14- ON CALL ENG SVCS 08-2102 TO NO. 2 7/27/14-8/23/14	9,215.74 4,217.69 2,007.71 187.22	15,628.36
10/02/2014	82997	01123 JEREMY HENDRYX	HENDRYX REIMB EXP AT DAVIDSON TRAINING 0	18.80	18.80
10/02/2014	82998	00439 IUOE LOCAL 39	LOCAL 39 UNION DUES: PAYMENT	4,270.03	4,270.03
10/02/2014	82999	00503 LEADERSHIP SERVICES LTD	LEADERSHIP COACHING SESSION W/ MARK GROS	1,156.66	1,156.66
10/02/2014	83000	01293 PK SAFETY SUPPLY	CONFINED SPACE / FALL PROTECTION HELMET	167.81	167.81
10/02/2014	83001	00688 RMC WATER & ENVIRONMENT	14-P005 TO NO. 1 7/26/14-8/29/14	6,836.55	6,836.55
10/02/2014	83002	04973 NATERCIA SAUCEDA	CASE ID FL364781: PAYMENT	616.15	616.15
10/02/2014	83003	01628 SIERRA CHEMICAL COMPANY	16 - 50 LB BAGS OF CITRIC ACID	1,046.40	1,046.40
10/02/2014	83004	05127 VISION SERVICE PLAN - CA (VSF	OCTOBER 2014 - VISION	2,447.80	2,447.80
10/02/2014	83005	04694 VULCAN MATERIALS CO	22.35 TONS OF 3/4IN CL 2 BASE	271.25	271.25
10/02/2014	83006	00937 W.W. GRAINGER, INC.	IMPACT GUN & PERCUSSION DRILL BITS CARTRIDGE FOR LABEL MACHINE PERCUSSION SDS BITS	127.89 84.33 53.93	266.15
10/02/2014	83007	06845 ACTION RESEARCH	STEPHENSON - FOSTERING SUSTAINABLE BEHAV	1,071.00	1,071.00
10/02/2014	83008	06552 BILLING SOLUTIONS INC. AMERI	AMERICAN CONSERVATION & BILLING	1,250.00	1,250.00
10/02/2014	83009	00058 ARROWHEAD MOUNTAIN SPRIN	LAVWMA: BOTTLED WATER SEP '14	8.71	8.71
10/02/2014	83010	06211 ASSOCIATED SERVICES CO.	OPS DEPT HOT BEVERAGE SERVICE SEP '14	238.95	238.95
10/02/2014	83011	00622 AT&T	LAVWMA PS & SANLEANDRO DECHLOR STATION S	98.28	98.28
10/02/2014	83012	01085 CALPERS LONG-TERM CARE PR	LONG-TERM CARE: PAYMENT	98.26	98.26
10/02/2014	83013	06837 ROSHANLAL CHAGANLAL	REFUND 2183 FORINO DR	120.09	120.09

Check History Description Listing

Dublin San Ramon Services District

From: 9/29/2014 To: 10/26/2014

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
10/02/2014	83014	06826 CHANG RUTHENBERG & LONG	CONSULTING SERVICES	2,268.00	2,268.00
10/02/2014	83015	01167 CITY OF DUBLIN	ENCROACHMENT PERMIT 8126 LOCUST PL. HYDR	478.00	478.00
10/02/2014	83016	00157 CITY OF PLEASANTON	WWTP: POTABLE WATER AUG '14 DERWA: POTABLE WATER AUG '14 LAVWMA: POTABLE WATER SEP '14	170.49 146.43 131.08	448.00
10/02/2014	83017	04820 COASTAL IGNITION & CONTROL	COGEN STARTER REBUILD BG LEADS FOR CO-GEN	2,593.73 627.83	3,221.56
10/02/2014	83018	02288 COMPUCOM SYSTEMS INC.	MICROSOFT EA 8219652 - 3 YR RENEWAL ANNU	36,055.08	36,055.08
10/02/2014	83019	04376 CONVERGINT TECHNOLOGIES L	LENEL CSP SOFTWARE SUPPORT THRU 7/31/15	8,121.51	8,121.51
10/02/2014	83020	04376 CONVERGINT TECHNOLOGIES L	Camer & Security System Evaluation	690.00	690.00
10/02/2014	83021	06841 KARL DAI	REFUND 411 JOREE LN	77.15	77.15
10/02/2014	83022	00241 DGS OFS SVC REVOLVING FUNE	NATURAL GAS SERVICE AT THE WWTP - AUGUST	41,066.14	41,066.14
10/02/2014	83023	05367 DOUG HORNER	BOARD MEETING ATTENDANCE - 09/17/14	50.00	50.00
10/02/2014	83024	06833 DUBLIN HISTORICAL PRESERVA	DUBLIN HISTORICAL PRESERVATION ASSOC.- M	150.00	150.00
10/02/2014	83025	06820 DUBLIN SWIM HOUSE	REFUND METER #1637133	238.34	238.34
10/02/2014	83026	05659 ECOLOGICAL CONCERNS INC.	LAVWMA: WESTERN TERMINUS MITIGATION MAIN	11,470.00	11,470.00
10/02/2014	83027	06506 ERBCO CONSTRUCTION SVCS.,	06-6101 PS2C ELECTRICAL FINAL	4,222.71	4,222.71
10/02/2014	83028	00307 FAIRWAY EQUIPMENT & SUPPLY	PLANT PIPING SUPPLIES PLANT PIPING SUPPLIES DERWA: PARTS FOR UV COMPRESSOR UPGRADE COGEN: LEVEL INDICATORS FOR OIL STORAGE SPARE FLUORIDE TRANSFER PUMP FOR WATER D LAVWMA: WELDABLE STEEL 6" FLANGES LAVWMA: FLANGE GASKETS FOR LAVWMA BASIN	2,066.74 1,770.01 1,181.11 1,013.57 895.04 840.98 455.41	

Check History Description Listing

Dublin San Ramon Services District

From: 9/29/2014 To: 10/26/2014

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
			PARTS FOR FERROUS SYSTEM	233.29	
			DERWA: PLUMBING PARTS FOR MF FILTER TRAI	183.94	
			LAWWMA: GASKETS FOR CCTV PROJECT	168.59	8,808.68
10/02/2014	83029	02656 FASTENAL COMPANY	LAWWMA: BOLTS & WASHERS FOR ARV REPLT PR	199.72	199.72
10/02/2014	83030	00314 FEDEX	WWTP: OVERNIGHT DELIVERY CHARGES SEP '14	17.52	17.52
10/02/2014	83031	06320 FORDERER CORNICE WORKS IN	PUMP STATION 20B - DOOR LOUVERS (JOB ORD	3,379.00	3,379.00
10/02/2014	83032	06836 ROBERT GOMBERG	REFUND 6163 MOORE PL	122.00	122.00
10/02/2014	83033	06840 NA GUO	REFUND 1114 AMARYLLIS CIR	201.29	201.29
10/02/2014	83034	04482 HAZARD MANAGEMENT SERVIC	ASBESTOS CONCRETE PIPE SAFETY TRAINING	500.00	500.00
10/02/2014	83035	03149 HDS WHITE CAP CONST SUPPLY	MISC PARTS FOR REPAIRS	6,279.08	
			MISC PARTS FOR REPAIRS	3,918.24	10,197.32
10/02/2014	83036	00388 HEATH'S WELDING SUPPLY	WELDING GEAR	258.12	
			DRAG CUP FOR WELDING SHOP	56.58	314.70
10/02/2014	83037	04747 HOSE AND FITTINGS	RETURN FROM INV 548465	-1,327.59	
			DERWA: PARTS FOR MF COMPRESSORS	3,213.04	1,885.45
10/02/2014	83038	06061 JACKSON LEWIS LLP	GENERAL LEGAL FEES 08/14	238.00	238.00
10/02/2014	83039	06023 JERRY PENTIN	BOARD MEETING ATTENDANCE - 09/17/14	50.00	50.00
10/02/2014	83040	05368 JOHN MARCHAND	BOARD MEETING ATTENDANCE - 09/17/14	50.00	50.00
10/02/2014	83041	06550 KARLA BROWN	BOARD MEETING ATTENDANCE - 09/17/14	50.00	50.00
10/02/2014	83042	03958 LIVERMORE AUTO GROUP	#36 LOCK CYLINDER SET	89.38	89.38
10/02/2014	83043	05852 LOOKING POINT, INC.	SMARTNET RENEWALS UCS & WAP LICS/3850'S	4,974.64	4,974.64
10/02/2014	83044	04452 LOWE'S	MSC SUPPLIES FOR FOD	231.08	231.08
10/02/2014	83045	05897 MERIT RESOURCE GROUP	A. MCCAFFERY: W/E 9/7/14	1,227.40	1,227.40

Check History Description Listing

Dublin San Ramon Services District

From: 9/29/2014 To: 10/26/2014

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
10/02/2014	83046	04031 MORGAN BONANNO DEVELOPM	14-P026 MOISTURE CONDITION AND REGRADE E	10,755.00	10,755.00
10/02/2014	83047	04231 MSC INDUSTRIAL SUPPLY CO	STOOL FOR ELECTRICAL SHOP PARTS & SUPPLIES FOR CO-GEN	344.77 172.41	517.18
10/02/2014	83048	04796 NAPA AUTO PARTS	#93 HEADLIGHTS	16.18	16.18
10/02/2014	83049	00584 NBS GOVT FINANCE GROUP	FY14/15 DV STANDBY CHARGE DISTRICT	8,670.10	8,670.10
10/02/2014	83050	02109 ONE HOUR DELIVERY SERVICE,	ONE HOUR DELIVERY - BOD MAIL DELIVERY 9/	120.00	120.00
10/02/2014	83051	00620 P G & E	TO NO. 4; RES 3B W/PS 4B ELEC - SEPTEMBE PUMP STATION 300C ELEC - SEP '14 RESERVOIR R200 DERWA TANK 2 ELEC - SEP '	1,159.15 525.91 41.71	1,726.77
10/02/2014	83052	04211 PLATT ELECTRIC SUPPLY	REPLACEMENT UPS'S FOR WWTP (QTY 4)	2,703.20	2,703.20
10/02/2014	83053	05543 ADMINISTRATORS (PBIA) PREFE	OCTOBER 2014 - DENTAL	22,758.89	22,758.89
10/02/2014	83054	06303 REALBAY PROPERTIES	REFUND 7600 IRONWOOD DR	202.17	202.17
10/02/2014	83055	00699 REDWOOD COAST PETROLEUM	GASOLINE DELIVERY TO THE WWTP ON 9/8/14	1,792.12	1,792.12
10/02/2014	83056	06838 CAROLINE RHEE	REFUND 4444 CHANCERY LN	63.75	63.75
10/02/2014	83057	00786 SNAP-ON INDUSTRIAL	TOOL REPAIR: TORQUE	138.43	138.43
10/02/2014	83058	00810 STUDIO BLUE REPROGRAPHICS	15-P002 BID DOCUMENT REPRODUCTION 15-W005 BID DOCUMENT REPRODUCTION 14-A018 BID DOCUMENT REPRODUCTION	49.05 20.45 3.68	73.18
10/02/2014	83059	05433 TAYLOR MORRISON	REFUND 3155 PAOLO TER	61.99	61.99
10/02/2014	83060	00839 TEXAS REFINERY CORP	LUBRICANTS FOR WWTP	765.18	765.18
10/02/2014	83061	00862 TIFCO INDUSTRIES	TOOLS: METRIC BIN ASSORTMENT FOR WWTP	611.67	611.67
10/02/2014	83062	00903 UNITED RENTALS, INC.	RENTAL OF SAW FOR REPAIRS ON STAGECOACH,	115.38	115.38
10/02/2014	83063	00556 UNITED WAY OF THE BAY AREA	UNITED WAY: PAYMENT	233.93	233.93

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Date	Check #	Vendor	Description	Amount Paid	Check Total
10/02/2014	83064	05026 UNIVAR USA INC.	SODIUM HYPOCHLORITE FOR THE WWTP 08/25/1	2,299.92	
			SODIUM HYPOCHLORITE FOR THE WWTP 08/20/1	2,279.01	
			SODIUM HYPOCHLORITE FOR THE WWTP ON 09/1	2,273.55	6,852.48
10/02/2014	83065	06285 VALLEYCREST LANDSCAPE DEV	REFUND METER #64833094	185.63	185.63
10/02/2014	83066	06004 VANGUARD CLEANING SYSTEM	SEP 2014: CUSTODIAL SERVICES AT THE DO A	1,675.00	1,675.00
10/02/2014	83067	06649 VANGUARD CONSTRUCTION	REFUND METER #1551418	291.63	291.63
10/02/2014	83068	00933 VWR INTERNATIONAL, INC.	TSA PLATE	11.86	11.86
10/02/2014	83069	06848 BILL WASHINGTON	REFUND CUST 05-45-530000-003	250.00	250.00
10/02/2014	83070	00966 WHITLEY BURCHETT & ASSOCIA	13-S004 TO NO 1AUGUST 2014	3,893.04	3,893.04
10/02/2014	83071	06849 OTTO WILLIAMS	REFUND ACCT #05-44-546820-002	562.95	562.95
10/02/2014	83072	06839 WINDSOR PACIFIC PROP MGMT	REFUND 2908 LANGHORNE DR	171.76	171.76
10/02/2014	83073	05541 WINZER CORPORATION	JANITORIAL SUPPLIES	2,765.60	
			C-SPONGE/SCRUBBER	43.72	2,809.32
10/02/2014	83074	06842 AIHONG ZHANG	REFUND 727 BOWEN CT	208.39	208.39
10/02/2014	83075	00987 ZONE 7 WATER AGENCY	DOUGHERTY VALLEY O&M 7/1 THRU 8/30/14	2,076.10	2,076.10
10/02/2014	11398431	00558 IRS - PAYROLL TAXES	FEDERAL WITHHOLDING TAXES: PAYMENT	421.25	421.25
10/02/2014	204507056	00559 EDD - PAYROLL	CALIFORNIA STATE TAXES: PAYMENT	10.00	10.00
10/06/2014	7961	05511 CALIFORNIA STATE	CHILD SUPPORT GARNISHMENT: PAYMENT	311.07	311.07
10/06/2014	10062014	03718 HR SIMPLIFIED	2014 POS/TRN/FSA/CDA	2,055.79	2,055.79
10/06/2014	607100614	01098 NATIONWIDE RETIREMENT SOLI	NATIONAL DEFERRED COMPENSATION: PAYMENT	42,238.30	42,238.30
10/06/2014	1000474420	00494 PERS	RETIREMENT: PAYMENT	46,312.66	46,312.66
10/07/2014	73617277	00558 IRS - PAYROLL TAXES	FEDERAL WITHHOLDING TAXES: PAYMENT	115,162.23	115,162.23
10/07/2014	305110056	00559 EDD - PAYROLL	CALIFORNIA STATE TAXES: PAYMENT	21,903.16	21,903.16

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
10/09/2014	83076	01013 BARRETT BUSINESS SERVICES	M.ROBERSON: W/E 9/14/14	1,024.00	
			C. SCHMIDT: W/E 9/14/14	1,024.00	
			D. LEWIS: W/E 9/14/14	947.20	
			L. RIDDLE: W/E 9/19/14	844.80	
			J. KAUFFMAN: W/E 9/14/14	844.80	
			R. LAM: W/E 9/14/14	614.40	
			N. POON: W/E 9/14/14	604.16	
			B. THOMSON: W/E 9/14/14	486.40	
			M. ZAVALA: W/E 9/14/14	322.56	
			S. SWANSON: W/E 9/14/14	322.56	
			J. KAUFFMAN: W/E 9/7/14	281.60	
			S. TRAN: W/E 9/7/14	257.28	
			C. DARCY: W/E 9/14/14	241.92	
			S. TRAN: W/E 9/14/14	241.92	8,057.60
10/09/2014	83077	01381 JOYCE CHANG	CHANG REIMB EXP FOR AIR PURIFIER	326.99	326.99
10/09/2014	83078	00216 DAIHOS U.S.A. INC.	HOT BEVERAGE @ DO - OCT. 2014	47.92	47.92
10/09/2014	83079	01242 INFO SEND, INC	UB BILLING PRINTING/MAILING SVCS SEPT. 1	2,113.37	2,113.37
10/09/2014	83080	00473 KEMIRA WATER SOLUTIONS INC	KEMIRA PAX-XL8 FOR DERWA RW TREATMENT ON FERROUS CHLORIDE DELIVERY ON 09/10/14	9,714.43 5,186.22	14,900.65
10/09/2014	83081	01171 MCGUIRE & HESTER	12-P004 1 YR POST CONSTRUCTION MAINTENAN	1,000.00	1,000.00
10/09/2014	83082	04553 PACHECO BROTHERS GARDENI	DO - REPAIRED LATERAL BREAK ON ZONE 10 &	106.75	106.75
10/09/2014	83083	01293 PK SAFETY SUPPLY	GAS DETECTION MONITOR LONG STRAPS GAS DETECTION MONITORS SHORT STRAPS	348.80 87.20	436.00
10/09/2014	83084	03542 LOUISE RUMMEL	RUMMEL REIMB EXP FOR BOARDROOM KITCHEN 0	68.40	68.40
10/09/2014	83085	00762 TESTAMERICA LABORATORIES I	SAMPLE TESTING	220.00	220.00

Check History Description Listing

Dublin San Ramon Services District

From: 9/29/2014 To: 10/26/2014

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
10/09/2014	83086	00843 THE COVELLO GROUP INC	STANDARD SPECS TO CSI - JUNE 1 - JUNE 30 STANDARD SPECS TO CSI - AUG 1 - AUG 31,	3,250.00 425.00	3,675.00
10/09/2014	83087	04694 VULCAN MATERIALS CO	24.71 TONS OF 3/4IN CL 2 BASE FOR REPAIR	299.54	299.54
10/09/2014	83088	03622 JUDY ZAVADIL	ZAVADIL REIMB EXP FOR SCADA MEETING 09/1	57.50	57.50
10/09/2014	83089	02838 AT&T MOBILITY	CONSTRUCTION INSPECTOR 4G HOT SPOTS X2 A	82.52	82.52
10/09/2014	83090	02865 BRENNTAG PACIFIC INC	HYDROFLUOSILICIC ACID FOR TO#2 & #5 HYDROFLUOSILICIC ACID FOR FOD	6,585.43 5,100.04	11,685.47
10/09/2014	83091	02217 BSK ASSOCIATES INC.	SAMPLE TESTING	660.00	660.00
10/09/2014	83092	00105 CAL-STEAM	TEFLON TAPES	47.71	47.71
10/09/2014	83093	01167 CITY OF DUBLIN	FACILITY PERMIT DISTRICT OFFICE	149.00	149.00
10/09/2014	83094	00157 CITY OF PLEASANTON	P'TON FIFTH SUPPLEMENTAL AGREEMENT INTEG	125,000.00	125,000.00
10/09/2014	83095	04820 COASTAL IGNITION & CONTROL	HEAT BLANKET FOR CO-GEN	2,763.15	2,763.15
10/09/2014	83096	06107 COGENT COMMUNICATIONS INC	DUBLINSA00001 INTERENT SERVICE 10/01/201	2,300.00	2,300.00
10/09/2014	83097	00208 CSRMA	DEDUCTIBLE RECOVERY/CLAIM FILE CLOSED	183.00	183.00
10/09/2014	83098	00307 FAIRWAY EQUIPMENT & SUPPLY	PLANT HOSES PLANT SUPPLIES PLANT SUPPLIES	3,069.09 1,832.80 1,337.59	6,239.48
10/09/2014	83099	02656 FASTENAL COMPANY	LAWWMA: PARTS FOR ARV INSTALL PROJECT LOTO LOCKS LAWWMA: NUTS, BOLTS & WASHERS FOR ARV UP	101.25 82.79 62.02	246.06
10/09/2014	83100	00314 FEDEX	WWTP: OVERNIGHT DELIVERY CHARGES OCT '14	17.52	17.52
10/09/2014	83101	06687 FOX LAWSON & ASSOCIATES, IN	COMPENSATION CONSULTING FEES	9,000.00	9,000.00
10/09/2014	83102	00352 GOLDEN STATE FLOW MEASURI	END POINTS FOR NEW METERS 54 UNITS GSFM LID CAPS FOR ENDPOINTS	7,534.08 281.63	7,815.71

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From: 9/29/2014 To: 10/26/2014

