

OTAY WATER DISTRICT

BOARD OF DIRECTORS MEETING  
DISTRICT BOARDROOM

2554 SWEETWATER SPRINGS BOULEVARD  
SPRING VALLEY, CALIFORNIA

**WEDNESDAY**  
**June 3, 2015**  
**3:30 P.M.**

**AGENDA**

1. ROLL CALL
2. PLEDGE OF ALLEGIANCE
3. APPROVAL OF AGENDA
4. APPROVE THE MINUTES OF THE REGULAR BOARD MEETING OF APRIL 1, 2015
5. PUBLIC PARTICIPATION – OPPORTUNITY FOR MEMBERS OF THE PUBLIC TO SPEAK TO THE BOARD ON ANY SUBJECT MATTER WITHIN THE BOARD'S JURISDICTION BUT NOT AN ITEM ON TODAY'S AGENDA

**CONSENT CALENDAR**

6. ITEMS TO BE ACTED UPON WITHOUT DISCUSSION, UNLESS A REQUEST IS MADE BY A MEMBER OF THE BOARD OR THE PUBLIC TO DISCUSS A PARTICULAR ITEM:
  - a) APPROVE AN AGREEMENT WITH KIRK PAVING IN AN AMOUNT NOT-TO-EXCEED \$200,000 FOR AS-NEEDED ASPHALT PAVING SERVICES FROM JULY 1, 2015 THROUGH JUNE 30, 2016
  - b) AWARD A CONTRACT TO WATCHLIGHT CORPORATION FOR THE ENTERPRISE PHYSICAL SECURITY AND ACCESS CONTROL, EQUIPMENT MAINTENANCE, AND AS-NEEDED SERVICES IN AN AMOUNT NOT-TO-EXCEED \$500,000 FOR FISCAL YEARS 2016 AND 2017 (\$250,000 PER FISCAL YEAR) WITH A CONTRACTUAL END DATE OF JUNE 30, 2017

## ACTION ITEMS

### 7. FINANCE, ADMINISTRATION AND COMMUNICATIONS

- a) ADOPT RESOLUTION NO. 4290 TO APPROVE THE FISCAL YEAR 2015-2016 OPERATING AND CAPITAL BUDGET; APPROVE FUND TRANSFERS FOR POTABLE, RECYCLED, AND SEWER; APPROVE WATER AND SEWER RATE CHANGES ON ALL BILLINGS THAT BEGIN IN CALENDAR YEAR 2016 (THIS MAY INCLUDE SOME SERVICES PROVIDED IN DECEMBER 2015); ADOPT THE SALARY SCHEDULE; AND ADOPT ORDINANCE NO. 550 AMENDING THE CODE OF ORDINANCES SECTION 25, CONDITIONS FOR WATER SERVICE, SECTION 53, CONDITIONS FOR SEWER SERVICE, AND APPENDIX A WITH THE PROPOSED WATER AND SEWER RATE CHANGES; AND DIRECT STAFF TO SEND RATE INCREASE NOTICES
- b) ADOPT ORDINANCE NO. 551 WHICH DECLARES A STATE DROUGHT EMERGENCY AND CALLS FOR MANDATORY CONSERVATION MEASURES TO ACHIEVE MANDATED CONSERVATION TARGETS (CAREY)

### 8. BOARD

- a) DISCUSSION OF THE 2015 BOARD MEETING CALENDAR

## INFORMATIONAL ITEM

- 9. THE FOLLOWING ITEM IS PROVIDED TO THE BOARD FOR INFORMATIONAL PURPOSES ONLY. NO ACTION IS REQUIRED ON THE FOLLOWING AGENDA ITEM:
  - a) THIRD QUARTER OF FISCAL YEAR 2015 CAPITAL IMPROVEMENT PROGRAM REPORT (MARTIN)
  - b) REPORT ON THE IMPLEMENTATION OF VARIOUS CONSERVATION EFFORTS TO COMPLY WITH THE STATE WATER RESOURCES CONTROL BOARD'S EMERGENCY CONSERVATION REGULATIONS FOR POTABLE URBAN WATER USE (CAREY/BUELNA)

## REPORTS

### 10. GENERAL MANAGER'S REPORT

- a) SAN DIEGO COUNTY WATER AUTHORITY UPDATE

### 11. DIRECTORS' REPORTS/REQUESTS

### 12. PRESIDENT'S REPORT/REQUESTS

RECESS TO CLOSED SESSION

13. CLOSED SESSION

- a) CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION INITIATION OF LITIGATION PURSUANT TO PARAGRAPH (4) OF SUB-DIVISION (D) OF GOVERNMENT CODE §54956.9

ONE CASE

- b) CONFERENCE WITH REAL PROPERTY NEGOTIATORS [GOVERNMENT CODE §54956.8]

PROPERTY: SALT CREEK GOLF COURSE  
525 HUNTE PARKWAY  
CHULA VISTA, CA 91914

AGENCY NEGOTIATOR: MARK WATTON , GENERAL MANAGER

NEGOTIATING PARTIES: BILL McWETHY, PACIFIC HOSPITALITY GROUP

UNDER NEGOTIATIONS: LEASE AGREEMENT; PRICE AND TERMS OF PAYMENT

RETURN TO OPEN SESSION

- 14. REPORT ON ANY ACTIONS TAKEN IN CLOSED SESSION. THE BOARD MAY ALSO TAKE ACTION ON ANY ITEMS POSTED IN CLOSED SESSION
- 15. ADJOURNMENT



# AGENDA ITEM 4

## MINUTES OF THE BOARD OF DIRECTORS MEETING OF THE OTAY WATER DISTRICT April 1, 2015

1. The meeting was called to order by President Lopez at 3:35 p.m.

2. ROLL CALL

Directors Present: Croucher, Lopez, Robak, Smith and Thompson

Staff Present: General Manager Mark Watton, General Counsel Dan Shinoff, Asst. General Manager German Alvarez, Chief of Engineering Rod Posada, Chief Financial Officer Joe Beachem, Chief of Information Technology Geoff Stevens, Chief of Operations Pedro Porrás, Asst. Chief of Administration and Information Technology Adolfo Segura, Asst. Chief of Operations Jose Martinez, District Secretary Susan Cruz and others per attached list.

3. PLEDGE OF ALLEGIANCE

Director Robak introduced Boy Scouts Noah and his son Nathan, who are attending the District's board meeting to complete merit badges. He asked them to lead the District in the Pledge of Allegiance. Following the Pledge of Allegiance a moment of silence was observed to honor Mr. Paul Engstrand who passed away on March 20, 2015. Mr. Engstrand was instrumental in forming the Otay Water District and had also served as counsel to Otay WD, Helix WD, Sweetwater Authority and County Water Authority.

4. APPROVAL OF AGENDA

A motion was made by Director Croucher, and seconded by Director Robak and carried with the following vote:

Ayes: Directors Croucher, Lopez, Robak, Smith and Thompson  
Noes: None  
Abstain: None  
Absent: None

to approve the agenda.

5. APPROVE THE MINUTES OF THE SPECIAL BOARD MEETING OF JANUARY 27, 2015 AND REGULAR BOARD MEETING OF FEBRUARY 4, 2015

Director Thompson indicated on page seven (7) of the minutes of the February 4, 2015 board meeting it indicates that the Water Conservation Garden "has been a good partner and are requesting a five (5) year contract renewal at the same rate

of \$500,000 per year.” He indicated that he wished to correct the statement and that it should read “\$100,000 per year” for five (5) years. District Secretary Susan Cruz indicated that she would make note of that change.

A motion was made by Director Thompson, seconded by Director Croucher and carried with the following vote:

Ayes: Directors Croucher, Lopez, Robak, Smith and Thompson  
Noes: None  
Abstain: None  
Absent: None

to approve the minutes of the special board meeting of January 27, 2015 and regular board meeting of February 4, 2015.

6. PRESENTATION FROM THE CHALDEAN AMERICAN CHAMBER OF COMMERCE (BEN KALASHO, PRESIDENT)

Mr. Ben Kalasho, President of the Chaldean American Chamber of Commerce, indicated that he wished to present on the status of the Chamber and its growth since its inception fourteen months ago. He stated that the Chamber has grown to 400 members and that 60% of their members are not Chaldean. He stated that many join as a way to reach the Chaldean community members. Mr. Kalasho indicated that there is approximately 78,000 Chaldeans living in San Diego. He indicated that the Chaldean American Chamber of Commerce operates like all other chambers. They host monthly themed mixers, sponsor an annual beauty pageant and golf tournament, sponsor community rallies, promote businesses and charities (i.e., toy drives during the holidays). He stated that the Chaldean American Chamber is also available to serve as a resource to the Otay WD and if the District needs help in educating the community to please use them. They have a full board and staff and wish to work as a partner with the District. He thanked the District for their membership and for providing him time to speak at today’s board meeting. President Lopez thanked Mr. Kalasho for his presentation.

7. PUBLIC PARTICIPATION – OPPORTUNITY FOR MEMBERS OF THE PUBLIC TO SPEAK TO THE BOARD ON ANY SUBJECT MATTER WITHIN THE BOARD'S JURISDICTION BUT NOT AN ITEM ON TODAY'S AGENDA

No one wished to be heard.

CONSENT CALENDAR

8. ITEMS TO BE ACTED UPON WITHOUT DISCUSSION, UNLESS A REQUEST IS MADE BY A MEMBER OF THE BOARD OR THE PUBLIC TO DISCUSS A PARTICULAR ITEM:

A motion was made by Director Croucher, seconded by Director Thompson and carried with the following vote:

Ayes: Directors Croucher, Lopez, Robak, Smith and Thompson  
Noes: None  
Abstain: None  
Absent: None

to approve the following consent calendar item:

- b) AWARD A PROFESSIONAL AS-NEEDED GEOTECHNICAL SERVICES CONTRACT TO NINYO AND MOORE GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS (NINYO & MOORE) IN AN AMOUNT NOT-TO-EXCEED \$175,000 FOR A PERIOD OF FOUR (4) YEARS (FY 2015 THROUGH FY 2018, ENDING JUNE 30, 2018)

President Lopez presented item 7a for discussion:

- a) AWARD A CONSTRUCTION CONTRACT TO ABHE AND SVOBODA, INC. (A & S) FOR THE 850-3 RESERVOIR INTERIOR COATING PROJECT IN AN AMOUNT NOT-TO-EXCEED \$366,720

Director Thompson commented that the interior coating consultant and the coating inspector had provided faulty work and the company that had provided the inspection services is no longer in business. He inquired if there are ways the District can mitigate the risk from this happening again. He suggested that maybe staff can perform more due diligence, such as, legal searches for any lawsuits that the recommended contractor may be involved with, etc. He also suggested that maybe this issue should be referred back to committee. He indicated that he did wish to commend staff for the due diligence they had performed in the recommendation associated with this proposed contract with A & S, Inc.

General Manager Watton indicated that the District does perform background and reference checks. Staff also performs searches on the internet to see if there is any additional information that can be found on the contractor.

Assistant General Counsel Richard Romero added that the contractors also must complete a questionnaire which requires them to disclose lawsuits over a certain number of years, OSHA violations, change in ownership, etc.

Director Smith indicated that the coating contractor is still in business and the Engineering, Operations and Water Resources Committee had discussions with legal counsel possible options regarding the coating defect.

Director Croucher indicated, for clarification, that there are two (2) separate issues; 1) performance of the previous contractor, and 2) the presented contract for new coating contractor. The first issue will be a matter for closed session

discussions and it is proposed that the presented contract be approved to move forward with the new coating. General Manager indicated that that was correct.

A motion was made by Director Thompson, seconded by Director Smith and carried with the following vote:

Ayes: Directors Croucher, Lopez, Robak, Smith and Thompson  
Noes: None  
Abstain: None  
Absent: None

to approve staffs' recommendation.

## ACTION ITEMS

### 9. ENGINEERING AND WATER OPERATIONS

- a) APPROVE THE UPDATED WATER SUPPLY ASSESSMENT AND VERIFICATION REPORT DATED FEBRUARY 2015 FOR THE OTAY RANCH PLANNING AREA 12 FREEWAY COMMERCIAL PROJECT AS REQUIRED BY SENATE BILLS 610 AND 221 (COBURN-BOYD)

Environmental Compliance Specialist Lisa Coburn-Boyd indicated that the City of Chula Vista submitted a request to the District for an updated Water Supply Assessment and Verification Report (WSA&V Report) because of changes in the land use for this project. She indicated that WSA&V Reports are required under SB 610 and 221. The primary intent is to improve the link between water supply availability and land use decisions. She stated that these bills require that the water purveyor, Otay WD, prepare the WSA&V Report to be included in the project California Environmental Quality Act (CEQA) documentation. The Board's ratification of the WSA&V Report is required for submittal of the report to the City of Chula Vista. Please reference the Committee Action notes attached to staff's report (Attachment A) for the details of Ms. Coburn-Boyd's report.

Director Robak indicated that today the Governor of the State of California has implemented a 25% mandatory water use reduction. He inquired if the mandatory water use reduction will impact the WSA&V Report and staff's recommendation. Ms. Coburn-Boyd indicated that it does not as the project's water use demands were already included in the 2010 Urban Water Management Plan and has been included in the District's Water Resources Management Plan. She stated that the increase in use has also been accounted for in CWA's Accelerated Forecasted Growth.

It was discussed that the Governor's action is a short term, year-by-year, response to drought. If the drought continues for another two or three years, then it may have impact, but at this point the District is fine with the current water availability as per the WSA&V Report.

Director Thompson observed that the District's demand is 45,000 AF for 2015, but the District has only used approximately 38,000 AF in 2014. He inquired why there is a difference. General Manager Watton indicated that the 2010 Urban Water Management Plan (UWMP) was overstated by quite a bit, however, the Water Facilities Master Plan shows a reduced demand which will be reflected in the new updated UWMP.

Director Smith indicated that the District's Engineering, Water Resources and Communications Committee reviewed this item in detail and it was discussed that the 2010 UWMP demand is projected with no economic downturn. He indicated that staff has been working on a water plan update, which is different than the 2015 UWMP which has not yet been set. He explained that there will be a balance between the current projections, which will occur when staff coordinates projections with CWA and other agencies, that will then be reflected in the 2015 UWMP.

In response to an inquiry from Director Smith, staff indicated that the Governor does not issue the water supply Level 1, 2, 3, etc., alerts. Those alerts are issued at a regional level (MWD, CWA and Otay WD). He indicated that what needs to be analyzed at this time is what impact the 25% water use cutback has on the MWD and what MWD will do with allocations. CWA is suggesting that MWD implement 20% allocations to preserve their (MWD's) water storage. A 20% allocation to CWA from MWD would translate to approximately a 10% allocation to Otay WD from CWA. A 10% allocation will keep the District at a Level 2 supply alert.

A motion was made by Director Thompson, seconded by Director Robak and carried with the following vote:

Ayes: Directors Croucher, Lopez, Robak, Smith and Thompson  
Noes: None  
Abstain: None  
Absent: None

to approve staffs' recommendation.

10. BOARD

a) DISCUSSION OF THE 2015 BOARD MEETING CALENDAR

Director Croucher indicated that he will be in Sacramento on May 4 and 5, 2015 attending CWA's Legislative Trip. The ACWA Conference will begin on May 6, the day of the District's board meeting, and he may stay in Sacramento to attend the conference since he will already be in Sacramento. He will advise if he plans on attending the ACWA Conference.

There were no changes to the board meeting calendar.

## REPORTS

### 11. GENERAL MANAGER'S REPORT

General Manager Watton presented information from his report that included an update on the technology security audit, customer mobile application, liability insurance market review, ID consolidation, and potable water purchases. He reviewed handouts provided on the dias for each Director which included powerpoint presentations from CWA regarding an update on their outreach related to the drought and drought conditions and the State Water Resources Control Board's proposed additional emergency regulations, a handout for the community that provides information on how to create a budget for landscape retrofits, and the California Governor's Executive Order B-29-15 mandating 25% potable water conservation.

### SAN DIEGO COUNTY WATER AUTHORITY UPDATE

General Manager Watton indicated that labor negotiations is underway at CWA. He stated with regard to CWA's lawsuit with MWD, that it is currently in the *Damage* phase of the trial. The trial is expected to end in approximately 10 days and CWA should have the judge's decision in May. He stated that the lawsuit will likely then go into the appeals phase. He indicated that the judge had ruled last year that MWD is illegally charging CWA and it is anticipated that the calculation under Preferential Rights will provide San Diego an additional 80,000 AF of water supply from MWD.

Director Croucher added that the Carlsbad Desalination Plant is ahead of schedule and under budget. It is estimated that the plant will go into service in January 2016. He also stated that he attended, along with CWA's General Manager, Asst. General Manager and Board Chairman, the CSDA's Legislative Days on March 15 and 16 in Sacramento.

### 12. DIRECTORS' REPORTS/REQUESTS

Director Robak reported that he attended a water conservation forum with General Manager Watton several weeks ago at SDG&E's Energy Innovation Center. He indicated that their building has been *Double-Platinum* certified. It is very energy efficient and its efficiency level is quite remarkable. He also indicated that the State of California is in the middle of an incredibly bad drought and the Governor's action today is maybe what was needed to get people motivated to conserve. He stated that the drought puts more importance in the Water Conservation Garden. He stated that they have made great strides and, though he is a non-voting member, he has been attending their board meetings.

Director Croucher indicated that they are looking to work closely with the San Diego County Chamber of Commerce to assure that we are addressing water issues with the community and businesses.

Director Thompson reported that he attended the WaterReuse Conference from March 15 to 18. He stated that much of the discussions was very technical and difficult to understand concerning regulations for water reuse. He stated that he did get a lot out of the conference in terms of understanding each of the cities' water situation.

Director Smith indicated that he attended the District's Engineering, Operations and Water Resources Committee on March 12 and CSDA Governance Foundation Training on March 24. He stated that it was good to see elected officials getting trained. He observed that we generally have seasoned politicians that don't have any training at all. He indicated that it is nice to see that Otay WD has their board members attend training. He also shared that he read the *blogger* interview of General Manager Watton and he felt one of the key points mentioned in the interview is conservation. He stated that the point General Manager Watton made regarding conservation, that it is the right thing to do, is very important. He indicated that it is the same principle as recycling aluminum cans. You do it because it is the right thing to do. He stated that preserving our resources for future generations is an important message to our young population.

13. PRESIDENT'S REPORT

President Lopez reported on meetings he attended during the month of March 2015 (a list of meetings he attended is attached).

14. CLOSED SESSION

The board recessed to closed session at 4:58 p.m. to discuss the following matter:

- a) CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION  
[GOVERNMENT CODE §54956.9]

PATRICIA MOSS v. OTAY WATER DISTRICT, et. al.; CASE NO. 37-2014-00005818-CU-OE-CTL

- b) CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION  
[GOVERNMENT CODE §54956.9]

RAND ENGINEERING INCORPORATED v. AMERICAN PRIDE GENERAL ENGINEERING, INC. et al.; CASE NO. 37-2014-00039316-CU-OR-CTL

The board reconvened at 5:35 p.m. and General Counsel, Mr. Dan Shinoff, reported that the board met in closed session and has authorized the execution of a settlement agreement in the Rand Engineering Inc. versus American Pride General Engineering, Inc. matter with no payment provided by the District. He stated that the board took no other reportable actions in closed session.

15. ADJOURNMENT

With no further business to come before the Board, President Lopez adjourned the meeting at 5:36 p.m.

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President

ATTEST:

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District Secretary

**President's Report**  
**April 1, 2015 Board Meeting**

**A) Meetings attended during the Month of March 2015:**

- 1) **March 4: Attended the District's Regular Board Meeting.**
- 2) **March 5: Attended a meeting of the Metro Commission** (see attached minutes)
- 3) **March 12:**
  - a. **Committee Agenda Briefing.** Met with General Manager Watton to review items that will be presented at the March committee meetings.
  - b. **Attended the District's Engineering, Operations and Water Resources Committee on behalf of Director Croucher.** Reviewed, discussed, and made recommendation on items that will be presented at the April board meeting.
- 4) **March 15-17: Attended the WateReuse Annual Conference.** Also attended by Director Thompson.

# AGENDA ITEM 6a



## STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	June 3, 2015
SUBMITTED BY:	Jose Martinez, Assistant Chief of Water Operations	PROJECT:	DIV. NO. All
APPROVED BY:	<input checked="" type="checkbox"/> Pedro Porras, Chief of Water Operations <input checked="" type="checkbox"/> German Alvarez, Assistant General Manager <input checked="" type="checkbox"/> Mark Watton, General Manager		
SUBJECT:	AUTHORIZE AGREEMENT WITH KIRK PAVING FOR ANNUAL AS-NEEDED PAVING SERVICES		

### **GENERAL MANAGER'S RECOMMENDATION:**

That the Board authorize entering into an agreement with Kirk Paving in an amount not to exceed \$200,000 for as-needed asphalt paving services from July 1, 2015 through June 30, 2016.

### **COMMITTEE ACTION:**

Please see attachment A.

### **PURPOSE:**

To present bid results and request that the Board authorize entering into an agreement with Kirk Paving, Lakeside, CA for as-needed asphalt paving services from July 1, 2015 through June 30, 2016 in an amount not to exceed \$200,000.

### **ANALYSIS:**

As a regular course of business, the District is required to maintain and repair its water delivery infrastructure. Routinely this work requires the removal and re-installation of asphalt paving in public roadways. It has been shown more effective and efficient for the District to use outside contractors for its

asphalt paving work. Therefore, the District has used outside asphalt paving contract services for more than ten (10) years.

As-needed paving services have been included in the FY 2016 Operating Budget under Contracted Services. The FY 2016 budget for annual as-needed paving under Contracted Services is \$200,000.

In accordance with the District's purchasing requirements, a notice was published and bids were solicited for this work on a "unit price" basis. On April 22, 2015 nine (9) contractors attended a mandatory pre-bid meeting and on April 29, 2015 bids were received and publicly opened with the following results from five (5) bidders:

<b><i>Bidder</i></b>	<b><i>Weighted Score</i></b>
<b>Kirk Paving, Lakeside</b>	<b>501.86</b>
Frank & Son Paving, Bonita	527.34
ABC Construction, San Diego	531.78
Carolino And Son Engineering, National City	541.96
Miller Paving, Spring Valley	Non-Responsive

The responsive bidder with the lowest weighted score is determined to be the lowest responsible bidder, in this case it is Kirk Paving, of Lakeside, CA. Attachment B was produced by the purchasing manager and is attached. Miller Paving was determined to be non-responsive as a result of failing to provide four (4) of the documents required as part of the bid. It should be noted all of the other bidders included the required documents as part of their bid package.

Kirk Paving served as the FY 2015 as-needed paving service contractor for the District and has performed all required work with no issues noted. Staff is confident that they will be able to perform the required work.

Bids have been submitted on a unit-cost basis for the different types of work typically required during paving. The types of work are assigned a weight factor based on the District's experience of the frequency they will be employed during the term of the agreement and these weights are multiplied by the unit cost to determine a unit score. Unit scores are totaled to provide the overall score of the bid and the contractor with the lowest overall score is the low bidder. Please refer to Attachment B.

**FISCAL IMPACT:**         Joe Beachem, Chief Financial Officer

The FY 2016 budget request includes \$200,000 for as-needed paving services. The project manager has projected that this requested amount is sufficient to cover the anticipated expenses for the paving needs in the 2016 fiscal year.

**STRATEGIC GOAL:**

Strategy: Stewards of Public Infrastructure.  
Goal: Conduct the best practice preventative maintenance activities.

**LEGAL IMPACT:**

None.

Attachment A: Committee Action Form  
Attachment B: FY 2016 As-Needed Paving Services Score Sheet



## ATTACHMENT A

<b>SUBJECT/PROJECT:</b>	AUTHORIZE AGREEMENT WITH KIRK PAVING FOR ANNUAL AS-NEEDED PAVING SERVICES
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### COMMITTEE ACTION:

The Engineering, Operations, and Water Resources Committee reviewed this item at a meeting held on May 21, 2015 and the following comments were made:

- Staff requested that the Board authorize entering into an agreement with Kirk Paving in an amount not to exceed \$200,000 for as-needed asphalt paving services from July 1, 2015 through June 30, 2016.
- It was noted that the District is required to maintain and repair its water delivery infrastructure, which in many cases involves removal and re-installation of asphalt paving. The District determined that it is more efficient to contract out asphalt paving and has contracted this type of service for over ten years.
- Staff indicated that information of the bidding process is provided on the second page of the staff report and details of the bidding results are provided in Attachment B. It was noted that bids were submitted on a unit cost basis for the typical work required for paving. Staff determined that Kirk Paving had the lowest responsible bid cost.
- In response to a question by the Committee, staff indicated that the changes to the Bid Score Sheet include: an increase in weighting for Items 6 (Grinding) and Item (Sand/Seal) from a "1" to a "3" and the addition of Items 13 (Chip Seal) and 14 (1.5" Grind & Pav) as a result of requirements from the city of Chula Vista and the County of San Diego.
- The Committee inquired about staff's determination of Miller Paving to be non-responsive as a result of failing to provide documents required as part of the bid. Staff indicated that Miller did not submit four (4) of the required documents, that were significantly important to submit as part of the bid packet. Staff also noted that in the previous year, Miller had included all the required paperwork.

- The Committee inquired about the District's inspection process. It was indicated that District staff performs the inspection for paving to ensure that it is completed as expected. Additionally, the agency (e.g. city of Chula Vista, County of San Diego, etc.) that owns the affected roads also performs an inspection to ensure the work was completed to the required standards. Staff also indicated that the District has had no issues with Kirk Paving's services.
- In response to a question by the Committee, the as Needed paving contractor is the responsible party for the cost of traffic control services and should include those costs into the unit bid prices.

Following the discussion, the Committee supported staffs' recommendation and presentation to the full board as a consent item.

# ATTACHMENT B

## FY 2016 As-Needed Paving Services Bid Score Sheet

### Months 1-6

Item	Wght	Type of Service	Kirk Paving		ABC Construction		Miller Paving		Carolino And Son Engineering		Frank & Son Paving	
			Unit Bid	Total	Unit Bid	Total	Unit Bid	Total	Unit Bid	Total	Unit Bid	Total
			Price	Score	Price	Score	Price	Score	Price	Score	Price	Score
1	10	Asphalt 0"-6"	\$ 12.00	120	\$ 15.70	157.00			17.03	170.30	\$ 16.00	160.00
2	5	Asphalt 7"-12"	\$ 12.25	61.25	\$ 15.90	79.50			14.07	70.35	\$ 14.00	70.00
3	5	Cap/Sheet 0"-1"	\$ 0.20	1	\$ 0.21	1.05			0.5	2.50	\$ 0.50	2.50
4	1	Satin Seal	\$ 0.02	0.02	\$ 0.18	0.18			0.05	0.05	\$ 0.04	0.04
5	1	Traffic Stripping	\$ 0.25	0.25	\$ 0.26	0.26			0.6	0.60	\$ 0.90	0.90
6	3	Grinding	\$ 0.75	2.25	\$ 0.50	1.50			1	3.00	\$ 0.50	1.50
7	1	Traffic Loops	\$ 1.00	1	\$ 1.00	1.00			1	1.00	\$ 10.00	10.00
8	3	Sand/Seal	\$ 6.50	19.5	\$ 3.00	9.00			0.2	0.60	\$ 0.40	1.20
9	1	Base Rem/Rep	\$ 0.75	0.75	\$ 2.00	2.00			7	7.00	\$ 1.90	1.90
10	10	Saw Cut 0"-6"	\$ 0.75	7.5	\$ 0.35	3.50			0.7	7.00	\$ 0.40	4.00
11	5	Saw Cut 6"-12"	\$ 0.15	0.75	\$ 0.35	1.75			0.75	3.75	\$ 0.25	1.25
12	1	Saw Cut 12"+	\$ 0.15	0.15	\$ 0.35	0.35			0.75	0.75	\$ 0.50	0.50
13	1	Chip Seal*	\$ 1.50	1.5	\$ 1.00	1.00			0.75	0.75	\$ 1.50	1.50
14	3	1.5" Grind & Pav	\$ 11.67	35.01	\$ 2.60	7.80			1.11	3.33	\$ 2.45	7.35
<b>Score Month 1-6</b>			<b>250.93</b>		<b>265.89</b>				<b>270.98</b>		<b>262.64</b>	

### Months 7-12

Item	Score	Type of Service	Kirk Paving		ABC Construction		Miller Paving		Carolino And Son Engineering		Frank & Son Paving	
			Unit Bid	Total	Unit Bid	Total	Unit Bid	Total	Unit Bid	Total	Unit Bid	Total
			Price	Score	Price	Score	Price	Score	Price	Score	Price	Score
1	10	Asphalt 0"-6"	\$ 12.00	120	\$ 15.70	157.00			17.03	170.30	\$ 15.00	150.00
2	5	Asphalt 7"-12"	\$ 12.25	61.25	\$ 15.90	79.50			14.07	70.35	\$ 16.00	80.00
3	5	Cap/Sheet 0"-1"	\$ 0.20	1	\$ 0.21	1.05			0.5	2.50	\$ 0.45	2.25
4	1	Satin Seal	\$ 0.02	0.02	\$ 0.18	0.18			0.05	0.05	\$ 0.05	0.05
5	1	Traffic Stripping	\$ 0.25	0.25	\$ 0.26	0.26			0.6	0.60	\$ 0.95	0.95
6	3	Grinding	\$ 0.75	2.25	\$ 0.50	1.50			1	3.00	\$ 0.50	1.50
7	1	Traffic Loops	\$ 1.00	1	\$ 1.00	1.00			1	1.00	\$ 10.00	10.00
8	3	Sand/Seal	\$ 6.50	19.5	\$ 3.00	9.00			0.2	0.60	\$ 0.40	1.20
9	1	Base Rem/Rep	\$ 0.75	0.75	\$ 2.00	2.00			7	7.00	\$ 1.90	1.90
10	10	Saw Cut 0"-6"	\$ 0.75	7.5	\$ 0.35	3.50			0.7	7.00	\$ 0.50	5.00
11	5	Saw Cut 6"-12"	\$ 0.15	0.75	\$ 0.35	1.75			0.75	3.75	\$ 0.50	2.50
12	1	Saw Cut 12"+	\$ 0.15	0.15	\$ 0.35	0.35			0.75	0.75	\$ 0.50	0.50
13	1	Chip Seal*	\$ 1.50	1.5	\$ 1.00	1.00			0.75	0.75	\$ 1.50	1.50
14	3	1.5" Grind & Pav	\$ 11.67	35.01	\$ 2.60	7.80			1.11	3.33	\$ 2.45	7.35
<b>Score Month 7-12</b>			<b>250.93</b>		<b>265.89</b>				<b>270.98</b>		<b>264.7</b>	
<b>Total Score</b>			<b>501.86</b>		<b>531.78</b>		<b>0</b>		<b>541.96</b>		<b>527.34</b>	

# AGENDA ITEM 6b



## STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	June 3, 2015
		PROJECT:	Various DIV. NO. ALL
SUBMITTED BY:	Kent Payne Purchasing and Facilities Manager		
APPROVED BY:	<input checked="" type="checkbox"/> Adolfo Segura, Assistant Chief, Admin & IT Services <input checked="" type="checkbox"/> German Alvarez, Assistant General Manager <input checked="" type="checkbox"/> Mark Watton, General Manager		
SUBJECT:	AUTHORIZE AGREEMENT WITH THE WATCHLIGHT CORPORATION FOR ENTERPRISE PHYSICAL SECURITY AND ACCESS CONTROL, EQUIPMENT MAINTENANCE, AND AS-NEEDED SERVICES		

### **GENERAL MANAGER'S RECOMMENDATION:**

That the Board authorize entering into an agreement with The Watchlight Corporation (Watchlight) in an amount not-to-exceed \$250,000 for enterprise physical security and access control, equipment maintenance, and as-needed services from July 1, 2015 to June 30, 2016, with an optional one (1) year extension of \$250,000.

### **COMMITTEE ACTION:**

See "Attachment A".

### **PURPOSE:**

The purpose of this staff report is to present solicitation results and request that the Board authorize entering into an agreement with The Watchlight Corporation for enterprise physical security and access control, equipment maintenance, and as-needed services from July 1, 2015 through June 30, 2016, in an amount not-to-exceed \$250,000, with an optional one (1) year extension of \$250,000.

**ANALYSIS:**

Current Facility Conditions:

Intrusion Alarm Systems: The District operates a main campus of 3 buildings and over 40 remote facilities throughout the District. The majority of these sites are monitored for intrusion through Digital Monitoring Products (DMP) alarm security systems. Each system has its own permissions database that requires the District's security services provider to maintain and update. Many remote sites employ numeric keypads posing a security risk when codes are not routinely updated and most of these systems have reached the end of their useful life. Over many years, the District has employed a number of security contractors each with their own approach and standard of work. As a result, a mix of security systems, components and wireless devices have been deployed in places where hardwired and standardization is desired. Many of the systems are no longer Underwriters Laboratories (UL) compliant.

Physical Access Control: Lenel Software (Lenel), as a standalone program, provides gate and building access control at fewer than half of the District's facilities. IT staff is required to maintain and manage permission databases at each of these sites in addition to coordinating with the security services provider to update intrusion alarm systems. Denial of access and false alarms are not uncommon due to changing employee permissions and the delays in synchronizing multiple databases. The sites without access control utilize chain and combination locks to secure the grounds, and where buildings exist, master keys are issued to staff. Each pose security risks through lost keys, the need for lock code rotation, and chains being cut.

Facility Video Surveillance: Where it exists, video surveillance is provided by Milestone video management system (Milestone) and is utilized mainly for forensic purposes. Real-time intrusion alarm video verification is not available under the currently supported security management tools.

Standardization and Modernization Program (Program):

The purpose of the Program is to standardize and modernize the District's physical security alarm, access control, and video verification systems and to consolidate administrative functions under DMP's Entré Access & Security Management System Software (Entré). Each facility's final design can be imported as a security layer within the District's geographic information system (GIS). In addition, the District can expect a minimum 20-year infrastructure life span under the Program's UL requirements. Those facilities currently secured with mechanical chain and combination lock will be converted to DMP access and all keypad security panels will be upgraded to eliminate the need

for codes. Staff access and security authentication will be delivered through assigned credentials (i.e., FOB, RFID, and digital clicker), which can be tracked and verified in real-time.

With a standardized system, Lenel functions will be rolled into DMP allowing for one centrally managed and maintained permissions database, saving significant management hours along with the yearly support and license fees. It also eliminates the dispatch of security or District personnel for false alarms, prevents unintentional access denials, provides management tools to remotely assist staff and/or vendors with access and/or to arm/disarm zones, and, provides a path for intrusion alarm video verification through Milestone.

**Solicitation and Methodology:**

Staff issued RFQ-FY16-01 seeking DMP certified respondents with the goal to identify the most responsible contractor. As it's not feasible nor desirable to conduct a District-wide site walk, staff compiled a list of components, materials and labor categories, which are expected to be utilized in the Program and assigned each a weight reflecting possible quantities. Respondents were instructed that, after a contract is awarded, staff will prioritize, direct and consult with the awarded contractor on system design and functionality per location utilizing design-build and value engineering techniques. Final designs and costs will be approved by staff.