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Date	Check #	Vendor	Description	Amount Paid	Check Total
10/09/2014	83103	00368 HACH COMPANY	ANALYZER CHEMICALS	935.35	935.35
10/09/2014	83104	03149 HDS WHITE CAP CONST SUPPLY	MISC PARTS FOR REPAIRS PARTS FOR FOD	1,033.08 69.76	1,102.84
10/09/2014	83105	01376 J & M INC	CIP 15-.W004: ABANDON 1" RW SERVICE	500.00	500.00
10/09/2014	83106	05897 MERIT RESOURCE GROUP	A. MCCAFFERY: W/E 9/14/14	1,227.40	1,227.40
10/09/2014	83107	04796 NAPA AUTO PARTS	E12 JOHN DEERE TRACTOR AIR FILTER #E12 JOHN DEERE TRACTOR GASKET SEALANT	15.60 3.10	18.70
10/09/2014	83108	02109 ONE HOUR DELIVERY SERVICE,	ONE HOUR DELIVERY - BOD MAIL DELIVERY 9/	120.00	120.00
10/09/2014	83109	00620 P G & E	PUMP STATION 300B ELEC - SEP '14 PUMP STATION R200A ELECTRICITY - SEP '14 PUMP STATION 30A ELEC - SEP '14 PUMP STATION R300B ELEC - SEP '14 RESERVOIR 20A ELECTRICITY - SEP '14	8,972.24 4,744.41 2,595.64 1,681.61 51.56	18,045.46
10/09/2014	83110	04211 PLATT ELECTRIC SUPPLY	ELE PARTS FOR RES R20 POWER PROJECT ELE PARTS FOR RES R20 POWER PROJECT	772.73 175.60	948.33
10/09/2014	83111	04951 PLEASANTON TRUCKING	TRUCKING VULCAN MATERIAL TO CAMP PARKS-F	185.33	185.33
10/09/2014	83112	05475 PRESIDIO SYSTEMS, INC.	CCTV WORK FOR DEVELOPMENT PROJECT - MEAD	1,000.00	1,000.00
10/09/2014	83113	00696 RED WING SHOE STORE	J. PETTINICHIO SAFETY BOOTS 8-12-14 TSTODDARD: EMPLOYEE SAFETY SHOES	200.00 200.00	400.00
10/09/2014	83114	00699 REDWOOD COAST PETROLEUM	RED DYED DIESEL DELIVERY ON 9/17/14 GASOLINE DELIVERY TO THE WWTP ON 9/16/14	4,796.58 1,281.55	6,078.13
10/09/2014	83115	00756 SECURITY ETC.	FIRE ALARM ELECTRONIC MONITORING - DERWA FIRE ALARM ELECTRONIC MONITORING - WWTP	165.00 165.00	330.00
10/09/2014	83116	02470 SHRED-IT	SHREDDING SERVICES SEPT. 2014	112.71	112.71

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From: 9/29/2014 To: 10/26/2014

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Date	Check #	Vendor	Description	Amount Paid	Check Total
10/09/2014	83117	00825 SWRCB	LARGE WATER SYSTEM FEES: JULY 2013 - JUN	11,218.51	11,218.51
10/09/2014	83118	00903 UNITED RENTALS, INC.	LAWWMA: COMPRESSOR RENTAL FOR ARV REPLT CONCRETE SAW RENTAL FOR RESERVOIR 20A 9-	205.09 115.38	320.47
10/09/2014	83119	00914 VALLEY PLUMBING HOME CTR, I	REPAIR BACKFLOW UNIT TURNOUT 4 AT ARNOLD	235.00	235.00
10/09/2014	83120	00920 VASCO ROAD LANDFILL	UNLOADING OF WWTP SOLIDS/GRIT ON 9/18 &	517.21	517.21
10/09/2014	83121	00933 VWR INTERNATIONAL, INC.	CHEMICALS AND SUPPLIES ROUGH PUMP OIL COD SOLUTION 300PPM	634.95 55.80 23.61	714.36
10/09/2014	83122	02884 WEST VALLEY CONSTRUCTION	EMERGENCY REPAIR OF MAIN @ STAGECOACH & PAVING WORK @ VARIOUS LOCATION IN DUBLIN PULLED NEW 1" SERVICE @ 7465 AMADORE VAL REPAIRED 4" MAIN @ 7975 SERENA CT. 8-4-1 4" MAIN LEAK REPAIR @ 6917 DORREN CT. ON CUT IN 5' SECTION @ 4TH & MONROE ON 8/26 PULLED 3/4" SERVICES @ 8420 CAVALIER CT. CUT IN 4' SECTION @ 6TH ST & EVANS 7-31- PULLED 3/4" SERVICES @ 7534 IRON WOOD CT	28,479.94 25,279.03 6,191.28 5,639.40 5,268.48 3,901.50 3,819.20 3,775.20 3,528.69	85,882.72
10/09/2014	83123	05814 YORKE ENGINEERING LLC	JUL/AUG 2014: PROFESSIONAL SERVICES AIR	800.50	800.50
10/09/2014	83124	03536 U S BANK/ CORP PMT SYSTEMS	SYSTEM ADMINISTRATION TRAINING COURSE FO PORTOLA HOTEL & SPA-2014 CASA ANNUAL CON VARIDESK WORKSTATIONS A. JOHNSON & E. SC TEMP ETHERNET CONNECTIONS FOR RES R20/30 S DELIGHT - HOTEL FOR 2014 CASA CONFEREN MARRIOTT - 2014 CASA ANNUAL CONFERENCE- STEPHENSON - CASA CONFERENCE 2014 LODGIN LOW FLOW ELEMENT FOR FERRIC CHLORIDE FLO	2,800.00 790.65 745.15 580.48 518.00 518.00 506.58 475.00	

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From: 9/29/2014 To: 10/26/2014

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Date	Check #	Vendor	Description	Amount Paid	Check Total
			ERGONOMIC SIT STAND UNIT AND FLOOR MATS	451.78	
			SOFTWARE FOR WWTP SCADA OPTO UPGRADE TO	447.08	
			CITY OF DUBLIN STORM DRAIN INTERCEPTOR P	440.64	
			MATERIALS FOR FLEET LIGHTING PROJECT	437.80	
			KURTZ HOTEL FOR LUCITY CONFERENCE	435.81	
			MATERIALS FOR FLEET LIGHTING PROJECT	431.63	
			MARRIOTT COURTYARD - RIVERSIDE - HATFIELD	429.64	
			ERGONOMIC SIT STAND UNIT	408.27	
			VARIDESK PRO PLUS FOR JUDY ZAVADIL	401.60	
			CWEA: REGISTRATION - R. GUMBER & C. SANC	380.00	
			COPY PAPER, PEN REFILLS, LINEN PAPER, ET	369.79	
			PUMP FOR ODOR REDUCTION TOWER	335.06	
			LAWWMA ENCROACHMENT PERMIT FOR CASTRO VA	324.00	
			BATTERIES FOR R200B SOLAR POWER	321.51	
			BRADY LABELER REPAIR COST	320.31	
			PRINTABLE TABS, DIGITAL PAPER, ETC	317.68	
			DIESEL FUEL IN TRUCK #35	300.00	
			PARTS WASHER FLUID	284.23	
			POWER SUPPLY FOR FERRIC CHLORIDE FLOW ME	271.06	
			2015 ASCE MEMBERSHIP RENEWAL FOR RUDY PO	270.00	
			S. DELIGHT ASCE 2014 MEMBERSHIP RENEWAL	265.00	
			SOUTHWEST AIRLINES- HATFIELD- TTC TRAINI	264.70	
			LODGING: CASA CONFERENCE ON 8/22/14	263.55	
			MATENDIDO: REGN FEE FOR ELE SAFETY ESSEN	263.49	
			SPARE LEVEL TRANSMITTERS FOR CHLORINE TA	234.94	
			(2) US FLAGS, (2) CA FLAGS FOR DO	225.08	
			SUPPLIES FOR A REPAIR @ KINSMILL & MULBE	180.94	
			CWEA MEMBERSHIP RICHARD MADDUX	180.00	
			ARCHER AICPA MEMBERSHIP RENEWAL FY 2015	176.25	

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From: 9/29/2014 To: 10/26/2014

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Date	Check #	Vendor	Description	Amount Paid	Check Total
			#14 REPAIRED FUEL GUAGE	175.00	
			BJOHNSON: MEMBERSHIP	156.00	
			MEC OPERATING SUPPLIES	146.98	
			J. PETTINICHIO HOTEL FOR CWEA NRTC CONFE	146.45	
			OFFICE SUPPLIES: SHEET PROTECTORS, PAPER	145.52	
			MISC OPERATING SUPPLIES	140.99	
			6U IT WALL MOUNT NETWORK CABINET	139.95	
			BAMBOO CUBICLE/CHAIR MAT (LAWSON)	139.51	
			OFFICE SUPPLIES:CARTRIDGES, BATTERY	133.71	
			30 - 5 GALLON BUCKETS & LIDS -R/W FILL S	132.76	
			MATERIAL FOR REPAIR @ STAGECOACH CURB	126.44	
			HOTWIRE-CAR RENTAL-HATFIELD-TTC TRAINING	124.19	
			OFFICE SUPPLIES:POLY FILE FOLDERS, WRITI	122.18	
			LAVWMA MEETING 9-3-14	122.00	
			BUCKETS AND LIDS FOR R/W FILL STATION	121.55	
			CWEA NORTHERN SAFETY DAY SEMINAR - R. MA	110.00	
			BJOHNSON: REGN FEE FOR NORTHERN SAFETY D	110.00	
			COMPUTER COMPONENT - GRAPHIC DESIGNER CO	103.54	
			WIIRELESS MOUSE & KEYBOARD FOR JUDY ZAVA	100.12	
			DIESEL FUEL IN TRUCK #35	100.00	
			CO-GEN GROUP TEAM BUILDING	88.61	
			WIRELESS KEYBOARD AND MOUSE	87.18	
			OIL PUMP REBUILD KIT FOR 535 THREADER	84.78	
			S. OLSON - HOTEL DEPOSIT FOR WATERSMART	84.00	
			KHAW - HOTEL DEPOSIT FOR WATERSMART INNO	84.00	
			SOUTH POINT HOTEL - ROOM DEPOSIT CHARGE	84.00	
			BAB2E MEETING BUSINESS EXPENSE	81.20	
			FASTENERS FOR CONDUIT SUPPORT FOR RES 20	81.10	
			VIDEO EDITING SOFTWARE	80.10	

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From: 9/29/2014 To: 10/26/2014

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Date	Check #	Vendor	Description	Amount Paid	Check Total
			ELE/FOD CONSTRUCTION MEETING FOR RES 20A	78.18	
			VIDEO CAMERA BATTERY	76.29	
			QTY (1) DELL DVD/RW FOR LEVI FULLER	76.29	
			S. OLSON - BLUETOOTH HEADSET FOR PHONE	76.00	
			ENERGY WATER NEXUS SUMMIT 3 JUDY ZAVADIL	74.50	
			AWWA: HANDBOOK - WATER DISTRIBUTION OPER	70.50	
			TOOLS FOR SHOP USE: BLOWGUNS; AUTO PLUGS	68.57	
			SUBSCRIPTION RENEWAL (2 YRS) - CHICAGO M	60.00	
			NEW COMPATIBLE LANIER TONER CARTIDGE, BL	60.00	
			40 BIAGTAN TOASTMASTERS SPEAK EASY DUBLI	57.60	
			FLOWERS FOR TEMP MULLER	54.74	
			ELE DIV LEADS' MEETING	52.43	
			OFFICE DEPOT - CABLES N. HATFIELD COMPUT	49.17	
			CLEANER FOR UV LAMPS	46.80	
			QTY (1) DIGITIZER PEN FOR MOTAB AT FOD	45.78	
			PHOTO RESTORATION - 1961 WWTP PHOTO	43.60	
			SHOP FLOOR MAT	43.58	
			EXTRA LONG VGA MONITOR CABLE	42.60	
			SLIDE BOLT & GATE SPRING FOR DAFT DOOR	42.40	
			(20) MESH SS SCREEN FOR CO-GEN	41.25	
			DUAL MONITOR STAND FOR AARON JOHNSON	39.98	
			BAB2E COMMUNICATIONS TEAM MEETING 090414	39.63	
			120V AC CURRENT CHECK FOR UPS	37.92	
			ANTI FATIGUE MAT FOR EVITA SCHNUPP	37.90	
			PROGRAMMING ADAPTERS & CABLES FOR CO-GEN	37.77	
			QTY (1) LAPTOP BAG FOR LOANER LAPTOP	35.89	
			STEPHENSON - CASA CONFERENCE 2014 MEAL	32.34	
			UPS DELIVERY FOR RMA RETURNS (5 EP)	32.13	
			BATTERIES FOR LINE LOCATOR	30.50	

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From: 9/29/2014 To: 10/26/2014

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Date	Check #	Vendor	Description	Amount Paid	Check Total
			MT. DIABLO ARMA CHAPTER MEETING	30.00	
			HAND DISK MOUNTING HARDWARE FOR SECURITY	29.84	
			O-RINGS FOR H2S MONITOR	29.66	
			PRO SUBSCRIPTION (SEPTEMBER 2014)	26.00	
			LAVWMA: DRINKS FOR O&M COORDINATION AND	25.48	
			FASTRAK REPLENISHING CHARGE AUG '14	25.00	
			MISC SUPPLIES	24.07	
			STAPLES - PLEASE POST PRE-INKED STAMP	23.97	
			DONUTS FOR JOINT MAINT MEETING - 08/21/1	20.00	
			DONUTS FOR JOINT MAINT MEETING - 09/18/1	20.00	
			STEPHENSON - CASA CONFERENCE 2014 MEAL	19.61	
			FOD LAUNDRY SOAP	19.58	
			DAYTON FAN GUARDS & FILTERS	19.14	
			CASA: Parking - D. Gallagher on 8/21/14	17.00	
			STEPHENSON - ACWA COMMUNICATIONS COMMITT	16.50	
			EXTRA LONG MONITOR POWER CORD	16.30	
			STEPHENSON - UTILITY BRANDING NETWORK MT	16.00	
			OFFICE DEPOT - CABLES N. HATFIELD COMPUT	15.15	
			BAB2E MEETING BUSINESS EXPENSE	14.86	
			E12 JOHN DEERE TRACTOR 'O' RINGS	11.49	
			SERIAL ADAPTERS FOR SCADA PROGRAMMING LA	11.25	
			COMPUTER GROMMENTS	9.03	
			SPEAKER MICROPHONE BATTERY	8.26	
			FAX SERVICE - SEPTEMBER 2014	7.95	
			STEPHENSON - CASA CONFERENCE 2014 PARKIN	7.00	
			USB CABLE FOR NEXUS TABLET FOR AARON JOH	6.53	
			PLASTIC CHAIN FOR LOCKING OUT FSL VALVES	2.97	
			PARKING \$1.00 - FOR LAVWMA MANHOLE COVER	1.00	
			COMPUTER COMPONENT - GRAPHIC DESIGNER CO	-7.63	

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From: 9/29/2014 To: 10/26/2014

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Date	Check #	Vendor	Description	Amount Paid	Check Total
			REFUND: SPARE LEVEL TRANSMITTER FOR CHLO	-114.97	
			RUBBER BOOTS REFUND/CREDIT MEMO (B. BRO	-204.49	21,348.45
10/10/2014	1000471876	01111 CALPERS	OCTOBER 2014 - ER CODE 0740 & 7316	174,402.90	174,402.90
10/13/2014	10132014	03718 HR SIMPLIFIED	2014 POS	300.39	300.39
10/14/2014	6465546	00591 NEOPOST USA INC.	POSTAGE ADVANCE 10/14/2014	1,000.00	1,000.00
10/16/2014	83125	00710 AAI TERMITE & PEST CONTROL	PEST CONTROL @ FSL MCC BLDG	350.00	350.00
10/16/2014	83126	01013 BARRETT BUSINESS SERVICES	M. ROBERSON: W/E 9/21/14	1,024.00	
			C. SCHMIDT: W/E 9/21/14	1,024.00	
			L. RIDDLE: W/E 9/21/14	844.80	
			J. KAUFFMAN: W/E 9/21/14	844.80	
			D. LEWIS: W/E 9/21/14	777.60	
			B. THOMPSON: W/E 9/21/14	665.60	
			R. LAM: W/E 9/21/14	614.40	
			N. POON: W/E 9/21/14	552.96	
			C. DARCY: W/E 9/21/14	311.04	
			S. TRAN: W/E 9/21/14	307.20	
			A. FARSAI: W/E 9/21/14	261.12	
			S. SWANSON: W/E 9/21/14	253.44	
			M. ZAVALA: W/E 9/21/14	249.60	7,730.56
10/16/2014	83127	05359 BURKE, WILLIAMS & SORENSEN	GENERAL COUNSEL SVCS - AUGUST 2014	1,538.68	1,538.68
10/16/2014	83128	00249 DLT SOLUTIONS, LLC.	SOLARWINDS NPM SL250 & NTA SL500 RENEWAL	2,017.64	2,017.64
10/16/2014	83129	06114 EID, INC.	15-A006 TRUSTWORTHY ECMS	9,240.00	9,240.00
10/16/2014	83130	03930 GEXPRO GENL SUPPLIES &	LAWWMA: GE GLOBAL CARE	2,857.02	2,857.02
10/16/2014	83131	04424 GRAYBAR ELECTRIC COMPANY	LAWWMA: ELE PARTS FOR EXIT GATE #3 REPAI	1,791.07	
			SPARE DIMMING BALLASTS FOR DO	407.25	
			RELAY FOR INFLUENT GATE CONTROL 1912-191	227.34	

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			CONDUIT FITTINGS FOR NEW FLOW METER INTO	208.61	
			STARTER RESET BUTTONS FOR EAST DUBLIN LI	108.57	
			RTU POWER BREAKER FOR RES 20A, 30A	31.29	
			ELE PARTS FOR BASIN #1 FLOW METER	16.72	2,790.85
10/16/2014	83132	00473 KEMIRA WATER SOLUTIONS INC	FERROUS CHLORIDE DELIVERY ON 09/26/14	5,146.98	5,146.98
10/16/2014	83133	00608 OFFICE TEAM	TEMP SVCS W/E 10/03/14 - MONTAGUE	890.63	890.63
10/16/2014	83134	01403 PRAXAIR DISTRIBUTION INC 186	CYLINDER RENTAL	59.24	59.24
10/16/2014	83135	00688 RMC WATER & ENVIRONMENT	CLEAN WATER PROGRAM ASSISTANCE - 7/26 -	19,092.29	19,092.29
10/16/2014	83136	04973 NATERCIA SAUCEDA	CASE ID FL364781: PAYMENT	616.15	616.15
10/16/2014	83137	00762 TESTAMERICA LABORATORIES I	SAMPLE TESTING	25.00	25.00
10/16/2014	83138	05026 UNIVAR USA INC.	SODIUM HYPOCHLORITE FOR THE WWTP ON 09/2	2,279.47	
			SODIUM HYPOCHLORITE FOR DERWA OPERATIONS	1,883.59	4,163.06
10/16/2014	83139	03622 JUDY ZAVADIL	ZAVADIL REIMB BACWA SF BAY NUTRIENTS SUM	50.00	50.00
10/16/2014	83140	01719 A & M PRINTING, INC.	PRINTING SERVICES - AQUAHAWK/P2 INSERT	1,090.56	
			DROUGHT - #10 WINDOW ENVELOPES FOR CUSTO	204.68	1,295.24
10/16/2014	83141	02326 ABPA	S. OLSON - ABPA MEMBERSHIP RENEWAL 2014	70.00	70.00
10/16/2014	83142	00991 ACCU STANDARD, INC.	CALIBRATION STANDARD SOLUTIONS	289.23	289.23
10/16/2014	83143	01076 ALSCO INC	WWTP TOWEL SERVICE SEP '14	245.50	
			FOD TOWEL SERVICE SEP '14	129.80	375.30
10/16/2014	83144	02158 AMADOR VALLEY INDUSTRIES	DO GARBAGE- DO 107786 SEPTEMBER 2014	307.67	307.67
10/16/2014	83145	01195 AMERICAN BATTERY CO.	BATTERIES FOR STOCK	145.91	145.91
10/16/2014	83146	06552 BILLING SOLUTIONS INC. AMERI	AMCOBI MONTHLY SERVICE	1,250.00	1,250.00
10/16/2014	83147	01954 ANDERSON'S UNIFORMS	UNIFORM ITEMS: STEPHAN KOZANDA	277.68	
			UNIFORM ITEMS: AARON CASTRO	262.69	

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			UNIFORM ITEMS: BILL SMITH	70.03	610.40
10/16/2014	83148	00058 ARROWHEAD MOUNTAIN SPRING	OPS DEPT BOTTLED WATER OCT '14	232.74	232.74
10/16/2014	83149	05097 BATTERIES PLUS	UPS BATTERIES	173.21	173.21
10/16/2014	83150	00091 BOLD, POLISNER, MADDOW, NEI	MONTHLY LEGAL SERVICES - 09/14	11,434.79	11,434.79
10/16/2014	83151	05404 CALIFORNIA FIRST AID AND SAFETY	FIRST AID KITS FOR TURNOUTS	1,281.84	1,281.84
10/16/2014	83152	01085 CALPERS LONG-TERM CARE PROGRAM	LONG-TERM CARE: PAYMENT	98.26	98.26
10/16/2014	83153	00118 CALTEST ANALYTICAL LAB	SAMPLE TESTING	180.50	180.50
10/16/2014	83154	05196 COMCAST	BUSINESS TV BASIC 10/07/14 - 11/06/14	13.98	13.98
10/16/2014	83155	00280 ECOWATER SYSTEMS	LAB WATER SOFTENER EXCHANGE TANKS OCT '1	205.20	205.20
10/16/2014	83156	06638 INC. ENVIRONMENTAL WATER SERVICES	FUEL SKID: INSTALL NEW OIL PUMP	1,239.41	1,239.41
10/16/2014	83157	00307 FAIRWAY EQUIPMENT & SUPPLY	VENT HOSE FOR BAR SCREENS	526.40	526.40
10/16/2014	83158	03900 GARTON TRACTOR INC	DLD HARVESTING: TRACTOR RENTAL SEP '14	5,514.75	5,514.75
10/16/2014	83159	00352 GOLDEN STATE FLOW MEASUREMENT	END POINTS FOR NEW METERS 216 UNITS	30,136.32	
			32 SEN-9165 METERS	2,510.04	32,646.36
10/16/2014	83160	00368 HACH COMPANY	100 SPADNS FLUORIDE ACCUVAC, PK/25	3,856.33	3,856.33
10/16/2014	83161	03149 HDS WHITE CAP CONST SUPPLY	MISC PARTS	3,224.88	3,224.88
10/16/2014	83162	03149 HDS WHITE CAP CONST SUPPLY	MISC PARTS FOR REPAIRS	163.41	
			RICE STRAW & WOOD STAKE	55.41	218.82
10/16/2014	83163	00388 HEATH'S WELDING SUPPLY	GAS SUPPLIES AND RENTAL	325.91	
			(3) LIQUEFIED PETROLEUM GAS FOR FORKLIFT	147.15	
			XL CAPE SLEEVE & DRAG CUP FOR WELDING SH	95.87	
			COMPRESSED GAS FOR WELDER	76.30	645.23
10/16/2014	83164	03142 HI-LINE	TOOL CRIMPERS WEATHER PACK	197.37	197.37