**Solicitation Results:**

District received four responsive proposals. Respondents were given a score based on the sum of quoted unit prices multiplied by the assigned weight. Watchlight received the lowest overall score (Attachment B). Watchlight is a local family-owned corporation, established in 1972, with 68 employees. They are the District's current intrusion alarm monitoring company and have successfully completed similar projects at EagleBurgmann Industries, Helix Water District, and at the District itself including an Entré proof-of-concept project at the District's 657-1&2 Reservoir facility.

**FISCAL IMPACT:**             Joe Beachem, Chief Financial Officer

Safety and Security Improvements CIP P2382 designates \$250,000 for each of the fiscal years 2016 and 2017. The District's Purchasing & Facilities Manager and Safety & Security Specialist have projected that this amount is sufficient to meet the District's needs of enterprise physical security and access control, equipment maintenance, and as-needed services for both fiscal years.

**STRATEGIC GOAL:**

The implementation of enterprise physical security and access control, equipment maintenance, and as-needed services is in line with and supports the District's goals and objectives to evaluate and enhance the District's physical security infrastructure, processes and planning in order to maintain a safe, secure, and efficient workplace.

**LEGAL IMPACT:**

None.

Attachments:

Attachment A - Committee Action Report

Attachment B - Score Sheet - Enterprise Physical Security and Access Control, Equipment Maintenance, and As-Needed Services



## ATTACHMENT A

<b>SUBJECT/PROJECT:</b>	AUTHORIZE AGREEMENT WITH THE WATCHLIGHT CORPORATION FOR ENTERPRISE PHYSICAL SECURITY AND ACCESS CONTROL, EQUIPMENT MAINTENANCE, AND AS-NEEDED SERVICES
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### COMMITTEE ACTION:

The Finance, Administration and Communications Committee reviewed this item at a meeting held on May 20, 2015 and the following comments were made:

- Staff indicated that the District operates over 40 facilities across the District's service area. Each has its own security and access control requirements that can range from a single tank with ladder and hatch alarm configuration, and a chain and combination locked gate; to a high security compound, such as, the Chapman Treatment facility with its multiple cameras, intrusion beams, gate access protocols, alarmed doors with sensors and contacts of varying types. While the majority of the District's facilities fall somewhere in between.
- Since the late 1990's, the District has employed a number of intrusion and access control contractors each with their own standard of work and approach. Much of that work has fallen out of UL compliance due to age and much of the equipment is reaching its end of life and does not contain the latest security features nor support the current range of management and enterprise software tools.
- Staff indicated that the District employs 3 different technologies: 1) intrusion alarm; 2) access control; and 3) video surveillance. Digital Monitoring Products or DMP is the district's standard for security and intrusion. Lenel Systems manages access control and Milestone manages and stores video feeds for forensic purposes only. Video verification on alarm notification or denial of access is not supported with the District's current systems. Each system and each site operates independently and requires regular database management and updates which results in discrepancies among systems and an inefficient use of staff time.

- Staff indicated that the District desires to harden its security and access control systems at each of the 40 plus facilities by implementing a UL compliant upgrade program, which includes eliminating the need for combination locks and numeric keypads while standardizing intrusion, access controls and video verification on DMP's latest equipment and technology. Safety, security and financial benefits extend to logging all activity at all the District's sites; a significant reductions in staff management time; reducing and eliminating false alarms and the need to dispatch security personnel; and the elimination of duplicate licensing and support fees. DMP is a world leader in enterprise systems and has been the District's standard for security and intrusion alarm monitoring for more than two decades. By going to a DMP enterprise architecture, the District can leverage much of the security and access infrastructure already in place; making for an economical and efficient standardization and upgrade process.
- Staff issued a Request for Quotes (RFQ) seeking component and labor rates from DMP certified Contractors. Four responsive quotes were received. Each was given a weighted score based on the list of quoted items. The District has previous experience with three of the respondents, of which, Watchlight is the District's current intrusion alarm monitoring provider. Watchlight also has the overall lowest score and is rated highly on its performance by District staff. Additionally, Watchlight is rated "Excellent" by all listed references.
- Staff is recommending that the Board authorize an as needed service agreement with The Watchlight Corporation for enterprise physical security and access control services, and equipment maintenance in an amount not-to-exceed \$250,000 for fiscal year 2016 with an optional 1-year extension of \$250,000 for fiscal year 2017.
- The committee requested that staff explain the scoring system that was utilized. Staff indicated that this was not a typical RFP process as the District did not ask for proposals for a security system and how to implement the system, the District already knew the direction it wished to go. The District solicited cost information for a typical security and intrusion alarm system. The firms were asked to provide the District quotes on a list of various components, material

and labor categories that would be included in the project. Each item on the list was assigned a weight based on possible quantities. The firm with the lowest overall score was determined the most responsive contractor.

- The committee inquired, if Standard Electronic had the lowest score, but had poor references, would the District still have selected The Watchlight Corporation. Staff indicated that it depends on how the other vendors scored and if they have the required specific experience and certification. The goal also is to be sure that each one of the sites is designed for the District's needs and that we are the most efficient at each site. Thus, working with a company that has a good relationship with the District and is responsive are also factored into the decision. The intention is to select a company that is the most responsive, provides a reasonable price, and has the experience and certification (i.e., certified in DMP technology) that is requested in the RFQ. It was noted that this is not a low bid contract and scoring is just one component of the evaluation.
- The committee inquired how staff scored the certification requirement. Staff indicated that the column with the heading, "Entré Experience," is where the certification is scored. If the contractor does not have the certification or experience, then they are scored lowered. This would weigh against them when the final decision is made.
- Staff stated that if all the contractors who submitted a proposal did not have the required experience and certification, the District could decide to reject the quotes send out another RFQ.

Following the discussion, the committee supported staffs' recommendation and presentation of the item to the full board as on the consent calendar.

**SCORE SHEET**

Rank	Score	HQ	Entity Established	Employees	SB 854 Registered Contractor	Sub-Contractor	Entré Experience	District Experience		References
								Poor/Good/Excellent		
1	Watchlight Corporation	32,235	El Cajon, CA	Corporation 1972	68	Yes	No	Yes	Excellent	Excellent
2	Standard Electronics	33,883	Santee, CA	Corporation 1955	33	Yes	None Listed	Certificate None Listed	Poor	
3	American Security Group	36,390	Vista, CA	Corporation 1991	25	Yes	No	Certificate None Listed	None	
4	Time and Alarm	38,129	Mira Loma, CA	Corporation 1978	65	Yes	K.A. Electric	Yes	Good	

Item #	Description	Weight	Score	Score	Score	Score
	QUOTATION FORM		WATCHLIGHT	STANDARD ELECTRONICS	TIME AND ALARM	AMERICAN SECURITY GROUP
1	1/2" Cord strain relief connector	13	59	30	146	31
2	1/2" Coupling Rain Tight Connector	16	20	12	11	68
3	1/2" EMT Conduit Pipe 10 ft	26	100	26	103	57
4	1/2" TA Rain Tight Connector	27	41	81	20	29
5	1/2" Tee EMT with Pull Cover	3	19	20	34	27
6	12V DC 7Ah Backup Battery	8	400	108	141	115
7	16ch 12v DC 5Amp power supply	2	278	454	363	314
8	18/4 Wire 1000 ft Pull Box	6	1,632	1,416	1,440	1,273
9	22/4 Wire 1000 ft Pull Box	4	388	316	708	320
10	3/4" EMT Conduit Pipe 10 ft	25	153	1,425	148	102
11	3/4" PVC Conduit Pipe 10 ft	50	171	1,500	230	123
12	3/4" LB back pull cover	5	44	25	66	19
13	3/4" Rain Tight Coupling Connector	38	95	48	55	242
14	3/4" Superstrut strap	25	63	21	50	45
15	3/4" TA Rain tight Terminal adapter	100	206	105	144	29
16	3/4" Tee with pull door	9	79	63	161	34
17	AC Transformer 16.5VAC 50mA	9	135	99	152	130
18	DMP 1100XW Wireless Receiver High Power	1	132	97	89	90
19	DMP 263C Cell Station	2	430	422	389	392
20	DMP 307 Enclosure Tamper Switch	15	185	180	167	167
21	DMP 330 Dual End 4-Wire Harness	17	102	100	112	94
22	DMP 387-1 EXT Antenna 90db	2	476	466	429	432
23	DMP 387-4 Ext Antenna Cable 4ft	2	72	70	65	65
24	DMP 710 Bus Splitter/Repeater	2	94	92	88	85
25	DMP 714-16 Zone Expander Module	4	920	768	707	713
26	DMP 714-8 Zone Expander Panel	4	468	452	185	420
27	DMP 716 Output Relay Module	3	420	261	240	242
28	DMP 734 Access Door Control Module	22	2,860	2,772	2,640	2,577
29	DMP XR Series Enclosure	11	776	759	698	702
30	DMP XT Series Enclosure	1	25	24	22	22
31	DMP XR150N Alarm/Access Control Panel	1	750	408	357	375
32	DMP XR550 Access/Alarm Control Panel	2	1,900	1,194	1,090	1,098
33	DMP XT Series Enclosure	2	49	48	44	45
34	ELK 924 DPDT Relay Module	2	30	32	26	23
35	ELK 960 Timed/Delay DPDT Relay Module	1	37	32	17	24
36	ELK-912-8 SPDT 10A Relay Module	6	135	75	198	43
37	High Security Contact	29	870	3,654	2,777	2,853
38	Micro 360 Ceiling Mount Motion Detector	1	350	117	70	96
39	Micro Wall Motion Detector	11	1,485	1,045	385	858
40	Outdoor Photo Electric Beam	4	648	2,416	726	1,872
41	PIZO 12V DC	3	45	33	11	10
42	Prox Card Reader # HID-FP4521A Format-10022	5	1,100	1,070	1,118	708
43	SMP3 Aux Power Supply 12v DC 3Amp	4	183	156	165	110
44	SMP5 Aux Power Supply 12V DC 5A	4	290	232	228	161
45	Superstrut thick wall 10 ft	2	65	38	95	47
46	Superstrut thin wall 10 ft	2	55	30	82	39
47	W/P 12"x12"x6" Plastic Box	5	280	240	357	202
48	W/P 1-Gang Box	15	210	53	242	61
49	W/P 2-Gang Box	15	242	105	341	151
50	W/P 4"x4"x2" Plastic Box	10	115	180	270	83
51	W/P 8"x8"x6" Plastic Box	10	316	315	529	272
52	trip charge	30	0	0	3,600	1,800
53	general install labor rate (conduit, wire pull, etc)	50	3,400	2,050	4,250	3,750
54	programming labor rate	100	6,800	6,500	8,500	9,000
55	alarm & access system design labor rate	30	2,040	1,650	2,850	3,750
	<b>Cumulative Score</b>		<b>32,235</b>	<b>33,883</b>	<b>38,129</b>	<b>36,390</b>

# AGENDA ITEM 7a



## STAFF REPORT

TYPE MEETING:	Regular Board Meeting	MEETING DATE:	June 3, 2015
SUBMITTED BY:	Rita Bell, Finance Manager	PROJECT:	DIV.NO. All
APPROVED BY: (Chief)	<input checked="" type="checkbox"/> Joseph R. Beachem, Chief Financial Officer <input checked="" type="checkbox"/> German Alvarez, Assistant General Manager <input checked="" type="checkbox"/> Mark Watton, General Manager		
SUBJECT:	Adopt Resolution No. 4290 to Approve the FY 2015-2016 Operating and Capital Budget; Approve Fund Transfers for Potable, Recycled, and Sewer; Approve Water and Sewer Rate Changes on All Billings that Begin in Calendar Year 2016; Adopt the Salary Schedule; and Adopt Ordinance No. 550 Amending Code of Ordinances Section 25, Conditions for Water Service, Section 53, Conditions for Sewer Service, and Appendix A with the Proposed Water and Sewer Rate Changes; and Obtain Direction to Send Rate Increase Notices		

### GENERAL MANAGER'S RECOMMENDATION:

That the Board adopt Resolution No. 4290 to approve the FY 2015-2016 Operating and Capital Budget; approve fund transfers for Potable, Recycled, and Sewer; approve water and sewer rate changes on all billings that begin in calendar year 2016 (this may include some services provided in December 2015); adopt the Salary Schedule; and adopt Ordinance No. 550 amending the Code of Ordinances Section 25, Conditions for Water Service, Section 53, Conditions for Sewer Service, and Appendix A with the proposed water and sewer rate changes; and direct staff to send rate increase notices.

Below are the fund transfers for approval:

#### **Potable:**

Designated Expansion to Replacement	\$3,528,000
General Fund to Replacement	\$2,351,300
Designated Betterment to Replacement	\$2,125,700
Designated New Supply to Replacement	\$730,000

**Recycled:**

General Fund to Designated Expansion \$2,107,000

**Sewer:**

Designated Expansion to Replacement \$15,000

General Fund to Replacement \$1,586,500

**PURPOSE:**

To approve the FY 2015-2016 Operating and Capital Budget, salary schedule, various fund transfers; and approve water and sewer rate changes. Also to amend the Code of Ordinances Sections 25, Conditions for Water Service, and 53, Conditions for Sewer Service, and Appendix A with the proposed water and sewer rate changes. Finally, to direct staff to send the rate increase notices of 5.4% for water and a \$1.30 for the sewer residential system fee.

**BACKGROUND:**

Each year the District goes through a rate setting process with new challenges. The process begins in January and ends with the implementation of rates the following January.

This year, staff presented a proposed Operating and Capital Budget with a conservation level of 12%. While the District is and will continue to take all actions to achieve the 20% conservation level, staff recommends that the budget look at what is more likely to be attainable. The impact of the many efforts to promote conservation are not likely to be fully effective until the majority of the summer usage has occurred. Also, during the winter months when outdoor irrigation is the lowest, opportunities for conservation are correspondingly low. So while the conservation target is 20%, as mandated by the Governor, it is more reasonable to establish the budget for FY 2015-2016 at a 12% conservation level. Importantly, with this level of conservation the proposed rate increase will help prevent over-collection of revenue from our customers.

At the budget workshop with the Board, there was a comprehensive review of the budget and the various rate scenarios. The Board consensus was to carry forward the 5.4% recommended increase for approval. This proposed rate increase allows the District to achieve up to a 17% conservation level before the District's debt coverage ratio is compromised. The District always has the opportunity to modify rates either mid-year or the following

year should the level of conservation be significantly different than projected.

**DISCUSSION:**

In addition to the budget and rate setting process, the Board's focus on strategic planning has played a positive role in the financial strength of the District. By managing staffing, automating processes, and implementing Best Management Practices the District has become more efficient and cost effective.

**Operating Budget**

The proposed FY 2015-2016 budget covers CWA, and the City of San Diego increases in water costs, as well as increases in power costs from SDG&E. This budget supports the Capital Budget and strategic objectives. With the anticipated 12% conservation level comes a significant reduction in revenues. The District is able to absorb the fiscal impact of this mandate by using reserves that are available due to the District's fiscal strength. After the impact of this is realized, the District's financial position will steadily improve back to target levels. The proposed budget presents an average 5.4% water rate increase. The rate model projects the following increases for water in fiscal years 2017 through 2021: 5.4%, 5.4%, 3.8%, 3.8%, and 3.8%. For sewer customers there are no proposed increases for any of the next six years, but there is an increase in the monthly sewer system fee of \$1.30. This increase is only on residential sewer customers, and is a result of the prior Cost of Service study.

**Salary Schedule**

While the General Manager has authority to set salaries pursuant to 2.01 of the Code of Ordinances, recent legislation, namely California Code of Regulations (CCR) section 570.5, adopted and effective August 10, 2011, as well as a CalPERS circular letter clarifying section 570.5, require information regarding the compensation of public employees to be publicly available. Thus, in order to be in compliance with CCR 570.5, the District is required to have a publicly available salary schedule that "has been duly approved and adopted by the employer's governing body in accordance with requirements of applicable public meeting laws." As such, a copy of the Job Classification and Salary Schedule is included herein for Board approval (Exhibit 2). Although District salaries are already made public as a part of our NeoGov recruitment system, this salary schedule will be retained for public inspection for the required five years and posted to the District's webpage per requirements of

CalPERS. Please note, that making such information publicly available does not in any way interfere with or change the General Manager's authority to set salaries pursuant to the authority granted to him. Accordingly, and consistent with such authority, the Board is requested to authorize the General Manager to update the salary schedule whenever necessary to reflect changes made within his authority.

**FISCAL IMPACT:**  Joseph R. Beachem, Chief Financial Officer

A six-year rate modeling effort is one of the ways the District can better inform its customers, minimize financial risks, reduce rate impacts, and establish fiscal strength.

The recommended balanced operating budget totals \$89.1 million and the recommended CIP budget totals \$11.1 million. With budget approval, the District will move forward into FY 2016 with clear financial direction and with rates that will rebuild and then maintain the District's financial strength to target levels.

Average water rate increases of 5.4% are recommended for all water services billed beginning January 1, 2016, and may include water used as early as December 1, 2015, depending on the billing cycle. A \$1.30 residential sewer system fee increase is recommended as part of the final phase-in from the 2013 Cost of Service Study.

This budget, with the recommended transfers, provides sufficient funding to pay increased water costs; continues funding for the District's administration, maintenance, and operations; and is consistent with the Strategic Plan and Reserve Policy.

**STRATEGIC OUTLOOK:**

The District ensures its continued financial health through long-term financial planning and debt planning.

**LEGAL IMPACT:**

None.

Attachments:

- A) Resolution No. 4290
  - Exhibit 1 - FY 2015-16 Preliminary Operating and Capital Budget
  - Exhibit 2 - Job Classification and Salary Schedule

- B) Ordinance No. 550
  - Exhibit 1 - Section 25 Strike-through
  - Exhibit 2 - Proposed Section 25
  - Exhibit 3 - Section 53 Strike-through
  - Exhibit 4 - Proposed Section 53
  - Exhibit 5 - Appendix A Strike-through
  - Exhibit 6 - Appendix A Proposed
- C) FY 2015-16 Budget Adoption Presentation
- D) Residential Water Rate Increase Notice
- E) Residential Single-Family Sewer Rate Increase Notice
- F) Public and Commercial Water Rate Increase Notice
- G) Landscape, Agricultural & Construction Water Rate Increase Notice
- H) Recycled Water Rate Increase Notice
- I) Master Metered Rate Increase Notice

RESOLUTION NO. 4290

A RESOLUTION OF THE BOARD OF DIRECTORS OF  
OTAY WATER DISTRICT ADOPTING THE  
FISCAL YEAR 2015-2016  
OPERATING AND CAPITAL BUDGET; AND THE JOB  
CLASSIFICATION AND SALARY SCHEDULE

WHEREAS, the Otay Water District Board of Directors have been presented with a budget (Exhibit 1) for the operation of the Otay Water District for Fiscal Year 2015-2016; and

WHEREAS, the Fiscal Year 2015-2016 Operating and Capital Budget, has been reviewed and considered by the Board;

WHEREAS, it is in the interest of the District to adopt a budget for said year;

WHEREAS, in connection with the adoption of the budget, the Board is also being presented with a listing of job classifications and salary schedule (Exhibit 2) for its consideration, in order to comply with California Code of Regulations Section 570.5,

NOW, THEREFORE, BE IT RESOLVED, DETERMINED AND ORDERED by the Board of Directors of the Otay Water District that the Operating and Capital Budget for the operation of the District, incorporated herein by reference, is hereby adopted as the District's budget for Fiscal Year 2015-2016.

BE IT FURTHER RESOLVED that the Board hereby approves and adopts the salary schedule included with the budget and, consistent with his authority over employee compensation under both State law and the District's Code of Ordinances, authorizes the General Manager to update the salary schedule whenever necessary to reflect changes made within his authority.

PASSED, APPROVED AND ADOPTED by the Board of Directors of Otay Water District at a board meeting held this 3rd day of June 2015, by the following vote:

Ayes:  
Noes:  
Abstain:  
Absent:

ATTEST:

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President

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District Secretary

# OTAY WATER DISTRICT

Spring Valley, California



Preliminary Operating and Capital Budget  
Fiscal Year 2015-2016

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# Operating Budget Summary - General Fund

	FY 2014	FY 2015	FY 2016	Budget to Budget	
	Actual	Budget	Budget	\$	%
<b>Revenues</b>					
Potable Water Sales	\$ 71,272,396	\$ 71,959,100	\$ 69,641,100	\$ (2,318,000)	(3.2%)
Recycled Water Sales	10,014,767	8,826,600	9,111,200	284,600	3.2%
Sewer Revenues	2,757,867	3,007,700	3,206,300	198,600	6.6%
Meter Fees	78,465	51,500	66,200	14,700	28.5%
Capacity Fee Revenues	1,170,985	1,150,600	1,134,800	(15,800)	(1.4%)
Betterment Fees for Maintenance	485,738	301,800	-	(301,800)	0.0%
Tax Revenues	3,624,363	3,763,700	3,897,900	134,200	3.6%
Non-operating Revenues	2,057,519	1,947,800	1,873,600	(74,200)	(3.8%)
Interest	124,196	77,400	157,500	80,100	103.5%
Transfer from OPEB Reserve	149,800	-	-	-	(100.0%)
Transfer from Potable General Fund	-	553,800	-	(553,800)	(100.0%)
General Fund Draw Down	214,400	-	-	-	(100.0%)
<b>Total Revenues</b>	<b>\$ 91,950,496</b>	<b>\$ 91,640,000</b>	<b>\$ 89,088,600</b>	<b>\$ (2,551,400)</b>	<b>(2.8%)</b>
<b>Expenditures</b>					
Potable Water Purchases	\$ 36,151,147	\$ 34,521,500	\$ 32,332,100	(2,189,400)	(6.3%)
Recycled Water Purchases	1,661,887	1,601,500	1,705,800	104,300	6.5%
CWA - Infrastructure Access Charge	1,856,202	1,901,400	1,931,400	30,000	1.6%
CWA - Customer Service Charge	1,753,840	1,792,200	1,777,800	(14,400)	(0.8%)
CWA - Reliability Charge	-	-	950,400	950,400	0.0%
CWA - Emergency Storage Charge	4,515,596	4,741,200	4,681,800	(59,400)	(1.3%)
MWD - Capacity Reservation Charge	531,318	701,400	806,400	105,000	15.0%
MWD - Net RTS and Standby Charge	1,740,511	1,800,000	1,798,800	(1,200)	(0.1%)
Subtotal - Water Costs	\$ 48,210,501	\$ 47,059,200	\$ 45,984,500	\$ (1,074,700)	(2.3%)
Power	\$ 2,808,846	\$ 2,838,400	\$ 3,112,800	\$ 274,400	9.7%
Labor and Benefits	18,876,033	19,747,600	20,381,000	633,400	3.2%
Administrative Expenses	4,085,394	5,419,200	5,387,800	(31,400)	(0.6%)
Materials & Maintenance	3,157,876	3,619,800	3,612,800	(7,000)	(0.2%)
Subtotal - Operations Costs	\$ 28,928,149	\$ 31,625,000	\$ 32,494,400	\$ 869,400	2.7%
Expansion Reserve	3,428,000	2,538,900	2,691,000	152,100	6.0%
Betterment Reserve	125,000	3,530,000	2,400,000	(1,130,000)	(32.0%)
Replacement Reserve	4,230,000	3,270,200	3,278,400	8,200	0.3%
Transfer to Sewer General Fund	152,800	553,800	-	(553,800)	0.0%
OPEB Trust	1,242,900	647,100	1,006,000	358,900	55.5%
Potable General Fund	1,913,000	1,583,800	-	(1,583,800)	(100.0%)
Sewer Replacement	-	127,000	1,199,300	1,072,300	8.4
New Supply Reserve	-	705,000	35,000	(670,000)	(1.0)
Subtotal - Reserve Funding	\$ 11,091,700	\$ 12,955,800	\$ 10,609,700	\$ (2,346,100)	(18.1%)
<b>Total Expenditures</b>	<b>\$ 88,230,350</b>	<b>\$ 91,640,000</b>	<b>\$ 89,088,600</b>	<b>\$ (2,551,400)</b>	<b>(2.8%)</b>
<b>Excess Revenues (Expenditures)</b>	<b>\$ 3,720,146</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	

# Operating Budget Summary - General Fund

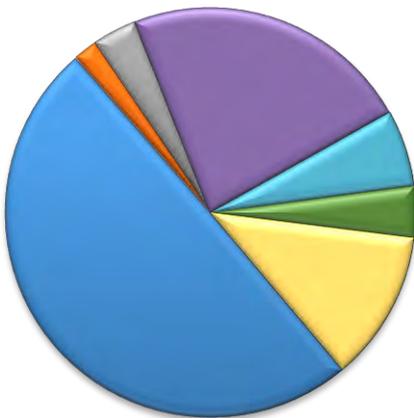
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## FY 2016 OPERATING REVENUES



Potable Water Sales	\$ 69,641,100	78.2%
Recycled Water Sales	9,111,200	10.1%
Sewer Revenues	3,206,300	3.6%
Meter Fees	66,200	0.1%
Capacity Fee Revenues	1,134,800	1.3%
Tax Revenues	3,897,900	4.4%
Non-operating Revenues	1,873,600	2.1%
Interest	157,500	0.2%
<b>Total</b>	<b>\$ 89,088,600</b>	<b>100.0%</b>

## FY 2016 OPERATING EXPENDITURES



Potable Water Purchases	\$ 44,278,700	49.7%
Recycled Water Purchases	1,705,800	1.8%
Power	3,112,800	3.5%
Labor and Benefits	20,381,000	22.9%
Administrative Expenses	5,387,800	6.1%
Materials & Maintenance	3,612,800	4.1%
Reserve Funding	10,609,700	11.9%
<b>Total</b>	<b>\$ 89,088,600</b>	<b>100.0%</b>

# FY 2016 Operating Budget Summary by System

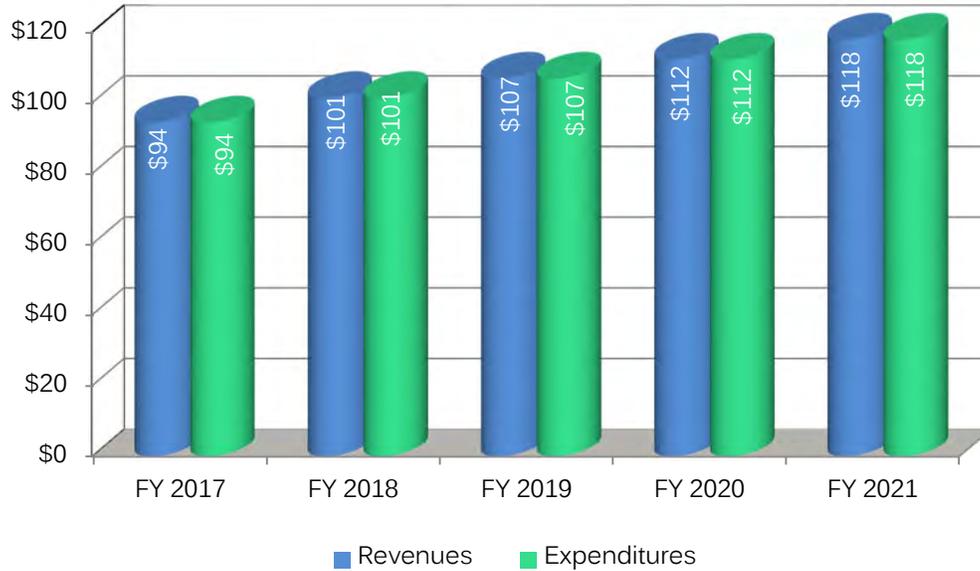
	Potable	Recycled	Sewer	Total
<b>Revenues</b>				
Water Sales	\$ 69,641,100	\$ -	\$ -	\$ 69,641,100
Recycled Water Sales	-	9,111,200	-	9,111,200
Sewer Revenues	-	-	3,206,300	3,206,300
Meter Fees	65,800	400	-	66,200
Capacity Fee Revenues	1,134,800	-	-	1,134,800
Tax Revenues	3,846,300	-	51,600	3,897,900
Non-operating Revenues	1,836,400	-	37,200	1,873,600
Interest	143,000	6,300	8,200	157,500
Transfer from Betterment	-	-	-	-
<b>Total Revenues</b>	<b>\$ 76,667,400</b>	<b>\$ 9,117,900</b>	<b>\$ 3,303,300</b>	<b>\$ 89,088,600</b>
<b>Expenditures</b>				
Water Purchases	\$ 32,332,100	\$ 1,705,800	\$ -	\$ 34,037,900
CWA - Infrastructure Access Charge	1,931,400	-	-	1,931,400
CWA - Customer Service Charge	1,777,800	-	-	1,777,800
CWA - Reliability Charge	950,400	-	-	950,400
CWA - Emergency Storage Charge	4,681,800	-	-	4,681,800
MWD - Capacity Reservation Charge	806,400	-	-	806,400
MWD - Net RTS and Standby Charges	1,798,800	-	-	1,798,800
Subtotal - Water Costs	\$ 44,278,700	\$ 1,705,800	\$ -	\$ 47,059,200
Power	2,372,400	563,600	176,800	\$ 3,112,800
Labor and Benefits	18,518,100	1,181,600	681,300	20,381,000
Administrative Expenses	4,865,200	321,800	200,800	5,387,800
Materials & Maintenance	2,168,300	287,800	1,156,700	3,612,800
Subtotal - Operations Costs	\$ 27,924,000	\$ 2,354,800	\$ 2,215,600	\$ 31,625,000
Expansion Reserve	-	2,691,000	-	\$ 2,691,000
Betterment Reserve	-	1,945,000	455,000	2,400,000
Replacement Reserve	2,351,300	328,000	599,100	3,278,400
OPEB Trust	914,100	58,300	33,600	1,006,000
Sewer Replacement	1,199,300	-	-	1,199,300
New Supply Reserve	-	35,000	-	35,000
Subtotal - Reserve Funding	\$ 4,464,700	\$ 5,057,300	\$ 1,087,700	\$ 10,609,700
<b>Total Expenditures</b>	<b>\$ 76,667,400</b>	<b>\$ 9,117,900</b>	<b>\$ 3,303,300</b>	<b>\$ 89,088,600</b>
<b>Excess Revenue (Expenditures)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

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# General Fund Forecast - FY 2017 Through FY 2021

This forecast incorporates both cost increases for expenditures and rate increases for revenues, as well as growth projections.