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10/16/2014	83165	00468 KAMAN INDUSTRIAL TECHNOLO	SHEAVES; BUSHINGS; V-BELT	443.58	
			V-BELTS	260.05	
			WHIP HOSES	61.55	
			V-BELTS	39.83	
			PRESSURE GAUGE FOR BLDG D HYDRAULIC LIFT	23.29	828.30
10/16/2014	83166	06166 KBA	COPIERS UCC & LEASE 10/01-10/31/14	805.52	805.52
10/16/2014	83167	06166 KBA	COPIER FOD/ENGR/MAINT 09/1/14 - 09/30/14	232.54	232.54
10/16/2014	83168	05897 MERIT RESOURCE GROUP	A. MCCAFFERY: W/E 9/21/14	1,227.40	1,227.40
10/16/2014	83169	00574 MUNICIPAL MAINT EQUIP INC.	#42 VACON WATER SWIVELS	339.39	339.39
10/16/2014	83170	06190 NATIONAL METER & AUTOMATIC	LAWWMA: COMPOSITE FRAME & COVER DUBLIN C	1,179.10	1,179.10
10/16/2014	83171	04970 NCM ODOR CONTROL	ODOR COUNTERACTANT: SL-2000 DELIVERED ON	8,045.71	8,045.71
10/16/2014	83172	00595 NEWARK ELECTRONICS	ELE PARTS FOR INFLUENT GATES	822.51	822.51
10/16/2014	83173	01257 OMEGA INDUSTRIAL SUPPLY INC	TOMBSTONE, POW, SAFE STEP YELLOW	964.28	964.28
10/16/2014	83174	00620 P G & E	WWTP ELECTRICITY - SEP '14	30,982.74	
			PUMP STATION 200A ELEC - SEP '14	6,089.71	
			DISTRICT OFFICE ELECTRICITY - SEP '14	4,706.67	
			PUMP STATION R200B ELEC - SEPTEMBER 2014	4,012.57	
			PUMP STATION 2B ELEC - SEPTEMBER 2014	878.37	
			PUMP STATION 4A ELEC - SEP '14	615.71	
			PUMP STATION 300A ELEC - SEPTEMBER 2014	457.50	
			DISTRICT OFFICE GAS SERVICE - SEPTEMBER	316.22	
			DO UTILITY BUILDING ELEC - SEP '14	116.70	
			RESERVOIR R100 ELEC - SEP '14	18.11	
			ALAMO TRUNK SEWER ELEC - SEP '14	16.46	
			DO UTILITY BUILDING GAS SVC - SEPTEMBER	13.98	
			JOHNSON DRIVE STREETScape ELEC - SEP '14	12.24	48,236.98

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10/16/2014	83175	04211 PLATT ELECTRIC SUPPLY	(4) U.P.S. FOR RESERVOIR 20A,30A, R20 RT ELE STOCK PARTS ELE SUPPLIES FOR SHOP STOCK	2,703.20 176.13 26.41	2,905.74
10/16/2014	83176	00663 PLEASANTON GARBAGE SVC IN	TRANSPORT OF SOLIDS/GRIT SCREENINGS SEP	3,707.96	3,707.96
10/16/2014	83177	03442 RABBIT OFFICE AUTOMATION	COPIER LEASE LAB/CUST SVC - OCT. 2014	554.33	554.33
10/16/2014	83178	00699 REDWOOD COAST PETROLEUM	GASOLINE DELIVERY TO THE WWTP ON 9/25/14	1,700.72	1,700.72
10/16/2014	83179	02466 RICOH AMERICAS CORP	COPIER USAGE JULY - SEPT. 2014 COPIER USAGE JULY - SEPT. 14 HR/FIN	838.59 460.49	1,299.08
10/16/2014	83180	06859 JOHN SAWICKI	REFUND ACCT #07-75-271200-003	46.69	46.69
10/16/2014	83181	02470 SHRED-IT	SHREDDING SERVICES SEPT. 2014	84.53	84.53
10/16/2014	83182	06853 SANDRA M SPERLING	REFUND OVER-PMT ACCT #01-06-075240-000	982.48	982.48
10/16/2014	83183	00810 STUDIO BLUE REPROGRAPHICS	15-P002 BID REPRODUCTION	206.34	206.34
10/16/2014	83184	00829 T & T VALVE & INSTRUMENTS IN	REPLACE 10 ARVS - LAVWMA EXPORT PIPELIN	78,869.91	78,869.91
10/16/2014	83185	00903 UNITED RENTALS, INC.	RENTAL: BOOM TRUCK FOR DIGESTER FERRIC D	1,014.49	1,014.49
10/16/2014	83186	00556 UNITED WAY OF THE BAY AREA	UNITED WAY: PAYMENT	233.93	233.93
10/16/2014	83187	04969 UTILITY TRAINING ACADEMY	UTILITY LOCATE AND MARK TRAINING	3,600.00	3,600.00
10/16/2014	83188	00924 VERIZON WIRELESS	ON-CALL OP'S CELL PH SVC 09/04 -10/03/14	913.56	913.56
10/16/2014	83189	00933 VWR INTERNATIONAL, INC.	CHEMICALS AND SUPPLIES CHEMICALS AND SUPPLIES CHEMICALS AND SUPPLIES CHEMICALS AND SUPPLIES CHEMICALS AND SUPPLIES	186.07 97.37 26.68 14.85 13.85	338.82
10/16/2014	83190	05541 WINZER CORPORATION	CREDIT: (4) 36GAL METAL TRASH CAN FROM O (4) 36GAL METAL TRASH CAN	-1,467.10 1,467.10	

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			JANITORIAL SUPPLIES: PAPER PRODUCTS	210.46	210.46
10/16/2014	83191	00987 ZONE 7 WATER AGENCY	SEPTEMBER 2014 CONNECTION FEES	1,560,069.20	1,560,069.20
10/20/2014	7962	05511 CALIFORNIA STATE	CHILD SUPPORT GARNISHMENT: PAYMENT	276.92	276.92
10/20/2014	10202014	03718 HR SIMPLIFIED	2014 POS/FSA/DCA	2,204.71	2,204.71
10/20/2014	607102014	01098 NATIONWIDE RETIREMENT SOLI	NATIONAL DEFERRED COMPENSATION: PAYMENT	45,154.97	45,154.97
10/20/2014	1000479503	00494 PERS	RETIREMENT: PAYMENT	46,294.41	46,294.41
10/21/2014	41784056	00559 EDD - PAYROLL	CALIFORNIA STATE TAXES: PAYMENT	22,464.84	22,464.84
10/21/2014	75824061	00558 IRS - PAYROLL TAXES	FEDERAL WITHHOLDING TAXES: PAYMENT	116,314.37	116,314.37
10/23/2014	83192	00710 AAI TERMITE & PEST CONTROL	LAWWMA: TERMITE & PEST CONTROL OCT '14	72.00	72.00
10/23/2014	83193	00031 ALLIED PACKING & SUPPLY INC.	1.688" CHESTERTON #155 CARTRIDGE SEAL FO	1,988.16	1,988.16
10/23/2014	83194	00053 JOHN ARCHER	ARCHER REIMB EXP FOR ZONE 7 MEETINGS	60.16	60.16
10/23/2014	83195	01013 BARRETT BUSINESS SERVICES	M. ROBERSON: W/E 9/28/14	1,024.00	
			C. SCHMIDT: W/E 9/28/14	972.80	
			D. LEWIS: W/E 9/28/14	780.80	
			B. THOMSON: W/E 9/28/14	640.00	
			L. RIDDLE: W/E 9/28/14	601.60	
			J. KAUFFMAN: W/E 9/28/14	588.80	
			N. POON: W/E 9/28/14	532.48	
			S. SWANSON: W/E 9/28/14	322.56	
			M. ZAVALA: W/E 9/28/14	322.56	
			C. DARCY: W/E 9/28/14	168.96	5,954.56
10/23/2014	83196	00085 RHODORA BIAGTAN	BIAGTAN REIMB EXP AT DWR IN SACRAMENTO 0	56.50	
			BIAGTAN REIMB FUEL FOR DISTRICT VEHICLE	54.70	111.20
10/23/2014	83197	05875 BRETT CASTELLO	CASTILLO REIMB EXP AT MISAC CONF 10/05 -	101.28	101.28
10/23/2014	83198	01623 EAST BAY DISCHARGERS AUTHI	O&M ASSESSMENT - FINAL FY 2013/14	-120,570.94	

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			O&M ASSESSMENT - OCTOBER 1, 2014 QTR	160,639.25	40,068.31
10/23/2014	83199	04691 INC. EQUIFAX INFORMATION SV	EQUIFAX	452.24	452.24
10/23/2014	83200	00335 LEVI FULLER	FULLER REIMB EXP AT BACWA SYMPOSIUM 10/0	14.00	14.00
10/23/2014	83201	04424 GRAYBAR ELECTRIC COMPANY	ELE PARTS FOR RES 300A LIT INSTALLATION	42.10	42.10
10/23/2014	83202	00386 HDR ENGINEERING INC.	AMENDMENT 1 TO TASK ORDER 3 SVCS THRU 8/	3,681.03	3,681.03
10/23/2014	83203	01242 INFO SEND, INC	UB BILLING PRINTING/MAILING SVCS SEPT. 1	4,022.03	4,022.03
10/23/2014	83204	00478 FLORENCE KHAW	KHAW REIMB EXP AT WATERSMART CONF AND EX	213.64	213.64
10/23/2014	83205	04529 LAI & ASSOCIATES, INC.	FIELD DENSITY TESTING @ 8077 PEPPERTREE	676.26	676.26
10/23/2014	83206	01171 MCGUIRE & HESTER	INSTALL MANHOLE COMPOSITE LIDS	9,700.00	
			ON-CALL EMERGENCY REPAIR: SCARLETT CT. H	9,093.15	18,793.15
10/23/2014	83207	00608 OFFICE TEAM	TEMP SVCS W/E 10/10/14 - MONTAGUE	712.50	712.50
10/23/2014	83208	01078 STEFANIE OLSON	OLSON REIMB EXP AT BAWCC AND BAPPG MEETI	21.00	21.00
10/23/2014	83209	04553 PACHECO BROTHERS GARDENI	MONTHLY LANDSCAPE MAINTENANCE OCT '14	3,360.00	
			LANDSCAPE MTCE AT PS R200A; RES 200A; PS	75.00	3,435.00
10/23/2014	83210	00762 TESTAMERICA LABORATORIES I	SAMPLE TESTING	45.00	45.00
10/23/2014	83211	00843 THE COVELLO GROUP INC	13-P007 ENGINEERING SUPPORT SVCS 9/1/14-	1,200.00	1,200.00
10/23/2014	83212	01516 TREPPA, BOB	TREPPA REIMB EXP AT MISAC CONF 10/05-10/	4.28	4.28
10/23/2014	83213	05026 UNIVAR USA INC.	SODIUM HYPOCHLORITE FOR THE WWTP ON 10/0	2,272.20	2,272.20
10/23/2014	83214	01719 A & M PRINTING, INC.	BUSINESS CARDS - MULTIPLE EMPLOYEES	477.05	477.05
10/23/2014	83215	00019 A-1 ENTERPRISES	DROUGHT: PORT-A-POTTY & HANDWASHING STAT	236.46	
			LAVWMA: WEEKLY STREET SWEEPING SEP '14	220.00	
			WWTP: BI-MONTHLY STREET SWEEPING AUG/SEP	170.00	626.46
10/23/2014	83216	05872 ALL INDUSTRIAL ELECTRIC SUP	LAVWMA: REPLT BREAKER FOR PANEL "E"	56.68	56.68

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10/23/2014	83217	02098 AMERICAN UNDERGROUND	REFUND METER #1576585	427.65	427.65
10/23/2014	83218	06349 ARCSINE ENGINEERING	09-6101 TO NO. 1 8/1/14-8/31/14	22,473.57	22,473.57
10/23/2014	83219	00058 ARROWHEAD MOUNTAIN SPRING	LAB BOTTLED WATER	25.12	25.12
10/23/2014	83220	00059 ASCE MEMBERSHIP	BIAGTAN ASCE RENEWAL 2015	350.00	350.00
10/23/2014	83221	00622 AT&T	LAVWMA PS PHONE & DSL OCT '14	200.11	200.11
10/23/2014	83222	02026 C.H.BULL CO.	ZINC ANODE & SS BRAIDED HOSE FOR CO-GEN	1,030.24	1,030.24
10/23/2014	83223	00105 CAL-STEAM	SUPPLIES FOR REPAIRS	37.15	37.15
10/23/2014	83224	00118 CALTEST ANALYTICAL LAB	14-P004 NUTRIENT SAMPLING	332.50	
			14-P004 NUTRIENT SAMPLING	166.25	498.75
10/23/2014	83225	05410 CENTRAL CONTRA COSTA SANITARY	ANNUAL SEWER SERVICE CHARGES 2014-15	912.00	912.00
10/23/2014	83226	01167 CITY OF DUBLIN	CITY OF DUBLIN-SHANNON COMMUNITY CTR - R	750.00	750.00
10/23/2014	83227	06614 COAST RADIO COMPANY, INC.	RADIO AD FOR SEPTEMBER 2014 - DROUGHT ME	1,890.00	1,890.00
10/23/2014	83228	05780 CONTRACTOR COMPLIANCE INC	LCP APPLICATION TO DIR SEPT 2014 SVCS	750.00	750.00
10/23/2014	83229	00014 COUNTY OF ALAMEDA	SEPTEMBER 2014 FUEL CHARGES	5,248.34	5,248.34
10/23/2014	83230	05534 CSAC EXCESS INS. AUTHORITY	EE ASSISTANCE: OCT - DEC 2014 CHARGES	1,010.22	1,010.22
10/23/2014	83231	01156 CWEA	2015 MEMBERSHIP RENEWAL - R. LI #0000452	84.00	84.00
10/23/2014	83232	06003 CWEA - SF BAY SECTION	SEMINAR: EMERGING TECHNOLOGIES IN THE WW	90.00	90.00
10/23/2014	83233	00237 DERWA	SEP 2014 OPER EXP - DSRSD SHARE	173,609.52	173,609.52
10/23/2014	83234	00252 DONALD R. WHITE, TAX COLLECTOR	2014-2015 PROP TAX 941-1300-1-19	199.88	
			2014-2015 PROP TAX 946-3200-5-5	126.93	
			2014-2015 PROP TAX 941-100-7-55	76.44	
			2014-2015 PROP TAX 946-3200-5-4	42.35	445.60
10/23/2014	83235	06821 EARTHWORKS/MORTENSON JV	REFUND METER #65495576	755.63	755.63

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10/23/2014	83236	02507 EAST BAY FORD TRUCK	#42 PARTS	113.52	
			#42 VACON SURGE TANK	95.84	209.36
10/23/2014	83237	00314 FEDEX	SHIPPING CHARGES 09/22/14 & 10/01/14	152.45	
			WWTP: OVERNIGHT DELIVERY CHARGES OCT '14	31.70	184.15
10/23/2014	83238	03149 HDS WHITE CAP CONST SUPPLY	CREDIT FOR 27 B11-333NL 3/4 BALL CURB FI	-1,134.22	
			CREDIT FOR 5 HYDRANT WRENCHES	-476.99	
			27 BALL CURB FIPT & 5 BRASS ADJ HYD WREN	1,582.97	
			1000 1" RUBBER MTR GASKETS	196.20	167.96
10/23/2014	83239	03149 HDS WHITE CAP CONST SUPPLY	RICE STRAW WATTLE FIBER ROLL FOR WWTP ER	43.58	
			PARS FOR DUBLIN HONDA HYDRANT CONCRETE	6.38	49.96
10/23/2014	83240	01249 INTERNATIONAL INSTITUTE OF	IIMC - NATIONAL- 2015 RENEWAL - HATFIEL	220.00	
			IIMC - 2015 RENEWAL - GENZALE	120.00	340.00
10/23/2014	83241	00192 J & B CORROSION ENG ASSOC I	FOD CATHODIC PROTECTION SURVEY FOR RESER	2,285.00	2,285.00
10/23/2014	83242	03976 JMB CONSTRUCTION, INC	13-P007 PP#1 VACTOR RECEIVING STATION	41,800.00	41,800.00
10/23/2014	83243	00468 KAMAN INDUSTRIAL TECHNOLO	V-BELTS	152.27	
			SHEAVE	40.27	192.54
10/23/2014	83244	06862 MEREDITH KUMMELL	UB Refund Deposit - Acct #02-30-411100-0	188.46	188.46
10/23/2014	83245	00509 LIEBERT CASSIDY WHITMORE	GENERAL LEGAL SERVICES 09/14	1,832.50	
			EMPLOYMENT RELATED LEGAL SERVICES	212.00	
			EMPLOYMENT RELATED LEGAL SERVICES	187.94	
			EMPLOYMENT RELATED LEGAL SERVICES	22.50	2,254.94
10/23/2014	83246	02166 MAZE & ASSOCIATES	FYE2014 - AUDIT SERVICES IN SEPT	11,455.00	
			FY14 LAVWMA AUDIT - SEPTEMBER SERVICES	3,940.00	15,395.00
10/23/2014	83247	00536 MC MASTER-CARR SUPPLY CO.	PLUMBING MATERIALS FOR FERIC PIPING	483.02	
			15-P003: MATERIALS FOR CO-GEN 3 FUEL SWI	410.58	893.60

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10/23/2014	83248	05897 MERIT RESOURCE GROUP	A. MCCAFFERY: W/E 9/28/14	1,227.40	1,227.40
10/23/2014	83249	04231 MSC INDUSTRIAL SUPPLY CO	DUST MASK RESPIRATORS AND LENS CLEANER	77.71	
			RUBBER STEEL TOE BOOTS	63.31	141.02
10/23/2014	83250	00574 MUNICIPAL MAINT EQUIP INC.	MISC PARTS FOR REPAIRS	241.15	
			#42 PARTS - TOGGLE SWITCH; SELECTOR VALV	60.36	301.51
10/23/2014	83251	04796 NAPA AUTO PARTS	SOAP FOR PARTS CLEANER	284.23	
			FILTERS - STOCK ORDER	252.50	
			#42 HORNS; PUMP JACK; NOZZLES	116.70	653.43
10/23/2014	83252	00620 P G & E	MISC PUMP STNS; DUBLIN LIFT STN - SEPTEMBER	17,575.17	
			PUMP STATION 20B ELEC - SEPTEMBER 2014	13,196.03	
			PUMP STATION R20 ELEC - OCTOBER 2014	3,864.26	
			FSL AERATORS; LAB HVAC; FLEET - SEPTEMBER	1,874.33	
			PUMP STATION R300A ELEC - OCTOBER 2014	1,708.76	
			PUMP STATION R300A ELEC - AUGUST 2014	1,468.80	
			PUMP STATION 10A ELEC - SEPTEMBER 2014	1,080.54	
			LAVVMA PIPELINE & LIVERMORE LINE OCT '14	383.82	
			RESERVOIR 10B ELECTRICITY - OCTOBER 2014	77.22	
			ALTITUDE VALVE (RES 10B) ELEC - OCTOBER	10.18	41,239.11
10/23/2014	83253	04211 PLATT ELECTRIC SUPPLY	HEX CAP BOLT FOR SHOP STOCK	11.47	11.47
10/23/2014	83254	04951 PLEASANTON TRUCKING	9-4-14 TRUCKING-VULCAN-PLEASANTON/DUBLIN	167.63	167.63
10/23/2014	83255	03442 RABBIT OFFICE AUTOMATION	OVERAGE USAGE COLOR COPIES 07/16 - 10/15	635.72	635.72
10/23/2014	83256	00699 REDWOOD COAST PETROLEUM	GASOLINE DELIVERY TO THE WWTP ON 10/2/14	1,364.04	1,364.04
10/23/2014	83257	05449 SAMBA HOLDINGS, INC.	DMV REPORTING FOR 09-14	170.13	170.13
10/23/2014	83258	00756 SECURITY ETC.	SECURITY AND FIRE ALARM MONITORING Q2 DI	252.00	252.00
10/23/2014	83259	02125 SEEVER & SONS TIRE	#87 SUBLET ALIGNMENT AND TIRES	1,000.31	

Bank code: apbank

Date	Check #	Vendor	Description	Amount Paid	Check Total
			#89 ALIGNMENT (SUBLET)	89.95	1,090.26
10/23/2014	83260	00800 STATE BOARD OF EQUALIZA	2014 3RD QRT USE TAX RETURN (1Q FY 2015)	1,568.00	1,568.00
10/23/2014	83261	00862 TIFCO INDUSTRIES	OPERATING SUPPLIES FOR WWTP	366.53	366.53
10/23/2014	83262	05417 TNT ENTERPRISES	LOCATE AND MARK TRAINING	265.00	265.00
10/23/2014	83263	06702 UNIFIRST INC.	SEP 2014: WEEKLY DELIVERY OF FLAME RESIS	274.30	274.30
10/23/2014	83264	00903 UNITED RENTALS, INC.	RENTA;L: PIPE CUTTER SOIL FOR CO-GEN #3	59.95	59.95
10/23/2014	83265	00912 VALLEY CARE HEALTH SYST	DOT EXAM - JAMES DRYDEN	85.00	85.00
10/23/2014	83266	06004 VANGUARD CLEANING SYST	OCT 2014: CUSTODIAL SERVICES	1,675.00	1,675.00
10/23/2014	83267	04112 CONSULTING VINNEDGE EN'	15-R009 TO 8 NEPA/CEQA	2,182.00	2,182.00
10/23/2014	83268	00933 VWR INTERNATIONAL, INC.	1-CHLRO-3,4-DINTROBNZENE	66.04	
			CHEMICALS AND SUPPLIES	14.81	80.85
10/23/2014	83269	02918 WALNUT CREEK FORD	#87 BRAKE PARTS	586.31	586.31
10/23/2014	83270	05541 WINZER CORPORATION	(4) 21 GAL SWING TOP METAL TRASH CAN FOR	914.29	
			JANITORIAL SUPPLIES: PAPER PRODUCTS	756.09	1,670.38
10/23/2014	83271	06863 JENNY WONG	REFUND ACCT #07-75-202610-001	110.47	110.47
10/23/2014	83272	00987 ZONE 7 WATER AGENCY	TREATED WATER SERVICE FOR PERIOD: 9-1-14	683,518.37	683,518.37
301 checks in this report				Total Checks:	4,237,976.52





Reference General Manager	Type of Action Provide Direction	Board Meeting of November 4, 2014
Subject Discuss Drought Management Program		
<input type="checkbox"/> Motion	<input type="checkbox"/> Minute Order	<input type="checkbox"/> Resolution
<input type="checkbox"/> Ordinance	<input type="checkbox"/> Informational	<input checked="" type="checkbox"/> Other
REPORT:	<input checked="" type="checkbox"/> Verbal	<input type="checkbox"/> Presentation
	<input checked="" type="checkbox"/> Staff	B. Michalczyk
		<input type="checkbox"/> Board Member

Recommendation:

The General Manager recommends the Board of Directors receive comments from the public related to the District’s Drought Management Program, discuss those as appropriate and, by Consensus, provide appropriate direction to staff and/or Board Committees for follow-up.