## REVENUES AND EXPENDITURES FORECAST, IN MILLIONS (\$)



Revenues	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Water/Sewer Rates	87,068,400	93,813,400	99,113,900	104,168,100	109,556,000
Meter Fees	71,500	76,700	78,700	81,800	85,400
Capacity Fee Revenues	1,140,500	1,151,900	1,163,400	1,175,000	1,186,800
Non-operating Revenues	1,903,100	1,934,200	1,967,200	2,002,000	2,037,500
Tax Revenues	3,998,300	4,103,400	4,214,000	4,401,100	4,598,900
Interest Income	202,100	259,200	297,600	337,800	383,100
<b>Total</b>	<b>\$ 94,383,900</b>	<b>\$ 101,338,800</b>	<b>\$ 106,834,800</b>	<b>\$ 112,165,800</b>	<b>\$ 117,847,700</b>

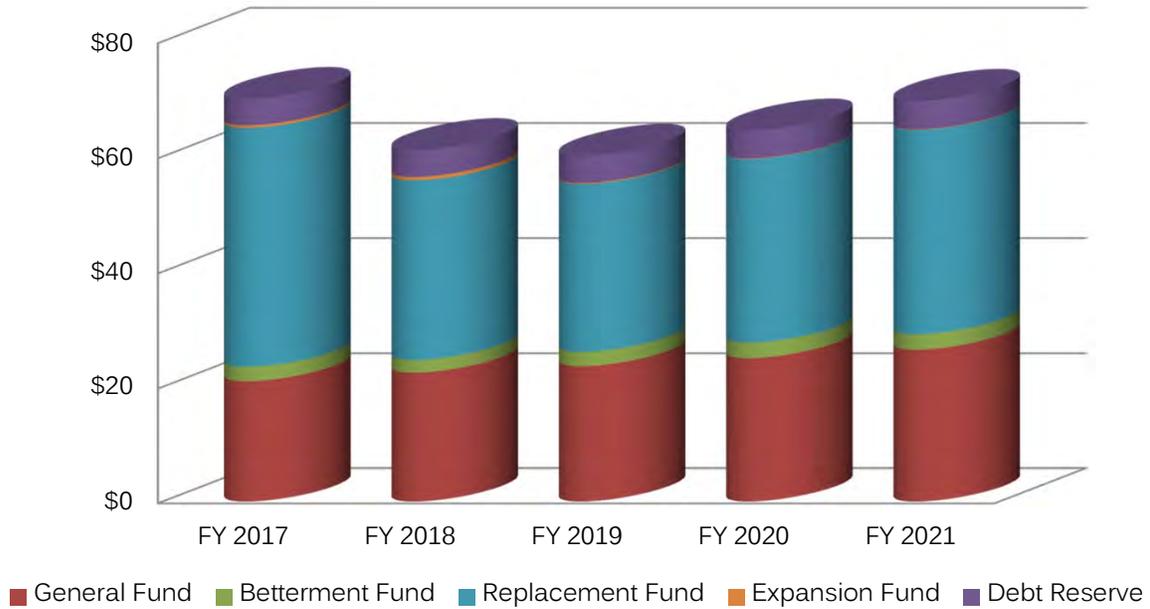
Expenditures and Transfers	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Water Cost	\$ 50,115,400	\$ 54,801,700	\$ 58,873,100	\$ 63,386,700	\$ 68,229,200
Power	3,308,000	3,526,000	3,692,900	3,878,400	4,077,600
Labor and Benefits	21,338,600	22,104,400	22,325,000	22,820,900	23,325,700
Administrative Expenses	5,395,200	5,555,000	5,481,600	5,649,900	5,823,800
Materials & Maintenance	3,729,200	3,887,800	4,045,200	4,209,300	4,379,900
Net Reserve Funding	10,497,500	11,463,900	12,417,000	12,220,600	12,011,500
<b>Total</b>	<b>\$ 94,383,900</b>	<b>\$ 101,338,800</b>	<b>\$ 106,834,800</b>	<b>\$ 112,165,800</b>	<b>\$ 117,847,700</b>

<b>Excess Revenues</b>	<b>\$ -</b>				
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# Fund Balances - FY 2017 Through FY 2021

Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
General Fund	\$ 20,983,200	\$ 22,481,200	\$ 23,606,800	\$ 24,992,400	\$ 26,463,800
Betterment Fund	2,527,600	2,210,800	2,480,500	2,713,300	2,707,500
Replacement Fund	41,492,700	31,204,400	29,156,300	31,896,300	35,452,600
Expansion Fund	445,000	587,600	184,400	106,800	106,700
New Supply Fund	812,600	1,207,800	1,608,900	1,802,800	1,805,900
Debt Reserve	4,574,500	4,643,300	4,722,800	4,829,800	4,951,000
<b>Total</b>	<b>\$ 70,835,600</b>	<b>\$ 62,335,100</b>	<b>\$ 61,759,700</b>	<b>\$ 66,341,400</b>	<b>\$ 71,487,500</b>

**FUND BALANCES FORECAST, IN MILLIONS (\$)**



# Operating Budget Summary - Potable

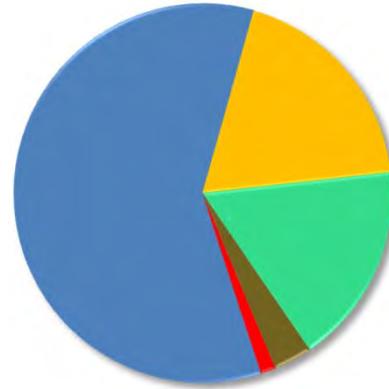
	FY 2014	FY 2015	FY 2016	Budget to Budget Variance	
	Actual	Budget	Budget	\$	%
<b>Revenues</b>					
Water Sales	\$ 71,272,396	\$ 71,959,100	\$ 69,641,100	\$ (2,318,000)	(3.2%)
Meter Fees	77,503	51,100	65,800	14,700	28.8%
Capacity Fee Revenues	1,167,405	1,150,600	1,134,800	(15,800)	(1.4%)
Betterment Fees for Maintenance	485,738	301,800	-	(301,800)	(100.0%)
Tax Revenues	3,580,042	3,712,100	3,846,300	134,200	3.6%
Non-operating Revenues	2,024,615	1,914,000	1,836,400	(77,600)	(4.1%)
Interest	100,023	65,400	143,000	77,600	118.7%
Transfer from OPEB	149,800	-	-	-	(100.0%)
<b>Total Revenues</b>	<b>\$ 78,857,522</b>	<b>\$ 79,154,100</b>	<b>\$ 76,667,400</b>	<b>\$ (2,486,700)</b>	<b>(3.1%)</b>
<b>Expenditures</b>					
Potable Water Purchases	36,151,147	34,521,500	32,332,100	(2,189,400)	(6.3%)
CWA - Infrastructure Access Charge	1,856,202	1,901,400	1,931,400	30,000	1.6%
CWA - Customer Service Charge	1,753,840	1,792,200	1,777,800	(14,400)	(0.8%)
CWA - Reliability Charge	-	-	950,400	950,400	100.0%
CWA - Emergency Storage Charge	4,515,596	4,741,200	4,681,800	(59,400)	(1.3%)
MWD - Capacity Reservation Charge	531,318	701,400	806,400	105,000	15.0%
MWD-Net RTS and Standby Charges	1,740,511	1,800,000	1,798,800	(1,200)	(0.1%)
Subtotal - Water Costs	\$ 46,548,614	\$ 45,457,700	\$ 44,278,700	\$ (1,179,000)	(2.6%)
Power	2,057,945	2,188,400	2,372,400	184,000	8.4%
Labor and Benefits	16,967,071	17,663,500	18,518,100	854,600	4.8%
Administrative Expenses	3,616,667	4,927,100	4,865,200	(61,900)	(1.3%)
Materials & Maintenance	1,654,641	1,921,800	2,168,300	246,500	12.8%
Subtotal - Operations Costs	\$ 24,296,324	\$ 26,700,800	\$ 27,924,000	\$ 1,223,200	4.6%
Expansion Reserve	3,418,000	-	-	-	(100.0%)
Betterment Reserve	-	2,805,000	-	(2,805,000)	(100.0%)
Replacement Reserve	-	675,000	2,351,300	1,676,300	248.3%
Transfer to Sewer General Fund	152,800	553,800	-	(553,800)	0.0%
Transfer to OPEB	1,114,600	546,000	914,100	368,100	67.4%
Transfer to General Fund Reserve	1,913,000	1,583,800	-	(1,583,800)	(100.0%)
Transfer to Sewer Replacement	-	127,000	1,199,300	1,072,300	844.3%
Transfer to New Supply Fund	-	705,000	-	(705,000)	(100.0%)
Subtotal - Reserve Funding	\$ 6,598,400	\$ 6,995,600	\$ 4,464,700	\$ (2,530,900)	(36.2%)
<b>Total Expenditures</b>	<b>\$ 77,443,338</b>	<b>\$ 79,154,100</b>	<b>\$ 76,667,400</b>	<b>\$ (2,486,700)</b>	<b>(3.1%)</b>
<b>Excess Revenues (Expenditures)</b>	<b>\$ 1,414,184</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	

## Classification of Water Sales - Potable

	FY 2014	FY 2015	FY 2016	Budget to Budget Variance	
	Actual	Budget	Budget	\$	%
Water Sales	\$ 46,856,253	\$ 45,669,500	\$ 41,344,900	\$ (4,324,600)	-9.5%
System Fees	11,152,291	12,337,500	13,151,300	813,800	6.6%
Energy Fees	2,114,844	2,145,600	2,311,300	165,700	7.7%
MWD and CWA Fixed Fees	10,309,983	10,936,200	11,946,600	1,010,400	9.2%
Penalties	839,025	870,300	887,000	16,700	1.9%
<b>Total Water Sales</b>	<b>\$ 71,272,396</b>	<b>\$ 71,959,100</b>	<b>\$ 69,641,100</b>	<b>\$ (2,318,000)</b>	<b>-3.2%</b>

### FY 2016 CLASSIFICATION OF WATER SALES

■ Water Sales	\$ 41,344,900	59.0%
■ System Charges	13,151,300	19.0%
■ MWD and CWA Fixed Charges	11,946,600	17.0%
■ Energy Charges	2,311,300	3.0%
■ Penalties	887,000	2.0%
	<b>\$ 69,641,100</b>	<b>100.0%</b>



**Water Rates:** Rates vary among classes of service and are charged per unit of water. A unit of water is equal to 100 cubic feet of water. On January 1, 2009, the District implemented a tiered rate structure for all customer types to encourage conservation and bring equity among the classes.

**System Fees:** Each water service customer pays a monthly system charge for water system replacement, maintenance, and operation expenses. The charge is based on the size of the meter.

**Energy Fees:** The energy pumping fee is \$ .072 per 100 cubic feet of water for each 100 feet of lift above the elevation of 450 feet. All water customers are in one of 29 zones based on elevation.

**MWD and CWA Fixed Fees:** These pass-through charges are calculated to recover the MWD's and CWA's fixed annual costs including the construction, operation and maintenance of aqueducts, and emergency storage projects. These fixed charges are based on the size of the meter.

**Penalties:** Charges and penalties are imposed on customer accounts for late payments and returned checks.

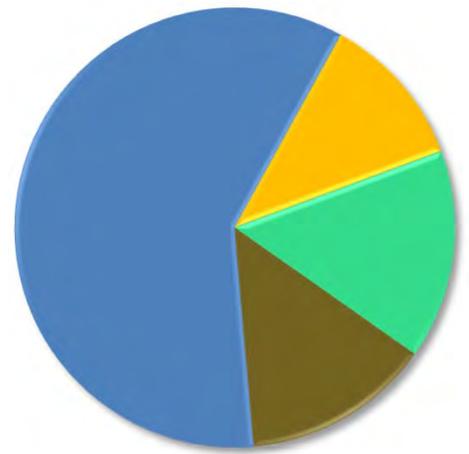
# Water Sales Summary by Service Class - Potable

	Water Rates		Accounts	FY 2016 Sales Budget	
	Current	Proposed*		Units	Amount
<b>Residential</b>			45,078	6,954,400	\$ 23,198,800
Conservation Tier (< 5 hcf)	\$ 1.95	\$ 1.99			
6 - 10	3.04	3.10			
11 - 22	3.95	4.03			
over 23 hcf	6.08	6.20			
<b>Master Meter</b>			809	1,326,700	4,631,000
0 - 4	3.00	3.06			
5 - 9	3.89	3.96			
over 10 hcf	6.00	6.12			
<b>Public and Commercial</b>			1,469	1,802,500	5,895,300
Tier I	3.21	3.27			
Tier II	3.26	3.32			
Tier III	3.31	3.37			
<b>Agriculture, Landscaping, and Construction</b>			1,348	1,620,500	7,176,300
Tier I	4.37	4.45			
Tier II	4.42	4.50			
Tier III	4.47	4.56			
<b>Total</b>			48,704	11,704,100	\$ 40,901,400
<b>Government Fee</b>	0.32	0.37	-	-	443,500
<b>Total Water Sales</b>			48,704	11,704,100	\$ 41,344,900

\*Proposed rates for water billed beginning in January 2016.

## FY 2016 UNIT SALES BY SERVICE CLASS

■ Residential	6,954,400	60%
■ Master Meter	1,326,700	10%
■ Public and Commercial	1,802,500	20%
■ Agricultural and Landscaping	1,620,500	10%
	<u>11,704,100</u>	<u>100%</u>



# Unit Sales History and Meter Count by Customer Class - Potable

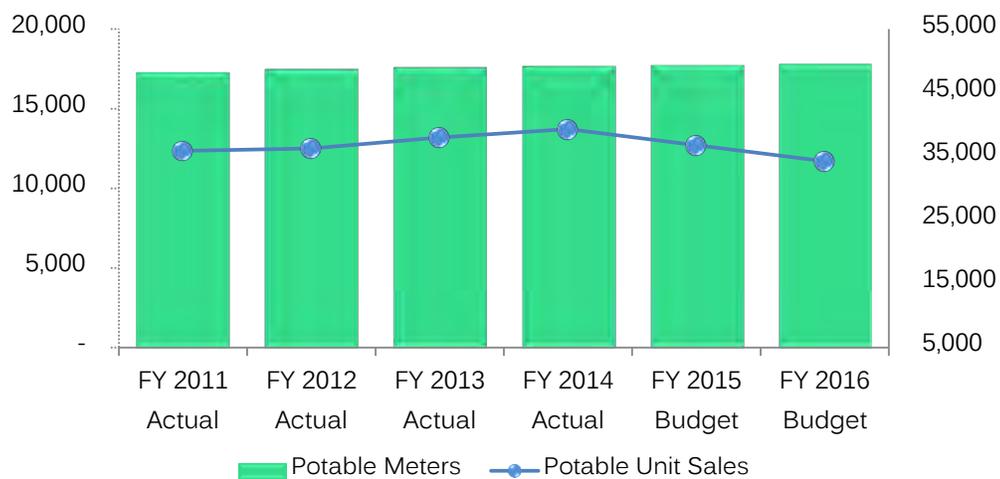
Unit Sales History (in hcf)

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
	Actual			Budget		Budget
Residential	7,486,069	7,507,214	7,836,873	8,050,828	7,674,100	6,954,400
Master Meters	1,389,616	1,409,515	1,495,057	1,536,902	1,427,500	1,326,700
Public and Commercial	1,771,396	1,859,571	2,031,253	2,056,075	1,853,100	1,802,500
Agricultural and Landscaping	1,537,304	1,581,243	1,723,839	1,931,856	1,590,400	1,529,900
Temporary and Fire Services	179,472	153,351	102,020	144,458	171,300	90,600
<b>Total Unit Sales</b>	<b>12,363,857</b>	<b>12,510,894</b>	<b>13,189,042</b>	<b>13,720,119</b>	<b>12,716,400</b>	<b>11,704,100</b>

Meter Count

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
	Actual			Budget		Budget
Residential	43,903	44,396	44,670	44,826	44,945	45,078
Master Meters	797	799	800	798	798	809
Public and Commercial	1,434	1,433	1,493	1,449	1,439	1,470
Agricultural and Landscaping	1,223	1,227	1,227	1,229	1,232	1,228
Temporary and Fire Services	797	810	772	846	843	869
<b>Total Meter Count</b>	<b>48,154</b>	<b>48,665</b>	<b>48,962</b>	<b>49,148</b>	<b>49,257</b>	<b>49,454</b>

## UNIT SALES IN THOUSANDS (\$) AND METER COUNT TRENDS

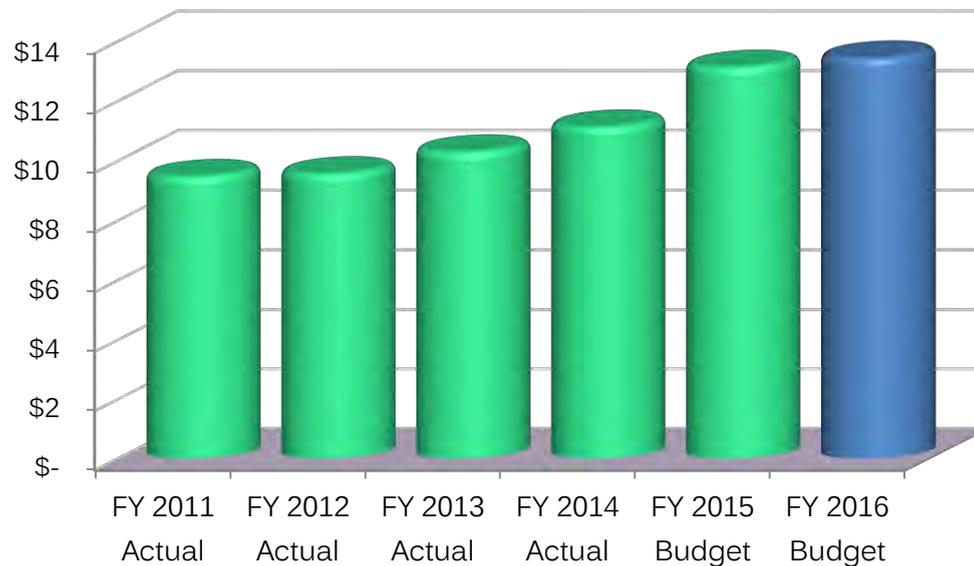


# System Fees - Potable

Meter	FY 2016	Current	Proposed*	FY 2015	FY 2016	Budget to Budget Variance	
Size	Meter Count	Rates	Rates	Budget	Budget	\$	%
<b>All Service Types</b>							
0.75	43,794	\$ 19.39	\$ 18.50	\$ 9,340,100	\$ 9,939,000	\$ 598,900	6.41%
1.00	2,433	27.39	26.14	725,600	781,400	55,800	7.69%
1.50	940	47.40	45.23	491,400	522,200	30,800	6.27%
2.00	1,082	71.39	68.13	850,500	905,800	55,300	6.50%
3.00	75	135.41	129.22	107,300	117,600	10,300	9.60%
4.00	184	207.43	197.95	405,600	445,300	39,700	9.79%
6.00	16	407.50	388.88	71,800	76,500	4,700	6.55%
8.00	3	647.56	617.97	21,400	22,800	1,400	6.54%
10.00	5	927.63	885.24	51,100	54,400	3,300	6.46%
Sub-total	48,532			12,064,800	12,865,000	800,200	65.81%
<b>Fire Services</b>							
0.63	691	25.32	24.16	190,700	205,100	14,400	7.55%
0.75	9	25.32	24.16	2,500	2,700	200	8.00%
1.00	26	25.32	24.16	7,500	7,700	200	2.67%
2.00	16	25.32	24.16	6,000	4,800	(1,200)	-20.00%
3.00	-	25.32	24.16	-	-	-	
4.00	-	34.12	32.56	-	-	-	
10.00	-	34.12	32.56	-	-	-	
Sub-total	742			206,700	220,300	13,600	-1.78%
Turn Over Fees		10.00	10.00	66,000	66,000	-	
<b>Total</b>	<b>49,274</b>			<b>\$ 12,337,500</b>	<b>\$ 13,151,300</b>	<b>\$ 813,800</b>	<b>6.60%</b>

\*Proposed rates for water billed beginning in January 2016.

**HISTORICAL SYSTEM FEES, IN MILLIONS (\$)**



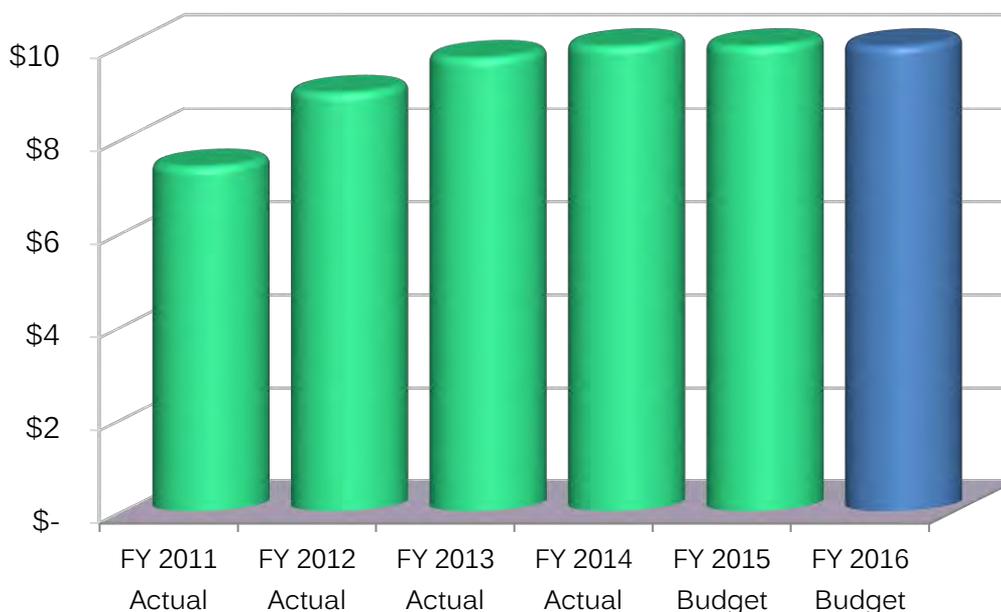
# MWD and CWA Fixed Fees (Pass-Through) - Potable

Meter Size	FY 2016	Current Rates	Proposed*	FY 2015 Budget	FY 2016 Budget	Budget to Budget Variance	
	Meter Count					Budget	\$
0.75	43,796	\$ 13.67	\$ 16.84	\$ 7,379,700	\$ 8,004,300	\$ 624,600	8.46%
1.00	2,572	25.35	31.24	749,900	873,300	123,400	16.46%
1.50	935	57.35	70.66	662,200	717,800	55,600	8.40%
2.00	1,083	97.53	120.17	1,300,000	1,414,600	114,600	8.82%
3.00	76	207.44	255.60	184,300	208,800	24,500	13.29%
4.00	98	332.20	409.32	387,600	432,200	44,600	11.51%
6.00	16	680.02	837.89	134,300	145,700	11,400	8.49%
8.00	3	1,098.15	1,353.09	40,700	44,100	3,400	8.35%
10.00	5	1,580.67	1,947.62	97,500	105,800	8,300	8.51%
<b>Total</b>	<b>48,584</b>			<b>\$ 10,936,200</b>	<b>\$ 11,946,600</b>	<b>\$ 1,010,400</b>	<b>9.24%</b>

\* Proposed rates for water billed beginning in January 2016.

Note: Construction Meters, Fire Services, and Recycled Meters are exempt from MWD and CWA Fixed Fees.

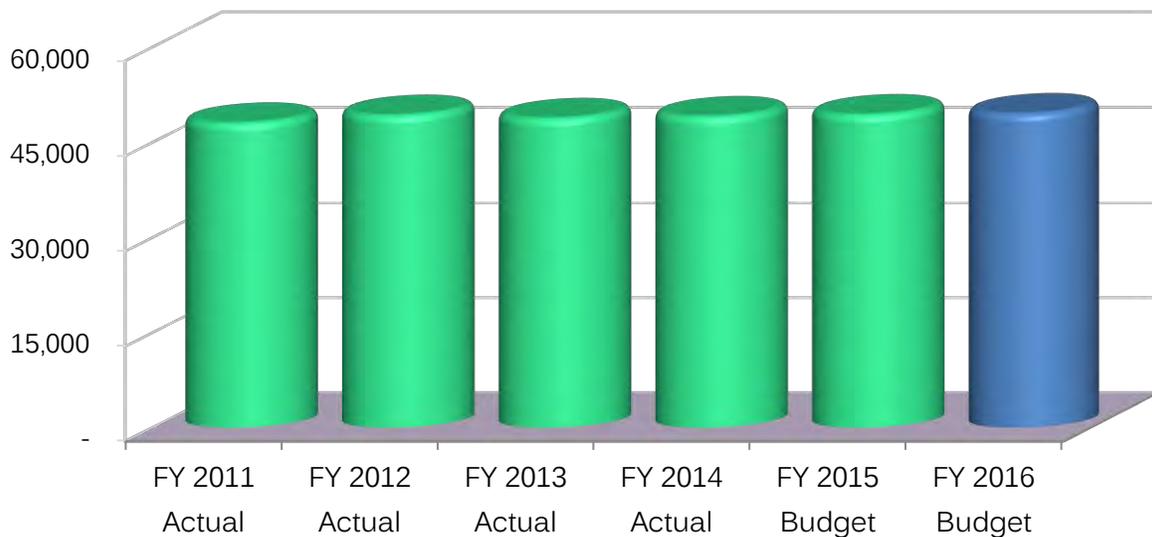
## HISTORICAL MWD AND CWA FIXED FEES, IN MILLIONS (\$)



# Meter Fees - Potable

Meter Size	Meter Sales	Installation Fee	Meter Fee	Total Fees	Budgeted Amount
0.75	162	\$ 102.56	\$ 216.13	\$ 318.69	\$ 51,600
1.00	-	102.56	278.89	381.45	-
1.50	1	102.56	453.31	555.87	600
2.00	-	102.56	649.55	752.11	-
3.00	2	617.51	2,024.25	2,641.76	5,300
4.00	2	617.51	3,515.80	4,133.31	8,300
6.00	-	975.40	6,072.73	7,048.13	-
8.00	-	1,495.69	7,587.43	9,083.12	-
10.00	-	1,495.69	10,912.14	12,407.83	-
<b>Total</b>	<u>167</u>				<u>\$ 65,800</u>

## HISTORICAL METER COUNT

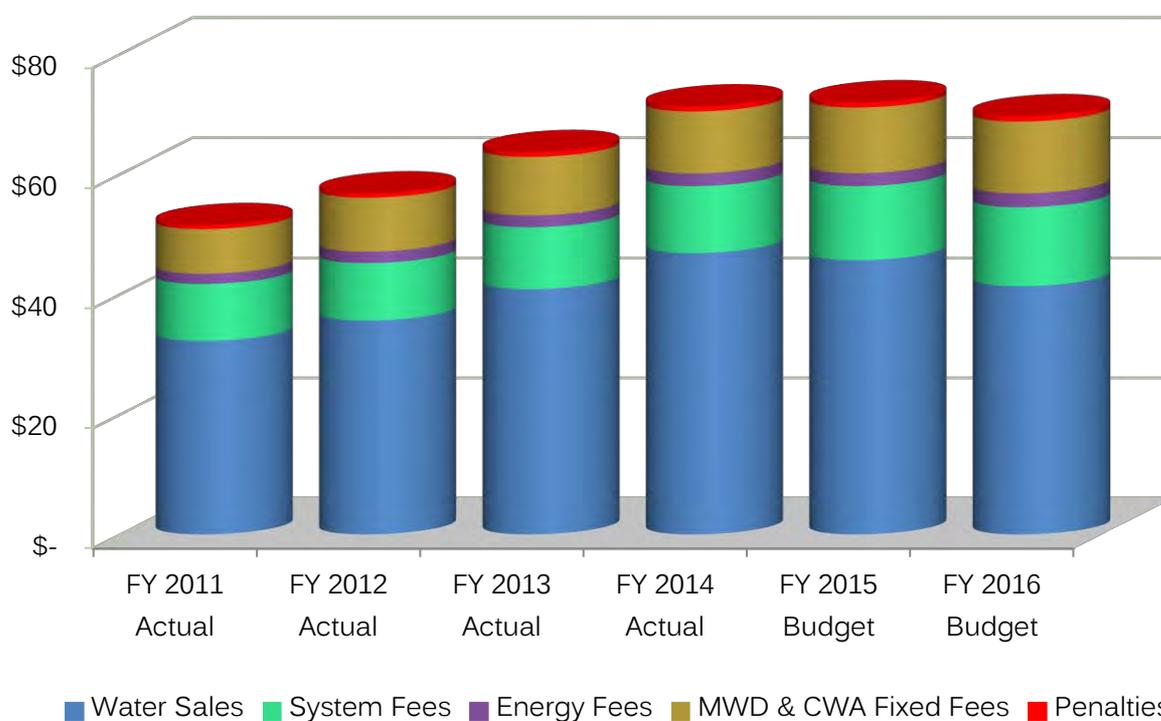


**Meter Fees:** Charges collected for new water service connections. Fees vary depending upon meter size and type of service. The costs associated with meter installations are included in the Operating Expenses section of the budget. These charges are funded by developers.

# Revenue History - Potable

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
	Actual			Budget		
Water Sales	\$ 32,236,451	\$ 35,615,558	\$ 40,845,630	\$ 46,856,253	\$ 45,669,500	\$ 41,344,900
System Fees	9,490,904	9,583,563	10,315,199	11,152,291	12,337,500	13,151,300
Energy Fees	1,693,186	1,881,776	1,964,062	2,114,844	2,145,600	2,311,300
MWD and CWA Fixed Fees	7,421,386	9,000,267	9,747,977	10,309,983	10,936,200	11,946,600
Penalties	665,931	703,081	796,426	839,025	870,300	887,000
<b>Total Potable Revenues</b>	<b>\$ 51,507,858</b>	<b>\$ 56,784,245</b>	<b>\$ 63,669,294</b>	<b>\$ 71,272,396</b>	<b>\$ 71,959,100</b>	<b>\$ 69,641,100</b>

REVENUE HISTORY - POTABLE, IN MILLIONS (\$)



# Water Purchases and Related Costs - Potable

FY 2015 Budget	FY 2016 Budget	FY 2015 Budget	FY 2016 Budget	Budget to Budget Variance	
Acre Feet		Purchase Costs		\$	%

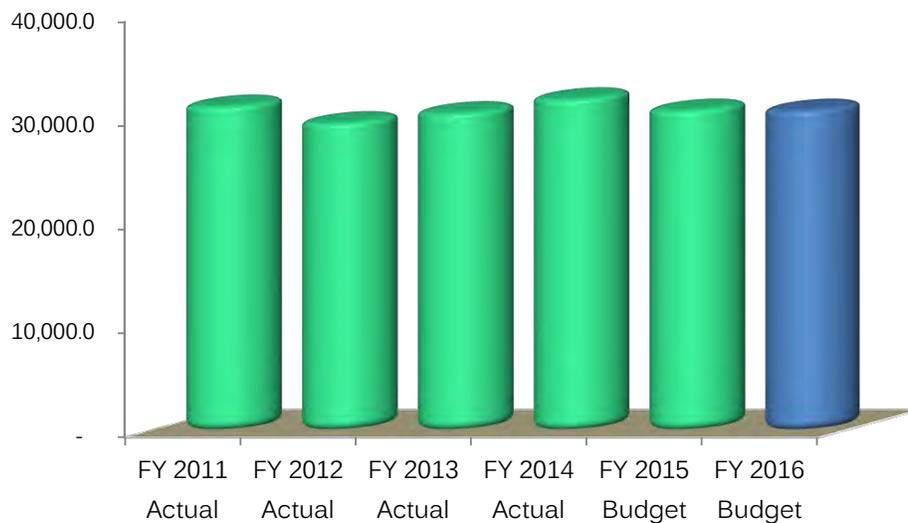
## Potable Water Purchases (CWA):

<b>Rate Effective January</b>			\$ 1,143.00	\$ 1,165.00	\$ 22.00	1.92%
Budgeted Sales	29,192.4	26,868.7	\$ 32,710,200	\$ 30,968,000	\$ (1,742,200)	-5.33%
District & Unbilled Usage	61.2	61.2	69,100	70,800	1,700	2.46%
Water Loss	1,539.7	1,122.1	1,725,300	1,293,300	(432,000)	-25.04%
Budgeted Sales (CSD)	-	-	16,900	-	(16,900)	0.00%
<b>Total Variable Charges</b>	<b>30,793.3</b>	<b>28,052.0</b>	<b>\$ 34,521,500</b>	<b>\$ 32,332,100</b>	<b>\$ (2,189,400)</b>	<b>-6.34%</b>

## CWA and MWD Fixed Charges:

CWA - Infrastructure Access Charge			\$ 1,901,400	\$ 1,931,400	\$ 30,000	1.58%
CWA - Customer Service Charge			1,792,200	1,777,800	(14,400)	-0.80%
CWA - Emergency Storage Charge			4,741,200	4,681,800	(59,400)	-1.25%
CWA - Reliability Fixed Charge			-	950,400	950,400	100.00%
MWD - Capacity Reservation Charge			701,400	806,400	105,000	14.97%
MWD - Readiness-to-Serve Charge			1,800,000	1,798,800	(1,200)	-0.07%
<b>Total Fixed Charges</b>			<b>\$ 10,936,200</b>	<b>\$ 11,946,600</b>	<b>\$ 1,010,400</b>	<b>9.24%</b>
<b>Total Variable and Fixed Charges</b>			<b>\$ 45,457,700</b>	<b>\$ 44,278,700</b>	<b>\$ (1,179,000)</b>	<b>-2.59%</b>
<b>Average Cost Per Acre-Foot</b>			<b>\$ 1,476</b>	<b>\$ 1,578</b>		

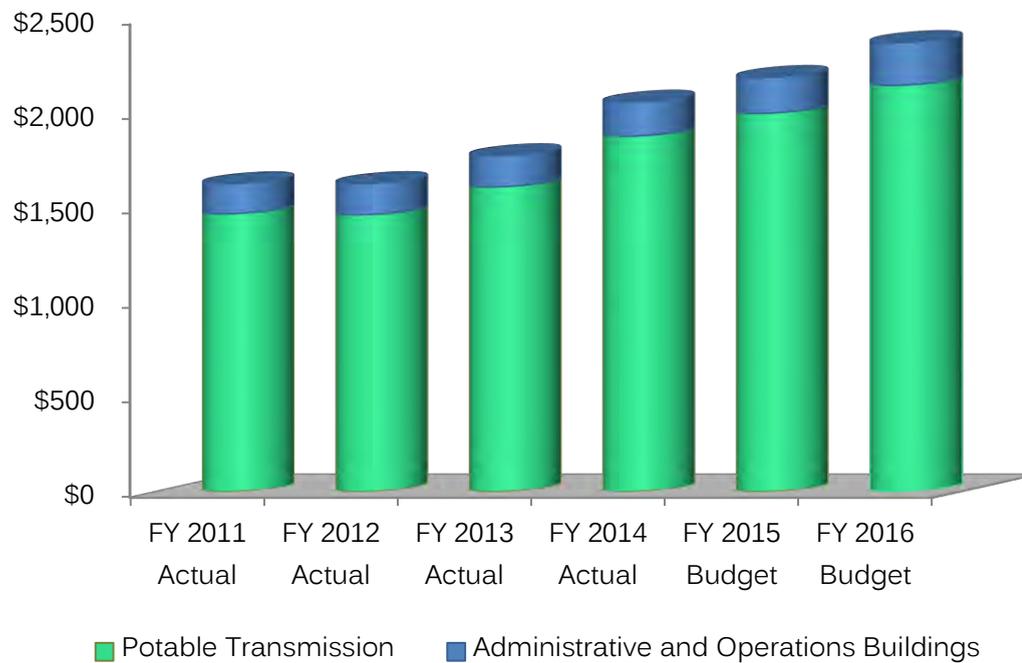
## HISTORICAL POTABLE WATER PURCHASES, IN ACRE-FEET



# Power Costs - Potable

	FY 2015	FY 2016	Budget to Budget Variance	
	Budget	Budget	\$	%
Administrative Buildings	\$ 189,600	\$ 225,700	\$ 36,100	19.0%
Potable Transmission	1,998,800	2,146,700	147,900	7.4%
<b>Total Potable Power Costs</b>	<b>\$ 2,188,400</b>	<b>\$ 2,372,400</b>	<b>\$ 184,000</b>	<b>8.4%</b>

## HISTORICAL POWER COSTS, IN THOUSANDS (\$)



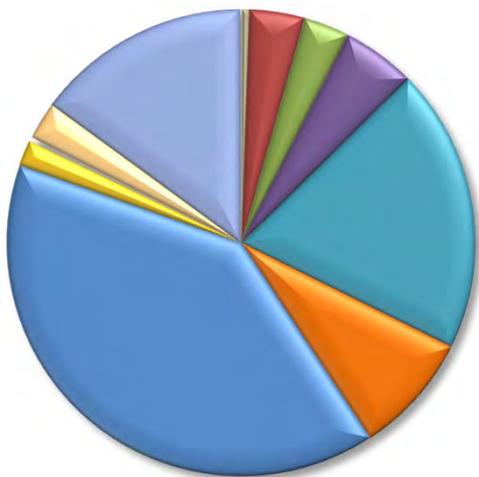
## HISTORICAL POWER COSTS

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
	Actual				Budget	Budget
Administrative Buildings	\$ 158,657	\$ 165,099	\$ 164,785	\$ 179,919	\$ 189,600	\$ 225,700
Potable Transmission	1,468,322	1,463,075	1,610,428	1,878,026	1,998,800	2,146,700
<b>Total Potable Power Costs</b>	<b>\$ 1,626,979</b>	<b>\$ 1,628,174</b>	<b>\$ 1,775,213</b>	<b>\$ 2,057,945</b>	<b>\$ 2,188,400</b>	<b>\$ 2,372,400</b>

# Administrative Expenditures - Potable

	FY 2014	FY 2015	FY 2016	Budget to Budget Variance	
	Actual	Budget	Budget	\$	%
<b>Administrative Expenditures</b>					
Directors' Fees	\$ 19,834	\$ 30,000	\$ 30,000	\$ -	-
Travel and Meetings	147,068	207,700	214,400	6,700	3.2%
Conservation and Outreach	136,743	174,900	176,900	2,000	1.1%
General Office Expense	258,732	280,800	284,700	3,900	1.4%
Equipment	942,826	1,133,300	1,106,500	(26,800)	(2.4%)
Fees	489,867	498,700	470,900	(27,800)	(5.6%)
Services	1,286,792	2,042,300	2,224,600	182,300	8.9%
Training	65,818	123,500	99,000	(24,500)	(19.8%)
Utilities	12,929	14,000	14,900	900	6.4%
Bad Debt Expense	149,213	\$ 148,000	148,000	-	0.0%
<b>Total</b>	<b>\$ 3,509,822</b>	<b>\$ 4,653,200</b>	<b>\$ 4,769,900</b>	<b>\$ 116,700</b>	<b>2.5%</b>
Less: Overhead Allocation	(737,254)	(767,100)	(740,700)	26,400	0.0%
Subtotal	\$ 2,772,568	\$ 3,886,100	\$ 4,029,200	\$ 143,100	3.7%
General Expenses	844,099	1,041,000	836,000	(205,000)	(19.7%)
<b>Total Expenditures</b>	<b>\$ 3,616,667</b>	<b>\$ 4,927,100</b>	<b>\$ 4,865,200</b>	<b>\$ (61,900)</b>	<b>(1.3%)</b>

## FY 2016 ADMINISTRATIVE EXPENDITURES - POTABLE

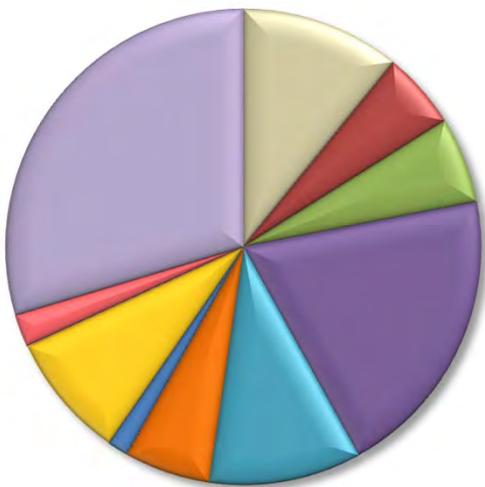


Directors' Fees	\$ 30,000	0.5%
Travel and Meetings	214,400	3.8%
Conservation and Outreach	176,900	3.2%
General Office Expense	284,700	5.1%
Equipment	1,106,500	19.7%
Fees	470,900	8.4%
Services	2,224,600	39.7%
Training	99,000	1.8%
Utilities	14,900	0.3%
Miscellaneous	148,000	2.6%
General Expenses	836,000	14.9%
<b>Subtotal</b>	<b>\$ 5,605,900</b>	<b>100.0%</b>
Less: Overhead Allocation	(740,700)	
<b>Total Administrative Expenses</b>	<b>\$ 4,865,200</b>	

# Materials and Maintenance Expenditures - Potable

	FY 2014	FY 2015	FY 2016	Budget to Budget Variance	
	Actual	Budget	Budget	\$	%
<b>Materials and Maintenance</b>					
Fuel and Oil	\$ 187,861	\$ 289,300	\$ 235,600	\$ (53,700)	(18.6%)
Meters and Materials	63,345	113,100	113,100	-	0.0%
Fleet Parts and Equipment	111,271	128,400	127,400	(1,000)	(0.8%)
Infrastructure Equipment & Supplies	358,877	367,900	433,500	65,600	17.8%
Chemicals	208,743	223,500	225,500	2,000	0.9%
Safety Equipment	31,888	41,300	126,300	85,000	205.8%
Laboratory Equipment and Supplies	35,057	35,000	31,000	(4,000)	(11.4%)
Other Materials and Supplies	126,227	126,300	185,200	58,900	46.6%
Building and Grounds Materials	55,608	46,500	47,900	1,400	3.0%
Contracted Services	475,764	550,500	642,800	92,300	16.8%
<b>Total Expenditures</b>	<b>\$ 1,654,641</b>	<b>\$ 1,921,800</b>	<b>\$ 2,168,300</b>	<b>\$ 246,500</b>	<b>12.8%</b>

## FY 2016 MATERIALS AND MAINTENANCE EXPENDITURES - POTABLE



Fuel and Oil	\$ 235,600	10.9%
Meters and Materials	113,100	5.2%
Fleet Parts and Equipment	127,400	5.9%
Infrastructure Equipment and Supplies	433,500	20.0%
Chemicals	225,500	10.4%
Safety Equipment	126,300	5.8%
Laboratory Equipment and Supplies	31,000	1.4%
Other Materials and Supplies	185,200	8.5%
Building and Grounds Materials	47,900	2.2%
Contracted Services	642,800	29.7%
<b>Total</b>	<b>\$ 2,168,300</b>	<b>100.0%</b>

# Operating Budget Summary - Recycled

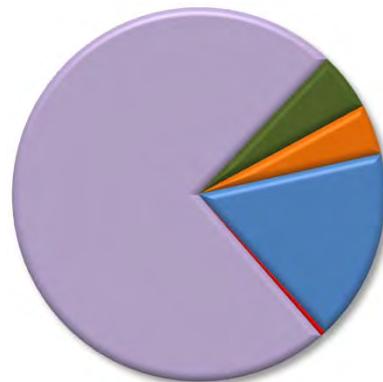
	FY 2014	FY 2015	FY 2016	Budget to Budget Variance	
	Actual	Budget	Budget	\$	%
<b>Revenues</b>					
Recycled Water Sales	\$ 10,014,767	\$ 8,826,600	\$ 9,111,200	\$ 284,600	3.2%
Meter Fees	962	400	400	-	0.0%
Interest	16,001	7,400	6,300	(1,100)	(14.9%)
General Fund Draw Down	61,600	-	-	-	0.0%
<b>Total Revenues</b>	<b>\$ 10,093,330</b>	<b>\$ 8,834,400</b>	<b>\$ 9,117,900</b>	<b>\$ 283,500</b>	<b>3.2%</b>
<b>Expenditures</b>					
Recycled Water Purchases	\$ 1,661,887	\$ 1,601,500	\$ 1,705,800	\$ 104,300	6.5%
Power	591,883	469,400	563,600	94,200	20.1%
Labor and Benefits	1,144,717	1,181,800	1,181,600	(200)	(0.0%)
Administrative Expenses	298,562	285,600	321,800	36,200	12.7%
Materials & Maintenance	282,827	295,900	287,800	(8,100)	(2.7%)
Subtotal - Operations Costs	\$ 3,979,876	\$ 3,834,200	\$ 4,060,600	\$ 226,400	5.9%
Expansion Reserve	10,000	2,538,900	2,691,000	152,100	6.0%
Betterment Reserve	125,000	725,000	1,945,000	1,220,000	168.3%
Replacement Reserve	4,230,000	1,679,000	328,000	(1,351,000)	(80.5%)
Transfer to OPEB	66,900	57,300	58,300	1,000	1.7%
Transfer to New Supply Fund	-	-	35,000	35,000	1.0
Subtotal - Reserve Funding	\$ 4,431,900	\$ 5,000,200	\$ 5,057,300	\$ 57,100	1.1%
<b>Total Expenditures</b>	<b>\$ 8,411,776</b>	<b>\$ 8,834,400</b>	<b>\$ 9,117,900</b>	<b>\$ 283,500</b>	<b>3.2%</b>
<b>Excess Revenue (Expenditures)</b>	<b>\$ 1,681,554</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	

# Classification of Water Sales - Recycled

	FY 2014	FY 2015	FY 2016	Budget to Budget Variance	
	Actual	Budget	Budget	\$	%
Water Sales	\$ 7,416,631	\$ 6,506,000	\$ 6,694,500	\$ 188,500	2.9%
System Fees	356,806	438,600	459,500	20,900	4.8%
Energy Fees	383,513	322,300	399,200	76,900	23.9%
MWD and CWA Rebates	1,828,134	1,522,800	1,522,900	100	0.0%
Penalties	29,682	36,900	35,100	(1,800)	-4.9%
<b>Total Recycled Water Sales</b>	<b>\$ 10,014,767</b>	<b>\$ 8,826,600</b>	<b>\$ 9,111,200</b>	<b>\$ 284,600</b>	<b>3.2%</b>

## FY 2016 CLASSIFICATION OF WATER SALES

Water Sales	6,694,500	73%
System Charges	459,500	5%
Energy Charges	399,200	4%
MWD and CWA Rebates	1,522,900	17%
Penalties	35,100	1%
<b>\$</b>	<b>9,111,200</b>	<b>100%</b>



**Water Rates:** Rates vary among classes of service and are charged per unit of water. A unit of water is equal to 100 cubic feet of water. On January 1, 2009, the District implemented a tiered rate structure for all customer types to encourage conservation and bring equity among the classes.

**System Fees:** Each water service customer pays a monthly system charge for water system replacement, maintenance, and operation expenses. The charge is based on the size of the meter.

**Energy Fees:** The energy pumping fee is \$ .072 per 100 cubic feet of water for each 100 feet of lift above the elevation of 450 feet. All water customers are in one of 29 zones based on elevation.

**MWD and CWA Rebates:** Incentive from MWD and CWA for providing recycled water. The District receives \$200 from CWA and \$185 from MWD for every acre-foot (AF) of recycled water sold.

**Penalties:** Charges and penalties are imposed on customer accounts for late payments and returned checks.

## Water Sales Summary by Meter Size - Recycled

	Water Rates		Fiscal Year 2016 Sales Budget		
	Current	Proposed*	Accounts	Units	Amount
<b>Recycled .75" and 1.0" Meter</b>			101	49,300	\$ 186,900
Tier I	\$ 3.73	\$ 3.80			
Tier II	3.79	3.86			
Tier III	3.84	3.91			
<b>Recycled 1.5" and 2.0" Meter</b>			591	1,253,400	4,751,000
Tier I	3.73	3.80			
Tier II	3.79	3.86			
Tier III	3.84	3.91			
<b>Recycled 3.0" and 4.0" Meter</b>			11	87,100	329,800
Tier I	3.73	3.80			
Tier II	3.79	3.86			
Tier III	3.84	3.91			
<b>Recycled more than 6.0" Meter</b>			1	281,300	1,073,200
Tier I	3.73	3.80			
Tier II	3.79	3.86			
Tier III	3.84	3.91			
<b>Recycled Commercial &lt;10" Meter</b>			1	37,900	104,700
Tier I	2.72	2.77			
Tier II	2.77	2.82			
Tier III	2.81	2.86			
<b>Recycled Commercial &gt;10" Meter</b>			1	14,100	39,100
Tier I	2.72	2.77			
Tier II	2.77	2.82			
Tier III	2.81	2.86			
<b>Total</b>			706	1,723,100	\$ 6,484,700
Government Fee	0.32	0.34	-	-	209,800
<b>Total Water Sales</b>			706	1,723,100	\$ 6,694,500

\*Proposed rates for water billed beginning in January 2016.

# Unit Sales History and Meter Count by Customer Class - Recycled

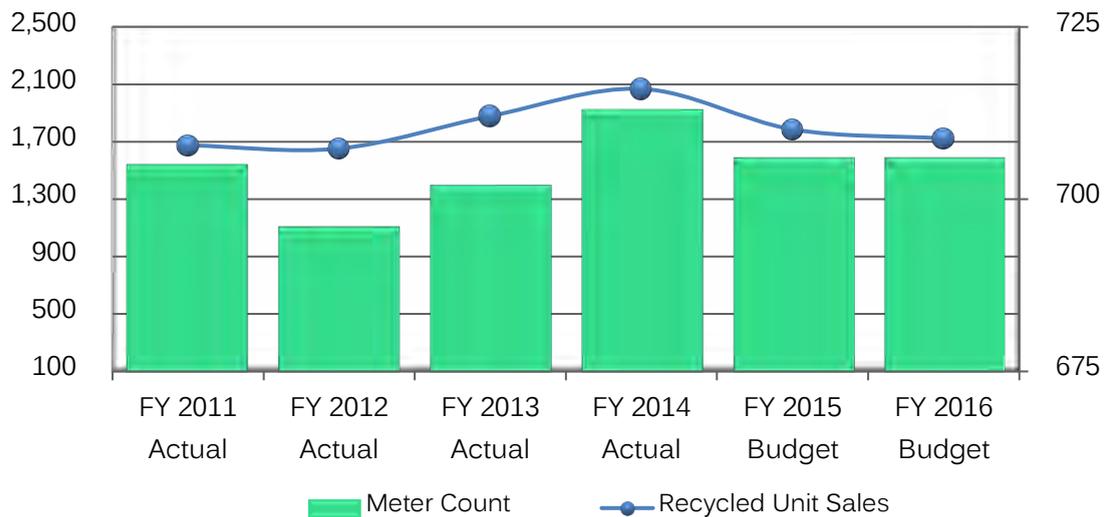
Unit Sales History (in hcf)

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
	Actual				Budget	Budget
Recycled .75" & 1.0" Meter	46,328	47,699	59,698	68,523	60,075	49,300
Recycled 1.5" & 2.0" Meter	1,220,953	1,201,012	1,366,238	1,474,879	1,333,479	1,253,400
Recycled 3.0" & 4.0" Meter	74,444	93,899	100,991	134,386	97,951	87,100
Recycled > 6.0" Meter	333,866	310,223	352,023	390,542	242,753	281,300
Recycled Commercial<10" Meter	-	-	-	-	37,850	37,900
Recycled Commercial>10" Meter	-	-	-	-	14,140	14,100
<b>Total Unit Sales</b>	<b>1,675,591</b>	<b>1,652,833</b>	<b>1,878,950</b>	<b>2,068,330</b>	<b>1,786,248</b>	<b>1,723,100</b>

Meter Count

	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
	Actual				Budget	Budget
Recycled .75" & 1.0" Meter	95	101	103	100	100	101
Recycled 1.5" & 2.0" Meter	576	581	587	588	591	591
Recycled 3.0" & 4.0" Meter	11	11	11	11	11	11
Recycled > 6.0" Meter	4	3	3	3	1	1
Recycled Commercial<10" Meter	-	-	-	-	1	1
Recycled Commercial>10" Meter	-	-	-	-	1	1
<b>Total Meter Count</b>	<b>686</b>	<b>696</b>	<b>704</b>	<b>702</b>	<b>705</b>	<b>706</b>

## UNIT SALES IN THOUSANDS (\$) AND METER COUNT TRENDS

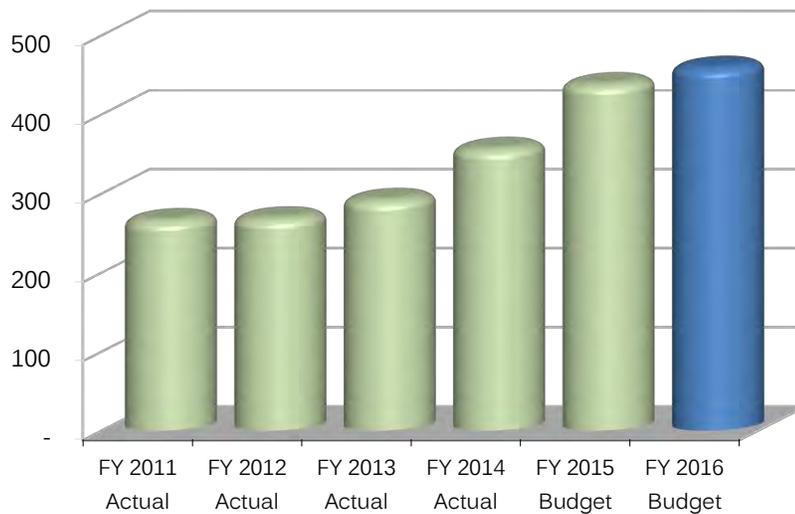


# System Fees - Recycled

Meter	Meter Count	Current	Proposed*	FY 2015	FY 2016	Budget to Budget Variance	
Size	Budget	Rates	Rates	Budget	Budget	\$	%
0.75	2	\$ 19.39	\$ 18.50	\$ 400	\$ 500	\$ 100	20%
1.00	99	27.39	26.14	30,200	31,800	1,600	5%
1.50	396	47.40	45.23	206,700	220,100	13,400	6%
2.00	195	71.39	68.13	153,300	163,200	9,900	6%
3.00	4	135.41	129.22	6,000	6,400	400	6%
4.00	7	207.43	197.95	18,300	17,000	(1,300)	-8%
6.00	2	407.50	388.88	13,500	9,600	(3,900)	-41%
8.00	-	647.56	617.97	-	-	-	0%
10.00	1	927.63	885.24	10,200	10,900	700	6%
<b>Total</b>	<b>706</b>			<b>\$ 438,600</b>	<b>\$ 459,500</b>	<b>\$ 20,900</b>	<b>5%</b>

\*Proposed rates for water billed beginning in January 2016.

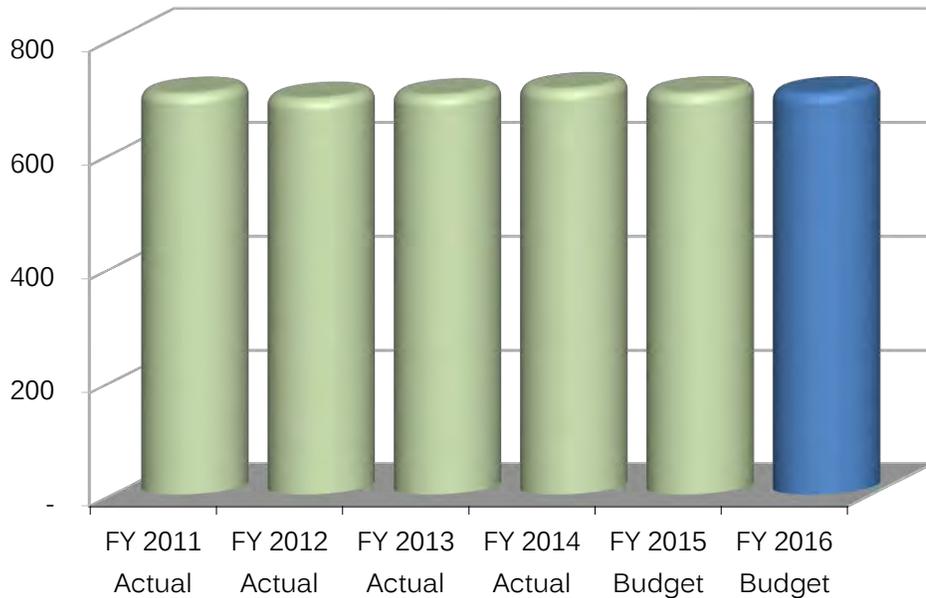
**HISTORICAL SYSTEM FEES, IN THOUSANDS (\$)**



# Meter Fees - Recycled

Meter Size	Meter Sales	Installation Fee	Meter Fee	Total Fees	Total Amount
0.75	-	\$ 102.56	\$ 216.13	\$ 318.69	\$ -
1.00	1	102.56	278.89	381.45	400
1.50	-	102.56	453.31	555.87	-
2.00	-	102.56	649.55	752.11	-
3.00	-	617.51	2,024.25	2,641.76	-
4.00	-	617.51	3,515.80	4,133.31	-
6.00	-	975.40	6,072.73	7,048.13	-
8.00	-	1,495.69	7,587.43	9,083.12	-
10.00	-	1,495.69	10,912.14	12,407.83	-
<b>Total</b>	<b>1</b>				<b>\$ 400</b>

**HISTORICAL METER COUNT**

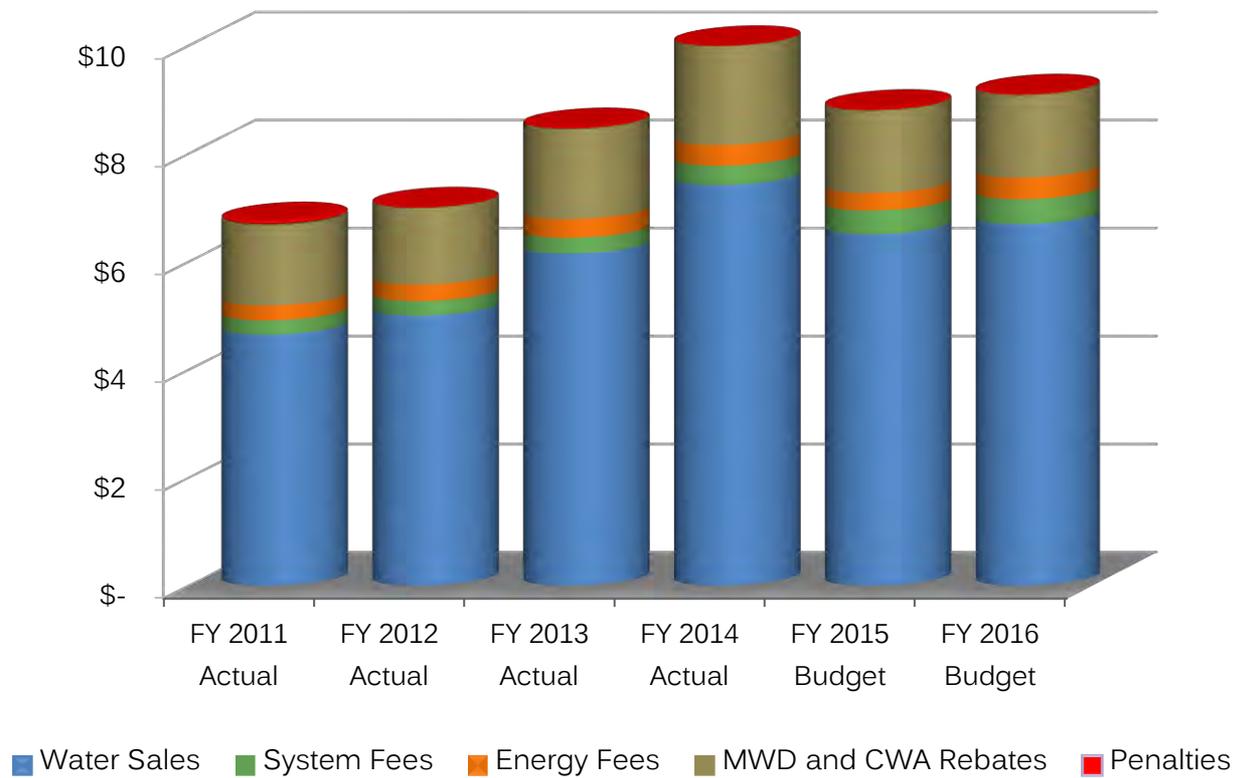


**Meter Fees:** Charges collected for new water service connections. Fees vary depending upon meter size and type of service. The costs associated with meter installations are included in the Operating Expenses section of the budget. These charges are funded by developers.

# Revenue History - Recycled

	Actual				Budgeted	Budgeted
	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
Water Sales	\$ 4,645,719	\$ 4,999,441	\$ 6,148,619	\$ 7,416,631	\$ 6,506,000	\$ 6,694,500
System Fees	266,547	268,937	292,201	356,806	438,600	459,500
Energy Fees	274,608	303,867	346,064	383,513	322,300	399,200
MWD and CWA Rebates	1,482,019	1,413,335	1,660,736	1,828,134	1,522,800	1,522,900
Penalties	93,146	33,323	40,867	29,682	36,900	35,100
<b>Total Recycled Revenue</b>	<b>\$ 6,762,039</b>	<b>\$ 7,018,903</b>	<b>\$ 8,488,487</b>	<b>\$ 10,014,767</b>	<b>\$ 8,826,600</b>	<b>\$ 9,111,200</b>

## REVENUE HISTORY - RECYCLED, IN MILLIONS (\$)

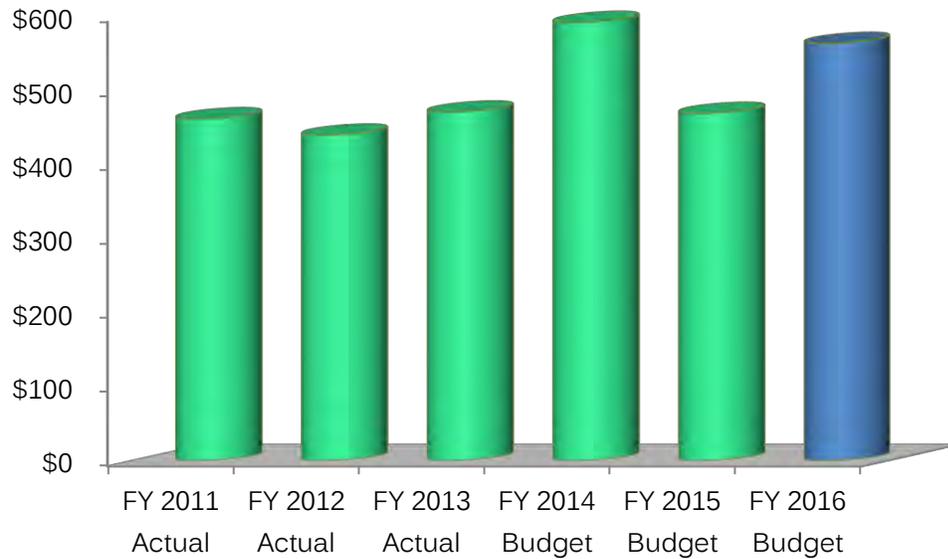




# Power Costs - Recycled

FY 2015	FY 2016	Budget to Budget Variance	
Budget	Budget	\$	%
\$ 469,400	\$ 563,600	\$ 94,200	20.1%

## HISTORICAL POWER COSTS, IN THOUSANDS (\$)



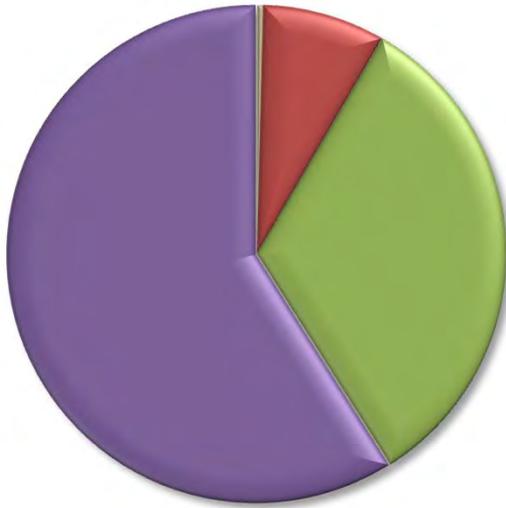
## HISTORICAL POWER COSTS

FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
Actual				Budget	Budget
\$ 462,031	\$ 440,069	\$ 471,139	\$ 591,883	\$ 469,400	\$ 563,600

# Administrative Expenditures - Recycled

	FY 2014	FY 2015	FY 2016	Budget to Budget Variance	
	Actual	Budget	Budget	\$	%
<b>Administrative Expenditures</b>					
Travel and Meetings	\$ 42	\$ -	-	\$ -	-
Equipment	327	1,300	1,300	-	-
Fees	27,046	24,000	25,600	1,600	6.7%
Services	70,021	65,100	105,200	40,100	61.6%
Total	\$ 97,436	\$ 90,400	\$ 132,100	\$ 41,700	46.1%
Add: Overhead Allocation	201,126	195,200	189,700	(5,500)	(2.8%)
<b>Total Expenditures</b>	<b>\$ 298,562</b>	<b>\$ 285,600</b>	<b>\$ 321,800</b>	<b>\$ 36,200</b>	<b>12.7%</b>

## FY 2016 ADMINISTRATIVE EXPENDITURES - RECYCLED

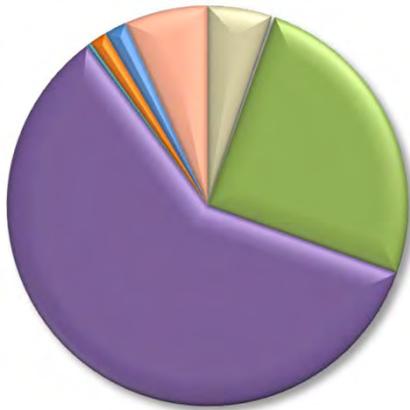


Equipment	\$ 1,300	0.4%
Fees	25,600	8.0%
Services	105,200	32.7%
Overhead Allocation	189,700	58.9%
	<b>\$ 321,800</b>	<b>100.0%</b>

# Materials and Maintenance Expenditures - Recycled

	FY 2014	FY 2015	FY 2016	Budget to Budget Variance	
	Actual	Budget	Budget	\$	%
<b>Materials and Maintenance</b>					
Fuel and Oil	\$ 11,336	\$ 15,000	\$ 15,000	\$ -	0.0%
Meters and Materials	2,793	700	700	-	0.0%
Infrastructure Equipment & Supplies	85,660	87,500	72,000	(15,500)	(17.7%)
Chemicals	160,146	169,100	170,600	1,500	0.9%
Safety Equipment	-	1,000	1,000	-	-
Laboratory Equipment and Supplies	3,945	4,000	4,000	-	-
Other Materials and Supplies	7,056	5,300	5,200	(100)	(1.9%)
Contracted Services	11,891	13,300	19,300	6,000	45.1%
<b>Total Expenditures</b>	<b>\$ 282,827</b>	<b>\$ 295,900</b>	<b>\$ 287,800</b>	<b>\$ (8,100)</b>	<b>(2.7%)</b>

## FY 2016 MATERIALS AND MAINTENANCE EXPENDITURES - RECYCLED



Fuel and Oil	\$ 15,000	5.2%
Meters and Materials	700	0.2%
Infrastructure Equipment & Supplies	72,000	25.0%
Chemicals	170,600	59.4%
Safety Equipment	1,000	0.3%
Laboratory Equipment and Supplies	4,000	1.4%
Other Materials and Supplies	5,200	1.8%
Contracted Services	19,300	6.7%
	<b>\$ 287,800</b>	<b>100.0%</b>

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# Operating Budget Summary - Sewer

	FY 2014	FY 2015	FY 2016	Budget to Budget Variance	
	Actual	Budget	Budget	\$	%
<b>Revenues</b>					
Sewer Revenues	\$ 2,757,867	\$ 3,007,700	\$ 3,206,300	\$ 198,600	6.6%
Capacity Fee Revenues	3,580	-	-	-	(100.0%)
Tax Revenues	44,321	51,600	51,600	-	0.0%
Non-operating Revenues	32,904	33,800	37,200	3,400	10.1%
Interest	8,172	4,600	8,200	3,600	78.3%
Transfer from Potable General Fund	-	553,800	-	(553,800)	(100.0%)
General Fund Draw Down	152,800	-	-	-	(100.0%)
<b>Total Revenues</b>	<b>\$ 2,999,644</b>	<b>\$ 3,651,500</b>	<b>\$ 3,303,300</b>	<b>\$ (348,200)</b>	<b>(9.5%)</b>
<b>Expenditures</b>					
Power	\$ 159,018	\$ 180,600	\$ 176,800	\$ (3,800)	(2.1%)
Labor and Benefits	764,245	902,300	681,300	(221,000)	(24.5%)
Administrative Expenses	170,165	206,500	200,800	(5,700)	(2.8%)
Materials & Maintenance	1,220,408	1,402,100	1,156,700	(245,400)	(17.5%)
Subtotal - Operations Costs	\$ 2,313,836	\$ 2,691,500	\$ 2,215,600	\$ (475,900)	(17.7%)
Betterment Reserve	-	-	455,000	455,000	100.0%
Replacement Reserve	-	916,200	599,100	(317,100)	(34.6%)
Transfer to OPEB	61,400	43,800	33,600	(10,200)	(23.3%)
Subtotal - Reserve Funding	\$ 61,400	\$ 960,000	\$ 1,087,700	\$ 127,700	13.3%
<b>Total Expenditures</b>	<b>\$ 2,375,236</b>	<b>\$ 3,651,500</b>	<b>\$ 3,303,300</b>	<b>\$ (348,200)</b>	<b>(9.5%)</b>
<b>Excess Revenues (Expenditures)</b>	<b>\$ 624,408</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	

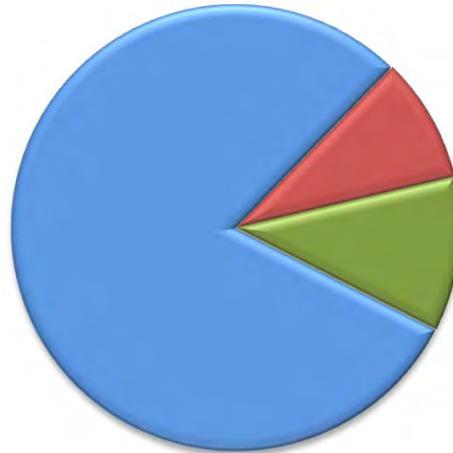
# Sewer Charges Summary by Service Class

	FY 2016	Usage Fee		FY 2015	FY 2016	Budget to Budget Variance	
	Accounts	Current	Proposed <sup>(1)</sup>	Budget	Budget	\$	%
Single-Family	4,545	\$ 2.46	\$ 2.46	\$ 1,572,800	\$ 1,672,800	\$ 100,000	6%
Multi-Family	50	2.46	2.46	187,700	190,100	2,400	1%
Commercial							
Low Strength	55	2.46	2.46	53,300	54,900	1,600	3%
Medium Strength	13	3.53	3.53	33,600	34,000	400	1%
High Strength	7	5.63	5.63	17,500	39,200	21,700	55%
Schools				109,900	96,700	(13,200)	-14%
Churches				8,500	9,900	1,400	14%
<b>Total Sewer Charges</b>	<u>4,670</u>			<u>\$ 1,983,300</u>	<u>\$ 2,097,600</u>	<u>\$ 114,300</u>	

<sup>(1)</sup> Proposed rates for sewer service beginning in January 2016.

## FY 2016 SEWER CHARGES BY SERVICE CLASS

Single-Family	\$ 1,672,800	80.0%
Multi-Family	190,100	9.0%
Commercial	234,700	11.0%
	<u>\$ 2,097,600</u>	<u>100.0%</u>



# Sewer Fixed Fee Summary by Meter Size

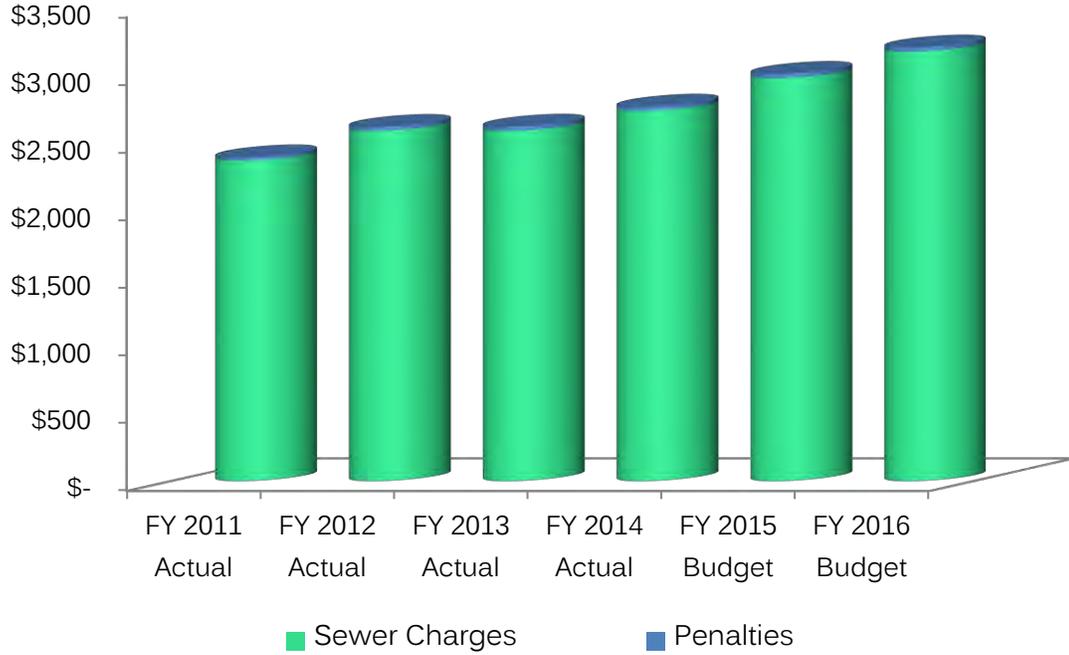
	FY 2016	Current	Proposed*	FY 2015	FY 2016	Budget to Budget Variance	
	Accounts	Rates	Rates	Budget	Budget	\$	%
Single-Family	4,545	\$ 15.89	\$ 17.19	\$ 824,900	\$ 901,800	\$ 76,900	8.5%
Non-Residential							
0.75	22	27.07	27.07	6,700	6,800	100	1.5%
1.00	5	39.89	39.89	2,800	2,800	-	0.0%
1.50	20	71.82	71.82	16,800	17,200	400	2.3%
2.00	63	110.17	110.17	81,400	83,400	2,000	2.4%
3.00	6	199.66	199.66	14,000	14,400	400	2.8%
4.00	6	327.51	327.51	23,000	23,600	600	2.5%
6.00	1	647.12	647.12	7,600	7,800	200	2.6%
8.00	-	1,030.67	1,030.67	-	-	-	
10.00	1	1,478.12	1,478.12	17,300	17,800	500	2.8%
<b>Total Sewer Fixed Fee</b>	<u>4,669</u>			<u>\$ 994,500</u>	<u>\$ 1,075,600</u>	<u>\$ 81,100</u>	

\* Proposed rates for sewer service beginning in January 2016. Proposed Residential rate includes \$1.30 re-capture rate.