Summary:

On May 5, 2014 the Board took various actions (collectively the “Drought Management Program”) in response to the drought including the following:

- Declared a Community Drought Emergency (which expires December 31, 2014 and which should be extended on December 2, 2014 since the drought has not yet abated);
- Established Water Use Curtailment Goals;
- Adopted Water Use Limitations;
- Adopted Penalties and Enforcement Provisions (subsequently amended on August 5, 2014);
- Adopted Water Shortage Rate Stage 3;
- Approved a Wise Water User Credit;
- Approved an Enhanced Rebate Program;
- Endorsed a Drought Response Action Plan; and
- Approved a Budget Amendment related to Drought Management Activities.

The various aspects of the Drought Management Program affect all customers of the District in various ways. To be as open and transparent as possible, the Board wishes to allow the public an opportunity to address the Board on the various aspects of the Drought Management Program in a manner that can lead to a productive outcome. The public may always address the Board under the “Public Comment” portion of the Board agenda. However, for public comment made at that time, the Board is precluded from having substantive discussions in response to the public comment received. This agenda item allows the Board to engage in a substantive discussion of issues that may be raised by the public and also to provide staff or a Board Committee with appropriate direction related to the Drought Management Program in a timely fashion. This item will be a standing item on the Board agenda throughout the duration of the Community Drought Emergency which is currently scheduled to expire on December 31, 2014.

Committee Review			Legal Review	Staff Review		
COMMITTEE ---	DATE ---	RECOMMENDATION ---	Not Required	ORIGINATOR BLM	DEPARTMENT Executive	REVIEWED BY
ATTACHMENTS <input checked="" type="checkbox"/> None						
<input type="checkbox"/> Resolution	<input type="checkbox"/> Minute Order	<input type="checkbox"/> Task Order	<input type="checkbox"/> Staff Report	<input type="checkbox"/> Ordinance		
<input checked="" type="checkbox"/> Cost \$0	<input type="checkbox"/> Funding Source A. B.		Attachments to S&R 1. 2. 3.			



Reference General Manager	Type of Action Accept Reports and Make Finding	Board Meeting of November 4, 2014
Subject Accept Water Supply and Demand and Drought Response Action Plan Status Reports and Find that the Need for the Community Drought Emergency Still Exists		
<input checked="" type="checkbox"/> Motion	<input type="checkbox"/> Minute Order	<input type="checkbox"/> Resolution
<input type="checkbox"/> Ordinance	<input type="checkbox"/> Informational	<input type="checkbox"/> Other
REPORT:	<input type="checkbox"/> Verbal	<input checked="" type="checkbox"/> Presentation
	<input checked="" type="checkbox"/> Staff	B. Michalczyk
		<input type="checkbox"/> Board Member

Recommendation:

The General Manager recommends the Board of Directors, by Motion, (a) accept the Water Supply and Demand Report and the Drought Response Action Plan Status Report (b) find that there still exists a need for continuing the Community Drought Emergency which the Board declared on May 5, 2014.

Summary:

On May 5, 2014 the Board declared a state of Community Drought Emergency which declaration, in part, directed the General Manager to inform the Board, at its first meeting of each calendar month that the Declaration remains in effect, of:

- Developments regarding the water supply available to Zone 7 and the District;
- The water demand in the District’s service area and in the Tri-Valley;
- Operational issues encountered or anticipated to be encountered related to the effect of the limited water supply on the District’s water system;
- Pertinent policy level decisions made at the local, regional and State level related to the drought; and
- Other information relevant to the continuing need for the State of Community Drought Emergency.

The Water Supply and Demand Report, included as Attachment 1, provides the requested information and is the basis for the Board’s finding of a continuing need for the state of Community Drought Emergency. Based on information in the report, there is no substantial change in conditions that would warrant the Board changing or rescinding the Community Drought Emergency.

In addition, on May 5, 2014 when the Board endorsed the Drought Response Action Plan, it directed that while the Community Drought Emergency exists that a status report be prepared at regular intervals of activities undertaken on the various aspects of the Drought Response Action Plan and the results achieved; Attachment 2 provides that information.

The Water Supply and Demand Report and the Drought Response Action Plan Status Report are current as of the cut-off date for the preparation of the agenda for this Board meeting. Any substantive developments will be reported at the meeting.

Committee Review			Legal Review	Staff Review		
COMMITTEE ---	DATE ---	RECOMMENDATION ---	Not Required	ORIGINATOR B. Michalczyk	DEPARTMENT Executive	REVIEWED BY
ATTACHMENTS <input type="checkbox"/> None						
<input type="checkbox"/> Resolution	<input type="checkbox"/> Minute Order	<input type="checkbox"/> Task Order	<input type="checkbox"/> Staff Report	<input type="checkbox"/> Ordinance		
<input checked="" type="checkbox"/> Cost \$0	<input type="checkbox"/> Funding Source A. B.		Attachments to S&R 1. Water Supply and Demand Report 2. Status Report – Drought Action Plan			

The information in this Water Supply and Demand Report is current through October 29, 2014¹.

SUMMARY AND BACKGROUND

As documented herein, there have been no changed conditions or situations that would warrant changes to or the rescission of the state of the Community Drought Emergency.

On May 5, 2014 the Board declared a state of Community Drought Emergency which declaration, in part, directed the General Manager to inform the Board, at its first meeting of each calendar month that the Declaration remains in effect, of:

1. Developments regarding the water supply available to Zone 7 and the District;
2. The water demand in the District's service area and in the Tri-Valley;
3. Operational issues encountered or anticipated to be encountered related to the effect of the limited water supply on the District's water system;
4. Pertinent policy level decisions made at the local, regional and State level related to the drought; and
5. Other information relevant to the continuing need for the State of Community Drought Emergency.

This report satisfies that direction for the month of October 2014. and will serve as the basis for the Board making a finding that there is a continuing need for the state of Community Drought Emergency.

1 - DEVELOPMENTS REGARDING THE WATER SUPPLY

There have been no substantial changes to the Water Supply situation that would warrant changes to or the rescission of the state of the Community Drought Emergency.

In terms of the supply, the traditional wet season is over. The following is a summary of the most recent hydrological information available. A seven year historic summary of this same information is presented in Table 1 below. Table 2 presents a month by month summary for the current water year showing how the situation evolved over the course of the winter season.

Precipitation to Date. A new "Water Year" began on October 1, 2014; WY 2014 data can be found in the attached tables. For WY 2015 Northern Sierra precipitation for the new water year is starting off well and is at 108% of normal in the Sacramento and Feather River basins where our water supply physically originates. However it must be cautioned that the water year is less than a month old and early season precipitation data is virtually meaningless.

¹ Any substantive information that becomes available after posting of the agenda will be verbally reported at the Board meeting

Forecast Precipitation. As of the middle of October 2014 the National Weather Service's Climate Prediction center is forecasting approximately normal precipitation through the middle of January 2015.

Snowpack. In 2014, snow pack in the northern Sierra snowpack (really snow water content) was significantly below normal throughout the winter season and was 23% of average on April 1 which is the typical maximum value for the year. At this time there is no meaningful snowpack remaining in the northern Sierras. Also, it is too early in Water Year 2015 for snow pack measurements. Typically data is available starting in December.

Reservoir Storage. Lake Oroville is filled to only 28% capacity and is 46% of what it would normally be at this time of the year; both of these are very near record lows for storage at the beginning of the water year.

Water Year Type. DWR classified Water Year 2014 as a "Critically Dry" year; there has not yet been any tentative classifications made yet for Water Year 2015.

DWR Allocation. DWR has not made any announcement of water allocations for 2015 at this time.

Zone 7 Supply. Zone 7 has notified the District that, in accordance with our water Supply Contract that the Zone reduced the District's delivery request by 25% with a substantial portion of the reduction occurring during the summer months. Zone 7 has established curtailment levels for the Tri-Valley at 25% overall based on 5% indoor and 50-60% outdoor curtailments while adopting several mandatory prohibitions for water usage. The District has submitted its "normal" supply request for Calendar Year 2015 to Zone 7. Zone 7 will act on that request in the December timeframe.

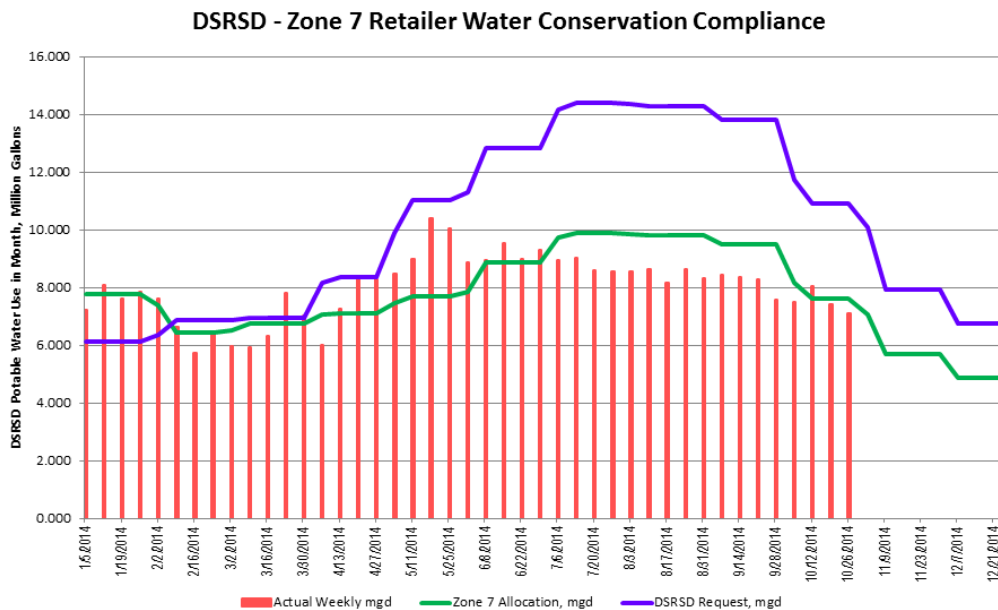
Possible Water Transfers. In Calendar year 2014 there were no water transfers made by the Zone 7 that would benefit the District. The District has opened tentative discussions with EBMUD and CCWD about possible water transfers for 2015 in the event it is another dry year.

2 - WATER DEMAND

While the District's service area is not yet achieving the overall 25% demand curtailment level on a year-to-date basis, progress towards that level is being made and we are at that level from the time of the declaration of the emergency on May 5, 2014. At this time the situation has not materially changed in either a positive or negative way that would warrant changes to or the rescission of the state of the Community Drought Emergency.

Water demand (really water furnished to District customers) is monitored on a weekly basis. The declaration of Community Drought Emergency calls for system wide water use curtailment of twenty five percent (25%) overall with five percent (5%) coming from indoor curtailment and fifty to sixty percent (50-60%) from outdoor curtailment as compared to the same period in calendar year 2013. Between February 18, 2014 and May 5, 2014 a 20% curtailment level was

in effect. In addition, in accordance with the terms of the District – Zone 7 Water Supply Contract Zone 7 has provided the District with a water delivery allocation schedule that incorporates the overall 25% curtailment goal but which also incorporates physical delivery limitations that have arisen due to the lack of surface water availability.



Demand 021814 to 050514. During this period in 2014 (from the preliminary declaration of emergency to the current declaration) the District’s service area used 1,668 AF of water as compared to 2020 AF used during the same period in 2013; this represents an overall system wide curtailment of 17%. Thus, the overall curtailment level of 20% was not achieved during this period.

Demand 050514 to Present. From May 5, 2014 through October 26, 2014 (the most current data available prior to the publication of the agenda) the District’s service area used 4,622 AF of water as compared to 6,616 AF used during the same period in 2013; this represents an overall system wide curtailment of 30.1%. Thus, the overall curtailment level of 25% was achieved during this period.

Actual Usage vs. Zone 7 Delivery Allocation. The chart above presents data showing how demand in the District’s service area has tracked as compared to the adjusted Zone 7 allocation schedule.

- Since the beginning of 2014, the sum of the allocated deliveries is 7,544 AF while demand in the District’s service area has been 7,384 AF. The District’s service area is thus using only 2.1% LESS water than allocated for the calendar year to date.
- Overall, for 2014 Zone 7 has allocated the District 8,592 AF; the District’s service area has used 84.2% of that amount to date.

Gallons per capital per day The District monitors this metric on a monthly basis as of the end of each calendar month as part of monitoring our 20% by 2020 mandated

usage. In the month of September 2013 the District delivered water at a rate of 168 gpcpd while in September 2014 the rate was only 104 gpcpd representing a 38.1% reduction. October data is not yet available.

Tri-Valley Wide Demand. Despite efforts to create a central repository of comparable water demand curtailment data for the Tri-Valley retailers that effort has not been successful. The following represents the most current curtailment information District staff has available from the other retailers:

- Cal Water 29% year to day (August 15, 2014)
- Livermore 22% year to date (July 31, 2014)
- Pleasanton 26% year to date (August 22, 2014)

3 - OPERATIONAL ISSUES

There have been no operational issues that would warrant changes to or the rescission of the state of the Community Drought Emergency.

Reservoir storage is the single most critical parameter that the District will be monitoring during the Community Drought Emergency to ensure adequate reserves for health and safety and fire-fighting purposes. However, there are other operational challenges related to which of the five existing turnouts Zone 7 will deliver water given various constraints that arise from operating with very limited amounts of surface water.

Reservoir Storage At no time has overall reservoir storage been compromised. Minimum total system storage since the May 5, 2014 Board action occurred on June 1 with 10.09 MG in storage. During October the minimum quantity that was in storage was 12.31 MG, which occurred at 9:00 AM on October 15. These are as compared to 6.30 MG required system wide per standard operating criteria for health and safety and fire storage. In addition, at no time has reservoir storage within any single pressure zone been compromised.

System Operation During Drought Emergency At the direction of Zone 7 DSRSD has been receiving water only through turnouts No. 2 (Stagecoach Road) and No. 5 (Fallon Road) since late March 2014. Turnouts No. 1 (Dougherty Road), No. 3 (Camp Parks), and No. 4 (Arnold) have remained out of service. This allowed Zone 7 to reduce the pressure on their western loop from about 90 PSI to about 70 PSI, which allows an increase of about 400 GPM in the maximum flow that the wells connected to the western loop can produce. The District has been able to move sufficient amounts of water from the two turnouts to each District pressure zone where it is needed. Before the summer began District staff modeled the water system and determined that the system could be operated in this manner under typical summertime demands as long as all of the District's reservoirs and pump stations are in service. Reservoir 10A was returned to service on June 3 following the completion of cleaning and rehabilitation work. Pump station 10A now works in conjunction with Reservoir 10A and is operating normally, and the programming was revised so that PS 10A would work correctly with turnout No. 4 off line. Therefore, all of the District's pumps stations and reservoirs are currently

operating normally. When the seasonal demand for water decreases staff may remove Reservoir 10A and Pump Station 10A from service to help maintain adequate chlorine residuals throughout the distribution system.

4 - PERTINENT POLICY DECISIONS

There have been no further pertinent policy made that would warrant changes to or the rescission of the state of the Community Drought Emergency.

There were several policy level decisions made at the local, regional, State and Federal levels prior the District declaring a state of Community Drought Emergency on May 5, 2014. In the past month the most significant policy decision was legislative action placing the water bond on the November, 2014 ballot as Proposition 1. In addition, there have been various legal and regulatory activities related to water issues in California which are presented in Attachment A.

Prior to May 5, 2015 Policy level decisions made prior to May 5, 2014 include the following:

- January 15, 2014 – U.S. Dept. of Agriculture declares Contra Costa and Alameda Counties natural disaster areas due to drought;
- January 17, 2014 California Governor Edmund G. Brown issued a Proclamation of a State of Emergency, and encouraged all Californians to reduce their water usage by 20%;
- January 29, 2014 the Zone 7 Water Agency issued a Proclamation of a Local Drought Emergency and established a system-wide conservation goal of 20% for 2014 as compared to 2013 usage, which was based on demand reductions of 5% for indoor water use and 40% for outdoor water use;
- January 31, 2014 the Department of Water Resources reduced from 5% to 0% the anticipated allocation of water to customers of the State Water Project, including the Zone 7 Water Agency;
- February 18, 2014 the District declared a State of Community Drought Emergency and established a goal of curtailing overall District water usage by twenty percent (20%) base on five percent (5%) curtailment of inside water use and forty percent (40%) curtailment of outside water use as compared to the same period in 2013;
- February 24, 2014 the City of Livermore declared a Water Shortage Emergency;
- March 18, 2014 the City of Dublin declared a Local Drought Emergency;
- March 18, 2014 the City of Pleasanton approved an urgency ordinance amending their water conservation plan as needed to protect the immediate threat of the potentially significant drought to preserve public health and safety;
- April 5, 2014 the City of Livermore declares a Stage 3 drought emergency;
- April 16, 2014 the Zone 7 Water Agency directed the local water supply retailers and untreated water customers to assure a 25% total reduction for 2014 with 5% coming from indoor curtailment and 50-60% from outdoor curtailment, and adopting mandatory conservation measures to achieve these reductions;
- April 18, 2014 the California Department of Water Resources announced that anticipated 2014 water allocations to the State Water Contractors (including Zone 7) will be increased to 5% but only on condition that delivery of water occur after September 1, 2014; and

- April 25, 2014 Governor Edmund G. Brown proclaimed a Continued State of Emergency in the State of California and ordered that California residents should refrain from wasting water, specifying many practices that waste water and directing urban water suppliers to implement drought response plans to limit outdoor irrigation and other wasteful water practices; and
- April 28, 2014 the City of Livermore adopts Stage 3 Water Shortage rates and mandatory conservation measures.

Subsequent to May 5, 2015 Policy level decisions made after May 5, 2014 include the following:

- May 6, 2014 the City of Pleasanton adopts water shortage penalty water rates and mandatory conservation measures; and
- May 12, 2014 the City of Livermore adopts an ordinance extending mandatory water use limitations to entire City including Cal Water service area.
- Throughout May and June the State Water Resources Control Board issued diversion curtailment letters to about 9,500 junior water rights appropriators in the Sacramento and San Joaquin watershed.
- July 15, 2014 the State Water Resources Control Board adopted mandatory water use limitations to be applicable throughout California along with \$500 per violation fines.
- August 13, 2014 Governor Brown signed legislation placing a \$7.5B water bond on the November 2014 ballot.
- September 15, 2014 Governor Brown signed landmark groundwater management legislation.
- September 16, 2014 The District endorsed Proposition 1 – Water Bond on the November 4, 2014 Ballot.
- September 17, 2014 Zone 7 endorsed Proposition 1 – Water Bond on the November 4, 2014 Ballot.
- September 28, 2014 California Governor Jerry Brown signs AB 2071 establishing standards for providing recycled water for livestock.

Legal and Regulatory Issues There remains a great deal of legal and regulatory uncertainty about the reliability of water supplies from the Sacramento-San Joaquin Delta. This uncertainty develops due to interwoven legislation, regulation, legal actions and basic hydrology of the Delta. This situation has existed in some form for several decades but has become particularly critical in recent years. It is very likely that the uncertainties will continue for at least several years into the future. Attachment A to this report provides specific information about what is driving the various legislative, regulatory and legal uncertainties related to the Delta water supply.

5 - OTHER RELEVANT INFORMATION

There is no other relevant information to report at this time that would warrant changes to or the rescission of the state of the Community Drought Emergency.