# Revenue History - Sewer

	FY 2012	FY 2013	FY 2014	FY 2014	FY 2015	FY 2016
	Actual				Budget	Budget
Sewer Charges	\$ 2,363,313	\$ 2,368,192	\$ 2,588,991	\$ 2,736,867	\$ 2,977,900	\$ 3,173,000
Penalties	23,287	27,173	29,300	21,000	29,800	33,300
<b>Total</b>	<b>\$ 2,386,600</b>	<b>\$ 2,395,365</b>	<b>\$ 2,618,291</b>	<b>\$ 2,757,867</b>	<b>\$ 3,007,700</b>	<b>\$ 3,206,300</b>

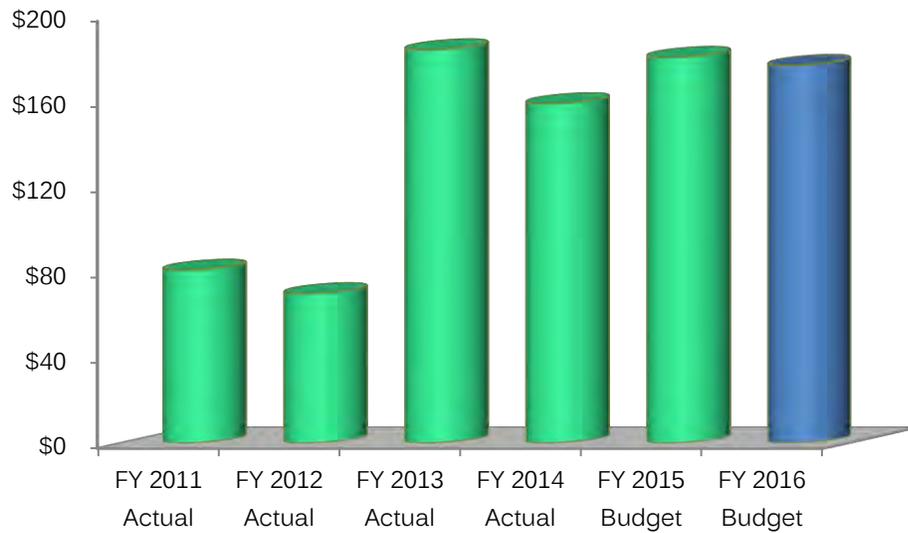
**REVENUE HISTORY - SEWER, IN THOUSANDS (\$)**



# Power Costs - Sewer

FY 2015	FY 2016	Budget to Budget Variance	
Budget	Budget	\$	%
\$ 180,600	\$ 176,800	\$ (3,800)	-2.1%

## HISTORICAL POWER COSTS, IN THOUSANDS (\$)



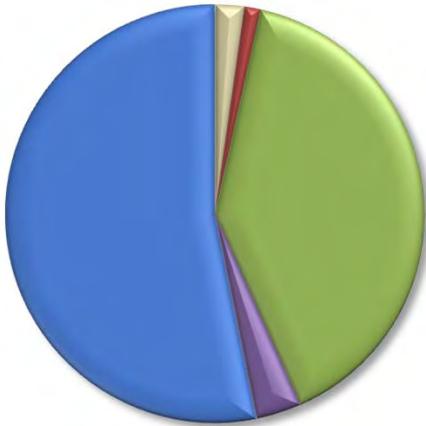
## HISTORICAL POWER COSTS

FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
Actual				Budget	Budget
\$ 81,347	\$ 70,431	\$ 184,108	\$ 159,018	\$ 180,600	\$ 176,800

# Administrative Expenditures - Sewer

	FY 2014	FY 2015	FY 2016	Budget to Budget Variance	
	Actual	Budget	Budget	\$	%
<b>Administrative Expenditures</b>					
Equipment	\$ -	5,000	4,500	\$ (500)	(10.0%)
Fees	292	2,000	2,500	500	25.0%
Services	30,664	44,900	80,000	35,100	78.2%
Bad Debt Expense	5,380	7,000	7,000	-	0.0%
<b>Total</b>	<b>\$ 36,336</b>	<b>\$ 58,900</b>	<b>\$ 94,000</b>	<b>\$ 35,100</b>	<b>59.6%</b>
Add: Overhead Allocation	133,829	147,600	106,800	(40,800)	(27.6%)
<b>Total Expenditures</b>	<b>\$ 170,165</b>	<b>\$ 206,500</b>	<b>\$ 200,800</b>	<b>\$ (5,700)</b>	<b>(2.8%)</b>

## FY 2016 ADMINISTRATIVE EXPENDITURES - SEWER

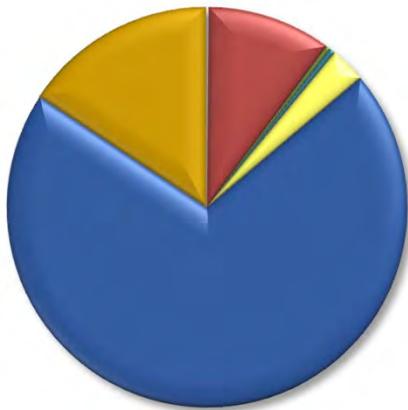


Equipment	\$ 4,500	2.2%
Fees	2,500	1.2%
Services	80,000	39.9%
Bad Debt Expense	7,000	3.5%
Overhead Allocation	106,800	53.2%
	<b>\$ 200,800</b>	<b>100.0%</b>

# Materials and Maintenance Expenditures - Sewer

	FY 2014	FY 2015	FY 2016	Budget to Budget Variance	
	Actual	Budget	Budget	\$	%
<b>Materials and Maintenance</b>					
Fleet Parts and Equipment	1,006	1,500	1,500	-	-
Infrastructure Equipment & Supplies	51,627	69,600	115,800	46,200	66.4%
Chemicals	3,705	4,500	4,500	-	-
Safety Equipment	77	1,900	-	(1,900)	(100.0%)
Laboratory Equipment and Supplies	4,936	5,000	5,000	-	-
Other Materials and Supplies	198	200	100	(100)	(50.0%)
Contracted Services	36,335	24,500	33,400	8,900	36.3%
Subtotal Materials and Maintenance	\$ 97,884	\$ 107,200	\$ 160,300	\$ 53,100	49.5%
<b>Sewer Charges</b>					
Metro O&M Costs	\$ 1,021,724	\$ 1,020,300	\$ 815,000	\$ (205,300)	(20.1%)
Spring Valley Sewer Charge	100,800	274,600	181,400	(93,200)	(33.9%)
Subtotal Sewer Charges	1,122,524	1,294,900	996,400	(298,500)	(23.1%)
<b>Total Expenditures</b>	<b>\$ 1,220,408</b>	<b>\$ 1,402,100</b>	<b>\$ 1,156,700</b>	<b>\$ (245,400)</b>	<b>(17.5%)</b>

## FY 2016 MATERIALS AND MAINTENANCE EXPENDITURES - SEWER



Fleet Parts and Equipment	\$ 1,500	0.1%
Infrastructure Equipment & Supplies	115,800	10.0%
Chemicals	4,500	0.4%
Laboratory Equipment & Supplies	5,000	0.4%
Other Materials and Supplies	100	0.0%
Contracted Services	33,400	2.9%
Metro O&M Costs	815,000	70.5%
Spring Valley Sewer Charge	181,400	15.7%
	<u>\$ 1,156,700</u>	<u>100.0%</u>

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## General Revenues

	FY 2014	FY 2015	FY 2016	Budget to Budget Variance	
	Actual	Budget	Budget	\$	%
<b>Fee Revenues</b>					
Capacity Fee Revenues	\$ 1,170,985	\$ 1,150,600	\$ 1,134,800	\$ (15,800)	(1.4%)
Betterment Fees for Maintenance	485,738	301,800	-	(301,800)	(100.0%)
<b>Subtotal Fee Revenues</b>	<b>1,656,723</b>	<b>1,452,400</b>	<b>1,134,800</b>	<b>(317,600)</b>	<b>(21.9%)</b>
<b>Tax Revenues</b>					
1% General Tax	2,894,402	3,077,900	3,213,000	135,100	4.4%
Availability Fees	729,961	685,800	684,900	(900)	(0.1%)
<b>Subtotal Tax Revenues</b>	<b>3,624,363</b>	<b>3,763,700</b>	<b>3,897,900</b>	<b>134,200</b>	<b>3.6%</b>
<b>General Revenues</b>	<b>\$ 5,281,086</b>	<b>\$ 5,216,100</b>	<b>\$ 5,032,700</b>	<b>\$ (183,400)</b>	<b>(3.5%)</b>

## Non-Operating Revenues

	FY 2014	FY 2015	FY 2016	Budget to Budget Variance	
	Actual	Budget	Budget	\$	%
Property Rental	\$ 1,317,736	\$ 1,302,500	\$ 1,269,800	(32,700)	(2.5%)
Sewer Billing Fees	372,473	372,400	375,500	3,100	0.8%
Set-up Fee for Lease Site	22,500	-	-	-	0.0%
Grants	40,867	-	-	-	0.0%
Revenue from Shared Facility	32,152	33,800	37,200	3,400	10.1%
Miscellaneous	271,791	239,100	191,100	(48,000)	(20.1%)
<b>Non-Operating Revenues</b>	<b>\$ 2,057,519</b>	<b>\$ 1,947,800</b>	<b>\$ 1,873,600</b>	<b>\$ (74,200)</b>	<b>(3.8%)</b>

## General and Non-Operating Revenues by Business

	FY 2016 Budget			
	Potable	Recycled	Sewer	Total
Capacity Fee Revenues	\$ 1,134,800	\$ -	\$ -	\$ 1,134,800
1% General Tax	3,213,000	-	-	3,213,000
Availability Fees	633,300	-	51,600	684,900
Property Rental	1,269,800	-	-	1,269,800
Sewer Billing Fees	375,500	-	-	375,500
Revenue from Shared Facility	-	-	37,200	37,200
Miscellaneous	191,100	-	-	191,100
<b>Total General and Non-Operating Revenues</b>	<b>\$ 6,817,500</b>	<b>\$ -</b>	<b>\$ 88,800</b>	<b>\$ 6,906,300</b>

**Note:** For General and Non-Operating Revenues, the Potable Fund serves as the District's General Fund for accounting purposes.

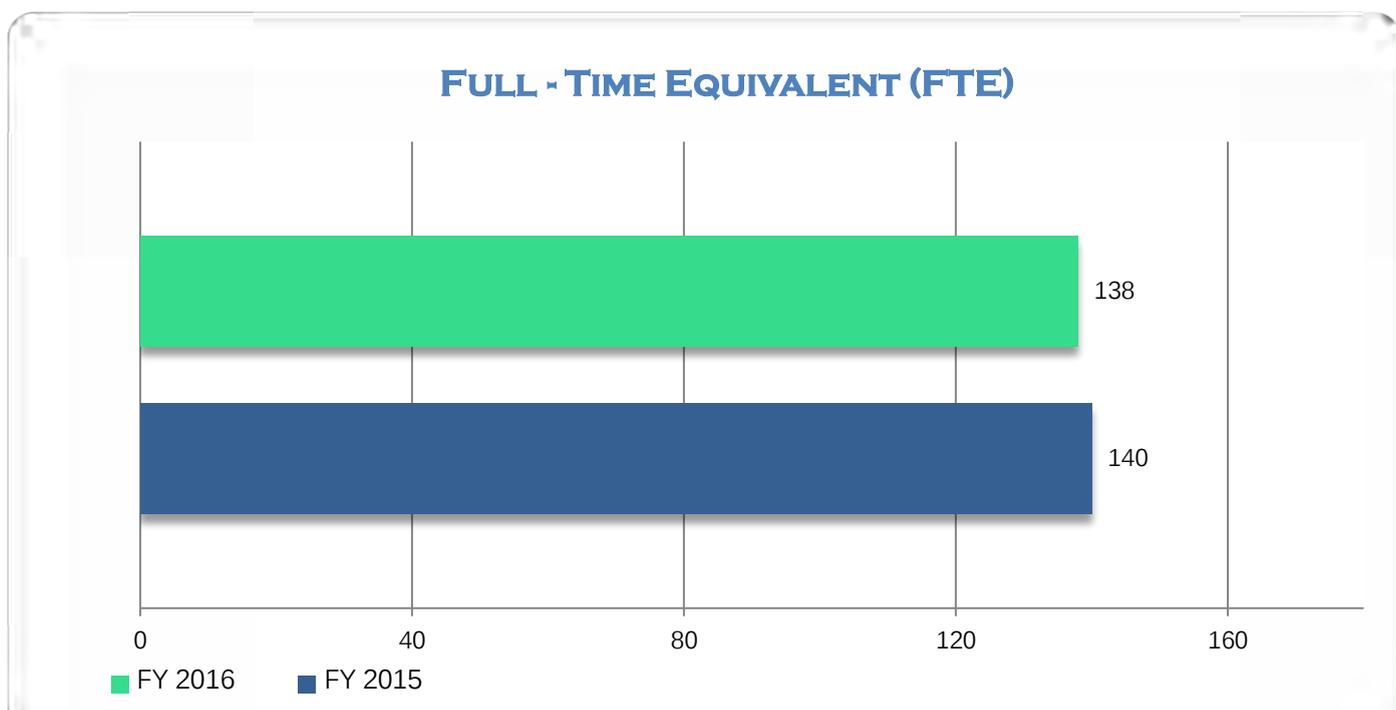
# General Expense

	FY 2014	FY 2015	FY 2016	Budget to Budget Variance	
	Actual	Budget	Budget	\$	%
Benefits					
Benefits <sup>(1)</sup>	1,367,499	\$ 1,290,800	\$ 1,183,400	(107,400)	(8.3%)
<b>Total Benefits</b>	<b>\$ 1,367,499</b>	<b>\$ 1,290,800</b>	<b>\$ 1,183,400</b>	<b>\$ (107,400)</b>	<b>(8.3%)</b>
Administrative Expenditures					
Legal Fees	\$ 280,069	\$ 410,000	\$ 250,000	\$ (160,000)	(39.0%)
General Insurance	549,869	631,000	\$ 586,000	(45,000)	(7.1%)
Fees	14,161	-	-	-	0.0%
Training	2,566	-	-	-	0.0%
<b>Total Administrative Expenditures</b>	<b>\$ 846,665</b>	<b>\$ 1,041,000</b>	<b>\$ 836,000</b>	<b>\$ (205,000)</b>	<b>(19.7%)</b>
<b>Total General Expense</b>	<b>\$ 2,214,164</b>	<b>\$ 2,331,800</b>	<b>\$ 2,019,400</b>	<b>\$ (312,400)</b>	<b>(13.4%)</b>

<sup>(1)</sup> Benefits include District-wide labor and benefit costs not attributable to any one department, such as the effect of cost of living raises on accrued leave liabilities or the Other Post Employment Benefit (OPEB) costs. These costs are netted against the District's anticipated Vacancy Factor. The Vacancy Factor for FY 2015 and FY 2016 is \$185,600 and \$338,300, respectively. Additionally, the labor and benefits shown on this schedule are those related to operating costs and does not include CIP labor and benefit costs.

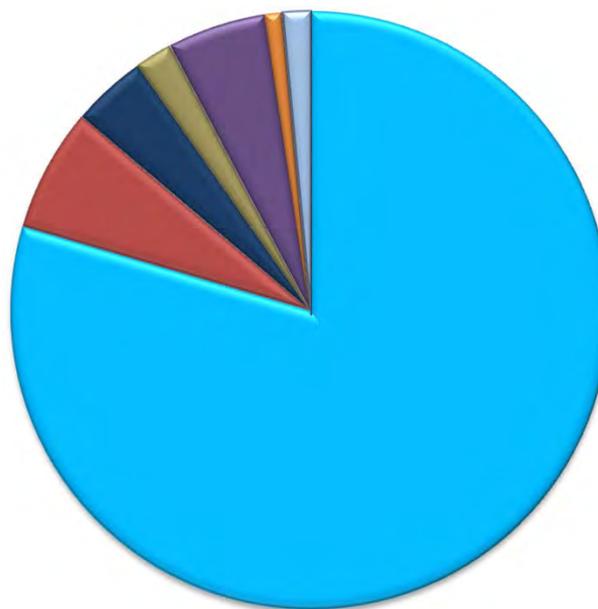
# Labor and Benefits

	FY 2015	FY 2016	Budget to Budget Variance	
	Budget	Budget	\$	%
<b>Labor Costs</b>	\$ 11,337,400	\$ 11,487,900	\$ 150,500	1.3%
<b>Benefits</b>				
Pension	3,596,600	3,885,300	288,700	8.0%
Employee Assistance Program	4,000	4,000	-	0.0%
Workers' Compensation	267,300	260,000	(7,300)	-2.7%
Health/Dental/Life Insurance/OPEB	3,825,600	4,012,200	186,600	4.9%
Social Security/Medicare	945,200	948,200	3,000	0.3%
Salary Continuation Insurance	65,000	67,800	2,800	4.3%
State Unemployment Insurance	60,000	30,000	(30,000)	-50.0%
Vacation/Sick/Holiday/Other Leave	2,103,800	2,195,300	91,500	4.3%
<b>Total Benefits</b>	<b>10,867,500</b>	<b>11,402,800</b>	<b>535,300</b>	<b>4.9%</b>
<b>Total Labor and Benefits</b>	<b>22,204,900</b>	<b>22,890,700</b>	<b>685,800</b>	<b>3.1%</b>
<b>Less: Non-Operating Labor and Benefits</b>				
Labor Costs	1,001,100	1,048,100	47,000	4.7%
Benefits Allocation	729,200	700,500	(28,700)	-3.9%
<b>Total Non-Operating Labor and Benefits</b>	<b>1,730,300</b>	<b>1,748,600</b>	<b>18,300</b>	<b>1.1%</b>
<b>Operating Labor &amp; Benefits</b>	<b>20,474,600</b>	<b>21,142,100</b>	<b>667,500</b>	<b>3.3%</b>
Total Overhead Allocation	1,151,300	1,205,300	54,000	4.7%
Less: Overhead Allocation Personnel Portion	727,000	761,100	34,100	4.7%
<b>Admin Portion of Overhead (36.85%)</b>	<b>424,300</b>	<b>444,200</b>	<b>19,900</b>	<b>4.7%</b>
<b>Net Operating Labor and Benefits</b>	<b>\$ 19,747,600</b>	<b>\$ 20,381,000</b>	<b>\$ 633,400</b>	<b>3.2%</b>



# Labor and Benefits by Fund - Fiscal Year 2016

	Potable	Sewer	Recycled	Developer Reimbursed-CIP	Total
Operating Labor Costs	\$ 9,740,000	\$ 252,100	\$ 447,700	\$ -	\$ 10,439,800
Benefits	10,047,500	246,100	408,700	-	10,702,300
Overhead Allocation-Personnel	(1,269,300)	183,100	325,100	-	(761,100)
<b>Total Operating Labor and Benefits</b>	<b>18,518,200</b>	<b>681,300</b>	<b>1,181,500</b>	<b>-</b>	<b>20,381,000</b>
CIP Labor Costs	561,000	152,200	138,000	196,900	1,048,100
Benefits	371,800	95,400	91,500	141,800	700,500
Overhead Allocation-Personnel	407,400	110,500	100,200	143,000	761,100
<b>Total CIP Labor and Benefits</b>	<b>1,340,200</b>	<b>358,100</b>	<b>329,700</b>	<b>481,700</b>	<b>2,509,700</b>
<b>Total Labor and Benefits</b>	<b>\$ 19,858,400</b>	<b>\$ 1,039,400</b>	<b>\$ 1,511,200</b>	<b>\$ 481,700</b>	<b>\$ 22,890,700</b>



Potable-Operating	\$ 18,518,200	80.9%
Potable-CIP	1,340,200	5.8%
Sewer-Operating	681,300	3.0%
Sewer-CIP	358,100	1.6%
Recycle-Operating	1,181,500	5.2%
Recycle-CIP	329,700	1.4%
Develeper Reimbursed-CIP	481,700	2.1%
	<b>\$ 22,890,700</b>	<b>100.0%</b>

# Position Count by Department

	FY 2014	FY 2015	FY 2016
<b><u>GENERAL MANAGER:</u></b>			
General Manager	1	1	1
Assistant General Manager	1	1	1
District Secretary	1	1	1
Sr. Confidential Executive Secretary	1	1	1
Communications Officer	1	1	1
General Manager	5	5	5
<b>Total - General Manager Department</b>	<b>5</b>	<b>5</b>	<b>5</b>
<b>FTE</b>	<b>5</b>	<b>5</b>	<b>5</b>
<b><u>ADMINISTRATIVE SERVICES:</u></b>			
Chief, Administrative Services	1	1	0
Assistant Chief, Administrative Services	0	0	1
Confidential Executive Secretary	1	1	1
Confidential Secretary	1	1	1
Administrative Services	3	3	3
<b><u>HUMAN RESOURCES:</u></b>			
Human Resources Manager	1	1	1
Senior Human Resources Analyst	1	1	1
Human Resources Analyst	1	1	1
Human Resources Technician	1	0	0
Human Resources	4	3	3
<b><u>PURCHASING:</u></b>			
Purchasing and Facilities Manager	1	1	1
Senior Buyer	1	1	1
Assistant Buyer	1	1	1
Lead Warehouse/Facilities Worker	1	1	0
Warehouse/Delivery Worker	1	1	1
Facilities Maintenance Technician	2	2	2
Purchasing	7	7	6
<b><u>SAFETY:</u></b>			
Safety & Security Specialist	1	1	1
Safety	1	1	1
<b><u>CONSERVATION:</u> <sup>(1)</sup></b>			
Sr. Water Conservation Specialist	1	0	0
Conservation	1	0	0
<b>Total Administrative Services Department</b>	<b>16</b>	<b>14</b>	<b>13</b>
<b>FTE</b>	<b>16</b>	<b>14</b>	<b>13</b>

<sup>(1)</sup> Conservation was moved from Administrative Services to Finance.

# Position Count by Department

	FY 2014	FY 2015	FY 2016
<b><u>CONTROLLER AND BUDGETARY SERVICES:</u></b>			
Chief Financial Officer	1	1	1
Executive Secretary	1	1	1
Secretary	1	1	1
Finance Manager, Controller and Budget	1	1	1
Senior Accountant	2	2	2
Accountant	1	1	1
Accounting Technician	1	1	1
Controller and Budgetary Services	8	8	8
<b><u>TREASURY AND ACCOUNTING SERVICES:</u></b>			
Finance Manager, Treasury and Accounting	1	1	1
Senior Accountant	2	2	2
Accountant	2	2	2
Accounting Technician	1	1	1
Treasury and Accounting Services	6	6	6
<b><u>CUSTOMER SERVICE:</u></b>			
Customer Service Manager	2	2	2
Lead Customer Service Representative	2	2	2
Customer Service Representative I, II, III	7	7	6
Lead Customer Service Field Representative	1	1	1
Customer Service Field Representative I and II	3	3	2
Customer Service	15	15	13
<b><u>CONSERVATION:</u></b> <sup>(1)</sup>			
Sr. Water Conservation Specialist	0	1	1
Conservation	0	1	1
<b><u>METER MAINTENANCE:</u></b> <sup>(2)</sup>			
Lead Cross Connection/Meter Maintenance Worker	0	1	1
Meter Maintenance Worker I & II	0	3	3
Meter Maintenance	0	4	4
<b>Total Finance Department</b>	<b>29</b>	<b>34</b>	<b>32</b>
<b>FTE</b>	<b>29</b>	<b>34</b>	<b>32</b>

<sup>(1)</sup> Conservation was moved from Administrative Services to Finance.

<sup>(2)</sup> Meter Maintenance was moved from Operations to Finance.

# Position Count by Department

	FY 2014	FY 2015	FY 2016
<b><u>INFORMATION TECHNOLOGY (IT) AND STRATEGIC PLANNING:</u></b>			
Chief Information Officer	1	1	1
IT Manager	1	1	1
GIS Manager	1	1	1
GIS Programmer/Analyst	1	1	1
GIS Analyst	1	1	1
GIS Technician	1	1	1
Network Engineer	1	1	1
Database Administrator	1	1	1
Data Systems Technician	0	0	1
Lead Business System Analyst	1	1	0
System Support Analyst	0	0	1
Business System Analyst I and II	2	2	2
Network Analyst	1	1	1
<b>Total</b>	<b>12</b>	<b>12</b>	<b>13</b>
<b>Total IT and Strategic Planning Department</b>	<b>12</b>	<b>12</b>	<b>13</b>
<b>FTE</b>	<b>12</b>	<b>12</b>	<b>13</b>
<b><u>OPERATIONS MANAGEMENT:</u></b>			
Chief, Water Operations	1	1	1
Assistant Chief, Water Operations	0	0	1
Executive Secretary	1	1	1
Operations Management	2	2	3
<b><u>WATER SYSTEM OPERATIONS:</u></b>			
System Operations Manager	1	1	1
Water Systems Supervisor	1	1	1
Recycled Water Systems Supervisor	1	1	1
Lead Water Systems Operator	2	2	2
Water Systems Operator I, II, and III	9	9	8
Valve Maintenance Worker	1	1	0
Sr. Disinfection Technician	2	2	2
Recycled Water Distribution Operator	4	4	4
Lead Cross Connection/Meter Maintenance Worker <sup>(2)</sup>	1	0	0
Meter Maintenance Worker I & II <sup>(2)</sup>	4	0	0
Water System Operations	26	21	19
<b><u>UTILITY MAINTENANCE/CONSTRUCTION:</u></b>			
Utility Services Manager	1	1	0
Utility Maintenance Supervisor	2	2	2
Utility Crew Leader	3	3	3
Utility Workers I and II	8	8	8
Senior Utility/Equipment Operator	3	3	3
Valve Maintenance Worker	0	0	2
Pump Electrical Supervisor	1	1	1

<sup>(2)</sup> Meter Maintenance was moved from Operations to Finance.

# Position Count by Department

	FY 2014	FY 2015	FY 2016
<b><u>UTILITY MAINTENANCE/CONSTRUCTION (CONTINUED):</u></b>			
Electrician I and II	2	2	2
Pump Mechanic I and II	2	2	2
Fleet Maintenance Supervisor	1	1	1
Equipment Mechanic I and II	3	3	3
Utility Maintenance/Construction	26	26	27
<b><u>COLLECTION/TREATMENT/RECLAMATION OPERATIONS:</u></b>			
Reclamation Plant Supervisor	1	1	1
Lead Reclamation Plant Operator	1	1	1
Reclamation Plant Operator I, II, III	2	2	2
Senior SCADA Instrumentation Technician	1	1	2
SCADA Instrumentation Technician	1	1	0
Laboratory Analyst	1	1	1
Collection/Treatment/Reclamation Operations	7	7	7
<b>Total Operations Department</b>	<b>61</b>	<b>56</b>	<b>56</b>
<b>FTE</b>	<b>61</b>	<b>56</b>	<b>56</b>
<b><u>ENGINEERING MANAGEMENT:</u></b>			
Chief, Engineering	1	1	1
Executive Secretary	1	1	1
Secretary	1	1	1
Engineering Management	3	3	3
<b><u>ENGINEERING:</u></b>			
Engineering Manager	2	2	2
Senior Civil Engineer	2	2	2
Construction Management Specialist	1	0	0
Associate Civil Engineer	0	0	1
Assistant Civil Engineer I and II	1	1	0
Environmental Compliance Specialist	1	1	1
Permit Technicians	2	2	2
Senior Engineering Technician	2	2	2
Field Services Manager	0	0	1
Inspection Supervisor	1	1	0
Lead Construction Inspector	0	0	1
Construction Inspectors I and II	3	3	2
Supervising Land Surveyor	1	1	1
Assistant Survey Technician	1	1	1
Engineering	17	16	16
<b>Total Engineering Department</b>	<b>20</b>	<b>19</b>	<b>19</b>
<b>FTE</b>	<b>20</b>	<b>19</b>	<b>19</b>
<b>District Total Position Count</b>	<b>143</b>	<b>140</b>	<b>138</b>
<b>FTE</b>	<b>143</b>	<b>140</b>	<b>138</b>

# Position Count by Department

	FY 2014	FY 2015	FY 2016
<b><u>CONTRACT / TEMPORARY EMPLOYEES</u></b>			
Water Conservation Technician	1	0	0
Senior Civil Engineer	0	1	0
<b>Total Contract/Temporary Employees</b>	<b>1</b>	<b>1</b>	<b>0</b>

## FY 2016 POSITION COUNT BY DEPARTMENT



General Manager	5	4%
Administrative Services	13	9%
Finance	32	23%
IT and Strategic Planning	13	9%
Operations	56	41%
Engineering	19	14%
<b>Total</b>	<b>138</b>	<b>100%</b>

# Operating Expenditures by Department

	FY 2014	FY 2015	FY 2016	Budget to Budget
	Actual	Budget	Budget	Variance
<b>Departmental Expenditures</b>				
Board of Directors	\$ 100,367	\$ 115,100	\$ 107,100	\$ (8,000)
General Manager	1,353,831	1,562,300	1,605,900	43,600
General Expense	2,214,164	2,331,800	2,019,400	(312,400)
Administrative Services	2,915,571	2,995,600	3,070,500	74,900
Finance	5,463,210	5,816,700	6,128,400	311,700
IT and Strategic Planning	3,021,303	3,373,800	3,610,600	236,800
Water Operations	10,314,869	11,384,100	11,663,400	279,300
Engineering	\$ 1,827,709	\$ 2,358,500	\$ 2,381,600	23,100
Total Departmental Expenditures	\$ 27,211,024	\$ 29,937,900	\$ 30,586,900	\$ 649,000
Less: Overhead Allocation	(1,091,721)	(1,151,300)	(1,205,300)	(54,000)
<b>Net Departmental Expenditures</b>	<b>\$ 26,119,303</b>	<b>\$ 28,786,600</b>	<b>\$ 29,381,600</b>	<b>\$ 595,000</b>
<b>Non-Departmental Expenditures</b>				
Water Purchases	\$ 48,209,099	\$ 47,059,200	\$ 45,984,500	\$ (1,074,700)
Power	2,808,846	2,838,400	3,112,800	274,400
Expansion Reserve	-	2,538,900	2,691,000	152,100
Betterment Reserve	125,000	3,530,000	2,400,000	(1,130,000)
Replacement Reserve	4,230,000	3,270,200	3,278,400	8,200
Transfer to Sewer General Fund	152,800	553,800	-	(553,800)
Transfer to General Fund Reserve	1,913,000	1,583,800	-	(1,583,800)
Transfer to Sewer Replacement	-	127,000	1,199,300	1,072,300
Transfer to OPEB	1,242,900	647,100	1,006,000	358,900
Transfer to New Supply Reserve	-	705,000	35,000	(670,000)
Total Non-Departmental Expenditures	\$ 58,681,645	\$ 62,853,400	\$ 59,707,000	\$ (3,146,400)
<b>Total Operating Expenditures</b>	<b>\$ 84,800,948</b>	<b>\$ 91,640,000</b>	<b>\$ 89,088,600</b>	<b>\$ (2,551,400)</b>

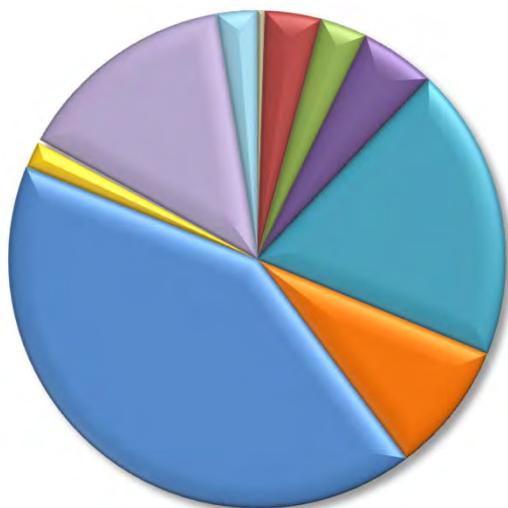
# Operating Expenditures by Object

	FY 2014	FY 2015	FY 2016	Budget to Budget
	Actual	Budget	Budget	Variance
<b>Departmental Expenditures</b>				
Labor and Benefits	\$ 19,565,455	\$ 20,474,600	\$ 21,142,100	\$ 667,500
Director's Fees	19,834	30,000	30,000	-
Travel and Meetings	147,110	207,700	214,400	6,700
Conservation and Outreach	136,743	174,900	176,900	2,000
General Office Expense	258,732	280,800	284,700	3,900
Equipment	943,153	1,139,600	1,112,300	(27,300)
Fees	1,361,304	1,565,700	1,335,000	(230,700)
Services	1,387,477	2,152,300	2,409,800	257,500
Training	65,818	123,500	99,000	(24,500)
Materials & Maintenance	2,035,352	2,324,900	2,616,400	291,500
Power and Utilities	12,929	14,000	14,900	900
Sewer Charges	1,122,524	1,294,900	996,400	(298,500)
Bad Debt Expense	154,593	155,000	155,000	-
Total Departmental Expenditures	\$ 27,211,024	\$ 29,937,900	\$ 30,586,900	\$ 649,000
Less: Overhead Allocation	(1,091,721)	(1,151,300)	(1,205,300)	(54,000)
<b>Net Departmental Expenditures</b>	<b>\$ 26,119,303</b>	<b>\$ 28,786,600</b>	<b>\$ 29,381,600</b>	<b>\$ 595,000</b>
<b>Non-Departmental Expenditures</b>				
Water Purchases	\$ 48,209,099	\$ 47,059,200	\$ 45,984,500	\$ (1,074,700)
Power	2,808,846	2,838,400	3,112,800	274,400
Expansion Reserve	-	2,538,900	2,691,000	152,100
Betterment Reserve	125,000	3,530,000	2,400,000	(1,130,000)
Replacement Reserve	4,230,000	3,270,200	3,278,400	8,200
Transfer to Sewer General Fund	152,800	553,800	-	(553,800)
Transfer to General Fund Reserve	1,913,000	1,583,800	-	(1,583,800)
Transfer to Sewer Replacement	-	127,000	1,199,300	1,072,300
Transfer to OPEB	1,242,900	647,100	1,006,000	358,900
Transfer to New Supply Fund	-	705,000	35,000	(670,000)
Total Non-Departmental Expenditures	\$ 58,681,645	\$ 62,853,400	\$ 59,707,000	\$ (3,146,400)
<b>Total Operating Expenditures</b>	<b>\$ 84,800,948</b>	<b>\$ 91,640,000</b>	<b>\$ 89,088,600</b>	<b>\$ (2,551,400)</b>

# Administrative Expenditures - Total

	FY 2014	FY 2015	FY 2016	Budget to Budget Variance	
	Actual	Budget	Budget	\$	%
<b>Administrative Expenditures</b>					
Directors' Fees	\$ 19,834	\$ 30,000	\$ 30,000	\$ -	-
Travel and Meetings	147,110	207,700	214,400	6,700	3.2%
Conservation and Outreach	136,743	174,900	176,900	2,000	1.1%
General Office Expense	258,732	280,800	284,700	3,900	1.4%
Equipment	943,153	1,139,600	1,112,300	(27,300)	(2.4%)
Fees	517,205	524,700	499,000	(25,700)	(4.9%)
Services	1,387,477	2,152,300	2,409,800	257,500	12.0%
Training	65,818	123,500	99,000	(24,500)	(19.8%)
Utilities	12,929	14,000	14,900	900	6.4%
Bad Debt Expense	154,593	155,000	155,000	-	0.0%
<b>Total</b>	<b>3,643,594</b>	<b>4,802,500</b>	<b>4,996,000</b>	<b>193,500</b>	<b>3.0%</b>
Less: Overhead Allocation	(402,299)	(424,300)	(444,200)	(19,900)	-
Subtotal	3,241,295	4,378,200	4,551,800	173,600	4.0%
General Expenses	844,099	1,041,000	836,000	(205,000)	(19.7%)
<b>Total Expenditures</b>	<b>\$ 4,085,394</b>	<b>\$ 5,419,200</b>	<b>\$ 5,387,800</b>	<b>\$ (31,400)</b>	<b>(0.6%)</b>

## FY 2016 TOTAL ADMINISTRATIVE EXPENDITURES, IN THOUSANDS (\$)

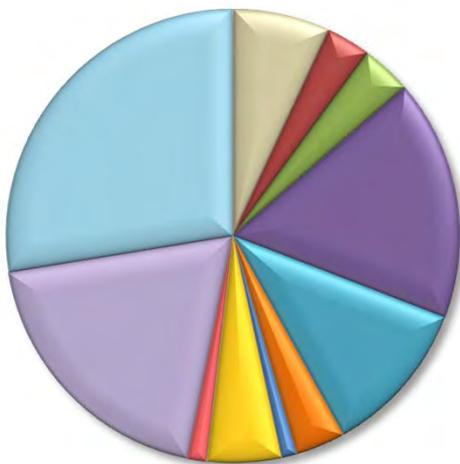


Directors' Fees	\$ 30,000	0.5%
Travel and Meetings	214,400	3.7%
Conservation & Outreach	176,900	3.0%
General Office Expense	284,700	4.9%
Equipment	1,112,300	19.1%
Fees	499,000	8.6%
Services	2,409,800	41.3%
Training	99,000	1.7%
Utilities	14,900	0.3%
General Expense	836,000	14.3%
Bad Debt Expense	155,000	2.6%
	<u>5,832,000</u>	<u>100.0%</u>
Less: Overhead Allocation	(444,200)	
<b>Total Administrative Expenses</b>	<u><u>\$ 5,387,800</u></u>	

# Materials and Maintenance Expenditures - Total

	FY 2014	FY 2015	FY 2016	Budget to Budget Variance	
	Actual	Budget	Budget	\$	%
<b>Materials and Maintenance</b>					
Fuel and Oil	\$ 199,197	\$ 304,300	\$ 250,600	\$ (53,700)	(17.6%)
Meters and Materials	66,138	113,800	113,800	-	0.0%
Fleet Parts and Equipment	112,277	129,900	128,900	(1,000)	(0.8%)
Infrastructure Equipment & Supplies	496,164	525,000	621,300	96,300	18.3%
Chemicals	372,594	397,100	400,600	3,500	0.9%
Safety Equipment	31,965	44,200	127,300	83,100	188.0%
Laboratory Equipment and Supplies	43,938	44,000	40,000	(4,000)	(9.1%)
Other Materials and Supplies	133,481	131,800	190,500	58,700	44.5%
Building and Grounds Materials	55,608	46,500	47,900	1,400	3.0%
Contracted Services	523,990	588,300	695,500	107,200	18.2%
Subtotal Materials and Maintenance	\$ 2,035,352	\$ 2,324,900	\$ 2,616,400	\$ 291,500	12.5%
<b>Sewer Charges</b>					
Metro O&M Costs	\$ 1,021,724	\$ 1,020,300	815,000	\$ (205,300)	(20.1%)
Spring Valley Sewer Charge	100,800	274,600	181,400	(93,200)	(33.9%)
Subtotal Sewer Charges	\$ 1,122,524	\$ 1,294,900	\$ 996,400	\$ (298,500)	(23.1%)
<b>Total Expenditures</b>	<b>\$ 3,157,876</b>	<b>\$ 3,619,800</b>	<b>\$ 3,612,800</b>	<b>\$ (7,000)</b>	<b>(0.2%)</b>

## FY 2016 MATERIALS AND MAINTENANCE EXPENDITURES



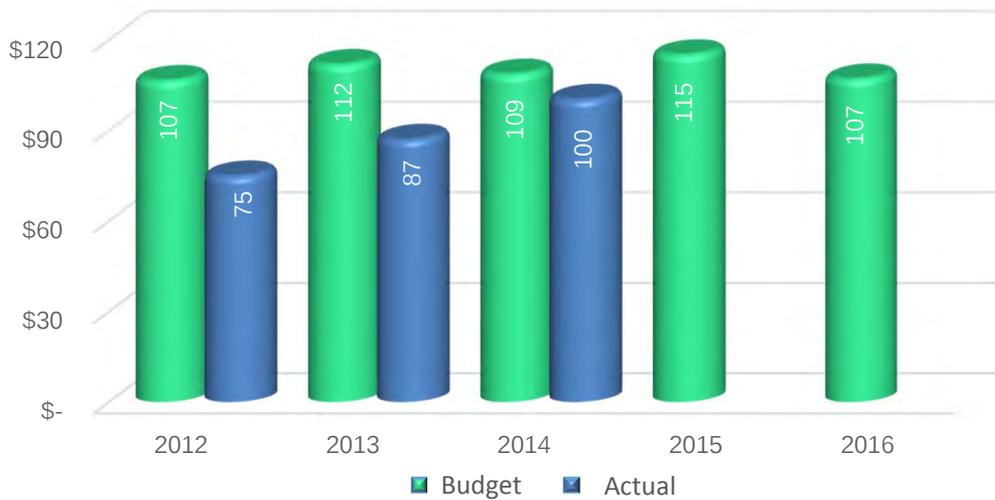
Fuel and Oil	\$ 250,600	6.9%
Meters and Materials	113,800	3.1%
Fleet Parts and Equipment	128,900	3.6%
Infrastructure Equipment and Supplies	621,300	17.2%
Chemicals	400,600	11.1%
Safety Equipment	127,300	3.5%
Laboratory Equipment and Supplies	40,000	1.1%
Other Materials and Supplies	190,500	5.3%
Building and Grounds Materials	47,900	1.3%
Contracted Services	695,500	19.3%
Sewer Charges	996,400	27.6%
<b>Total</b>	<b>\$ 3,612,800</b>	<b>100.0%</b>

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# Board of Directors

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Benefits	\$ 71,935	\$ 68,500	\$ 61,600
Director's Fees	19,834	30,000	30,000
Travel and Meetings	7,798	16,600	15,500
Training	800	-	-
<b>Total</b>	<b>\$ 100,367</b>	<b>\$ 115,100</b>	<b>\$ 107,100</b>

**BUDGET VS. ACTUAL, IN THOUSANDS (\$)**



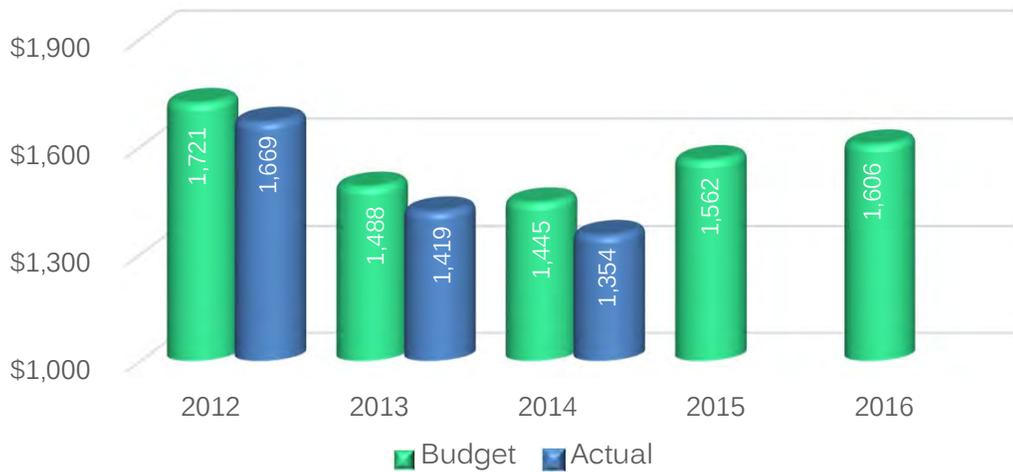
OTAY WATER DISTRICT  
 DIVISION 1111 - BOARD OF DIRECTORS  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 71,935	\$ 68,500	\$ 61,600
Administrative Expenses			
Mileage	1,727	3,000	2,500
Travel Expenses	3,372	7,800	7,800
Conferences and Seminars	2,140	4,000	4,000
Business Meetings	559	1,800	1,200
Membership and Dues	-	-	-
General Training	800	-	-
Director's Fees	19,834	30,000	30,000
Total Administrative Expenses	\$ 28,432	\$ 46,600	\$ 45,500
Total Expenses	<u>\$ 100,367</u>	<u>\$ 115,100</u>	<u>\$ 107,100</u>

# General Manager

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Labor and Benefits	\$ 1,112,599	\$ 1,128,400	\$ 1,199,600
Travel and Meetings	42,804	54,600	54,600
Conservation and Outreach	3,421	7,000	6,000
General Office Expense	3,164	5,300	1,700
Equipment	2,700	4,000	3,000
Fees	47,303	64,000	48,000
Services	141,689	199,000	193,000
Materials & Maintenance	-	100,000	100,000
Miscellaneous	151	-	-
<b>Total</b>	<b>\$ 1,353,831</b>	<b>\$ 1,562,300</b>	<b>\$ 1,605,900</b>

**BUDGET VS. ACTUAL, IN THOUSANDS (\$)**



OTAY WATER DISTRICT  
 DIVISION 1211 - GENERAL MANAGER  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 797,970	\$ 810,200	\$ 860,600
Administrative Expenses			
Mileage	2,752	3,000	3,000
Travel Expenses	2,628	5,000	5,000
Conferences and Seminars	2,277	5,000	5,000
Business Meetings	9,738	10,000	10,000
Membership and Dues	25,350	28,000	28,000
Public Recognition Awards	3,421	7,000	6,000
Books, Periodicals and Subscriptions	1,113	800	1,200
Office Supplies	139	-	-
Postage	1,912	4,500	500
Maintenance and Parts	2,700	4,000	3,000
Regulatory Agencies Fees	47,303	64,000	48,000
Outside Services	101,047	199,000	193,000
Temporary Employment Services	40,642	-	-
Bad Debt	151	-	-
Total Administrative Expenses	<u>\$ 241,173</u>	<u>\$ 330,300</u>	<u>\$ 302,700</u>
Materials and Maintenance Expenses			
Contracted Services	-	100,000	100,000
Total Materials and Maintenance Expenses	<u>\$ -</u>	<u>\$ 100,000</u>	<u>\$ 100,000</u>
Total Expenses	<u>\$ 1,039,143</u>	<u>\$ 1,240,500</u>	<u>\$ 1,263,300</u>

OTAY WATER DISTRICT  
 DIVISION 1211 - ASSISTANT GENERAL MANAGER  
 FISCAL YEAR 2016 BUDGET

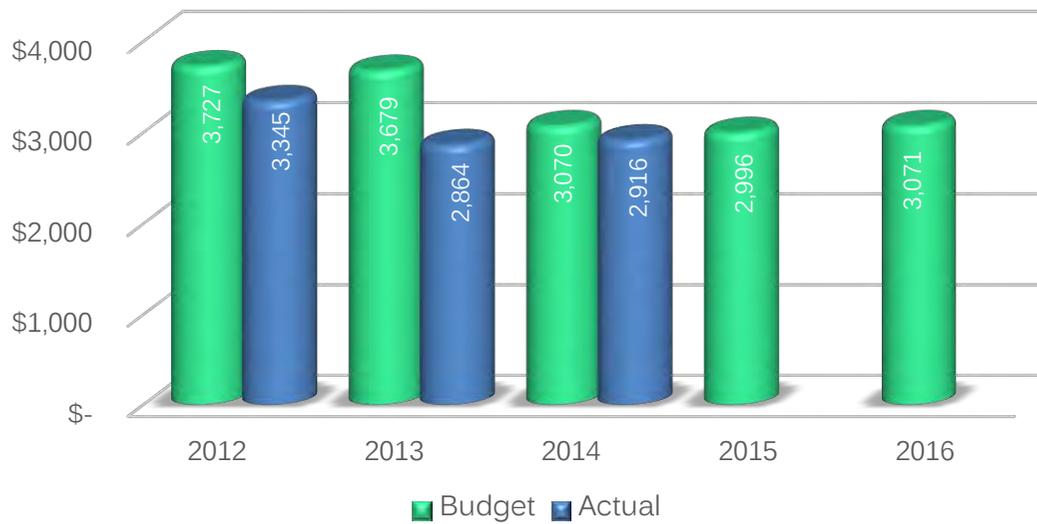
	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 314,629	\$ 318,200	\$ 339,000
Administrative Expenses			
Travel Expenses	-	1,500	1,500
Conferences and Seminars	-	2,000	2,000
Business Meetings	59	100	100
Total Administrative Expenses	\$ 59	\$ 3,600	\$ 3,600
Total Expenses	<u>\$ 314,688</u>	<u>\$ 321,800</u>	<u>\$ 342,600</u>

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# Administrative Services

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Labor and Benefits	\$ 2,027,956	\$ 2,044,500	\$ 2,065,700
Travel and Meetings	5,052	16,700	17,300
General Office Expense	106,291	108,000	106,000
Equipment	64,074	75,500	81,000
Services	294,272	316,000	282,600
Training	41,446	92,600	70,000
Materials & Maintenance	363,551	328,300	433,000
Power and Utilities	12,929	14,000	14,900
<b>Total</b>	<b>\$ 2,915,571</b>	<b>\$ 2,995,600</b>	<b>\$ 3,070,500</b>

**BUDGET VS. ACTUAL, IN THOUSANDS (\$)**



OTAY WATER DISTRICT  
 DIVISION 2211 - ADMINISTRATIVE AND IT CHIEF  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 481,371	\$ 458,800	\$ 505,000
Administrative Expenses			
Mileage	-	100	300
Travel Expenses	-	1,000	1,000
Conferences and Seminars	-	3,500	4,000
Business Meetings	-	200	600
Membership and Dues	-	-	800
General Training	-	200	-
Total Administrative Expenses	\$ -	\$ 5,000	\$ 6,700
Total Expenses	<u>\$ 481,371</u>	<u>\$ 463,800</u>	<u>\$ 511,700</u>

OTAY WATER DISTRICT  
 DIVISION 2221 - HUMAN RESOURCES  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 587,031	\$ 562,900	\$ 599,400
Administrative Expenses			
Mileage	53	200	200
Travel Expenses	192	2,000	2,000
Conferences and Seminars	163	1,500	1,500
Business Meetings	1,660	2,000	2,000
Membership and Dues	864	1,100	1,100
Books, Periodicals and Subscriptions	625	1,100	1,300
Technology Hardware and Software	31	-	-
Outside Services	46,837	36,500	11,500
Temporary Employment Services	26,871	30,000	50,000
Recruitment Expense	20,023	14,000	14,000
Tuition Reimbursement	10,819	20,000	15,000
General Training	5,150	6,000	6,000
Employee Programs	20,203	26,000	26,000
Total Administrative Expenses	<u>\$ 133,491</u>	<u>\$ 140,400</u>	<u>\$ 130,600</u>
Total Expenses	<u>\$ 720,522</u>	<u>\$ 703,300</u>	<u>\$ 730,000</u>

OTAY WATER DISTRICT  
 DIVISION 2231 - PURCHASING  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 831,503	\$ 876,000	\$ 798,300
Administrative Expenses			
Mileage	22	-	-
Travel Expenses	-	1,000	1,000
Conferences and Seminars	150	300	300
Business Meetings	20	300	400
Membership and Dues	309	300	500
Books, Periodicals and Subscriptions	69	-	-
Office Supplies	28,068	25,800	25,800
Postage	49,971	42,000	45,000
Printing Expenses	27,234	38,100	33,400
Maintenance and Parts	44,493	48,200	38,700
Rent and Leases	829	1,200	1,200
Office Furniture	1,279	6,500	6,500
Small Tools and Equipment	17,442	19,600	34,600
Outside Services	55,232	47,500	55,600
Uniforms	51,313	48,000	48,000
General Training	-	-	5,000
Sewer	4,303	4,500	4,500
Trash Services	8,626	9,500	10,400
Total Administrative Expenses	\$ 289,360	\$ 292,800	\$ 310,900
Materials and Maintenance Expenses			
Other Materials and Maintenance	75	-	-
Building Ground and Materials	55,608	45,500	46,900
Contracted Services	275,980	241,500	259,800
Total Materials and Maintenance Expenses	\$ 331,663	\$ 287,000	\$ 306,700
Total Expenses	<u>\$ 1,452,526</u>	<u>\$ 1,455,800</u>	<u>\$ 1,415,900</u>

OTAY WATER DISTRICT  
 DIVISION 2241 - SAFETY & SECURITY  
 FISCAL YEAR 2016 BUDGET

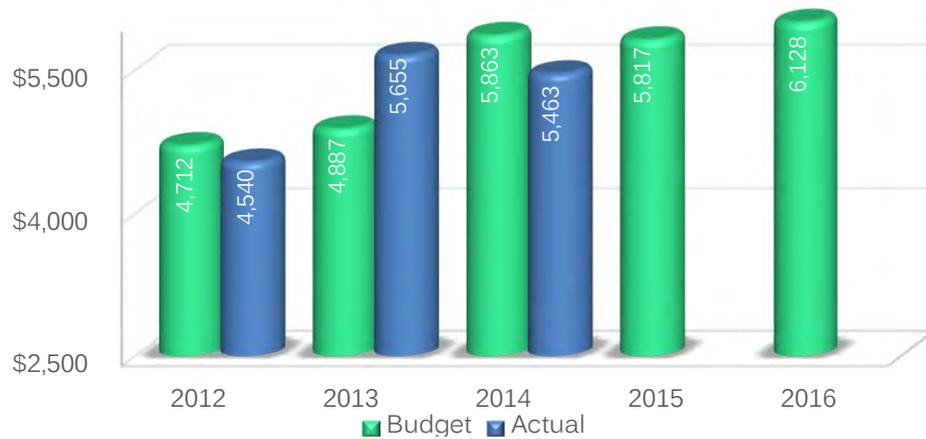
	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 128,051	\$ 146,800	\$ 163,000
Administrative Expenses			
Travel Expenses	-	500	300
Conferences & Seminars	160	500	300
Business Meetings	624	1,200	500
Membership and Dues	835	1,000	500
Books, Periodicals and Subscriptions	304	1,000	500
Postage	20	-	-
Outside Services	39,752	86,500	35,000
Security Services	40,204	39,000	44,000
Health Exams	14,040	14,500	24,500
Required Training	5,274	40,400	18,000
Total Administrative Expenses	<u>\$ 101,213</u>	<u>\$ 184,600</u>	<u>\$ 123,600</u>
Materials and Maintenance Expenses			
Safety Equipment	31,888	41,300	126,300
Total Materials and Maintenance Expenses	<u>\$ 31,888</u>	<u>\$ 41,300</u>	<u>\$ 126,300</u>
Total Expenses	<u>\$ 261,152</u>	<u>\$ 372,700</u>	<u>\$ 412,900</u>

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# Finance

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Labor and Benefits	\$ 4,374,755	\$ 4,567,800	\$ 4,687,100
Travel and Meetings	14,990	25,100	26,100
Conservation and Outreach	133,322	167,900	170,900
General Office Expense	147,820	164,700	167,800
Equipment	-	200	-
Fees	368,200	362,200	351,600
Services	171,379	237,900	432,500
Training	-	-	500
Materials & Maintenance	98,151	135,900	136,900
Bad Debt Expense	154,593	155,000	155,000
<b>Total</b>	<b>\$ 5,463,210</b>	<b>\$ 5,816,700</b>	<b>\$ 6,128,400</b>

**BUDGET VS. ACTUAL, IN THOUSANDS (\$)**



OTAY WATER DISTRICT  
 DIVISION 2311 - FINANCE CHIEF  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 483,576	\$ 496,500	\$ 526,600
Administrative Expenses			
Mileage	45	200	200
Travel Expenses	-	100	100
Conferences and Seminars	1,295	2,000	1,500
Business Meetings	102	100	100
Membership and Dues	1,895	2,000	1,900
Books, Periodicals and Subscriptions	473	500	500
Postage	-	100	100
Outside Services	15,911	15,600	13,600
Total Administrative Expenses	\$ 19,721	\$ 20,600	\$ 18,000
Total Expenses	<u>\$ 503,297</u>	<u>\$ 517,100</u>	<u>\$ 544,600</u>

OTAY WATER DISTRICT  
 DIVISION 2321 - CONTROLLER & BUDGETARY SERVICES  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 780,819	\$ 808,800	\$ 863,000
Administrative Expenses			
Mileage	51	300	300
Travel Expenses	-	1,600	1,500
Conferences and Seminars	1,055	2,600	3,500
Business Meetings	-	200	200
Membership and Dues	863	700	1,200
Office Supplies	1,247	1,100	1,100
Outside Services	36,563	12,300	12,500
Total Administrative Expenses	<u>\$ 39,779</u>	<u>\$ 18,800</u>	<u>\$ 20,300</u>
Total Expenses	<u>\$ 820,598</u>	<u>\$ 827,600</u>	<u>\$ 883,300</u>

OTAY WATER DISTRICT  
 DIVISION 2331 - TREASURY & ACCOUNTING SERVICES  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 875,002	\$ 926,300	\$ 970,800
Administrative Expenses			
Mileage	4	100	100
Travel Expenses	143	500	500
Conferences and Seminars	673	1,000	1,000
Membership and Dues	495	600	200
Books, Periodicals and Subscriptions	-	100	200
Printing Expenses	216	600	300
Accounting Fees	30,500	26,000	29,400
Bank Fees	337,700	336,200	322,200
Outside Services	39,260	2,500	40,000
Total Administrative Expenses	<u>\$ 408,991</u>	<u>\$ 367,600</u>	<u>\$ 393,900</u>
Total Expenses	<u>\$ 1,283,993</u>	<u>\$ 1,293,900</u>	<u>\$ 1,364,700</u>

OTAY WATER DISTRICT  
 DIVISION 2341 - CUSTOMER SERVICE  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 1,674,893	\$ 1,745,900	\$ 1,705,800
Administrative Expenses			
Mileage	20	100	200
Travel Expenses	2,300	3,100	3,100
Conferences and Seminars	2,915	1,300	1,500
Business Meetings	47	200	100
Books, Periodicals and Subscriptions	-	700	100
Postage	145,884	161,200	165,300
Small Tools and Equipment	-	200	-
Outside Services	68,033	81,200	84,000
General Training	-	-	500
Bad Debt	154,593	155,000	155,000
Total Administrative Expenses	<u>\$ 373,792</u>	<u>\$ 403,000</u>	<u>\$ 409,800</u>
Total Expenses	<u>\$ 2,048,685</u>	<u>\$ 2,148,900</u>	<u>\$ 2,115,600</u>

OTAY WATER DISTRICT  
 DIVISION 2342 - METER SHOP  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 443,938	\$ 467,700	\$ 486,300
Administrative Expenses			
Mileage	-	200	200
Travel Expenses	-	1,500	1,500
Conferences and Seminars	-	1,000	1,000
Membership and Dues	-	-	200
Total Administrative Expenses	\$ -	\$ 2,700	\$ 2,900
Materials & Maintenance Expenses			
Meters and Materials	64,122	108,300	108,300
Infrastructure Equipment and Supplies	8,151	5,000	5,000
Other Materials and Maintenance	22,578	7,600	18,600
Contracted Services	3,300	15,000	5,000
Total Materials and Maintenance Expenses	\$ 98,151	\$ 135,900	\$ 136,900
Total Expenses	<u>\$ 542,089</u>	<u>\$ 606,300</u>	<u>\$ 626,100</u>

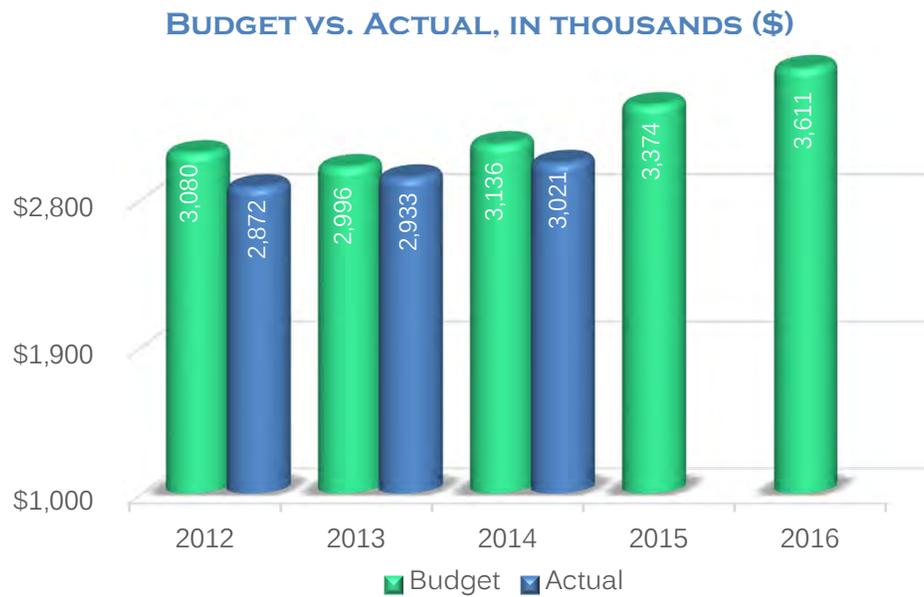
OTAY WATER DISTRICT  
 DIVISION 2343 - WATER CONSERVATION  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 116,527	\$ 122,600	\$ 134,600
Administrative Expenses			
Mileage	-	200	200
Travel Expenses	-	1,200	1,200
Conferences and Seminars	30	800	800
Business Meetings	-	200	200
Membership and Dues	3,057	3,300	3,600
Incentives	9,074	37,500	32,200
Public Recognition Awards	4,561	12,900	15,000
Conservation Garden	119,687	117,500	123,700
Books, Periodicals and Subscriptions	-	200	200
Office Supplies	-	200	-
Outside Services	11,612	126,300	282,400
Total Administrative Expenses	\$ 148,021	\$ 300,300	\$ 459,500
Total Expenses	<u>\$ 264,548</u>	<u>\$ 422,900</u>	<u>\$ 594,100</u>

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## IT and Strategic Planning

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Labor and Benefits	\$ 2,056,743	\$ 2,042,200	\$ 2,326,900
Travel and Meetings	20,276	26,700	32,700
General Office Expense	426	1,500	1,400
Equipment	844,062	1,017,700	983,600
Services	88,456	278,700	259,000
Training	11,340	7,000	7,000
<b>Total</b>	<b>\$ 3,021,303</b>	<b>\$ 3,373,800</b>	<b>\$ 3,610,600</b>



OTAY WATER DISTRICT  
 DIVISION 2411 - IT CHIEF/APPLICATIONS  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 893,584	\$ 951,100	\$ 300,700
Administrative Expenses			
Mileage	30	300	300
Travel Expenses	1,935	1,000	1,000
Conferences and Seminars	3,603	4,000	2,000
Business Meetings	768	600	600
Total Administrative Expenses	\$ 6,336	\$ 5,900	\$ 3,900
Total Expenses	<u>\$ 899,920</u>	<u>\$ 957,000</u>	<u>\$ 304,600</u>

OTAY WATER DISTRICT  
 DIVISION 2421 - IT OPERATIONS  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 549,686	\$ 456,100	\$ 1,342,000
Administrative Expenses			
Mileage	212	200	200
Travel Expenses	1,379	600	600
Conferences and Seminars	4,201	14,000	17,500
Business Meetings	86	300	300
Membership and Dues	400	600	300
Books, Periodicals and Subscriptions	39	500	600
Office Supplies	387	600	-
Communication	280,826	360,300	320,200
Technology Hardware and Software	457,705	390,200	479,200
Maintenance and Parts	3,852	-	-
Outside Services	85,760	239,000	215,500
Required Training	180	-	-
Total Administrative Expenses	\$ 835,027	\$ 1,006,300	\$ 1,034,400
Total Expenses	<u>\$ 1,384,713</u>	<u>\$ 1,462,400</u>	<u>\$ 2,376,400</u>

OTAY WATER DISTRICT  
 DIVISION 2431 - GEOGRAPHIC INFORMATION SYSTEM  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 613,473	\$ 635,000	\$ 684,200
Administrative Expenses			
Mileage	368	300	300
Travel Expenses	3,673	900	1,000
Conferences and Seminars	3,577	3,300	8,000
Business Meetings	44	300	300
Membership and Dues	-	300	300
Books, Periodicals and Subscriptions	-	400	800
Technology Hardware and Software	101,679	267,200	184,200
Outside Services	2,696	39,700	43,500
General Training	11,160	7,000	7,000
Total Administrative Expenses	<u>\$ 123,197</u>	<u>\$ 319,400</u>	<u>\$ 245,400</u>
Total Expenses	<u>\$ 736,670</u>	<u>\$ 954,400</u>	<u>\$ 929,600</u>

# Water Operations

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Labor and Benefits <sup>(1)</sup>	\$ 7,160,946	\$ 7,744,600	\$ 8,008,200
Travel and Meetings	38,385	49,300	48,800
General Office Expense	74	300	300
Equipment	32,317	42,200	44,700
Fees	75,652	65,500	69,400
Services	301,853	415,600	540,100
Training	9,096	11,000	9,000
Materials & Maintenance	1,574,022	1,760,700	1,946,500
Sewer Charges	1,122,524	1,294,900	996,400
<b>Total</b>	<b>\$ 10,314,869</b>	<b>\$ 11,384,100</b>	<b>\$ 11,663,400</b>

<sup>(1)</sup> Excludes CIP labor and benefits.