TABLE 1 TABULAR SUMMARY OF HISTORIC HYDROLOGICAL AND WATER SUPPLY CONDITIONS²									
	WY2007	WY2008	WY2009	WY 2010	WY 2011	WY 2012	WY 2013	WY 2014	
Precipitation ³	75%	73%	93%	107%	145%	80%	85%	62%	
Snowpack ⁴	52%	101%	89%	126%	165%	74%	49%	23%	
Oroville Storage (% of Normal)	101%	90%	59%	78%	135%	115%	92%	49%	
Oroville Storage (% of Capacity)	62%	55%	38%	50%	86%	99%	79%	31%	
Unimpaired Runoff									
Percent of Normal Year ⁵	53%	58%	64%	84%	138%	63%	64%	39%	
Water Supply Index	Critical	Critical	Dry	Below Normal	Wet	Below Normal	Dry	Critical	
Water Delivery Allocation									
DWR to State Water Cont.	60%	35%	40%	50%	80%	65%	35%	5%	
Statewide and Regional Conservation									
CA Short Term	----		20%		Strongly encourage conservation and minimal use			20%	
CA Long Term	---		10% per capita reduction target by 2015; 20% per capita reduction mandate by 2020						
Zone 7	----	Voluntary 10%						25% Overall 5% Inside 50-60% Outside	
DSRSD CONSERVATION SUMMARY									
Pre SB 7X7 Methodology									
Target	Voluntary 10%			Stage I- Vol. 20%					
% Achieved ⁶	2.4%	4.5%	13.8%	21.1%	21.5%	26.8%			
Post SB 7X7 Methodology									
SB 7x7 Baseline							204		
2015 Target							183		
2020 Mandate							163		
UWMP Prediction							138	143	
Actual							126	107	

² Unless noted, data shown is for end of the Water Year shown.
³ Percent of Normal; 8 Station Northern Sierra for the water year
⁴ Percent of Normal; Northern Sierra Average as of April 1 which is historically peak snowpack for the year
⁵ Runoff in percent of average year for Sacramento River watershed
⁶ Expressed on a per account basis with the baseline year (July 06 to June 07 for WY 2007 through 2012).

TABLE 2 TABULAR SUMMARY OF HYDROLOGICAL AND WATER SUPPLY CONDITIONS FOR WY 2014 ⁷								
	Oct 2014	Nov 2014	Dec 2015	Jan 2015	Feb 2015	Mar 2015	Apr 2015	May 2015
Precipitation ⁸	108%							
Snowpack ⁹	No Data							
Oroville Storage (% of Normal)	46%							
Oroville Storage (% of Capacity)	28%							
Projected Unimpaired Runoff								
Expected ¹⁰	No Data							
Chance of Normal	No Data							
Projected Type of Water Year								
WY Classification	No Data							
Water Delivery Allocation								
DWR Allocation	No Data							
Adopted Statewide and Regional Conservation Targets								
California Short Term Policy	20% curtailment 2014 vs 2013; with specific water use prohibitions							
California Long Term Policy	10% per capita reduction interim target by 2015 and 20% per capita reduction mandated by 2020							
Zone 7	<u>April 16, 2014</u> : Zone 7 declared a drought emergency within its service area and established curtailments at 25% system-wide (5% indoor curtailment and 50-60% outside curtailment) and adopted various mandatory prohibitions							
DSRSD CONSERVATION SUMMARY¹¹								
DSRSD Stage	<u>May 5, 2014</u> : declared Stage 3 Drought Emergency and set target curtailment consistent with Zone 7 (25% overall; 5% indoors and 50-60% outside – all as 2014 as compared to 2013)							
SB 7x7 Baseline	204							
2015 Target	183							
2020 Mandate	163							
UWMP Prediction	143 for CY 2014			146 for CY 2015				
Actual	Not Yet Avail.							

⁷ Data shown is current as of the last day of the month shown

⁸ Percent of Normal at this time of year; 8 Station Northern Sierra

⁹ Percent of Normal at this time of year; Northern Sierra Average

¹⁰ Projected water year runoff in percent of average year for Sacramento River watershed

¹¹ Values shown are in gallons per person per day on a total usage basis for the month shown

ATTACHMENT A LEGAL AND REGULATORY ISSUES

SIGNIFICANT CHANGES SINCE THE LAST REPORT ARE HIGHLIGHTED

DELTA PLANNING

Bay Delta Conservation Plan: The Bay Delta Conservation Plan (BDCP) is designed to be a planning process for meeting the requirements of endangered species laws and achieving the co-equal goals of (1) conservation and management of the Delta's ecological functions and (2) improving current water supplies and the reliability of Central Valley Project (CVP) and State Water Project (SWP) water deliveries. Significant opposition to the Plan and the process has been voiced by residents and entities from Delta and Central Valley communities, and by some state and federal water contractors which question who will pay for water for wildlife refuges and for environmental uses under the BDCP, as well as who will pay for construction and operations costs of any conveyance facilities. The end of the BDCP process cannot now be predicted with any degree of confidence. In July 2012, the state and federal governments announced their joint commitment to a proposed BDCP that would include two gravity-fed tunnels with a diversion capacity of 9,000 cubic feet of water per second (cfs), each of which would be 40 feet in diameter and 35 miles long, plus restoration of 113,000 acres of freshwater marsh, 50,000 of which would be restored in the next 15 years. Current estimates say the tunnels will take at least 10 years to build, will result in excavation and the need to dispose of 7 million cubic yards of "tunnel muck," and will cost an estimated \$24.5 - 28 Billion to construct and operate the conveyance facility as well as fund the mitigation and adaptive management for the 50-year implementation period. Current estimates indicate that 60 - 70% of that cost would be paid by water users (and approximately 60% of that amount would be paid by SWP contractors), with the balance coming from a variety of state and federal sources. Construction costs for the 9,000 cfs dual-bore tunnel are now estimated at \$14.5 Billion, but since that estimate is based on a 10% design, the draft BDCP says that the actual construction costs could be 50% higher or 25% lower than that number. On May 6, the Department of Water Resources (DWR) announced that it is setting up at least two new organizational units focused on implementation of the conveyance component of the BDCP. There will be a BDCP Program Manager, who will not be a DWR employee, and the new "Design and Construction Enterprise" will be some form of "joint powers arrangement" that will include a mix of DWR, local agencies, and consulting firm employees. Since there is not yet an approved project, BDCP critics have asserted that this new organization is premature. Governor Brown has appointed former Zone 7 employee Karla Nemeth as Deputy Secretary for Water Policy at the California Natural Resources Agency, where she will be his senior advisor on water policy. She has worked on the BDCP since 2009.

The draft BDCP and draft EIR/EIS were released for public comment on December 9, 2013; the comment period was extended twice, and closed on July 29, 2014. The draft documents were more than 41,000 pages. Approximately 11,000 individual comments were received, including about 9,000 "standardized" letters from people organized by a group opposed to the BDCP. DWR's current schedule remains vague, especially since they announced on August 27 that the document will be "partially recirculated" in early 2015, and that the scope of the recirculated document will be announced in October or November **(to date, no such announcement has been made)**. Intended beneficiaries do not yet fully know what benefits they can anticipate, and federal agencies have given no indication if or

when they will do a feasibility analysis that is required before federal funds for the implementation of the BDCP could be appropriated. Current estimates are that only about 25% of CVP contractors would actually receive any water supply benefits if the project is fully implemented. The principal unknown is how the new system would be operated, which will determine water supply, water quality, and fisheries impacts. Fisheries agencies have suggested that current science requires high flows through the Delta and to the sea; such flow requirements would mean that future exports would be less than what contractors currently receive. Export contractors – especially irrigation entities -- are hoping to see far lower flows for fish and water quality protection so that farmers and ranchers can avoid having to pay large amounts of money for less water. Operations criteria will have to take into account the recent hydrology, which indicates that between 1949 and 2009, Sacramento River flow conditions in 47% of all years were below normal, dry, or critically dry. Complex negotiations resulted in a May 30, 2014 draft Implementation Agreement concerning how the BDCP will be operated, including the governance structure, but not including the cost split between federal and state contractors or other financial components, and only providing broad general details regarding how operations will actually work. The 60-day public review process for that Agreement also ended on July 29. In July 2013, federal agencies submitted comments on the administrative draft EIR/EIS which raised numerous difficult issues; some commentators have suggested that the federal fisheries agencies may believe that the proposed project may not be “permissible” under the Federal Endangered Species Act (FESA). The interplay between state and federal fisheries agencies and the CVP and SWP will be critical to ultimate governmental determinations concerning the proposed BDCP. One month after the comment period on the Draft EIR/EIS closed, the US EPA sent a 43-page letter to the U.S. Fish & Wildlife Service asserting that as proposed, the BDCP would violate federal standards under the Clean Water Act, and the letter is viewed by many participants in BDCP the process to be a major setback. A recent addition to the list of interagency issues concerns the 1986 Coordinated Operations Agreement (COA), which was intended to ensure that the SWP and CVP each receives its share of available Delta water, and carries its fair share of obligations such as water releases for Delta water quality. Over time, the relative proportion of water available for CVP exports has decreased in an unanticipated amount, while the relative proportion of export water going to the SWP has increased in a similarly unanticipated amount, and the SWP has been carrying a much smaller burden in terms of the water quality burden. Some analyses show the imbalance totaled as much as 400,000 AF per year of export water in past years, and both Reclamation and some federal export contractors (primarily in the San Joaquin Valley) want that imbalance corrected and the COA renegotiated before beginning to consider how any BDCP operations criteria will be determined, and even whether the US can be a partner in the BDCP. Renegotiation of the COA after 30 years of its existence would be very controversial, and would entail both CEQA and NEPA documentation and consideration under the state and federal Endangered Species Acts.

Some stakeholders (including ACWD, CCWD, EBMUD, SFPUC, San Diego and the San Diego County Water Authority, numerous environmental groups, Contra Costa County, and the Contra Costa Council, plus 22 Democratic members of the State Senate or Assembly) urged DWR to add a “Portfolio Alternative” that would include, among other things, a smaller conveyance facility because their studies to date indicate a 3,000 cfs conveyance could meet the BDCP’s and Delta Plan’s water supply and ecosystem restoration goals. DWR now estimates that the capital construction cost for a single-bore 3,000 cfs tunnel would be \$8.56 Billion (down from the previously estimated \$11.5 billion). DWR did not analyze this alternative (or the suite of proposed actions making up the Portfolio Alternative) in the EIR. Zone 7 signed a multi-agency letter favoring the BDCP proposal and opposing the Portfolio Alternative. Recently, the US Bureau of Reclamation (Reclamation) announced that it was initiating a benefits analysis as part of Reclamation’s process for deciding whether and how it might make any long-term commitment to BDCP; the schedule for that analysis and commitment determination are not known. In

early August, 13 federal water service contractors (including EBMUD, Placer County WA, Sacramento County WA, the City of Sacramento, CCWD, and Friant, plus the Northern California Water Association) expressed an interest in the analysis and an opportunity to be heard. A number of environmental groups have announced opposition to the BDCP, but some agricultural interests that joined them in opposing the proposed Peripheral Canal in 1982 support the current proposal. The key question for many water agencies will be their share of the costs burdens for the proposed project. DWR has indicated that up to \$1.6 billion will be needed for completion of planning and environmental work over the next 3 years – apparently some CVP and SWP contractors are being asked to put up at least \$500 Million for those purposes. If the project is ultimately approved and implemented, the earliest construction could begin is 2017 (engineering work to date is only at the 10% level), and the earliest date for operation of the new conveyance would be 2027. Largely because there is not yet an approved project, to date there are no firm funding commitments for the costs of construction or operation of the proposed facilities. DWR has estimated overall BDCP costs at about \$25 Billion; economists have indicated that total costs (including interest on bonds) could approach \$67 Billion. Entities both inside and outside the “water community” have raised questions about BDCP financing and cost-sharing.

Delta Stewardship Council’s Delta Plan and EIR: The 2009 legislative package that included the Delta Reform Act tried to address long-standing issues about Delta planning and the possibility of insuring water supply reliability and simultaneously reaching the co-equal goal of restoring/enhancing the Delta ecosystem. At the heart of this measure was establishment of the Delta Stewardship Council and a mandate that it develop a Delta Plan and the necessary environmental analysis by December 31, 2011. The goal of the Plan was to provide guidance to state and local agency actions to meet the coequal goals. (That statutory deadline was not met.) On May 16-17, 2013, the Council adopted the Delta Plan, certified the completion of the EIR, and approved the process for implementing the regulations. The adopted Plan contains 14 policies, which the Council has attempted to turn into legally enforceable state regulations. No substantial action based on the Plan will happen very quickly, and the EIR has been the subject of substantial criticism from all sides. Numerous parties, including the State Water Contractors, filed suit in Sacramento Superior Court challenging the Plan and arguing that it is not consistent with the 2009 legislation because it does not achieve the co-equal goals of Delta ecosystem restoration and water supply reliability, and challenging the regulations. Those cases are all pending.

The Delta Plan called for adoption of Delta flow objectives by June 2014; implementation measures to reach those objectives would then be analyzed and recommended to the SWRCB in approximately one year after that. The SWRCB started the process for setting those objectives, in conjunction with its triennial review of the Water Quality Control Plan for the Delta (WQCP), and indicated that it would seek to set flow objectives for “primary tributaries to the Bay-Delta” by June, 2018. However, the heavy workload the SWRCB is facing due to the current drought has slowed that schedule. This effort will inevitably be controversial, since an earlier and non-precedential SWRCB decision related to flow objectives established criteria that would dedicate between 50% and 75% of the available flows in the Delta to in-stream uses, which would result in drastic cutbacks in water available for export.

On December 31, 2012, the SWRCB released its proposed revisions to flow requirements (plus a 2000-page environmental analysis) for the San Joaquin River and 3 tributaries (Merced, Stanislaus, and Tuolumne Rivers), which featured establishment of a threshold of 35% of the unimpaired flow of the tributaries to be set aside for Delta protection. Historically about 20% of unimpaired flow in those rivers reached the Delta. Water users and water rights holders on those rivers are vigorously resisting implementation of that threshold, arguing that it would result in a supply cut of 15% in average water

years, and up to 50% in dry years. The SWRCB began a hearing on San Joaquin flows on March 20, 2013. A “final” version of the WQCP objectives and environmental impact analysis was issued in May, but the SWRCB has now postponed any action on this still-controversial subject until an as-yet unknown date.

In light of the drought circumstances facing the State in 2014, the SWRCB curtailed diversion of water under many water rights (including some rights to divert from the Delta and some of its tributaries), and has begun to analyze the diversion of water by farmers and agricultural water districts in the Delta region. Each of those subjects is essentially unprecedented in California, and further illustrates the difficult challenges to water management in general, but in particular in the Delta.

California Water Action Plan: On October 31, 2013, CalEPA, the Department of Food & Agriculture, and the Natural Resources Agency issued a draft Water Action Plan for the State, in response to direction from the Governor to identify key actions for the next one to five years to address urgent needs and “provide the foundation for sustainable management of California’s water resources.” The final plan was issued in conjunction with the Governor’s “State of the State” address on January 22, 2014. The 22-page plan is broad and general, and does not call for any specific actions; it is intended to be a broad-brush guide for state efforts to enhance water supply reliability, restore damaged and destroyed ecosystems, and improve the resilience of infrastructure. Part of the scientific backdrop for this Plan is a recent study, based on satellite data collected by NASA, which indicates that the Sacramento and San Joaquin basins contained about 24 million acre-feet (AF) less water in March 2010 than in October 2003, with about 2/3 of the decline due to groundwater depletion. The FYE 2015 State Budget includes approximately \$600 Million in funding for implementation of near-term Plan actions, including water efficiency projects, conservation, and integrated water resources management.

LEGISLATION

2014 Water Bond: The November 2009 water legislation package passed on to the voters the question of whether to authorize issuance of \$11.14 billion in General Obligation bonds, for which debt service payments of about \$700 million per year would have to come from the State’s General Fund. The bond issue was to be on the November 2010 ballot, but the Legislature subsequently passed a bill delaying the election to 2012, largely because of the state’s precarious financial situation. On August 13, 2014, the Legislature adopted AB 1471, the Water Quality, Supply, and Infrastructure Improvement Act of 2014; the vote was 77 – 2 in the Assembly and 37 – 0 in the Senate. 33 senators were either authors or co-authors of the bill, which was signed by the Governor. It replaces the 2009 bond measure, and calls for voter approval of \$7.545 Billion in new general obligation bonds. It will appear on the November ballot as Proposition 1. It has elements calling for new surface and groundwater storage, regional reliability, sustainable groundwater management and cleanup, water recycling and conservation, watershed protection, and safe drinking water, especially for disadvantaged communities. Prop. 1 is supposed to be “tunnel-neutral,” and it calls for spending up to \$2.7 Billion on new surface or groundwater storage; surface storage projects that could meet the criteria in the measure include the proposed new Sites and Temperance Flat Reservoirs, and a further expansion of Los Vaqueros Reservoir.

Groundwater Legislation: Governor Brown recently signed a package of bills which will for the first time require a degree of oversight of groundwater production in California – all other western states have some form of such legislation already. The major thrust of the bills is to require that local entities in each of the several hundred groundwater basins begin now to draft, approve, and implement a plan for achieving sustainability of the local groundwater resource (i.e., essentially, an end of overdrafting) by 2040. The legislation is not expected to have significant impact in the Tri-Valley area, but may be of considerable significance in the Central and Salinas Valleys over time.

DELTA ECOSYSTEM ISSUES

Delta Smelt and Salmonid Species: Federal litigation concerning the interaction of the Federal Endangered Species Act (FESA) and NEPA with the operations of the Bureau of Reclamation's Central Valley Project (CVP) and the Department of Water Resources' (DWR) State Water Project (SWP) has dominated all considerations of Delta water export operations in the last few years. Most of that litigation has concerned the balance between water exports and the need to restrict or limit exports in an effort to protect Delta smelt and a variety of salmonid species. For salmonids, litigation challenging the Biological Opinion is on appeal to the 9th Circuit US Court of Appeal; oral argument took place on September 11 and the Court told the litigants that it would be quite some time before a decision is issued. For Delta smelt, a trial court decision overturning the BiOp was reversed by the 9th Circuit in a 2 – 1 decision on March 13, but the Court held that Reclamation must complete additional NEPA documentation on certain actions before accepting the smelt BiOp. There is still some uncertainty as to the practical effect of that aspect of the ruling, but in the meantime, Delta operations are being managed in accordance with both BiOps, while the federal fisheries agencies are working on new ones under court-established deadlines (12/1/14 for smelt and 4/30/16 for salmon). **On October 1, San Joaquin Valley growers, the State Water Contractors, and Westlands Water District filed two separate petitions asking the US Supreme Court to take the smelt case and invalidate the smelt BiOp.** The 2013 fall mid-water trawl, one of the key scientific indicators of the abundance of critical fish species, showed that the four species of greatest concern were at near-record lows; in particular, Delta smelt were at the 2nd-lowest year on record. Since the decline of pelagic organisms (i.e., aquatic species that feed in the middle of the water column) such as Delta smelt, began in the Delta in 2002, the smelt index has ranged from a high of 151 to a low of 4 (it was 7 in 2008 and 2013), as compared to values that were occasionally greater than 1000 in prior years). The population indices used to track 4 key fish species have declined by 95.6% to 99.8% since the trawl began in 1967. The combination of record low precipitation and fish-related operations restrictions is making export operations particularly difficult for 2014, and is limiting the use of cross-Delta water transfers and recovery of water in groundwater banks that might otherwise have been available to assist in areas dependent on Delta export pumping. On July 11, the federal district court in Fresno denied an injunction sought by fisheries groups seeking to halt transfers of water from north of the Delta to the San Joaquin Valley because of a perceived threat to Delta smelt; the Judge decided that the courts must give deference to the federal fisheries agencies, which have long been addressing smelt issues.

Ammonia in Wastewater Discharges: On December 9, 2010, the Central Valley Regional Water Quality Control Board (RWQCB) unanimously adopted a new NPDES discharge permit for the large regional wastewater treatment plant operated by the Sacramento Regional Sanitation District (SacReg). Zone 7, Alameda County Water District, and Santa Clara Valley Water District (SCVWD), plus a number of other water agencies, had for 10 years sought to have the RWQCB order SacReg to significantly reduce the volume of pathogens and certain chemical contaminants in its effluent – particularly ammonium, which is believed to have a substantial adverse impact on Delta smelt. A partial settlement was reached late in April 2013, and SacReg is commencing implementation of remedial measures. Remaining issues in the litigation concern the NPDES permit requirement for tertiary treatment to remove pathogens and other pollutants from the discharge; settlement discussions were completed on May 23. The SacReg Board gave final approval to a \$2 Billion upgrade project on Sep. 24, and SacReg plans to start construction this year. As a result of the litigation initiated by the water agencies, the project will include tertiary treatment processes and reduced amounts of ammonia, nitrates, and pathogens in the discharge.

LOCAL WATER SUPPLY CONTRACTS

State Water Project Contract: On May 1, 2013 DWR began what was originally planned to be three months of public negotiations with the SWC on contract amendments to the contract term and on certain financial provisions of the current basic water supply contract between DWR and each member of the SWC. DWR wants to issue 30-year bonds for its debt financing, but there are only 21 years left on the present contract. DWR has urged a 40-year extension, but some of the SWC have argued that it should be 75 years. DWR uses revenue bond financing for capital improvements and upgrades of existing systems; in recent years it has sold as much as \$200 Million in such bonds per year, and it estimates that it needs \$2.5 Billion to repair, restore, and strengthen existing infrastructure. DWR also estimates that the BDCP improvements would require the SWC to pay another \$10 Billion, and the current contract negotiations would put the necessary financial accounting and oversight mechanisms in place for that as well. Negotiations over an 11-month period culminated in Agreements in Principle (AIP) that were reached on March 8, 2014; one or more agreements to express the AIP were drafted, the parties met again on June 18 in an effort to complete the AIP. By July 15, 26 of the 29 SWP contractors had indicated they would sign the AIP. DWR will conduct an environmental review process for an amendment to the SWP Contract, which is now anticipated to take from September 2014 through an indefinite date in 2016. The Notice of Preparation for the anticipated EIR was issued on Sep. 12, two scoping meetings were held on Sep. 23, and the scoping period for receipt of public comments ended on Oct. 13. Numerous environmental and fisheries groups filed critical comments during the scoping period. Once the EIR is certified, public contract negotiations are expected to commence in late 2016 or early 2017. The proposed amendment needs to be reviewed in the Legislature, but does not need legislative approval. Under the AIP, if adopted as the parties have tentatively agreed, the amendments would extend the current SWP contracts by 50 years, to 2085. Three Sacramento Valley SWP contractors (Butte and Plumas Counties, and Yuba City) want the new contract to expressly provide for them to opt out of the costs associated with the BDCP's conveyance facilities, but that issue has been set aside now pending separate negotiations (now expected to begin in December 2014) on BDCP cost allocations among the SWP contractors. SWP North Bay Aqueduct (NBA) contractors (in Napa and Solano Counties) are also concerned about those facilities because the Draft EIR/EIS for the BDCP indicates that it would have an unavoidable significant adverse impact on water quality in the NBA, which may require relocation of the NBA intake at a preliminarily estimated cost of \$510 Million.