**BUDGET VS. ACTUAL, IN THOUSANDS (\$)**



OTAY WATER DISTRICT  
 DIVISION 3211 - WATER OPERATIONS CHIEF  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 403,777	\$ 415,800	\$ 422,700
Administrative Expenses			
Mileage	385	200	300
Travel Expenses	2,913	3,500	4,500
Conferences and Seminars	3,671	6,500	5,000
Business Meetings	71	100	-
Membership and Dues	3,625	5,000	5,000
Books, Periodicals and Subscriptions	74	300	300
Outside Services	2,847	3,500	3,500
General Training	5,015	7,000	5,000
Required Certification	4,081	4,000	4,000
Total Administrative Expenses	\$ 22,682	\$ 30,100	\$ 27,600
Total Expenses	<u>\$ 426,459</u>	<u>\$ 445,900</u>	<u>\$ 450,300</u>

OTAY WATER DISTRICT  
 DIVISION 3221 - WATER SYSTEM OPERATIONS  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 218,336	\$ 262,200	\$ 219,600
Administrative Expenses			
Rent and Leases	22,987	24,500	25,200
Regulatory Agencies Fees	58,473	50,000	54,200
Total Administrative Expenses	\$ 81,460	\$ 74,500	\$ 79,400
Total Expenses	\$ 299,796	\$ 336,700	\$ 299,000

OTAY WATER DISTRICT  
 DIVISION 3225 - WATER SYSTEM  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 1,848,190	\$ 1,929,000	\$ 1,804,300
Administrative Expenses			
Outside Services	127,201	143,100	271,000
Total Administrative Expenses	\$ 127,201	\$ 143,100	\$ 271,000
Materials and Maintenance Expenses			
Infrastructure Equipment & Supplies	65,005	96,500	102,000
Chemicals	341,603	358,000	361,500
Other Materials and Maintenance	52	500	500
Contracted Services	-	1,000	1,000
Total Materials and Maintenance Expense:	\$ 406,660	\$ 456,000	\$ 465,000
Total Expenses	<u>\$ 2,382,051</u>	<u>\$ 2,528,100</u>	<u>\$ 2,540,300</u>

OTAY WATER DISTRICT  
 DIVISION 3226 - RECYCLED SYSTEM  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 672,026	\$ 713,900	\$ 743,300
Administrative Expenses			
Regulatory Agencies Fees	10,934	8,000	8,000
Outside Services	13,364	11,000	26,200
Total Administrative Expenses	\$ 24,298	\$ 19,000	\$ 34,200
Materials and Maintenance Expenses			
Meters and Materials	349	-	-
Infrastructure Equipment and Supplies	225	500	500
Other Materials and Maintenance	72	200	200
Total Materials and Maintenance Expenses	\$ 646	\$ 700	\$ 700
Total Expenses	\$ 696,970	\$ 733,600	\$ 778,200

OTAY WATER DISTRICT  
 DIVISION 3227 - SCADA  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 176,490	\$ 284,400	\$ 307,000
Administrative Expenses			
Rent and Leases	837	1,000	1,000
Outside Services	27,390	31,700	23,300
Temporary Employment Services	-	62,400	62,400
Total Administrative Expenses	\$ 28,227	\$ 95,100	\$ 86,700
Materials and Maintenance Expenses			
Infrastructure Equipment and Supplies	42,813	44,400	25,000
Other Materials and Maintenance	60	200	200
Total Materials and Maintenance Expenses	\$ 42,873	\$ 44,600	\$ 25,200
Total Expenses	<u>\$ 247,590</u>	<u>\$ 424,100</u>	<u>\$ 418,900</u>

OTAY WATER DISTRICT  
 DIVISION 3231 - UTILITY SERVICES  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 197,376	\$ 198,800	\$ 243,100
Total Expenses	<u>\$ 197,376</u>	<u>\$ 198,800</u>	<u>\$ 243,100</u>

OTAY WATER DISTRICT  
 DIVISION 3232 - UTILITY MAINTENANCE  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 1,756,491	\$ 1,957,800	\$ 2,268,200
Administrative Expenses			
Rent and Leases	3,461	1,800	1,800
Total Administrative Expenses	\$ 3,461	\$ 1,800	\$ 1,800
Materials and Maintenance Expenses			
Meters and Materials	1,667	5,500	5,500
Fleet Parts and Equipment	214	-	-
Infrastructure Equipment and Supplies	167,566	170,000	245,000
Other Materials and Maintenance	110,438	123,000	171,000
Contracted Services	201,467	200,000	284,000
Total Materials and Maintenance Expenses	\$ 481,352	\$ 498,500	\$ 705,500
Total Expenses	<u>\$ 2,241,304</u>	<u>\$ 2,458,100</u>	<u>\$ 2,975,500</u>

OTAY WATER DISTRICT  
 DIVISION 3233 - FLEET MAINTENANCE  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 478,797	\$ 532,000	\$ 572,600
Administrative Expenses			
Mileage	27,720	34,000	34,000
Communication	1,423	1,000	3,800
Technology Hardware and Software	2,924	2,900	2,400
Hazardous Waste Disposal	6,245	7,500	7,200
Outside Services	33,338	28,600	20,900
Total Administrative Expenses	\$ 71,650	\$ 74,000	\$ 68,300
Materials and Maintenance Expenses			
Fuel and Oil	187,861	289,300	235,600
Fleet Parts and Equipment	112,063	129,900	128,900
Infrastructure Equipment and Supplies	36,499	17,000	25,500
Other Materials and Maintenance	40	-	-
Total Materials and Maintenance Expenses	\$ 336,463	\$ 436,200	\$ 390,000
Total Expenses	<u>\$ 886,910</u>	<u>\$ 1,042,200</u>	<u>\$ 1,030,900</u>

OTAY WATER DISTRICT  
 DIVISION 3236 - PUMP & ELECTRICAL  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 678,246	\$ 689,600	\$ 627,900
Administrative Expenses			
Rent and Leases	685	6,500	6,500
Outside Services	31,539	77,000	77,000
Total Administrative Expenses	\$ 32,224	\$ 83,500	\$ 83,500
Materials and Maintenance Expenses			
Infrastructure Equipment and Supplies	127,820	135,500	135,500
Other Materials and Maintenance	-	300	-
Building Ground and Materials	-	1,000	1,000
Total Materials and Maintenance Expenses	\$ 127,820	\$ 136,800	\$ 136,500
Total Expenses	\$ 838,290	\$ 909,900	\$ 847,900

OTAY WATER DISTRICT  
 DIVISION 3241 - COLLECTION/TREATMENT/RECYCLE OPERATIONS  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Sewer Charges			
Metro O&M Costs	\$ 1,021,724	\$ 1,020,300	\$ 815,000
Spring Valley O&M Costs	100,800	274,600	181,400
Total Expenses	\$ 1,122,524	\$ 1,294,900	\$ 996,400

OTAY WATER DISTRICT  
 DIVISION 3243 - LABORATORY  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 139,018	\$ 148,700	\$ 166,700
Administrative Expenses			
Outside Services	61,814	49,500	47,000
Total Administrative Expenses	\$ 61,814	\$ 49,500	\$ 47,000
Materials and Maintenance Expenses			
Laboratory Equipment and Supplies	43,938	44,000	40,000
Total Materials and Maintenance Expenses	\$ 43,938	\$ 44,000	\$ 40,000
Total Expenses	<u>\$ 244,770</u>	<u>\$ 242,200</u>	<u>\$ 253,700</u>

OTAY WATER DISTRICT  
 DIVISION 3244 - RECLAMATION PLANT  
 FISCAL YEAR 2016 BUDGET

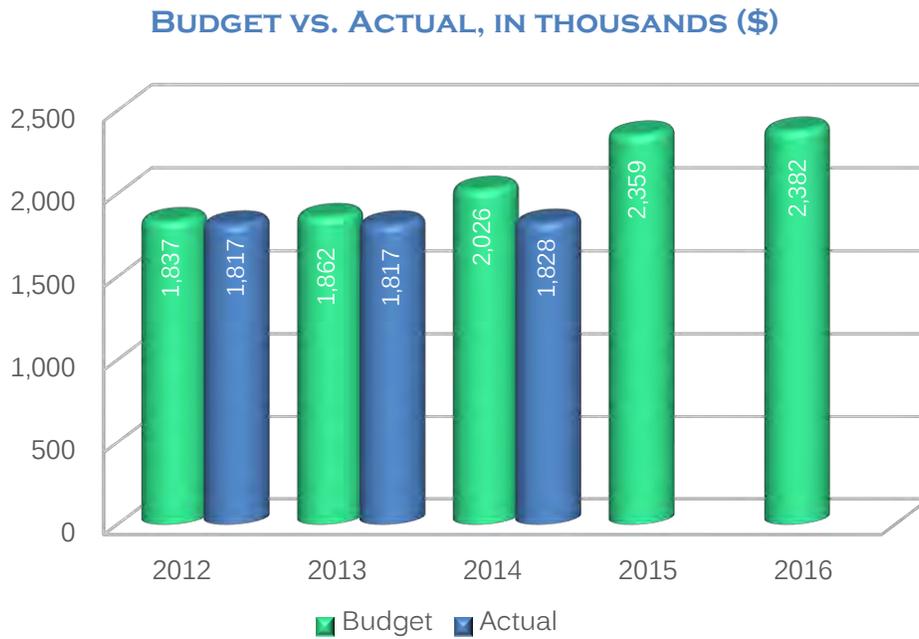
	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 592,199	\$ 612,400	\$ 632,800
Administrative Expenses			
Rent and Leases	-	4,500	4,000
Temporary Employment Services	4,360	8,800	8,800
Total Administrative Expenses	\$ 4,360	\$ 13,300	\$ 12,800
Materials and Maintenance Expenses			
Fuel and Oil	11,336	15,000	15,000
Infrastructure Equipment and Supplies	47,906	56,100	82,800
Chemicals	31,574	39,100	39,100
Safety Equipment	77	2,900	1,000
Other Materials and Maintenance	134	-	-
Contracted Services	43,243	30,800	45,700
Total Materials and Maintenance Expenses	\$ 134,270	\$ 143,900	\$ 183,600
Total Expenses	<u>\$ 730,829</u>	<u>\$ 769,600</u>	<u>\$ 829,200</u>

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# Engineering

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Labor and Benefits <sup>(1)</sup>	\$ 1,392,467	\$ 1,587,800	\$ 1,609,600
Travel and Meetings	17,805	18,700	19,400
General Office Expense	957	1,000	7,500
Fees	26,050	33,000	30,000
Services	389,828	705,100	702,600
Training	570	12,900	12,500
Materials & Maintenance	32	-	-
<b>Total</b>	<b>\$ 1,827,709</b>	<b>\$ 2,358,500</b>	<b>\$ 2,381,600</b>

<sup>(1)</sup> Excludes CIP labor and benefits.



OTAY WATER DISTRICT  
 DIVISION 3311 - ENGINEERING CHIEF  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 283,510	\$ 337,800	\$ 350,300
Administrative Expenses			
Mileage	219	500	500
Travel Expenses	7,906	7,200	8,000
Conferences and Seminars	6,164	4,600	4,600
Business Meetings	922	2,500	2,500
Membership and Dues	2,594	3,900	3,800
Books, Periodicals and Subscriptions	957	1,000	7,500
Outside Services	148	1,500	1,000
General Training	175	10,400	10,000
Required Certification	395	2,500	2,500
Total Administrative Expenses	\$ 19,480	\$ 34,100	\$ 40,400
Total Expenses	<u>\$ 302,990</u>	<u>\$ 371,900</u>	<u>\$ 390,700</u>

OTAY WATER DISTRICT  
 DIVISION 3321 - ENGINEERING SERVICES  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 276,498	\$ 315,300	\$ 293,500
Administrative Expenses			
Outside Services	221,068	520,000	515,000
Total Administrative Expenses	\$ 221,068	\$ 520,000	\$ 515,000
Total Expenses	<u>\$ 497,566</u>	<u>\$ 835,300</u>	<u>\$ 808,500</u>

Note: Engineering Services includes Planning, Design and Water Resources

OTAY WATER DISTRICT  
DIVISION 3421 - PUBLIC SERVICES  
FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor and Benefits	\$ 340,682	\$ 363,800	\$ 374,200
Total Expenses	<u>\$ 340,682</u>	<u>\$ 363,800</u>	<u>\$ 374,200</u>

OTAY WATER DISTRICT  
 DIVISION 3431 - FIELD SERVICES  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor & Benefits	\$ 434,390	\$ 491,400	\$ 530,700
Administrative Expenses			
Outside Services	74,486	93,600	111,600
Total Administrative Expenses	74,486	93,600	111,600
Materials & Maintenance Expenses			
Other Materials & Maintenance	32	-	-
Total Materials & Maintenance Expenses	\$ 32	\$ -	\$ -
Total Expenses	\$ 508,908	\$ 585,000	\$ 642,300

Note: Field Services includes Construction Services and Survey Services

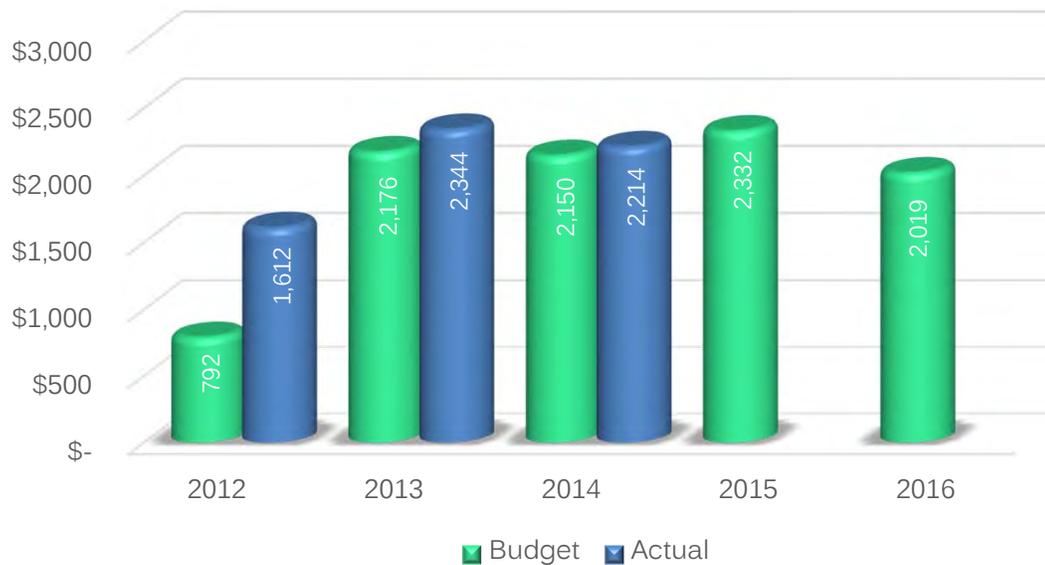
OTAY WATER DISTRICT  
 DIVISION 3451 - ENVIRONMENTAL SERVICES  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor & Benefits	\$ 57,387	\$ 79,500	\$ 60,900
Administrative Expenses			
Regulatory Agencies Fees	26,050	33,000	30,000
Outside Services	94,126	90,000	75,000
Total Administrative Expenses	\$ 120,176	\$ 123,000	\$ 105,000
Total Expenses	<u>\$ 177,563</u>	<u>202,500</u>	<u>165,900</u>

# General Expense

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Labor and Benefits <sup>(1)</sup>	\$ 1,367,499	\$ 1,290,800	\$ 1,183,400
Fees	844,099	1,041,000	836,000
Training	2,566	-	-
<b>Total</b>	<b>\$ 2,214,164</b>	<b>\$ 2,331,800</b>	<b>\$ 2,019,400</b>

**BUDGET VS. ACTUAL, IN THOUSANDS (\$)**



<sup>(1)</sup> Benefits include District-wide labor and benefit costs not attributable to any one department, such as the effect of cost of living raises on accrued leave liabilities or the Other Post Employment Benefit (OPEB) costs. These costs are netted against the District's anticipated Vacancy Factor. The Vacancy Factor for FY 2015 and FY 2016 is \$185,600 and \$338,300, respectively. Additionally, the labor and benefits shown on this schedule are those related to operating costs and does not include CIP labor and benefit costs.

OTAY WATER DISTRICT  
 DIVISION 1311 - GENERAL EXPENSE (INCLUDES LEGAL)  
 FISCAL YEAR 2016 BUDGET

	FY 2014	FY 2015	FY 2016
	Actual	Budget	Budget
Total Labor & Benefits	\$ 1,367,499	\$ 1,290,800	\$ 1,183,400
Administrative Expenses			
Regulatory Agencies Fees	14,161	-	-
General Training	2,566	-	-
General Insurance	549,869	631,000	586,000
Legal Expenses	280,069	410,000	250,000
Total Administrative Expenses	846,665	1,041,000	836,000
Total Expenses	<u>2,214,164</u>	<u>2,331,800</u>	<u>2,019,400</u>

# CIP Projects (\$1,000s)

The 2016 Fiscal Year CIP Budget contains 93 projects. The costs for the work planned for Fiscal Year 2016 is \$12.1 million. Of the 80 projects planned for Fiscal Year 2016, one is designated as reimbursable projects with an estimated cost of \$1,000. These projects are built by a developer and reimbursed by the District.

## CAPITAL FACILITY PROJECTS

CIP No	Description	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
P2040	Res - 1655-1 Reservoir 0.5 MG	\$ 25	\$ 250	\$ 900	\$ 925	\$ 100	\$ -	\$ 2,200
P2083	PS - 870-2 Pump Station Replacement	350	5,000	5,000	3,350	-	-	13700
P2267	36-Inch Main Pumpouts and Air/Vacuum Ventilation Installations	50	200	55	-	-	-	305
P2285	Office Equipment and Furniture Capital Purchases	15	15	15	14	6	-	65
P2325	PL-10" to 12" Oversize, 1296 Zone, PB Road-Rolling Hills Hydro PS/PB Bndy	1	20	-	-	-	-	21
P2434	Rancho Del Rey Groundwater Well Development	-	-	-	-	-	-	0
P2451	Otay Mesa Desalination Conveyance and Disinfection System	350	350	3,200	6,000	8,000	9,000	26900
P2466	Regional Training Facility	8	6	-	-	-	-	14
P2469	Information Technology Network and Hardware	175	50	-	-	-	-	225
P2470	Financial System Enhancements	100	-	-	-	-	-	100
P2486	Asset Management Plan Condition Assessment and Data Acquisition	75	75	28	-	-	-	178
P2511	Otay Interconnect Pipeline	50	200	200	102	1	1	554
P2537	Operations Yard Property Acquisition Improvements	450	150	15	-	-	-	615
P2540	Work Order Management System Replacement	60	100	-	-	-	-	160
P2541	624 Pressure Zone PRSs	525	5	-	-	-	-	530
P2547	District Administration Vehicle Charging Stations	1	43	5	-	-	-	49
P2548	Sump Pump Installation at the 980-1 & 2 Reservoirs	-	-	-	-	-	-	0
P2549	Fuel System Upgrade	30	-	-	-	-	-	30
P2551	Blossom Lane Helix WD and Otay WD Interconnection	150	13	-	-	-	-	163
P2552	South Barcelona Helix WD and Otay WD Interconnection	150	20	-	-	-	-	170
P2554	640/340 PRS at Energy Way and Nirvana Avenue	1	1	50	250	75	23	400
P2555	Administration and Operations Parking Lot Improvements	10	50	100	100	100	140	500
P2561	Res - 711-3 Reservoir Cover/Liner Replacement	5	95	1,700	-	-	-	1800
P2562	Res - 571-1 Reservoir Cover/Liner Replacement	1	9	10	90	2,490	-	2600
P2563	Res - 870-1 Reservoir Cover/Liner Replacement	1	5	5	9	90	890	1000
P2568	Technology Business Processes Improvement	40	75	-	-	-	-	115

# CIP Projects (\$1,000s)

## CAPITAL FACILITY PROJECTS, CONTINUED

CIP No	Description	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
P2569	Metro Ethernet Implementation/ District Facilities - Pilot	\$ 100	\$ -	\$ -	\$ -	\$ -	\$ -	100
P2570	SCADA Equipment & Infrastructure Enhancement	-	100	100	100	-	-	300
P2571	Datacenter Network Enhancement & Replacement of Infrastructure Componets	-	-	-	100	100	-	200
P2572	Enterprise Resource Planning (ERP) Replacement	-	-	-	-	-	250	250
R2077	RecPL - 24-Inch, 860 Zone, Alta Road - Alta Gate/Airway	5	20	20	-	-	-	45
R2087	RecPL - 24-Inch, 927 Zone, Wueste Road - Olympic/Otay WTP	-	-	-	-	-	-	0
R2107	RWCWRF Screening Compactor and Chlorine Injectors Enclosure	7	-	-	-	-	-	7
R2108	Res - 927-1 Reservoir Cover Replacement	10	-	-	-	-	-	10
R2110	RecPS - 944-1 Optimization and Pressure Zone Modifications	25	5	92	-	-	-	122
R2113	Chlorine 1-ton Cylinder Emergency Close Valve	-	-	-	-	-	-	0
R2114	Large Recycle Pump Replacement at the RWCWRF 927-1 Pump Station	40	-	-	-	-	-	40
R2117	RWCWRF Disinfection System Improvements	110	1,100	1,100	100	-	-	2410
R2118	Steele Canyon Sewer PS Chopper Pump	40	-	-	-	-	-	40
R2119	Treatment Plant Automation & Security Upgrades	50	50	50	50	-	-	200
R2121	Res - 944-1 Reservoir Cover/Liner Replacement	25	1,375	-	-	-	-	1400
R2122	Emergency Recycled Water Fire Hydrant Installations	75	-	-	-	-	-	75
S2043	RWCWRF Sludge Handling System	1	1	1	1	1	1	6
<b>43</b>	<b>Total Capital Facility Projects</b>	<b>\$ 3,111</b>	<b>\$ 9,383</b>	<b>\$ 12,646</b>	<b>\$ 11,191</b>	<b>\$ 10,963</b>	<b>\$ 10,305</b>	<b>\$ 57,599</b>

## REPLACEMENT/RENEWAL PROJECTS

CIP No	Description	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
P2382	Safety and Security Improvements	300	250	-	-	-	-	550
P2453	SR-11 Utility Relocations	5	5	250	250	257	-	767
P2485	SCADA Communication System and Software Replacement	75	35	150	150	150	160	720
P2493	624-2 Reservoir Interior/Exterior Coating	55	50	-	-	-	-	105
P2494	Multiple Species Conservation Plan	87	-	-	-	-	-	87
P2495	San Miguel Habitat Management/Mitigation Area	120	120	160	160	180	190	930
P2496	Otay Lakes Road Utility Relocations	20	5	-	-	-	-	\$25
P2504	Regulatory Site Access Road and Pipeline Relocation	50	365	135	20	-	-	\$570
P2507	East Palomar Street Utility Relocation	25	120	110	-	-	-	\$255

# CIP Projects (\$1,000s)

## REPLACEMENT/RENEWAL PROJECTS, CONTINUED

CIP No	Description	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
P2508	Pipeline Cathodic Protection Replacement Program	150	300	50	47	-	-	\$547
P2515	870-1 Reservoir Paving	15	-	-	-	-	-	\$15
P2518	803-3 Reservoir Interior/Exterior Coating	20	45	-	-	-	-	\$65
P2519	832-2 Reservoir Interior/Exterior Coating	20	45	25	-	-	-	\$90
P2520	Motorola Mobile Radio Upgrade	30	14	-	-	-	-	\$44
P2529	711-2 Reservoir Interior & Exterior Coating	600	130	25	35	-	-	\$790
P2530	711-1 Reservoir Interior & Exterior Coating	800	200	15	25	-	-	\$1,040
P2531	944-1 Reservoir Interior & Exterior Coating	130	50	35	-	-	-	\$215
P2532	944-2 Reservoir Interior & Exterior Coating	50	50	50	-	-	-	\$150
P2533	1200-1 Reservoir Interior & Exterior Coating	5	490	35	35	-	-	\$565
P2534	978-1 Reservoir Interior & Exterior Coating	-	10	275	5	35	-	\$325
P2535	458-2 Reservoir Interior & Exterior Coating & Upgrades	115	5	35	-	-	-	\$155
P2538	Administration and Operations Building Fire Sprinkler Replacement Program	5	20	18	-	-	-	\$43
P2539	South Bay Bus Rapid Transit (BRT) Utility Relocations	100	100	100	40	-	-	\$340
P2542	850-3 Reservoir Interior Coating	230	15	35	-	-	-	\$280
P2543	850-1 Reservoir Interior/Exterior Coating	-	10	515	10	40	-	\$575
P2544	850-2 Reservoir Interior/Exterior Reservoir Coating	5	5	880	10	40	-	\$940
P2545	980-1 Reservoir Interior Exterior Coating	950	445	50	50	-	-	\$1,495
P2546	980-2 Reservoir Interior/Exterior Coating	-	-	10	1,390	10	40	\$1,450
P2550	Fuel Island Upgrade	75	-	-	-	-	-	\$75
P2553	Heritage Road Bridge Replacement and Utility Relocation	10	100	290	645	155	-	\$1,200
P2557	520 Res Recirculation Pipeline Chemical Supply and Analyser Feed Replacement Project	1	29	65	5	-	-	\$100
P2558	Additional pump station fuel storage	25	-	-	-	-	-	\$25
P2559	Pressure Vessel Repair and Replacement Program	50	250	-	-	-	-	\$300
P2564	Administration Carpet Replacement Program	65	75	75	-	-	-	\$215
P2565	803-2 Reservoir Interior/Exterior Coating & Upgrades	-	-	-	5	675	45	\$725
P2566	520-2 Reservoir Interior/Exterior Coating & Upgrades	-	-	-	-	10	1,780	\$1,790
P2567	1004-2 Reservoir Interior/Exterior Coating & Upgrades	-	-	-	-	10	555	\$565
R2109	Sweetwater River Wooden Trestle Improvement for the Recycled Water Forcemain	400	10	-	-	-	-	\$410
R2111	RWCWRF - RAS Pump Replacement	250	-	-	-	-	-	\$250
R2112	450-1 Disinfection Facility Rehabilitation	40	25	-	-	-	-	\$65

# CIP Projects (\$1,000s)

## REPLACEMENT/RENEWAL PROJECTS, CONTINUED

CIP No	Description	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
R2116	RecPL - 14-Inch, 927 Zone, Forcemain Assessment and Repair	225	1,000	150	50	-	-	\$1,425
R2120	RWCWRF Filtered Water Storage Tank Improvements	10	245	245	-	-	-	\$500
S2012	San Diego County Sanitation District Outfall and RSD Outfall Replacement	50	150	150	200	250	300	\$1,100
S2024	Campo Road Sewer Main Replacement	500	3,400	1,000	-	-	-	\$4,900
S2027	Rancho San Diego Pump Station Rehabilitation	320	1,000	1,000	915	-	-	\$3,235
S2033	Sewer System Rehabilitation	900	800	800	800	800	500	\$4,600
<b>46</b>	<b>Total Replacements and Renewal Projects</b>	<b>\$ 6,883</b>	<b>\$ 9,968</b>	<b>\$ 6,733</b>	<b>\$ 4,847</b>	<b>\$ 2,612</b>	<b>\$ 3,570</b>	<b>\$ 34,613</b>

## CAPITAL PURCHASE PROJECTS

CIP No	Description	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
P2282	Vehicle Capital Purchases	556	298	295	327	308	317	\$2,101
P2286	Field Equipment Capital Purchases	50	100	83	68	16	105	\$422
P2366	APCD Engine Replacements and Retrofits	535	307	157	118	78	110	\$1,305
<b>3</b>	<b>Total Capital Purchase</b>	<b>\$1,141</b>	<b>\$705</b>	<b>\$535</b>	<b>\$513</b>	<b>\$402</b>	<b>\$532</b>	<b>\$3,828</b>

## DEVELOPER REIMBURSEMENT PROJECTS

CIP No	Description	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
P2556	HWY 94 Upsized Utility Relocations at Melody Lane	1	29	100	100	20	-	\$250
<b>1</b>	<b>Total Reimbursement Projects</b>	<b>\$1</b>	<b>\$29</b>	<b>\$100</b>	<b>\$100</b>	<b>\$20</b>	<b>\$0</b>	<b>\$250</b>

## SUMMARY

CIP No	Description	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
80	Total - FY 2016 Projects	\$11,136	\$19,965	\$19,114	\$15,041	\$13,117	\$11,737	\$90,110
13	Total - FY 2017 through FY 2021 Projects	\$0	\$120	\$900	\$1,610	\$880	\$2,670	\$6,180
<b>93</b>	<b>Grand Totals</b>	<b>\$11,136</b>	<b>\$20,085</b>	<b>\$20,014</b>	<b>\$16,651</b>	<b>\$13,997</b>	<b>\$14,407</b>	<b>\$96,290</b>

# FY 2016 Capital Purchases

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Capital purchases are non-recurring operating expense items for District-wide use that cost more than \$10,000 each and have an estimated useful life of two years or more. The Capital Purchase Projects include Field Equipment, Office Equipment and Furniture, and Vehicle purchases.

	Item#	Description	Amount
<b>FIELD EQUIPMENT</b>			
Finance			
	3	Portable Meter Test Program/hardware	15,000
Operations			
	17	Two portable engine driven pumps	520,000
	19	Valve machine	34,500
	22	Portable Emissions Analyzer	14,500
<b>Total of Field Equipment</b>			<u>584,000</u>
<b>VEHICLES</b>			
Engineering Planning			
	18	Replace truck bed for Unit No. 184	11,000
Operations			
	9	Potable Vactor truck with 15-year debris body	405,000
	21	One-ton service truck with engine driven Hydraulic air compressor and 20-foot crane.	140,000
<b>Total of Vehicles</b>			<u>556,000</u>
<b>Grand Total :</b>			<u><u>\$ 1,140,000</u></u>

### Summary by Project

P2286 Field	\$ 15,000
P2282 Vehicle	590,500
P2366 APCD Engine Replacements and Retrofits	534,500
	<u><u>\$ 1,140,000</u></u>

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**PROJECT TITLE:** Res - 1655-1 Reservoir 0.5 MG

**CIP Number:** P2040

**DIRECTOR DIVISION:** 5

**PROJECT MANAGER:** Kevin Cameron

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:** 8/19/1992

**PRIORITY:** 3

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$2,200,000

**DESCRIPTION OF PROJECT:**

Construction of a 0.5 million gallon reservoir and approximately 1,500 feet of 12-inch pipeline to connect to the existing system in Prisilla Drive. These improvements are located within the Rancho Jamul Estates area.

**JUSTIFICATION OF PROJECT:**

The project will increase system reliability, increase service capabilities, and provide adequate fire protection for the Rancho Jamul Estates area within the 1655 Pressure Zone. The existing system is currently served with a hydropneumatic pump station.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Expansion	50 %	0 %	0 %	0 %	50 %
Betterment ID 22	0 %	50 %	0 %	0 %	50 %
<b>TOTAL:</b>	50 %	50 %	0 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>							
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>	
	\$0	\$25	\$250	\$900	\$925	\$100	\$0	\$2,200

CIP Number: P2040

PROJECT SCHEDULE:

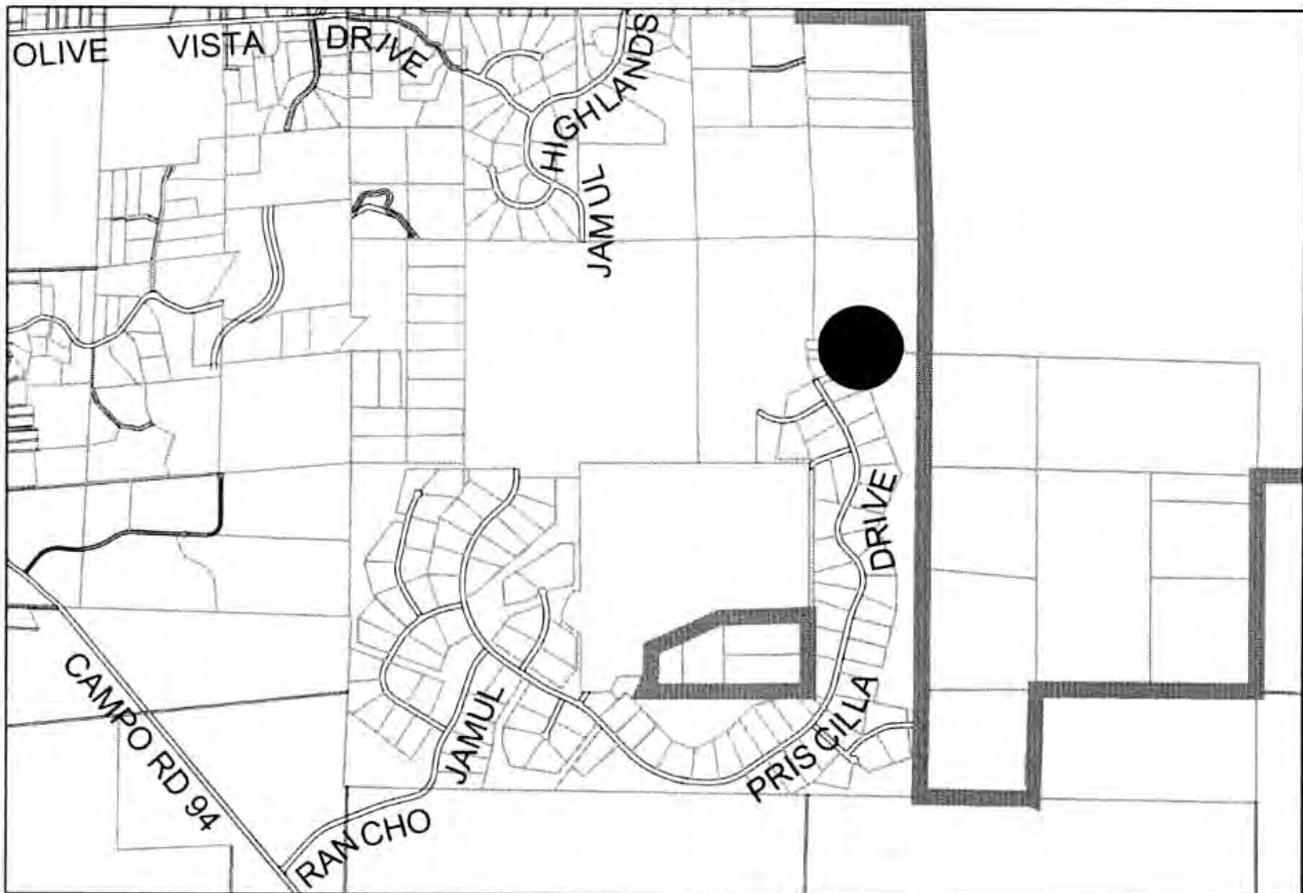
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2015	6/30/2016	\$82
DESIGN:	7/1/2017	6/30/2018	\$226
CONSTRUCTION:	7/1/2018	6/30/2020	\$1,892

PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$50	\$51	\$52	\$153
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

PROJECT LOCATION:

OWD Map Book: 310



Submitted By: Jolene Fielding

Date: 5/7/2015

**PROJECT TITLE:** PS - 870-2 Pump Station Replacement

**CIP Number:** P2083

**DIRECTOR DIVISION:** 2

**PROJECT MANAGER:** Jeff Marchioro

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:** 5/17/1995

**PRIORITY:** 1

**RELATED CIP PROJECTS:** P2451

**BUDGET AMOUNT:** \$15,000,000

**DESCRIPTION OF PROJECT:**

Construction of a new pump station to replace the existing Low Head and High Head pump stations.

**JUSTIFICATION OF PROJECT:**

The two existing pump stations have reached the end of their useful lives.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>							
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>	
	\$1,300	\$350	\$5,000	\$5,000	\$3,350	\$0	\$0	\$15,000

CIP Number: P2083

PROJECT SCHEDULE:

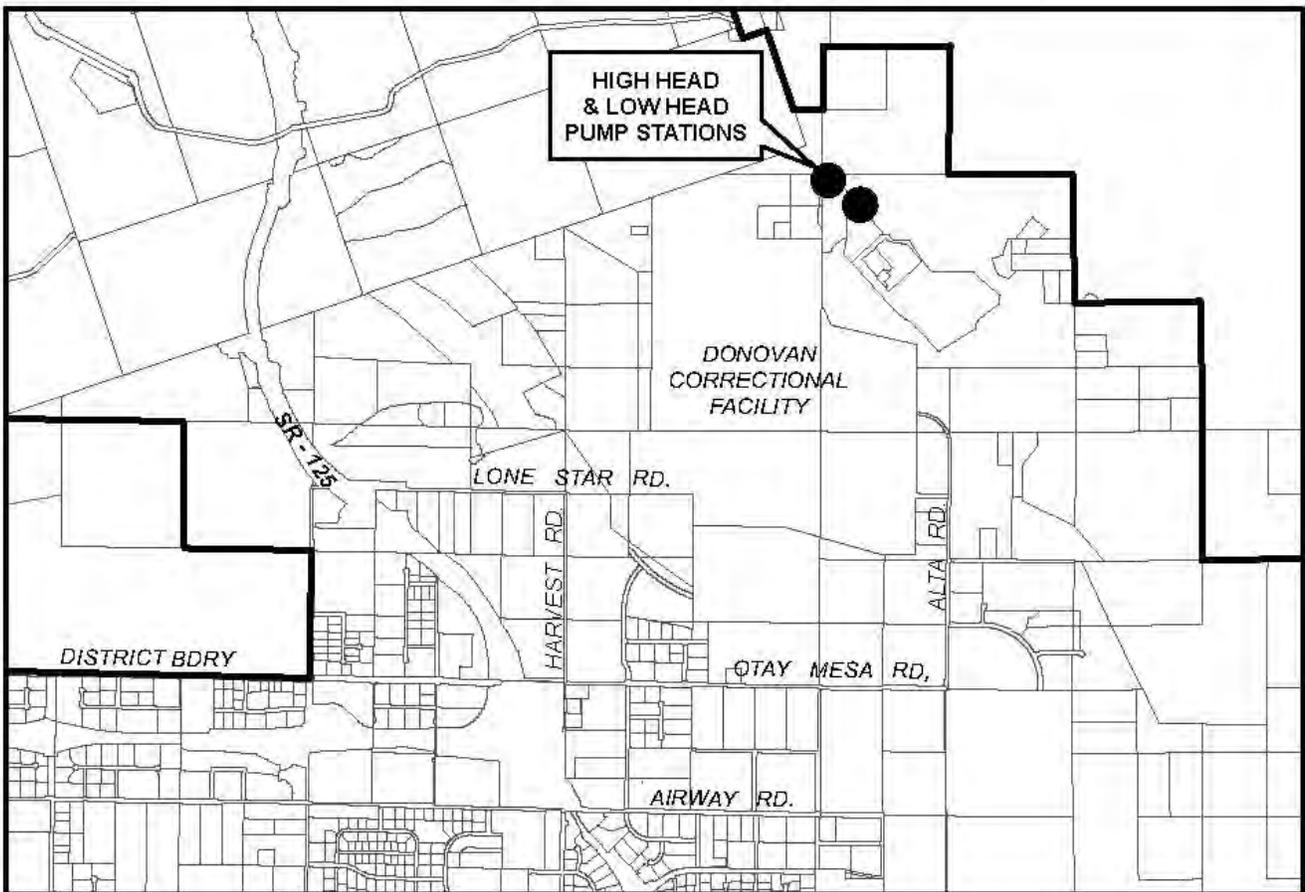
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2013	9/1/2013	\$700
DESIGN:	9/1/2013	6/30/2016	\$970
CONSTRUCTION:	7/1/2016	3/1/2019	\$13,330

PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

PROJECT LOCATION:

OWD Map Book: 055



Submitted By: Jolene Fielding

Date: 5/7/2015

**PROJECT TITLE:** 36-Inch Main Pumpouts and Air/Vacuum Ventilation Installations **CIP Number:** P2267

<b>PROJECT MANAGER:</b> Jeff Marchioro	<b>DIRECTOR DIVISION:</b> 3
<b>ORIGINAL APPROVED DATE:</b> 6/3/1996	<b>I.D. LOCATION:</b> 22
<b>RELATED CIP PROJECTS:</b>	<b>PRIORITY:</b> 2
	<b>BUDGET AMOUNT:</b> \$735,000

**DESCRIPTION OF PROJECT:**

Installation of ventilation equipment on the existing pumpout and air/vacuum vaults on 36-inch transmission main from the San Diego County Water Authority Otay FCF No. 11 to the Regulatory Site. This project also includes upsizing the existing 2-inch air/vacuum valves to 6-inch.