BBID transfer to Zone 7: Since 1995, an important part of Zone 7's water supply portfolio has been an annual transfer of up to 5,000 AF of Delta water to Zone 7 from Byron Bethany Irrigation District (BBID). On December 14, 2012, DWR told BBID that the transfer was being made without DWR's consent, and that the water had to be "repaid" to DWR. Both BBID and Zone 7 are vigorously objecting to DWR's position and resisting the demand that Zone 7 "repay" any previously transferred water. This year, BBID is receiving about 2,000 AF of supplemental water (between August 28 and the end of October the current rate of delivery results in a reduction in storage in Los Vaqueros of approximately 60 AF/day), via a transfer from CCWD. The SWRCB-approved transfer will be made possible because CCWD can rely on water stored in Los Vaqueros rather than diverting from the Delta, and BBID will divert what would otherwise be CCWD's water from its diversion point on the intake channel to the SWP's Banks Pumping Plant. Without this transfer, much or perhaps all of the Byron area in eastern Contra Costa County could be out of water entirely this fall due to curtailment of its diversion rights.

PERTINENT WATER RELATED LITIGATION

Area of Origin Litigation: The Tehama-Colusa Canal Authority (TCCA) filed suit against the United States on February 11, 2010, alleging that the Bureau of Reclamation illegally failed to deliver full contract amounts of water to TCCA members before exporting water from the Delta. Their argument was based on “area of origin” protections in the California Water Code, with which Reclamation must comply. TCCA asserted that their location and the protective statute gave them a higher priority claim to CVP water, including stored water. TCCA’s litigation was unsuccessful in trial and appellate courts, and on March 24 the U.S. Supreme Court denied TCCA’s petition for *certiorari*, ending the case. Somewhat analogous litigation initiated in state court in 2008 by 4 north-of-Delta SWP contractors was settled in October 2013.

WATER SUPPLY RELIABILITY IMPROVEMENT EFFORTS

Regional Activities: Numerous discussions of a variety of water transfers, interties, and cooperative arrangements are underway, involving water agencies throughout the Bay Area region and in the Central Valley; e.g., Zone 7, CCWD, and EBMUD are discussing a possible link between CCWD facilities (which have a 100 million gallon per day (mgd) intertie with EBMUD’s Mokelumne Aqueduct) and Bethany Reservoir, the forebay for the South Bay Aqueduct. Numerous transfer arrangements are under discussion or being implemented among irrigation agencies and individual farmers, with published prices ranging as high as \$3,000 per AF (in Kern County). Semitropic Water Storage District (in Kern County) and the Delta Wetlands Project received SWRCB approval on May 12, 2014 for a transfer of approximately 20,700 AF is intended for the benefit of the SBA contractors, to help them meet the “health and safety” needs of their service areas during the severe water supply cutback due to the SWP’s 5% supply allocation. DSRSD, ACWD, and Zone 7 all supported the transfer. However, after the SWRCB issued its June curtailment order preventing of use of water under some water rights, it then refused to grant a health and safety exemption, so the transfer was not allowed to happen.

CCWD’s Los Vaqueros Expansion Project (LVE) is complete, and the Reservoir currently holds about 117,000 AF. Federal and state agencies are leading a study effort to consider a further expansion of the Reservoir, and numerous water agencies have signed a Memorandum of Understanding concerning those studies, including Zone 7, the other South Bay Aqueduct agencies (ACWD and SCVWD), EBMUD, and the San Luis and Delta Mendota Water Authority. Federal legislation was recently introduced by Congressmen Costa and Miller which would expedite expansion of the Reservoir; it calls for a phased approach, including near-term agreements to lease storage space in the existing 160,000 AF Reservoir, construction of a proposed \$200 Million pipeline to Bethany Reservoir to provide water directly to the South Bay Aqueduct (water that would not have to go through the SWP’s Banks Pumping Plant, and that would be diverted through existing state-of-the art fish screens), and further expansion of the storage capacity to 275,000 AF. State funds for the studies are also provided for in each of the proposed bond bills currently pending in the Legislature. The Boards of ACWD and EBMUD expressed support for the bill in May. The legislation is part of the comprehensive and very controversial federal bill about California water that has been in negotiations for months, and which now features a large gap between the versions passed by the two Houses of Congress. Congress is now on a 7-week vacation and will not return until after the November election, and then only has a few legislative days scheduled before their holiday recess, so the prospects are very uncertain. Environmental documentation and endangered species coverage has already been completed for each of these proposed projects. Federal and state studies dating back to the 1960’s indicated that the Los Vaqueros site could accommodate a reservoir with as much as 1 million AF of storage capacity.

In January, 2013 the Boards of Directors of EBMUD and CCWD accepted principles of agreement for a new partnership arrangement concerning LVE, and a demonstration project under which 5,000 AF of EBMUD water would be stored in the reservoir for up to 5 years is under way. (Under a separate agreement, EBMUD also wheeled about 1,700 AF of CCWD's CVP water to CCWD between July 17 and 24.) CCWD reached a similar understanding with ACWD on April 3, 2013 for a 1,000 AF pilot project, which was expanded to 5,000 AF in 2014 due to the drought; that water was delivered to ACWD (via the SBA as it crosses the Tri-Valley area) starting in mid-July and running through September 1. This transfer was approved by the SWRCB and required the cooperation and coordination of Reclamation and DWR. CCWD was able to forego diversion of a similar amount from the Delta because it is able to rely on storage in Los Vaqueros. Those two districts are already in talks about repeating the transfer if 2015 remains dry, and are also in discussion with EBMUD about other ways in which local agencies can work together. On February 25, the EBMUD Board agreed to exercise an option to buy up to 20,000 AF of water from the Placer County Water Agency (PCWA) in 2014, and diverted the first 5,000 AF in April, at a price of \$75/AF. EBMUD chose to not exercise the option to take another 15,000 AF of PCWA water, and the water was purchased instead by Westlands Water District, which is buying a total of 35,000 AF from Placer for \$325/AF; none of the SBA contractors apparently expressed interest in buying that water. EBMUD also purchased 16,800 AF of CVP water under its 1970 water service contract, and diverted that water via its Freeport facilities – the initial use of that contract and facilities in that manner. About 230 to 250 AF/day were delivered to EBMUD's San Pablo Reservoir and Upper San Leandro Reservoir. Those operations were necessary because the treatment plants that draw water from those reservoirs are "full treatment" plants that can adequately handle Sacramento River water; EBMUD's other principal treatment plants (Orinda, Lafayette, and Walnut Creek) are in-line filter plants which can only treat EBMUD's higher quality Mokelumne River water. Importation of the CVP water allowed EBMUD to slow the rate at which it is using its Mokelumne River supply; as a result Pardee Reservoir is still 81% full and their key local reservoirs are 68% full. (Overall, EBMUD imported almost 23,400 AF of supplemental water from non-Mokelumne River sources between April and July, and is apparently contemplating similar operations if 2015 is dry.) EBMUD's Freeport facilities can be used to convey CVP water or water made available by Yuba or Placer, but which cannot be delivered south of the Delta due to export restrictions at the DWR pumps; arrangements of this nature, especially if implemented jointly with CCWD, could provide supply and reliability benefits to numerous Bay Area water agencies. EBMUD's Mokelumne River facilities were also used in 2013 to successfully convey 2,000 AF of transfer water from the Woodbridge Irrigation District (near Lodi) to CCWD. EBMUD has also renewed consideration of a conjunctive use idea with a number of entities in San Joaquin County, and has a MOU in place to begin a pilot program of wheeling north-of-Delta transfer water through Freeport to some of the entities that buy water at wholesale from San Francisco's Hetch Hetchy system.

Many similar transactions have happened this year as a result of the drought, and regulatory agencies (especially the SWRCB) have been very helpful due to the drought crisis. Another recent such transaction involved a SWRCB-approved transfer of 10,000 AF from South Sutter Water District across the Delta to five SWP entities, four of which will receive their share of the transfer water through the Banks Pumping Plant. When water can be found north of the Delta, similar such arrangements could conceivably be made to provide additional water that could then be pumped via the South Bay Aqueduct for the benefit of Zone 7 or the other SWP contractors on that Aqueduct, but a considerable amount of planning and negotiation is needed. Such efforts were quite successful for ACWD this year.

Metropolitan Water District of Southern California has increased subsidies it will pay to water retailers for their efforts to develop local water resources, including recycled water, desalination, and recovered

groundwater. Previous subsidies were a maximum of \$250/AF; on October 14, the MWD Board increased the maximum to \$340/AF.

Federal authorities are also investigating raising the elevation of San Luis Dam by 20 feet, in a \$360 Million project to improve seismic protection and to add 120,000 AF of storage capacity for the benefit of both the CVP and SWP. Congressman Costa's new legislation concerning the San Luis Dam project would also authorize raising Shasta Dam to add 634,000 AF of storage, as a cost of about \$1.1 Billion, and building Temperance Flat Reservoir on the Upper San Joaquin River to create 1.3 Million AF of new storage at a cost of about \$2.5 Billion. A federal EIS for Temperance Flat was issued for public review in early September, and public comments were due by October 27. Reclamation is facilitating the transfer of up to 90,000 AF of water from Sacramento Valley contractors to San Luis & Delta Mendota Water Authority (SLDMWA), which includes the Santa Clara Valley Water District, between October 1 and November 15. Reclamation is also doing an environmental evaluation of a 10-year plan for further such transfers to entities including SLDMWA, CCWD, and EBMUD.

Record volumes of groundwater are now being pumped in the San Joaquin Valley, where farmers in Westlands Water District are expected to pump over 650,000 AF in 2014. As dry conditions persist, hundreds of new deep wells are being installed in the Central Valley, and the pumping of old and new wells is resulting in declining aquifers (by as much as 200 feet in one year in some areas) and land subsidence in an area that may be as large as 1,200 square miles. Many of these new wells are needed to irrigate hundreds of thousands of acres of permanent tree and vine crops that have been planted in recent years (in lieu of previous field crops like tomatoes and cotton) despite the lack of reliable and consistent imported water supplies. California now has well over 800,000 acres of almond trees, as compared to about 400,000 acres in 1995, and since such trees need an average of 3 to 4 acre-feet of water per acre to survive, this increase in almond production has "hardened" annual demand for water in areas which used to be annual field/row crops or pasture. Despite the drought, California almond production this year is expected to be 2.1 billion pounds, of which 80% is exported from the US, and uses 60% of the nation's entire managed honeybee population for pollination. On July 15, a trial court judge in Sacramento issued an unprecedented decision holding that the "public trust doctrine," which had previously only been applied to certain surface water resources, is also applicable to groundwater resources. If that decision stands up on appeal, it could have significant impact on utilization of previously unregulated and unmanaged groundwater resources in California.

Five local water entities (Zone 7, ACWD, CCWD, EBMUD and the SFPUC) and the WaterReuse Foundation are participating in projects being funded by the Water Research Foundation to study the potential for Direct Potable Reuse (DPR). The projects will begin early in 2014 and support research needs of the California Department of Public Health for compliance with the statutory mandates of SB 918 (2010) to investigate the feasibility of developing regulatory criteria for protection of public health by 2016; as a result of this work, DPR could ultimately be permitted for groundwater recharge and/or for surface water augmentation.

San Diego Desalination: Construction of the plant and pipeline are now more than 70% complete, and the project is on schedule and under budget, on a 54 mgd desalination plant in San Diego County; the San Diego County Water Authority (SDCWA) views it as a new long-term reliable source of drinking water, and will be paying an estimated \$1900 to \$2200/AF to achieve that reliability and the concurrent reduction in demand for imported water. The key conveyance pipeline is more than 70% finished. Operations are expected to begin in 2016, but first water deliveries may be in November 2015. A second such plant, with a production capacity of about 56,000 AFA, is nearing the end of the planning

and permitting phase; it will be located in Huntington Beach if the planning and permitting processes can be successfully completed. Both of these desalination plants are sponsored by Poseidon Water and utilize engineering and technology techniques that were developed in Israel; the Huntington Beach proposal is being done in cooperation with the Orange County Water District. After adopting a report on the success of the City's 2-year 1 mgd demonstration project, San Diego's City Council acted in April 2013 to pursue implementation plans for a "water purification" project to augment City drinking water supplies with up to 15 mgd of purified wastewater that would be conveyed to San Vicente Reservoir to blend with stored Colorado River water. A 2013 public opinion poll indicated that 73% of the San Diego residents who were surveyed favored the project. Initial estimates are that the project would cost about \$370 Million, and could eventually be expanded to 88 mgd. (The SDCWA has also recently completed a 152,000 AF storage addition to the City of San Diego's 70-year old 90,000 AF San Vicente Reservoir, to increase reliability and emergency storage for that region.)

Central Coast Desalination: On Sep. 23, the Santa Barbara City Council unanimously approved taking the first steps to reactivate the desalination plant that the City completed in 1992, but mothballed (and sold off parts of) beginning in 1994. The work necessary to restore the plant to its original 5,000 AF per year capacity is estimated to cost \$32 Million and be completed on 2017. Expanding the capacity by 50% would add another \$28 Million. The two efforts together are estimated to result in a \$14 to \$20 per month increase in local water bills to City accounts.

Coalition to Support Near Term Delta Projects: Largely because of similar concerns about controversy surrounding the BDCP and the concern that it will be decades before it can come to fruition, a series of water agencies, environmental groups, and others developed a consensus position on a number of projects on which immediate actions could be taken, and for which \$500 million in previously-approved bond funds are potentially available. Projects include specific actions related to water supply, water quality, levees, and ecosystem restoration. Participants include entities which do not always agree on Delta matters, including the Planning and Conservation League, Metropolitan Water District (MWD), Westlands Water District, Central Delta Water Agency, and Contra Costa Water District. These entities are working to get the necessary stakeholder support and a wide-spread consensus; the first projects will probably involve levee work. Several of the near term project ideas, including operable flow gates and temporary flow barriers are among the things being considered during the current drought conditions, and were generally referred to in the legislation introduced by 4 U.S. Senators on February 11, 2014. Several of the temporary flow barriers could be installed this year, but the spring storms caused DWR to defer the barriers for the time being.

OTHER WATER SUPPLY RELIABILITY AND UNCERTAINTY FACTORS:

Colorado River: Although it does not directly impact the District or Zone 7, a number of factors suggest that continuing uncertainty about southern California's reliance on the Colorado River will increase. The original 1922 allocation of Colorado River water (among 7 western states) was based on a short period of hydrologic history which was wetter than any period since then. The assumption then was that the River would yield 15 MAFA; the U.S. now believes that the actual yield is closer to 12 MAFA. Upper Colorado River Basin runoff was 94% of average for 2014, but the impacts of the last 14 years of dry conditions means that storage in Lakes Powell and Mead is still at a point where water deliveries to California are curtailed. Lake Powell is at 51% of capacity and might reach 60% this year; Lake Mead is at 39% of capacity but may drop by another 20 feet this year, and is currently at the lowest water surface elevation since the Lake began filling in 1935 -- the lake level is 137 feet below a full reservoir pool. The total combined storage in the two lakes at the end of October is projected to be the lowest

since 1968, when Lake Powell was first being filled. As a result, southern California's ability to rely on transfers from Imperial Irrigation District (IID) to San Diego (which gets 33% of its water from these transfers), or on full deliveries from the Colorado to the MWD is now less certain. The complex set of agreements which resulted in transfers of water from IID to San Diego requires IID to meet certain water conservation goals; this has proved to be difficult for IID, and the conservation programs are very controversial among its agricultural water users. MWD has put over 2.7 MAF in storage in southern California, but in the long run a reduction in Colorado River water would tend to put added emphasis (i.e., water demand) on exports from the Delta to southern California. 2013 marked the worst 14 years of hydrologic history on the River since records have been kept; in contrast, in 2000, the combined storage in Lakes Mead and Powell was 95% of capacity. It should also be noted that in contrast to the extremely high prices being paid for water in the San Joaquin Valley, some farmers in the Coachella Valley and in Imperial County are paying as little as \$20 - 40/AF for Colorado River water. In anticipation of further decline in the reliability of Colorado River supplies, Arizona adopted and refined its comprehensive groundwater management statutes in the 1980's and 1990's, and these laws are the basis for an extensive groundwater banking program. California has no such legislation, and although there is extensive groundwater management planning in many areas (such as the Tri-Valley), there is nothing on a statewide or Central Valley-wide basis that can be used to offset drought conditions.

H:\Board\2014\10-07-14\9B Water Supply Report\Attachment 1 - Water Supply Demand Report.docx

As of October 29, 2014

<i>DROUGHT EXPENSE BUDGET</i>		
No.	Description	Activities / Status
1	FYE 2014 Budget	\$150,000
2	FYE 2014 Expenses	\$125,552
3	FYE 2015 Budget	\$150,000
4	FYE 2015 Expenses to Date Committed to Date (Spent; Open POs)	Actual: \$73,168 Pending: \$90,426 Amount Over Budget \$13,593
5	FY to FY Budget Transfers	None to date
<i>EXEMPTIONS FOR WATER USE LIMITATION</i>		
No.	Description	Activities / Status
1	No. Received	76
2	No. Approved by Drought Coordinator	43
3	No. Denied by Drought Coordinator	31
4	No. Appealed to Board	2
<i>VIOLATIONS OF WATER USE LIMITATION</i>		
No.	Description	Activities / Status
1	No. Written Warnings Issued	1073
2	No. \$250 Violations Issued	117
3	No. \$500 Violations Issued	8
4	No. \$1,000 Violations Issued	3
5	No. Flow Restrictors Installed	0
6	No. Service Shutoffs	1
7	No. Waivers Requested	57
8	No. Waivers Approved by Drought Coordinator	49
9	No. Waivers Denied by Drought Coordinator	6
10	No. Waivers Appealed to Board	1
<i>IMMEDIATE WATER USE CURTAILMENTS.</i>		
No.	Description	Activities / Status
1	Curtail potable irrigation systems at all District facilities (i.e., primarily remote pump stations)	Complete
2	Only cleaning sewers with recycled water (except for SSO's and emergencies)	Complete
3	Ceasing all hydrant flushing (except for critical areas with identified water quality problems)	Complete

4	Exchanging all potable hydrant meters for purple recycled water hydrant meters for construction use	Complete
MEDIA BASED PUBLIC OUTREACH		
No.	Description	Activities / Status
1	Radio Spots	<ul style="list-style-type: none"> • 420 spots monthly M-F, 30-seconds each, plus DJ chatter, 5/4/14 to 8/31/14 • \$22,680 for 3 months (shared total cost, \$68,040, with Livermore, Pleasanton & Zone 7 Water Agency) • No radio ads Sept 4 -21 • \$10,000, 210 total spots, 30-sec each, 42 per week, Sept 22 – Oct 26, DSRSD and Livermore shared funding
2	Television	<ul style="list-style-type: none"> • 4,000+ spots; 30-second each, airing on 10 Comcast channels, started 5/15/14 thru 7/27/14 • \$17,000 (shared total cost, \$50,000, with Livermore & Pleasanton)
3	Print (and Electronic media)	<ul style="list-style-type: none"> • 38 letters to HOA 5/21/14 regarding the Governor’s reinforcement of the drought emergency • Second letter sent 6/12/14 offering drought speakers
4	Drought Websites	<p>The Tri-Valley regional website, www.trivalleydrought.org, went live 5/12 and links to DSRSD website.</p> <p>Since 9/29/14, there have been 3,361 visits to the website: 441 from Dublin; 229 from San Ramon; 712 from Pleasanton; and, 518 from Livermore. Spikes in visits to the website correlate with ads on Comcast, KKIQ and coverage in the Times and Independent and the launch of the Facebook ad campaign driving traffic to the website starting 7/28/14.</p> <p>As of 9/29/14 2,222 clicks on ads directed users to the website; 315 “likes” on the post; 101 users “shared” the post with others on Facebook; 75 “likes” on the page; 43,209 people saw the ad but did not click the link to the regional website. Total cost to date of the Facebook ad campaign is \$735.95.</p> <p>DSRSD website has the following drought related information: Drought emergency red banner across the top page of all web pages; water use limitations and penalties (in English and Spanish); rebates and resources; Stage 3 water shortage rates; how to report a drought violation; AquaHawk customer portal; residential recycled water fill station with a link to its Facebook page; information about past investments in recycled water paying big dividends in the present drought; Drought 2014, what you need to know; How to apply for a water use exemption/appeal a violation; and the news items on the Home Page are all drought related.</p>

COMMUNICATION WITH CUSTOMERS		
No.	Description	Activities / Status
1	Direct mailers, letters, to District customers notifying them of water use limitations, rate changes etc. including courtesy letters but excluding all enforcement action communications	<ul style="list-style-type: none"> • 5/13 - 17,516 courtesy letters sent to all District potable water customers about rate increase, limitations, violations and penalties • 5/21 - 712 courtesy letters delivered to the highest usage Tier 3 customers above 4,480 gallons in the previous week • 5/21 - 38 courtesy letters sent to HOA's in Dublin • 5/23 - 17,516 Aquahawk postcards sent to all District potable water customers • 5/28 - 631 courtesy letters sent to Tier 3 customers using more than 4,480 gallons in the previous week • 5/29 - 16 courtesy letters sent to DUSD and SRV USD school principals • 6/2 - 12 courtesy letters sent to HOA's in San Ramon • 6/20 - 196 courtesy letters sent to new District customers informing them of limitations, ways to save, etc. (accounts opened since June 1 – June 19) • 6/8 - 175 courtesy letters sent to new District customers informing them of limitations, ways to save, etc. (accounts opened since June 20 – July 7) • 9/10 - 580 courtesy letters sent to new District customers informing them of limitations, ways to save, etc. (accounts opened since July 8 – September 9)
2	Messages on social media sites such as Facebook and Twitter	<p>Tweeted news releases: (1) <i>Recycled Water Fill Station Open and Free to Residential Customers</i>; (2) <i>Tri Valley Water Reduction Meets Governor's Request</i>; (3) <i>Fire Safety Critical During Drought</i>; (4) <i>How Are We Doing</i>; (5) <i>DSRSD Customers Respond to Mandatory Measures</i>; (6) <i>DSRSD Endorses Water Bond for November Ballot</i>; and, (7) <i>Wildfire Training Fights Drought Using Recycled Water</i>.</p> <p>At a customer's request, staff created a Facebook page for the residential recycled water users www.facebook.com/FreeRecycledWater. As of 10/19/14 1,161 people have viewed this page, 160 people have engaged with the page and 45 have "liked" it.</p>
3	Periodic messages via bottom of the bill, bill stuffers and other direct mailings	<ul style="list-style-type: none"> • 1/15 water only when weather dry • 2/1 Gov. declared drought emergency. Reduce outdoor watering • 2/15 to 4/15 During drought fix leaks, reduce outdoor watering • 5/1 Drought serious. Reduce outdoor watering 50% • 5/15 to 7/15 Mandatory limits on water use, penalties, Stage 3 drought rates in effect. Reduce outdoor watering by at least half
PRESENCE IN THE COMMUNITY, AT COMMUNITY EVENTS AND AT COMMUNITY MEETINGS		

No.	Description	Activities / Status
1	Making presentations to local City Councils	<ul style="list-style-type: none"> • Dublin City Council presentation 3/18 • San Ramon City Council presentation 4/8 • 2014 Drought Debrief Presentations scheduled: <ul style="list-style-type: none"> ○ 11-18-14 Dublin City Council ○ 11-25-14 San Ramon City Council
2	Meet with major public customers (School District, Camp Parks, Alameda County, FCI etc)	<ul style="list-style-type: none"> • Camp Parks Command Staff (twice, most recent on 5/16) • Alameda County Fire 4/14 • San Ramon Valley Fire 4/17 and 7/11 • Camp Parks Fire has not responded to numerous requests for a meeting, so a letter was sent on 5/2. • San Ramon PD: meeting held on 5/28 • Dublin PD: meeting held on 5/29 • Contra Costa Office of the Sheriff on 7/11 and 7/16
3	Speaking to local community groups including Rotary, Lions, etc	<ul style="list-style-type: none"> • Amador Valley Lions 2/27 (12 attendees) • San Ramon Rotary 3/6 (45 attendees) • Dublin Chamber Economic Development Committee 3/6 (10 attendees) • Dublin Rotary 3/11 (40 attendees) • Dublin Lions 3/25 (20 attendees) • Dougherty Elementary Science Night 5/15 (100 attendees) • 6/12 sent letter to community groups and HOAs offering drought speakers • Dublin Lions Club 7/23 • Tri-Valley SIRS 8/7 • Dublin Rotary 8/19 • St. Raymond's Women's Guild 10/7 • Neighborhood Improvement Committee, 10/20
4	Speaking to local Home Owners Associations (HOA's) and similar groups of residents	<ul style="list-style-type: none"> • Hansen Ranch HOA 2/27 (10 attendees) • Sorrento West HOA 3/6 (10 attendees) • Dougherty Elementary Science Day, Keynote Speaker 5/15 • California Highlands HOA 5/22 (100 attendees) • California Highlands HOA 5/22 (42 attendees) • Positano HOA 6/23 (14 attendees) • Terraces at Dublin Ranch HOA 7/15 • Community Association Institute (Assn of HOAs), 9/19 • Community Association Institute, mini expo of HOAs at Marriott in San Ramon 9/19 • Villa Paseo Rose Garden HOA to be scheduled
5	Conducting neighborhood meetings to explain the water situation and how to conserve water	<ul style="list-style-type: none"> • Dublin Corporate Center Green Fair informational booth about the drought 4/23 • Dublin "Water Wise" Workshop informational booth about the drought 5/3 • San Ramon Town Hall Mtg 5/22 (0 attendees)

6	Attend Farmers Markets and other community events to distribute information and simple water saving devices	<ul style="list-style-type: none"> • DSRSD staffed a booth at Dublin Farmer’s Market 4/17 & 5/15 • KKIQ event booth talking about ways to reduce water use and handing out tote bags (spent \$2,000, 1/3 of total cost for 4,000 bags) with “I’m getting by with less water” printed on sides; 35 Dublin and San Ramon events during the summer and up to Labor Day weekend: Farmers Markets, Regal Summer Movie express, Fresh Millions Anniversary Event, Plaza at Gayle Ranch Car and Wine Stroll, San Ramon Concert Series
PROMOTING CONSERVATION MESSAGES IN THE COMMUNITY		
No.	Description	Activities / Status
1	Promoting the “Save Our Water” and “Californians Don’t Waste” campaigns on the District website	Save Our Water button on our website’s home page, http://www.dsrdsd.com/home/home.html ; Californian’s Don’t Waste used in residential lawn signs and community presentations
2	Making yard signs available to residents who allow their lawns to go golden “This lawn is helping to conserve our water supply”	<ul style="list-style-type: none"> • 6/5/14 golden lawn signs available to residential customers, about 150 signs have been given to customers so far. • Shared artwork for lawn signs with Pleasanton and Livermore
CONSERVATION-FOCUSED CUSTOMER EDUCATION		
No.	Description	Activities / Status
1	Develop simple “Residential Water Management Guides” for use by residents	Completed
2	Develop simple “Commercial Water Management Guides” for use by businesses (and enlist Chamber of Commerce assistance to distribute)	Distributed 400 flyers, <i>Conservation Strategies for Businesses and Restaurants</i> , which offered businesses free restroom mirror stickers and restaurant table tents, 4/ 1 Dublin Chamber of Commerce mailing (\$100). No requests.
3	Providing “School Site Water Management Guides” to be used by school district staff at each school site	<ul style="list-style-type: none"> • 2/26 sent Drought watch and water conservation tips to DUSD contact • 5/29/14 sent DUSD contact (T. Sbranti) tips for teachers on what they could do to reduce water use at school
4	Providing activity booklets to students in local schools about the need for conserving water and the value of recycled water	<ul style="list-style-type: none"> • 1495 second graders received water conservation activity booklets (\$2,814) • 1,404 third graders received home water audit/water hero packets (\$4,233) • 2,495 fifth graders received “Give Water a Second Chance, Recycle It” activity booklets
ASSISTANCE WITH CUSTOMER CONSERVATION		
No.	Description	Activities / Status
1	Conduct landscape water audits	1

2	Promote availability of home water saving devices	<p>From 1/1 to 10/14, distributed 2,548 water-saving devices to 265 customers through events and walk-ins:</p> <ul style="list-style-type: none"> • 132 kitchen faucet aerators • 654 bathroom faucet aerators • 410 showerheads • 439 toilet flappers • 488 toilet leak detection kits • 321 hose nozzles.
3	Partner with the City of Dublin and PG&E to sponsor the California Youth Energy Services “Rising Sun” program, which provides free home energy and water audits and distributes shower heads, aerators, toilet flappers, and dye tablets to District customers	DSRSD housed the California Youth Energy Services staff July 1 through mid-August in the Utility building. The staff conducted 226 home energy and water audits in our service area.

RECYCLED WATER PUBLICITY

No.	Description	Activities / Status
1	Posting signs on sites that use recycled water that say “Recycled Water Keeps this Garden Green” so that the public knows why the area is green	<ul style="list-style-type: none"> • Printed (two sides) and distributed 250 (initially) (125 with our logo and City of Dublin’s logo and 125 with just our logo) \$4,063 residential lawn signs • Reprinted 250 more and making them available to residential customers using recycled water, and all had been given out as of 8/25 • 100 more signs were ordered 65 remain. Signs are kept at the refill station shed and are made available to customers who want them.
2	Publicizing the availability of recycled water for contractors and the public	<ul style="list-style-type: none"> • 4.3.14 News Release, “District Provides Recycled Water for Construction” • 6.16.14 News Release, “Recycled Water Fill Station Open and Free to Residential Customers” • 6.18.14 News Release, TriValley Water Reduction Meets Governor’s Request But Still Needs to do More • 7.2.14 News Release, Fire Safety Critical During Drought • 7.31.14 News Release, Mid-Year Update: How Are We Doing? • 9.10.14 News Release, Tour Water Recycling Plant • 9.16.14 News Release, Customers respond to mandatory measures • 9.18.14 News Release, Board Endorses Water Bond

EXPANDED RECYCLED WATER USE

No.	Description	Activities / Status
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1	Permanent Connections	<p><u>Completed</u></p> <ul style="list-style-type: none"> • Val Vista Park (Pleasanton) –Savings 54.5 AF • Dublin High School – Savings 40.27 AF • Archstone Apartments – Savings 18.89 AF • City of Dublin – 8 PW meters converted – Savings 38.38 AF • Dublin Golf Course (Tees and Greens) -Savings 30.28 AF • Dublin Toyota – saving 22.30 AF • Silvera Ranch HOA – savings 8.59 AF • Dublin Ranch HOA (7 meters) saving 19.33 AF • Dublin Public Works Complex – 5 AF • City Hall Interior Quad – 4.7 AF • Amador Lakes Apartments – 55.56 AF • City of Dublin Dougherty Road & Amador Valley Blvd landscaping – 6.09 AF <p>Total estimated potable water savings = 225 AF</p> <p><u>In Progress:</u></p> <ul style="list-style-type: none"> • Dougherty HS bldg. landscaping & interior quads and 4 more SRVUSD schools • Dublin HS Performing Arts Center & interior quads <p>Estimated potable water savings not yet determined</p>
2	Temporary Connections	No temporary connections are planned at this time due to the relatively high cost compared to the potential water savings for the sites that were evaluated.
3	Contractors and Construction	A large number of contractors have obtained permits and are actively hauling recycled water for construction grading and dust control. In addition, the City of Pleasanton obtained a permit to obtain recycled water for sewer cleaning, and beginning on June 3 the City began hauling recycled water for irrigating the Calippe Golf Course. As of October 26 a total of 14.3 MG of recycled water has been hauled offsite by contractors so far this year.
4	Public Distribution	Recycled water distribution program to the general public began June 12 th . As of October 27 there are 479 customers participating in this program. At least 5-10 new participants sign up each week, and as of October 26 a total of 2.1 MG of recycled water has been distributed to residential customers. The facility provides 8 dedicated residential fill stations and is open 7 days per week.

ENHANCED CUSTOMER SERVICE

No.	Description	Activities / Status
1	Allow customers to monitor individual water consumption (hourly in most cases) via AquaHawk Alert customer portal	Completed with Aqua Hawk launch on 5/19. 5,557 Customers have registered as of 10/27.
2	Allow customers to set consumption thresholds and receive an electronic notice when they are approaching that threshold	Completed with Aqua Hawk launch on 5/19

3	Allow customers to set a billing threshold to receive an electronic notice when they are approaching a selected dollar amount	Completed with Aqua Hawk launch on 5/19
4	Notify the customer of possible leaks	Ongoing - number of letters specifically related to leaks has not been specifically tracked.
5	Identify, for the District, customers who may be violating a water use restriction	Ongoing - See above
6	Identify, for the District, customers who are using unreasonable or inappropriate amounts of potable water	Ongoing - See above
7	Identify, for the District, customers who are approaching or have crossed over a pre-determined threshold	AquaHawk allows the customer to set alerts to notify them that they are approaching enforcement consumption. Those who cross over are included in # 5.

WISE WATER USER CREDIT PROGRAM

No.	Description	Activities / Status
1	Identify potentially eligible customers based on 2013 usage	Completed – 1,143 Customers maintained usage in Tier 1 during 2013
2	Identify potentially eligible customers based on 2014 usage	Through September 1,062 customers remain eligible.

ENHANCED REBATE PROGRAMS (Since May 5)

No.	Description	Activities / Status						
1	High Efficiency Toilet (HET)	49 – DSRSD total \$2,351						
2	Waterless Urinals	0						
3	High Efficiency Clothes Washer (HEW)	323 – DSRSD total \$8,075 (\$25/rebate)						
4	Pool and Spa covers (to reduce evaporation)	16 – DSRSD total \$793.59 (\$50/rebate)						
5	Weather Based Irrigation Controller (“Smart Controller”) - <i>Single Family Homes</i>	1 - inspections are required; possible rebate amount \$71.55.						
6	Weather Based Irrigation Controller (“Smart Controller”) – <i>Multi-Family Dwelling</i>	1 site (2 controllers); total DSRSD rebate \$200.00						
7	Lawn Replacement Program – Single Family	13 approved projects; paid out on 3 of them total \$1,298.85 Total possible payout once fall planting is approved & complete \$2,048.25.						
8	Lawn Replacement Program - Commercial	1 – post inspection is still needed, total possible payout is \$575.00						
9	Amount of District Rebates Issued (Program Max = \$30,000)	<table style="width: 100%; border: none;"> <tr> <td style="width: 60%;">Actual:</td> <td style="text-align: right;">\$12,718.44</td> </tr> <tr> <td>Pending:</td> <td style="text-align: right;">\$14,114.39</td> </tr> <tr> <td>Remaining Rebate budget</td> <td style="text-align: right;">\$ 3,167.17</td> </tr> </table>	Actual:	\$12,718.44	Pending:	\$14,114.39	Remaining Rebate budget	\$ 3,167.17
Actual:	\$12,718.44							
Pending:	\$14,114.39							
Remaining Rebate budget	\$ 3,167.17							

IRRIGATION ADJUSTMENTS AND REPAIRS PROGRAM

No.	Description	Activities / Status						
1	Secure Services of Contractor	JPA Landscape is providing contract services for this program.						
2	Number of Requests Handled	6						
3	Cost of Repairs Handled (Program Max. = \$10,000)	<table style="width: 100%; border: none;"> <tr> <td style="width: 60%;">Actual:</td> <td style="text-align: right;">\$ 750</td> </tr> <tr> <td>Pending:</td> <td style="text-align: right;">\$ 0</td> </tr> <tr> <td>Remaining Program budget</td> <td style="text-align: right;">\$9,250</td> </tr> </table>	Actual:	\$ 750	Pending:	\$ 0	Remaining Program budget	\$9,250
Actual:	\$ 750							
Pending:	\$ 0							
Remaining Program budget	\$9,250							

PURSUE SHORT-TERM TEMPORARY WATER SOURCES		
No.	Description	Activities / Status
1	Confirmed with Zone 7 that the District may pursue water transfers	Completed – 4/16
2	Pursuit of water transfers	<ul style="list-style-type: none"> • Letters of support for Delta Wetlands – Semi-tropic water transfer • Discussed possible transfer with Placer County Water Agency – but water already sold to Westlands and others • Explored opportunities with EBMUD for water transfers; effectively not possible for 2014 but have laid the groundwork for possibilities in 2015 is another dry year.



Reference Engineering Services Manager	Type of Action Authorize Task Order	Board Meeting of November 4, 2014
Subject Recycled Water Expansion Phase 1 - Distribution to West Dublin (CIP 15-R009): Authorize Task Order No. 6 with HDR Engineering, Inc.		
<input checked="" type="checkbox"/> Motion	<input type="checkbox"/> Minute Order	<input type="checkbox"/> Resolution
<input type="checkbox"/> Ordinance	<input type="checkbox"/> Informational	<input type="checkbox"/> Other
REPORT:	<input type="checkbox"/> Verbal	<input type="checkbox"/> Presentation
	<input checked="" type="checkbox"/> Staff	R. Biagtan
		<input type="checkbox"/> Board Member

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Recommendation:

The Engineering Services Manager recommends the Board of Directors, by Motion, authorize the General Manager to execute Task Order No. 6 with HDR Engineering, Inc. (HDR), for Engineering Services to prepare design drawings for *Recycled Water Expansion Phase 1 – Distribution to West Dublin (CIP 15-R009)* in the amount of \$385,544.

Summary:

In July 2014 the Board of Directors approved an amendment to the CIP Two-Year Budget for Fiscal Years Ending 2014 and 2015 that included the addition of the Recycled Water Expansion Phase 1 – Distribution to West Dublin (Project).

Phase 1 of the Recycled Water Expansion Project includes construction of approximately five miles of pipeline to extend the District's existing recycled water distribution system to customers in western Dublin and to Alameda County facilities, including the Santa Rita Jail in central Dublin, permanently reducing potable water demand by approximately 350 acre-feet per year (AFY). The design contract with HDR is for the portion of the pipeline that will extend recycled water distribution to west Dublin and will make recycled water available for several properties including Shannon Park and Dublin Elementary School.

The estimated cost of the Project is \$6.0 million. The District has applied for \$2.0 million of the State Integrated Regional Water Management Proposition 84 Drought Grant. The grant award is pending. If successful, the resulting net project cost is \$4.0 million. The remaining project cost would be funded from a combination of the Water Expansion Fund (65%, Fund 620) and the Water Replacement Fund (35%, Fund 610). Adequate funds are available for this project.

Staff conducted a “Quality Based Selection Process” in accordance with the District’s Purchasing Procedures and Board Resolution No. 14-06 in selecting the firm to prepare the Project. Staff sent a Request for Proposal for the Project to nine (9) firms and three (3) submitted proposals. Staff reviewed the proposals and based on the proposed approach to work and experience, HDR was selected. The scope of services provided by HDR is detailed in the Scope of Work attached to the Task Order. The design is expected to be completed in April 2015 and construction will commence in time for schools to be out of session.

Committee Review			Legal Review	Staff Review		
COMMITTEE ---	DATE ---	RECOMMENDATION ---	Not Required	ORIGINATOR S. Delight	DEPARTMENT Engineering	REVIEWED BY
ATTACHMENTS <input type="checkbox"/> None						
<input type="checkbox"/> Resolution	<input type="checkbox"/> Minute Order	<input checked="" type="checkbox"/> Task Order	<input type="checkbox"/> Staff Report	<input type="checkbox"/> Ordinance		
<input checked="" type="checkbox"/> Cost \$385,544	<input checked="" type="checkbox"/> Funding Source A. Water Expansion 65% (620) B. Water Replacement 35% (610)		Attachments to S&R 1. Task Order No. 6 2. Scope of Work 3. Map			

HDR Engineering, Inc.
Task Order No. 6 to Agreement dated March 20, 2013

Issue Date:	October 27, 2014
Project Name and Number:	15-R009 Recycled Water Expansion Ph 1: Distribution to W. Dublin and Alameda County
Task Title:	Recycled Water Expansion Phase 1 – Distribution to West Dublin
Project Manager Name & Signature:	Steven Delight _____
Source of Funds:	620 and 610
Board Review Committee:	Water
Account Number:	15-R009.design.cip
Authorization Amount:	\$385,544
Purchase Order Number:	TBD
Return Purchase Order to:	Sara Tom
Compensation Method:	Time and materials as per Agreement
Completion Date:	June 30, 2014
Insurance Requirements:	As per Agreement; no special requirements
Work Product:	See Attachment "A"
Digital Drawings, if applicable:	Digital files shall be in AutoCAD 2010 or higher drawing format. Drawing units shall be decimal with a precision of 0.00. Angles shall be in decimal degrees with a precision of 0. All objects and entities in layers shall be colored by layer. All layers shall be named in English. Abbreviations are acceptable. All submitted map drawings shall use the Global Coordinate system of USA, California, NAD 83 California State Planes, Zone III, U. S. foot.
Scope of Work:	See Attachment "A"
Economic Disclosure:	<input type="checkbox"/> Required – Need to include Attachment B <input checked="" type="checkbox"/> Not Required
	35T (_____)
Recommended by:	35T (_____)

Accepted by:

Graham Sharpe, Vice President
HDR Engineering, Inc.

Date

Authorized by:

Bert Michalczyk, General Manager
Dublin San Ramon Services District

Date

SCOPE OF WORK/ASSUMPTIONS

DUBLIN SAN RAMON SERVICES DISTRICT RECYCLED WATER EXPANSION PHASE 1 – DISTRIBUTION TO WEST DUBLIN

TASK 1 – Project Management, Quality Assurance/Quality Control (QA/QC), and Meetings

Subtask 1.1 – Project Management and Coordination

HDR shall provide management of the project team in terms of staffing, budget, schedule, and scope. This subtask includes managing the schedule and budget, scheduling workload of staff, and preparation of monthly invoices and progress reports. Progress reports shall summarize budget and schedule status in measurable terms. Other activities include keeping District and informed, soliciting input from District when making key decisions, and scheduling of staff.

This subtask also includes bi-weekly meetings with the District's User Group via conference call, and coordination with the City of Dublin and engineering firm responsible for completing the plans for the onsite conversions and retrofits of each site.

Deliverables: Monthly invoices and progress reports.

Subtask 1.2 – QA/QC Program

HDR shall provide QA/QC for the project according to HDR's standard policies. Project deliverables shall be reviewed by senior technical staff not involved in the day-to-day execution of the work prior to submittal to the District.

Subtask 1.3 – Meetings

HDR shall attend up to four meetings with District staff (User Group), and other project stakeholders. Expected meetings include:

- 1.3.1 - Kick-off Meeting (includes site visit)
- 1.3.2 - Basis of Design Report Review Workshop
- 1.3.3 - Design Review Meetings. Workshops will be held after District review of the 50 and 90 percent design submittals.

HDR will develop an agenda and will distribute meeting minutes and action items for review by attendees for each meeting.

Deliverables: Meeting agendas and minutes.

Task 2 – Preliminary Design and Basis of Design Report

Subtask 2.1 – Alignment Confirmation

HDR will review existing documents related to the project, conduct site visits to the project area, and meet with District staff and other project stakeholders to confirm that the pipeline alignments described in the September 2013 “Dublin Recycled Water Expansion” analysis are feasible. Documents to be reviewed are expected to include the record drawings for existing District and City facilities, the “Dublin Recycled Water Expansion” analysis, and other relevant documents provided by the District.

Changes to pipeline alignments will be noted for environmental documentation and permitting being coordinated by the District.

HDR’s level effort on this task will be limited to the fee provided for this task.

Deliverables: The results of the Alignment Confirmation work will be incorporated into the Basis of Design Technical Memorandum (TM) prepared as part of Subtask 2.5..

Subtask 2.2 – Utility Investigation

HDR will send letters to each of the utility companies with facilities in the project area using the “A, B, C” procedures recommended by the American Public Works Association’s (APWA’s) Utility Locating Subcommittee. The “A” letter will include the initial notification of the project and a project area map showing the anticipated limits of work, and will request system utility maps for the project area from each utility owner. The area requested will be large enough to include all likely pipeline routes so that utility information may be used to evaluate route feasibility in case alternative alignments are beneficial to the District.

Utility “B” letters will provide detailed information regarding the selected alternative and preliminary project drawings, and confirmation that each owner’s facilities are properly depicted will be requested. The “C” letters will provide final notice that the project is being advertised for construction bids.

HDR’s subconsultant, Subtronic, will investigate (pothole) up to 40 existing subsurface utilities to confirm the location, depth, and outside diameter of crossing utilities, and identify potential conflicts to aid in the design of the project.

Deliverables: The results of the Utility Coordination work will be incorporated into the Basis of Design TM prepared as part of Subtask 2.5 and the final design prepared under Task 4.

Subtask 2.3 – Surveying and Mapping

HDR’s subconsultant, O’Dell Engineering, will perform topographic field surveys, topographic mapping, and other survey work to support the design of the project. Mapping limits will be from back-of-sidewalk to back-of-sidewalk of the public roads along the proposed pipeline routes.

Survey control will be established that can be used for the field surveys and as a basis for future surveying and engineering work on the project site. The survey control will be based on the NAD 863 horizontal datum and the NAVD 88 vertical datum (datums will be established using the latest NGS

CORS data). The coordinate reference system used will be the California State Plane Coordinates – Zone 3, US Survey Feet.

Laser scans of the project site will be collected and topographic survey drawings developed for use during project design. The topographic survey drawings will clearly locate and identify:

- a) Hardscape features, such as curb and sidewalk.
- b) Building footprints.
- c) Surface utility features.
- d) High points, low points, breaklines, and spot elevations in flat areas.
- e) Trees over 6 inches in diameter.
- f) Traffic striping.

Depths to invert (dips) will be measured for sewer manholes, storm drain manholes, and storm drain catch basins within the project limits (for structures with accessible lids and able to be opened with a manhole pick).

Up to 40 utility pothole reference marks will be located and incorporated into the topographic mapping. Up to four trips to the project site will be made for the location of utility pothole ties.

Deliverables: AutoCAD DWG files of the topographic survey and utility mapping (Version 2012). Digital copies of drawings obtained from utility companies.

Subtask 2.4 – Basis of Design Report

HDR will prepare a Basis of Design report in the form of a TM. The Basis of Design TM will describe the preferred alignments for project pipelines and will include drawings showing their horizontal locations (no profiles). HDR will evaluate the pipeline sizing assumptions made in the “Dublin Recycled Water Expansion” analysis, and recommended changes, if any, will be included in the Basis of Design TM. The TM will provide recommendations on pipe materials, design criteria, traffic control needs, construction methods and challenges, construction sequencing, and project phasing recommendations. HDR will submit a Draft Basis of Design TM for District review, and a Final Basis of Design TM that addresses and incorporates District review comments.

Deliverables: Four hard copies and one electronic (PDF) copy each of the draft and final Basis of Design TM.

Task 3 – Permitting

HDR will prepare permit applications and accompanying figures for submittal by the District to the following permitting agencies having jurisdiction over the work:

- City of Dublin Encroachment Permit (for work within the city road rights-of-way).
- Alameda County Zone 7 Flood Control Encroachment Permit (for crossing flood control channels).

- Caltrans Encroachment Permit (for crossing Highway 680).

Applicable permit fees will be paid by the District.

Deliverables: Completed permit application packages, ready for submittal to permitting agencies by District.

Task 4 – Final Design

HDR will prepare plans, technical specifications, and an engineer's opinion of probable construction cost (OPCC) for the construction of the project. The contract documents prepared by HDR will address State Department of Water Resources (Proposition 84) grant funding requirements.

Drawings will be prepared in AutoCAD. Design plans will be developed utilizing industry standard scales, in English (not metric) engineering units. Anticipated contract drawings include the following:

<u>Drawing No.</u>	<u>Sheet No.</u>	<u>Sheet Title</u>
1	G01	Cover Sheet, Vicinity Map, Location Map
2	G02	Drawing Index and General Notes
3	G03	Abbreviations
4	G04	Legend and Symbols
5	G05	Key Map and Survey Control
6 – 24	C01 – C19	Plan and Profile – 1 through 19
25 – 28	D01 – D04	Miscellaneous Details
29	D05	Service Connection Details
30-38	TC01 – TC05	Traffic Control Plans

HDR will prepare traffic control plans for use by the construction contractor in building the project and to assist with obtaining necessary permits from the City and Caltrans. HDR will provide traffic control plans at the 90 and 100 percent (final) design submittal stages. Plans and details provided will include:

- Typical traffic control plans for San Ramon Road, Amador Valley Boulevard, and Dublin Boulevard.
- Traffic control plans at major intersections, including:
 - ✓ Amador Valley Boulevard and Valley Parkway.
 - ✓ Amador Valley Boulevard and San Ramon Road.
 - ✓ San Ramon Road and Dublin Boulevard.

Specifications will be prepared in Construction Specifications Institute (CSI) format using Microsoft Word. Our budget for this task assumes that the District will prepare and provide a set of General Conditions and Special Provisions, bid form, example agreement and other “front-end” sections for HDR to incorporate into the bid set, and that HDR’s master specifications will be used as a basis for the technical provisions.

Engineer's opinion of construction cost will be prepared in Microsoft Excel.

Drawings, specifications, and engineer's estimate of probable construction cost will be submitted to the City for review and approval at the 50, 90, and 100 percent design stages.

Subtask 4.1 – 50 Percent Design Submittal

HDR will prepare a 50 percent design submittal for District review. The 50 percent drawings will include General Drawings (G01 to G03), Plan and Profile Drawings (C01 to C19), partial Detail Drawings (D01 to D05), and Traffic Control Drawings (TC01-TC05). Plan and Profile drawings will depict the horizontal and vertical location of the proposed pipeline alignment, but not all annotation, etc., will be complete at this stage. Details that are not included but are expected to be required will be noted as being developed for the 90 percent design submittal.

Technical specifications will be provided, though, at this stage, they may not be completely developed. Missing or incomplete sections will be noted in the submittal. No “front end” (Division 0 or 1) documents will be included at the 50 percent design submittal stage.

An OPCC will be provided.

Deliverables: Four hard copies and one electronic (PDF) copy each of half-size (11" x 17") drawings, specifications, and OPCC.

Subtask 4.2 – 90 Percent Design Submittal

HDR will prepare a 90 percent design submittal for District review. The 90 percent design Submittal will address and incorporate District comments on the 50 percent design submittal, and will be essentially complete. Minor issues remaining will be noted for District input. Technical specifications will be complete and include “front end” documents (provided by District). A revised OPCC will be provided.

Deliverables: Four hard copies and one electronic (PDF) copy each of half-size (drawings, specifications, and OPCC.

Subtask 4.3 – 100 Percent (Final) Design Submittal

HDR will prepare a 100 percent (final) design submittal addressing and incorporating the District's comments on the 90 percent design submittals, ready for advertisement for bidding. The final design submittal will include complete drawings and specifications (front end and technical specifications), and an updated OPCC.

Deliverables: One full-size (22" x 34") reproduction-ready 100 percent (final) drawing set, one unbound reproduction ready copy of the 100 percent (final) specifications, four half-size sets of 100 percent (final) drawings, four bound copies of the 100 percent (final) project

specifications, four copies of the 100 percent (final) OPCC, and one electronic (PDF) copy of the 100% design submittal documents.

Task 5 – Geotechnical Investigation

Although the planned pipelines are anticipated to be small diameter pipes at relatively shallow depths of burial, at up to five locations the pipelines may need to cross creeks or creek culverts. Of those five locations, two of the pipelines may need to be installed beneath the creek using trenchless methods, such as horizontal directional drilling (HDD). These two locations are near the northern end of the Tehan Court cul-de-sac and one near the 90 degree turn along Cronin Circle. This scope of services consists of drilling one test boring at/near each of these two creek crossing locations to obtain data on geotechnical subsurface conditions and development of geotechnical recommendations for the design of the pipelines or pipeline crossing methods.

The following subtasks would be performed under this task:

Subtask 5.1 - Field Exploration and Laboratory Testing

HDR will perform a field investigation program consisting of two test borings at the proposed pipeline creek crossing locations – one near the northern end of the Tehan Court cul-de-sac and one near the 90 degree turn along Cronin Circle. We will retain the services of a drilling subcontractor who will perform the borings using auger drilling equipment. We propose advancing the borings to depths of about 25 feet, or to practical refusal in bedrock, whichever is shallower.

HDR will coordinate our field work with the District and other concerned parties as identified by the District. Prior to performing the field exploration, HDR will obtain the required County of Alameda boring permit. HDR will conduct a site reconnaissance to locate exploration points and mark the proposed test borings. HDR will notify Underground Service Alert (USA) prior to undertaking our test borings.

HDR's field representative will observe drilling of the borings, log the soil and rock encountered, and obtain soil samples for further visual classification and laboratory testing. The borings will be backfilled with cement grout upon completion, per County boring permit requirements. Soil cuttings generated from the test borings will spread near the boring locations.

Laboratory testing will be conducted on selected samples recovered from the test borings. These tests could include, as appropriate:

- Classification and Index Tests, such as fines content, gradation, and Atterberg limits.
- Moisture Content and Density Tests to aid in the qualitative evaluation of the soil types encountered.
- Strength tests, such as unconsolidated, undrained triaxial tests.

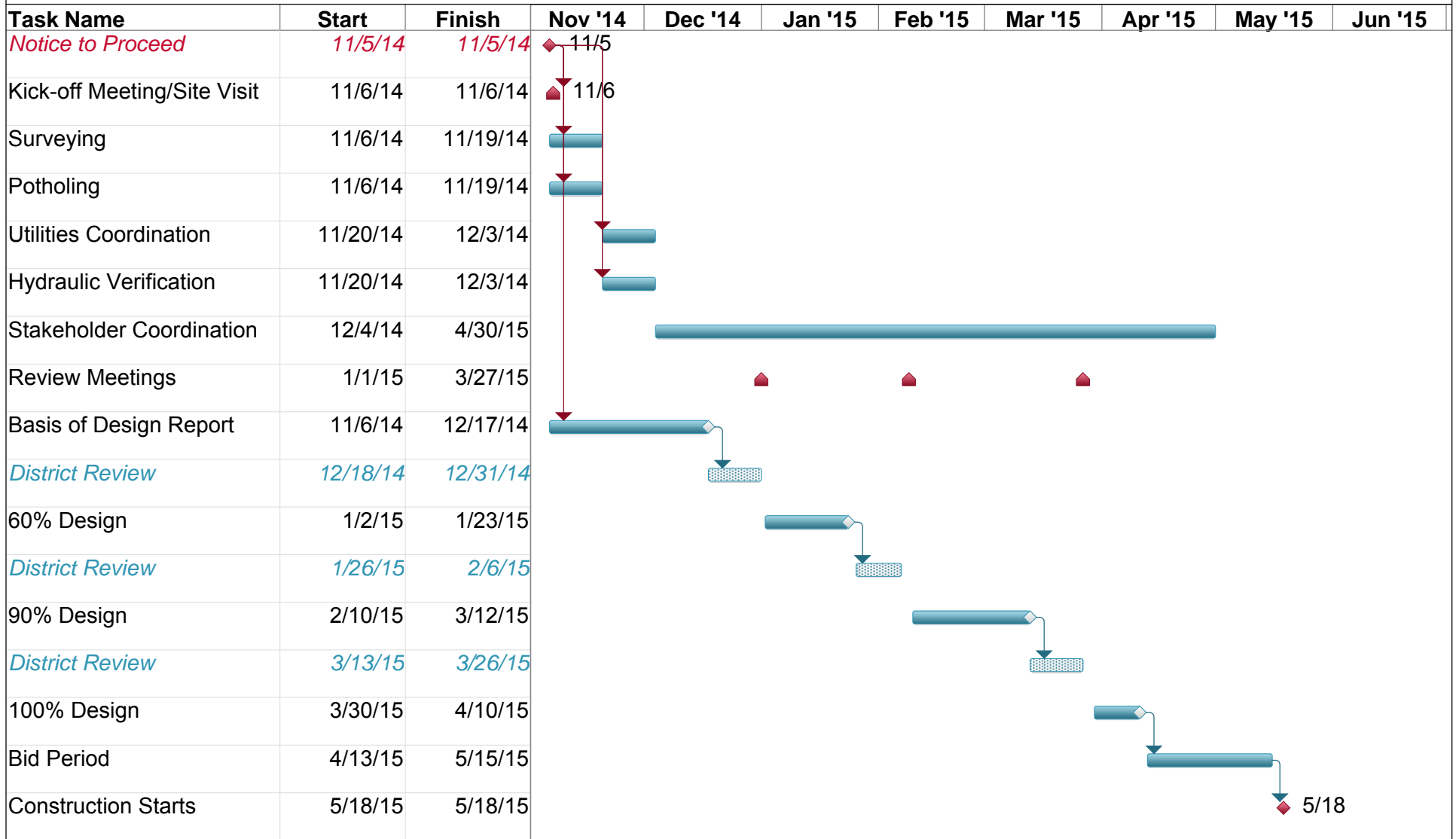
Subtask 5.2 - Geotechnical Data Report Preparation

HDR will prepare a geotechnical data report that will describe subsurface conditions encountered. The report will include, as appropriate, field and laboratory test data, logs of the test borings, and a site plan showing the location of each exploration.

HDR proposes to issue a draft geotechnical data report, in pdf format only, for review and comment by the District. Following receipt of review comments, HDR will issue a pdf of our geotechnical data report.

Deliverables: PDF copy of the draft and final geotechnical data reports.

Figure 1 - Project Schedule



Dublin San Ramon Services District
Recycled Water Expansion Phase 1 –
Distribution to West Dublin

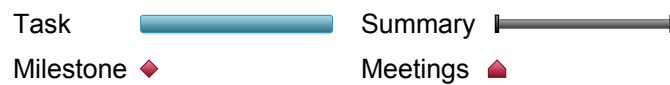


Table 1 - Estimated Work Effort and Cost

Dublin San Ramon Services District

Recycled Water Expansion Phase 1 - Distribution to West Dublin

Task No.	Task Description	Principal/ QA/QC	QA/QC (Traffic)	QA/QC (Geotech)	Project Manager	PM (Geotech)	Project Engineer	PE (Geotech)	Staff Engineer	Caltrans Coord	Traffic Control	CADD Tech	CADD (Traffic)	Admin/ Clerical	Total HDR Labor Hours	Total HDR Labor (\$)	Total HDR Expenses (\$)	Subs (\$)	Total Cost (\$)
Task 1 - Project Management, Quality Assurance/Quality Control (QA/QC), and Meetings																			
1.1	Project Management and Coordination				48		24							12	84	\$19,490	\$974		\$20,464
1.2	QA/QC Program	71			12									4	87	\$21,765	\$1,088		\$22,853
1.3.1	Kick-off Meeting/Site Visit				8		8							4	20	\$4,136	\$207		\$4,342
1.3.2	Basis of Design Report Review Meeting				4		4							4	12	\$2,283	\$114		\$2,397
1.3.3	Design Review Meetings (up to 2)				4		4							4	12	\$2,283	\$114		\$2,397
	Subtotal Task 1	71	0	0	76	0	40	0	0	0	0	0	0	28	215	\$49,957	\$2,498	\$0	\$52,455
Task 2 - Preliminary Design and Basis of Design Report																			
2.1	Alignment Confirmation				4		8		16						28	\$4,270	\$213		\$4,483
2.2	Utility Investigation				2		8		32			24		4	70	\$9,364	\$468	\$39,254	\$49,086
2.3	Surveying and Mapping				2				8			4			14	\$2,048	\$102	\$55,125	\$57,275
2.4	Basis of Design Report				12		20		32	4		32		8	108	\$16,903	\$845		\$17,748
	Subtotal Task 2	0	0	0	20	0	36	0	88	4	0	60	0	12	220	\$32,584	\$1,629	\$94,379	\$128,592
Task 3 - Permitting																			
3.1	Permitting				2		4		16	8				4	34	\$5,381	\$269		\$5,650
	Subtotal Task 3	0	0	0	2	0	4	0	16	8	0	0	0	4	34	\$5,381	\$269	\$0	\$5,650
Task 4 - Final Design																			
4.1	50% Design Submittal		12		44		64		118		60	173	40	28	539	\$85,375	\$4,269		\$89,643
4.2	90% Design Submittal		6		28		42		79		40	144	24	18	381	\$59,794	\$2,990		\$62,784
4.3	100% (Final) Design Submittal		2		14		18		42		20	62	16	10	184	\$28,621	\$1,431		\$30,052
	Subtotal Task 4	0	20		86		124		239	0	120	379	80	56	1,104	\$173,790	\$8,689	\$0	\$182,479
Task 5 - Geotechnical Engineering																			
5.1	Geotechnical Engineering			2	2	10		44				2		8	68	\$10,242	\$2,450	\$3,675	\$16,367
	Subtotal Task 5	0	0	2	2	10	0	44	0	0	0	2	0	8	68	\$10,242	\$2,450	\$3,675	\$16,367
COLUMN TOTALS		71	20	2	186	10	204	44	343	12	120	441	80	108	1,641	\$271,954	\$15,536	\$98,054	\$385,544

HDR ENGINEERING, INC. RATE SCHEDULE

Dublin San Ramon Services District *Recycled Water Expansion Phase 1 - Distribution to West Dublin*

HDR Engineering, Inc.'s (HDR) will invoice Dublin San Ramon Services District (District) by HDR employee hourly billing rate for services provided. Billing rates shall be comprised of employee's direct hourly rate multiplied by a 3.1 factor, which covers payroll costs, employee benefits, HDR overhead, and profit.

HDR employee hourly billing rates are provided in the hourly billing rate table by employee category with hourly billing rate ranges for HDR employees who are included on the organization chart and others who may work on the project to assist and support our lead team members. HDR's billing rates charged will consist of the actual employee's direct hourly rate multiplied by a 3.1 factor.

<u>GENERAL BILLING CATEGORIES</u>	<u>2014-2015 HOURLY BILLING RATE</u>
Administrative/Clerical	\$75 to 130
CAD Technician	\$85 to 145
Caltrans Coordinator	\$235 to \$265
Senior CAD Technician	\$145 to 175
Contract/Project Manager	\$285 to \$320
Funding Specialist	\$120 to \$150
Geotechnical Engineer	\$120 to \$195
Senior Geotechnical Engineer	\$195 to \$270
Principal-in-Charge	\$300 to \$350
Project Controller	\$115 to 155
Project Engineer	\$160 to 230
QA/QC Reviewer / Technical Specialist	\$205 to 300
Staff Engineer	\$105 to 170
Traffic Control Specialist	\$180 to \$230

In addition to hourly labor billing rates, the following HDR expenses will be billed by task on invoices.

2014 EXPENSES/OTHER DIRECT COSTS

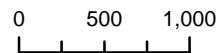
Technology Charge per Direct Labor Hour	\$3.70
Vehicle Mileage (per mile) for non-rental vehicles	Current Federal Travel Regulation (FTR)
Bridge Toll	at cost
Black/White Photocopies (per copy)	\$0.05 to \$0.09
Color Copy (per copy)	\$0.15 to \$0.30
Bond Plotting - Black & White (per square foot)	\$0.15
Bond Plotting - Color (per square foot)	\$0.90
Outside Reproduction and Other Cost	at cost

Please Note: Technology charges include computer, CADD, network, software, and other related technology services. Subconsultants are charged with a five percent markup.



FIGURE 2: CUSTOMER LOCATIONS SERVED BY THE PROPOSED ACTION

Western Dublin Recycled Water Distribution and Recycled Water Treatment Facilities Expansion Project



C:\Users\Manu\Documents\Fremont Environmental Consulting\Projects\VinneDge\DSRSD\MXD\DSRSD Figure 2.mxd