**JUSTIFICATION OF PROJECT:**

The vault openings do not stay in place when refilling because they lack ventilation. By installing vents in these vaults, the lids will stay in place, thus eliminating a safety hazard. Draining and filling the 36-inch main at higher flow rates is required to return the system to service in shorter periods of time.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Betterment ID 22	0 %	100 %	0 %	0 %	100 %
<b>TOTAL:</b>	0 %	100 %	0 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$430	\$50	\$200	\$55	\$0	\$0	\$735

CIP Number: P2267

PROJECT SCHEDULE:

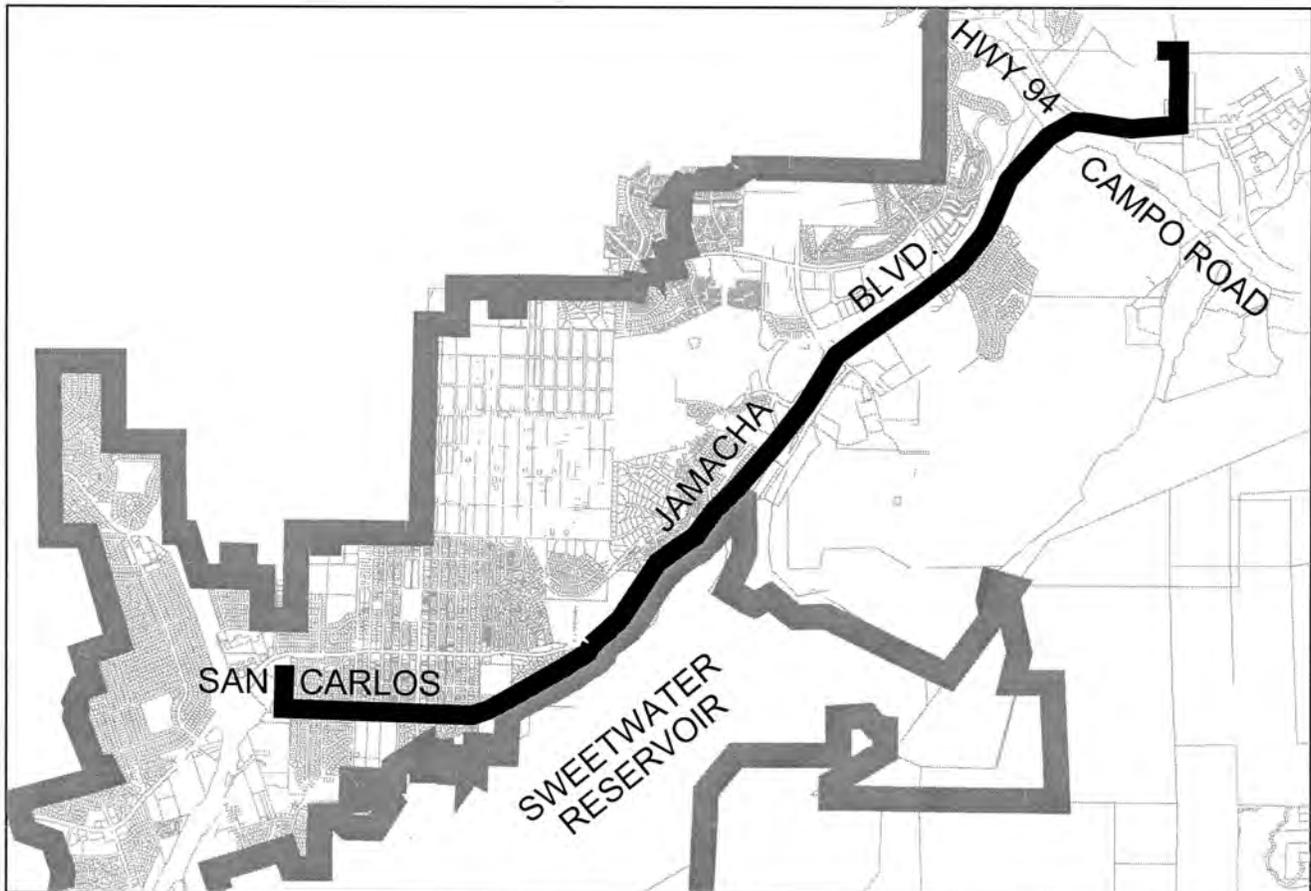
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:			\$0
DESIGN:	4/1/2015	6/30/2016	\$75
CONSTRUCTION:	7/1/2016	6/30/2018	\$660

PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

PROJECT LOCATION:

OWD Map Book: 198



Submitted By: Jolene Fielding

Date: 5/7/2015

**PROJECT TITLE:** Office Equipment and Furniture Capital Purchases

**CIP Number:** P2285

**DIRECTOR DIVISION:** 0

**PROJECT MANAGER:** Kent Payne

**I.D. LOCATION:** District Wide

**ORIGINAL APPROVED DATE:** 6/3/1996

**PRIORITY:** 1

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$589,000

**DESCRIPTION OF PROJECT:**

This project provides funding for capital purchase of various office equipment and furniture items used for daily Otay Water District functions.

**JUSTIFICATION OF PROJECT:**

Replacements or new acquisitions of office equipment and furniture will be used for operational and administrative functions throughout the entire Otay Water District.

**COMMENTS:**

2016 - Projected expenditure for Customer Service workstation ergonomic upgrades.

**FUND DETAILS:**

**EXPENDITURE SCHEDULE (X \$1,000):**

PRIOR YEARS:	FY						
TOTAL	2016	2017	2018	2019	2020	2021	Total
\$524	\$15	\$15	\$15	\$14	\$6	\$0	\$589

**CIP Number: P2285**

**PROJECT SCHEDULE:**

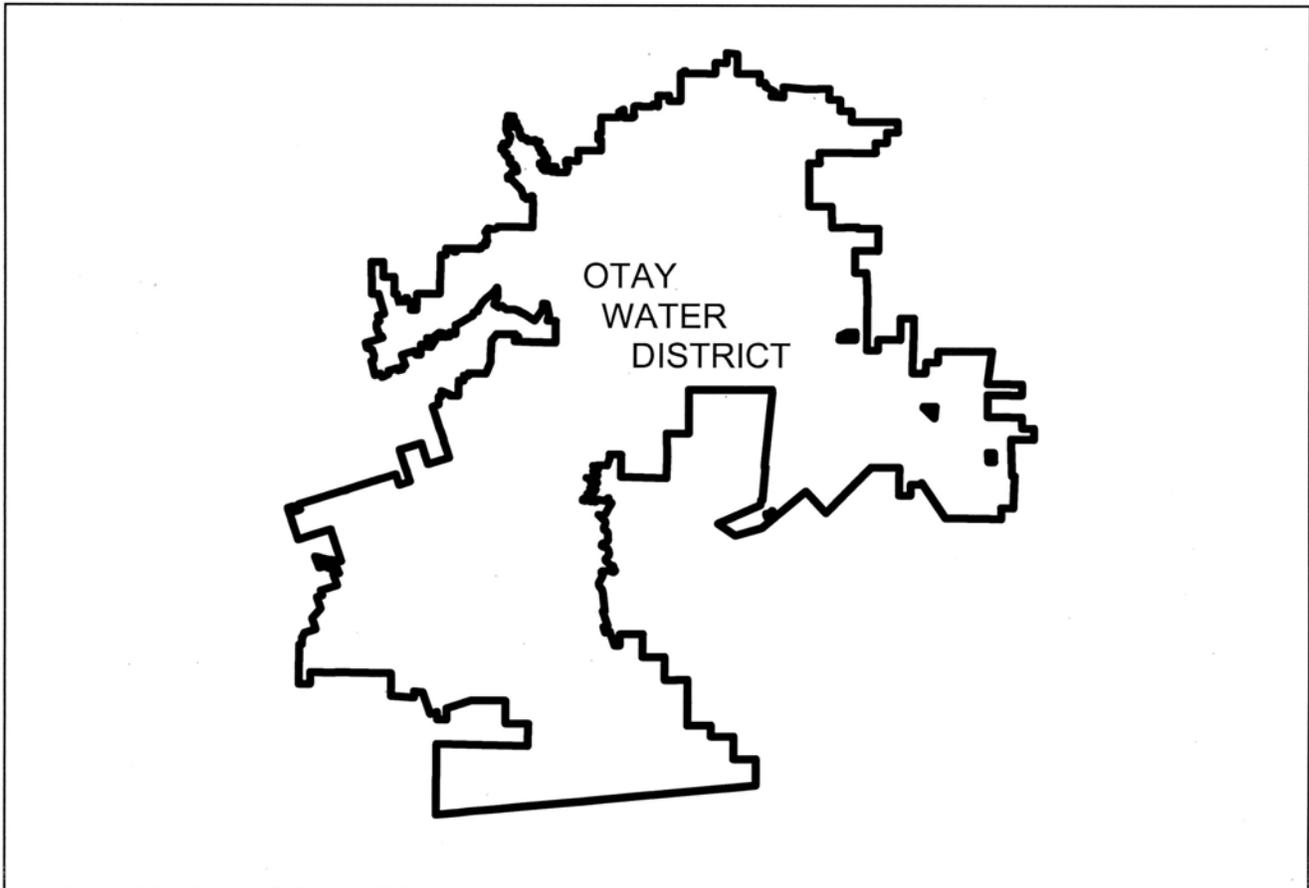
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE</b>	<b>ESTIMATED FINISHED DATE</b>	<b>ESTIMATED COST (X \$1,000):</b>
<b>PLANNING:</b>			\$0
<b>DESIGN:</b>			\$0
<b>CONSTRUCTION:</b>	7/1/2000	6/30/2019	\$589

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
<b>MAINT:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>ENERGY:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CHEMICAL:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book:**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

<b>PROJECT TITLE:</b> PL-10" to 12" Oversize, 1296 Zone, PB Road-Rolling Hills Hydro PS/PB Bndy	<b>CIP Number:</b> P2325
<b>PROJECT MANAGER:</b> Stephen Beppler	<b>DIRECTOR DIVISION:</b> 4
<b>ORIGINAL APPROVED DATE:</b>	<b>I.D. LOCATION:</b> 22
<b>RELATED CIP PROJECTS:</b>	<b>PRIORITY:</b> 2
	<b>BUDGET AMOUNT:</b> \$22,000

**DESCRIPTION OF PROJECT:**

Construction of approximately 6.900 feet of 12-inch pipeline within the 1296 Pressure Zone, from the Rolling Hills Hydropneumatic Pump Station to the future 1296 Reservoir. A portion of the project will be constructed by the developer and is subject to reimbursement at actual cost for the oversize portion per Board policy.

**JUSTIFICATION OF PROJECT:**

The conversion from a hydropneumatic tank system to a reservoir includes the construction of a waterline from the current system to the proposed tank location. Upsizing of the theoretically required 10-inch water main to a 12-inch line will provide the District adequate water movement capabilities for future needs.

**COMMENTS:**

**FUND DETAILS:**

FUNDING SOURCE:	Expansion	Betterment	Replacement	New Water Supply	Total
Expansion	100 %	0 %	0 %	0 %	100 %
<b>TOTAL:</b>	100 %	0 %	0 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

PRIOR YEARS:	FY						
TOTAL	2016	2017	2018	2019	2020	2021	Total
	\$1	\$1	\$20	\$0	\$0	\$0	\$22

CIP Number: P2325

**PROJECT SCHEDULE:**

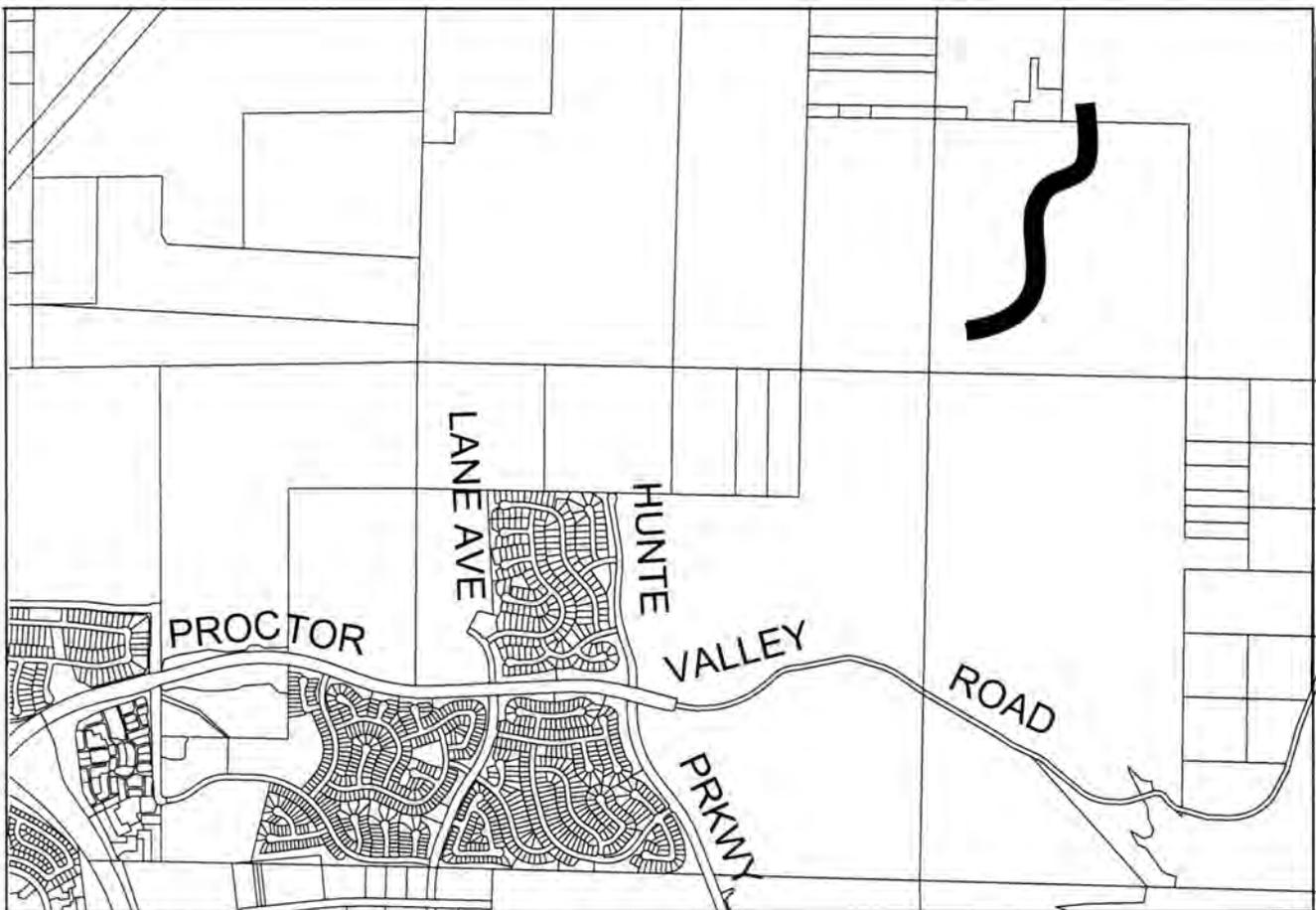
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2015	6/30/2016	\$1
DESIGN:	7/1/2015	6/30/2016	\$1
CONSTRUCTION:	7/1/2016	6/30/2017	\$20

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 160**



**Submitted By:** Jolene Fielding

**Date:** 5/11/2015

**PROJECT TITLE:** Rancho Del Rey Groundwater Well Development

**CIP Number:** P2434

**DIRECTOR DIVISION:** 2

**PROJECT MANAGER:** Jeff Marchioro

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:** 5/21/2009

**PRIORITY:** 3

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$8,700,000

**DESCRIPTION OF PROJECT:**

Production groundwater well development of approximately 400 gallons per minute for potable water use. The project includes construction of a reverse osmosis treatment facility.

**JUSTIFICATION OF PROJECT:**

This project is needed to meet the IRP water supply goals.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
New Water Supply Fee Projects	0 %	0 %	0 %	40 %	40 %
Betterment ID 22	0 %	60 %	0 %	0 %	60 %
<b>TOTAL:</b>	0 %	60 %	0 %	40 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$3,711	\$0	\$0	\$0	\$0	\$0	\$3,711

CIP Number: P2434

PROJECT SCHEDULE:

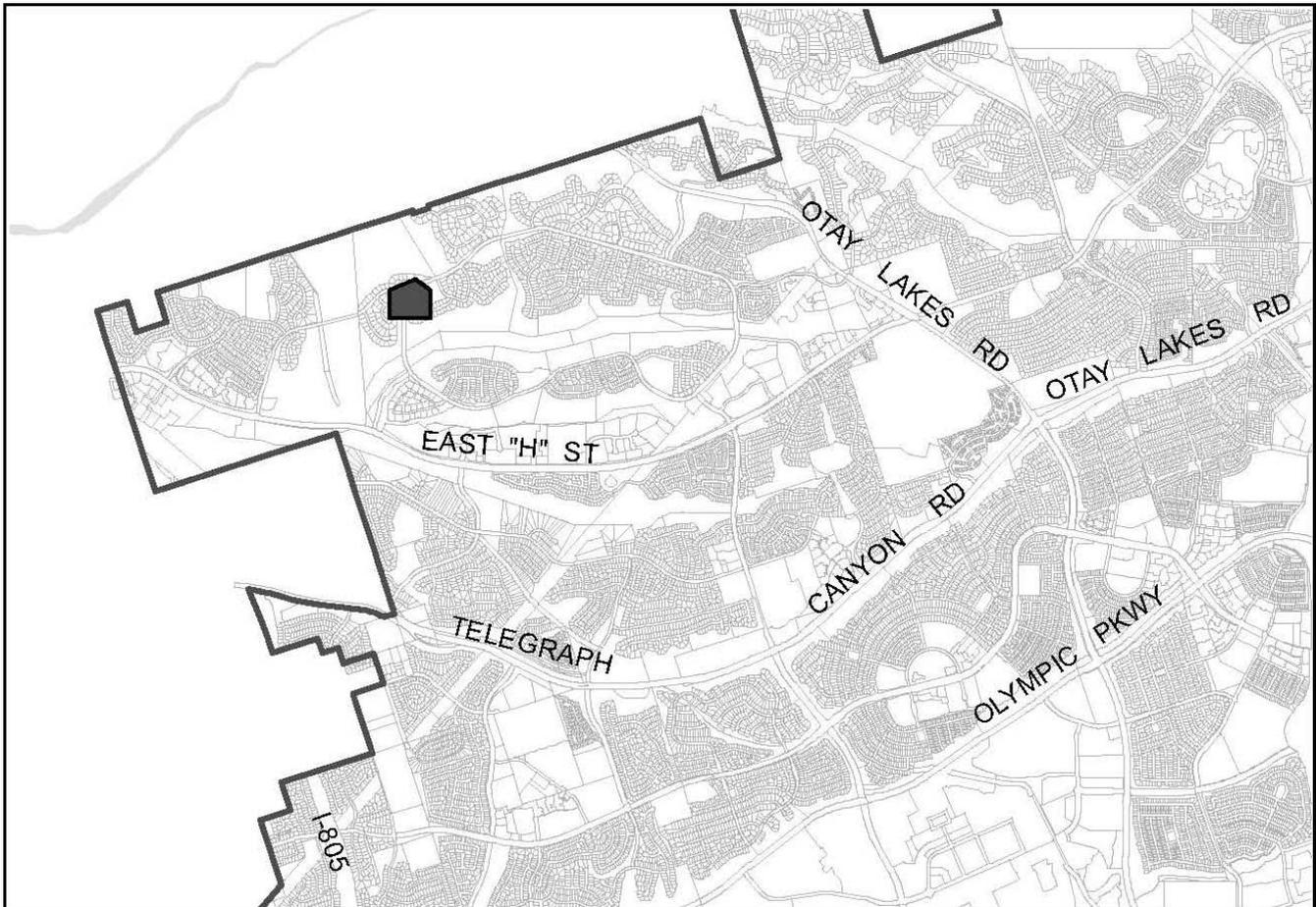
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/1994	12/1/2010	\$2,600
DESIGN:	1/1/2011	6/30/2023	\$1,200
CONSTRUCTION:	7/1/2023	6/30/2025	\$4,900

PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

PROJECT LOCATION:

OWD Map Book: 127



Submitted By: Jolene Fielding

Date: 5/7/2015

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

<b>PROJECT TITLE:</b> Otay Mesa Desalination Conveyance and Disinfection System	<b>CIP Number:</b> P2451
<b>PROJECT MANAGER:</b> Rod Posada	<b>DIRECTOR DIVISION:</b> 2
<b>ORIGINAL APPROVED DATE:</b> 5/23/2006	<b>I.D. LOCATION:</b> 22
<b>RELATED CIP PROJECTS:</b> P2083	<b>PRIORITY:</b> 1
	<b>BUDGET AMOUNT:</b> \$30,000,000

**DESCRIPTION OF PROJECT:**

The Otay Water District could potentially receive a potable water supply source from the planned Rosarito Desalination Facility via a conveyance system, pumping facilities, and disinfection system.

**JUSTIFICATION OF PROJECT:**

The concept could provide for an independent water source to the Otay Water District.

**COMMENTS:**

**FUND DETAILS:**

FUNDING SOURCE:	Expansion	Betterment	Replacement	New Water Supply	Total
New Water Supply Fee Projects	0 %	0 %	0 %	40 %	40 %
Betterment ID 22	0 %	60 %	0 %	0 %	60 %
<b>TOTAL:</b>	0 %	60 %	0 %	40 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	FY	
TOTAL	2016	2017	2018	2019	2020	2021	Total	
	\$3,100	\$350	\$350	\$3,200	\$6,000	\$8,000	\$9,000	\$30,000

**CIP Number: P2451**

**PROJECT SCHEDULE:**

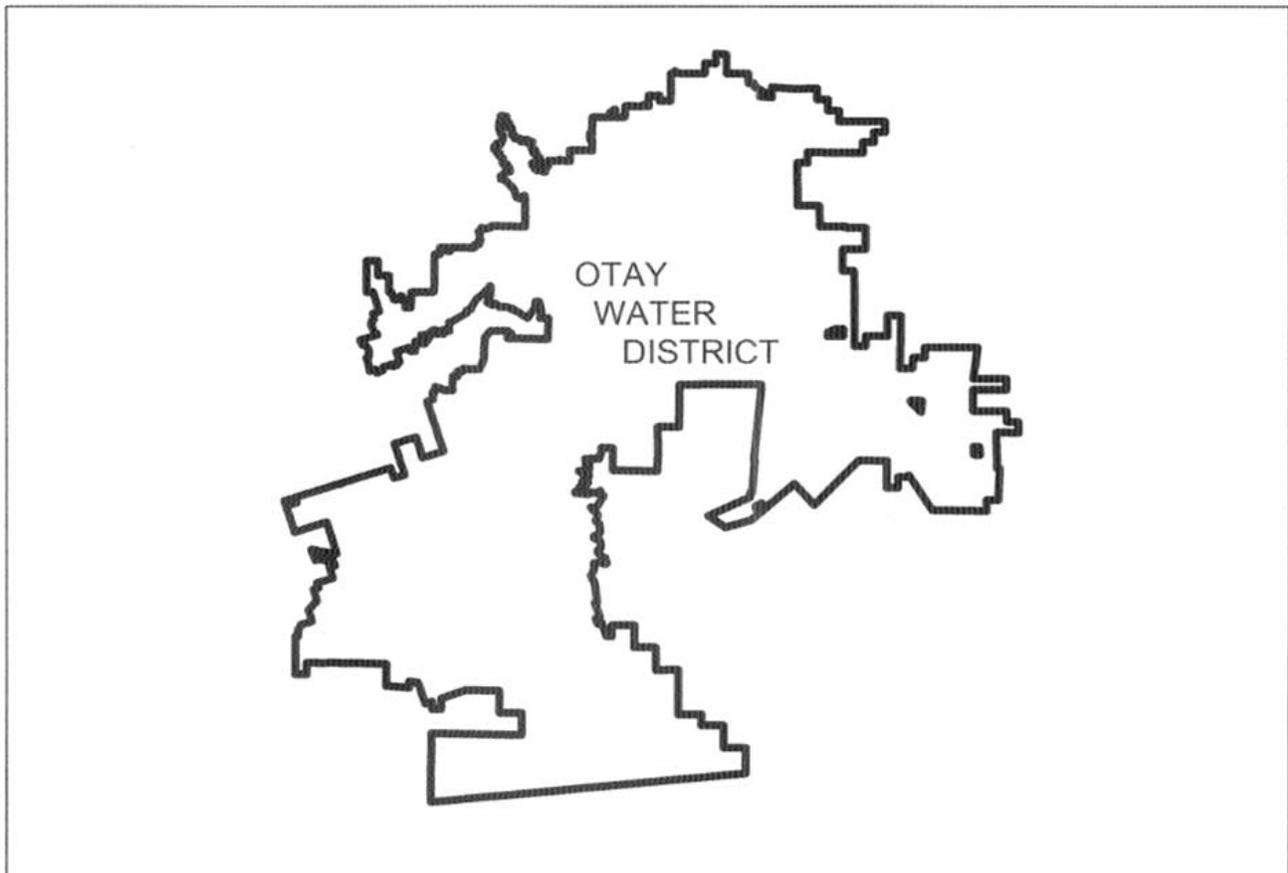
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE</b>	<b>ESTIMATED FINISHED DATE</b>	<b>ESTIMATED COST (X \$1,000):</b>
<b>PLANNING:</b>	7/1/2006	6/30/2016	\$3,500
<b>DESIGN:</b>	7/1/2016	6/30/2018	\$3,500
<b>CONSTRUCTION:</b>	7/1/2018	6/30/2022	\$23,000

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
<b>MAINT:</b>	\$0	\$0	\$0	\$0	\$10,000	\$10,000	\$20,000
<b>ENERGY:</b>	\$0	\$0	\$0	\$0	\$25,000	\$55,000	\$80,000
<b>CHEMICAL:</b>	\$0	\$0	\$0	\$0	\$5,000	\$10,000	\$15,000

**PROJECT LOCATION:**

**OWD Map Book:**



**Submitted By:** Jolene Fielding

**Date:** 5/11/2015

<b>PROJECT TITLE:</b> Regional Training Facility	<b>CIP Number:</b> P2466
<b>PROJECT MANAGER:</b> Lisa Coburn-Boyd	<b>DIRECTOR DIVISION:</b> 5
<b>ORIGINAL APPROVED DATE:</b> 5/29/2007	<b>I.D. LOCATION:</b> 22
<b>RELATED CIP PROJECTS:</b> P2504	<b>PRIORITY:</b> 1
	<b>BUDGET AMOUNT:</b> \$300,000

**DESCRIPTION OF PROJECT:**  
The project is the construction of a Regional Training Facility at the Regulatory Site through a partnership with the San Miguel Consolidated Fire Protection District.

**JUSTIFICATION OF PROJECT:**  
The Otay Water District needs a training center to train staff on trenching, shoring, fire safety, rescue, and confined space. The San Miguel Consolidated Fire Protection District has secured funding for this project and will be the lead agency in the development of the training facility.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Expansion	40 %	0 %	0 %	0 %	40 %
Betterment ID 22	0 %	60 %	0 %	0 %	60 %
<b>TOTAL:</b>	40 %	60 %	0 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$286	\$8	\$6	\$0	\$0	\$0	\$300

CIP Number: P2466

PROJECT SCHEDULE:

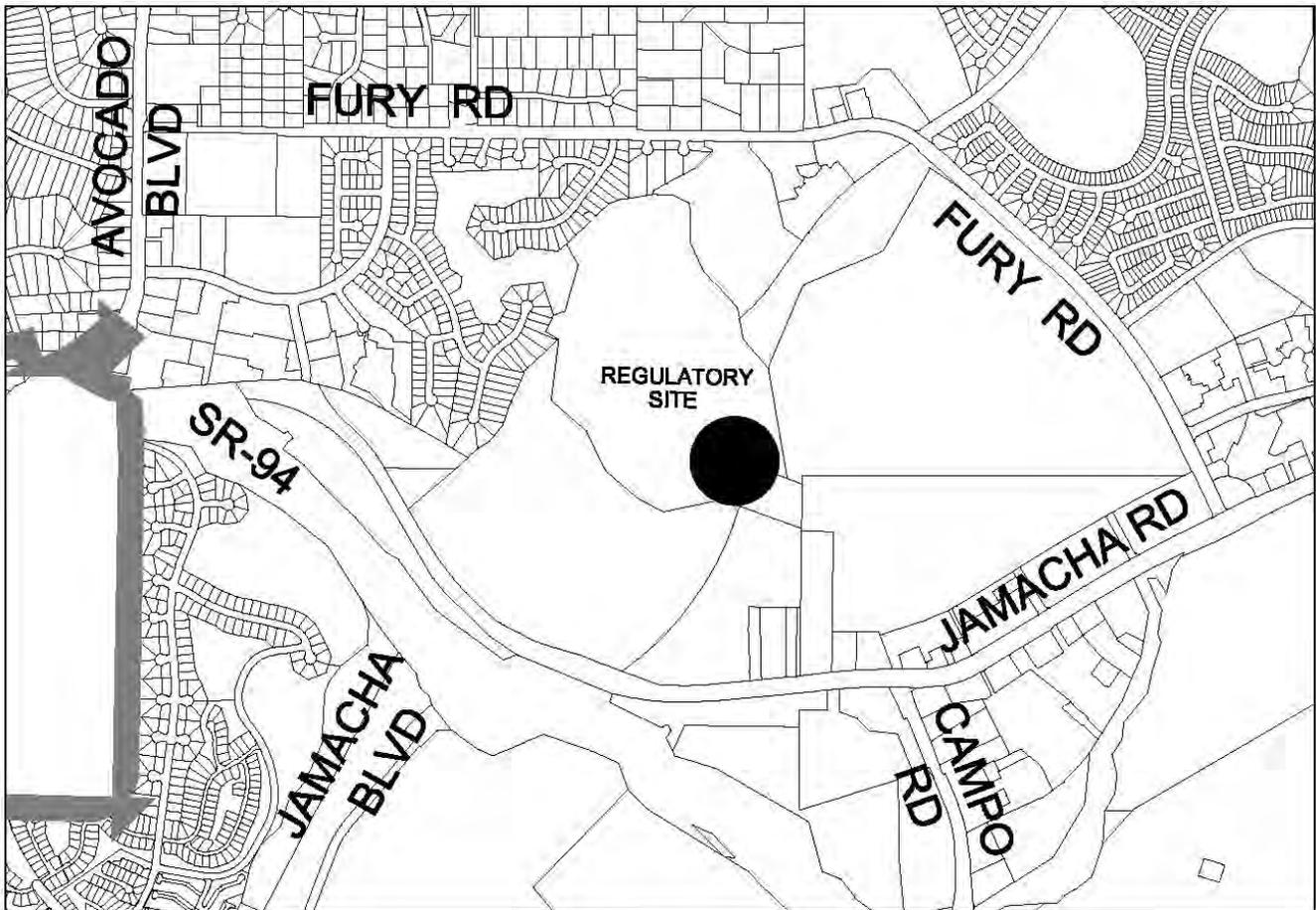
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2007	6/30/2017	\$300
DESIGN:			\$0
CONSTRUCTION:			\$0

PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$1,000	\$1,000	\$1,000	\$1,000	\$0	\$0	\$4,000
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

PROJECT LOCATION:

OWD Map Book: 343



Submitted By: Jolene Fielding

Date: 5/7/2015

<b>PROJECT TITLE:</b> Information Technology Network and Hardware	<b>CIP Number:</b> P2469
<b>PROJECT MANAGER:</b> Michael Kerr	<b>DIRECTOR DIVISION:</b> 0
<b>ORIGINAL APPROVED DATE:</b> 6/23/2008	<b>I.D. LOCATION:</b> District Wide
<b>RELATED CIP PROJECTS:</b>	<b>PRIORITY:</b> 1
	<b>BUDGET AMOUNT:</b> \$1,684,000

**DESCRIPTION OF PROJECT:**

This project will continue to upgrade the data center and networks and support operating system and security upgrades. Specific projects include further enhancements to our virtualized server environment, power monitoring equipment and purchase of necessary devices to support operations. Specific projects include:

- 1 Replacement of end-of-life servers with high capacity server enclosures (\$100K).
- 2 Power and data center management and software (\$25K).
- 3 Break-fix replacement for key data center items (\$25kK).
- 4 Enhancement to District's disaster recovery computing environment (\$25K).

**JUSTIFICATION OF PROJECT:**

Enhance data center hardware and software to accommodate purchase of new and more efficient services to enhance capacity, reliability, security, and disaster recovery. In addition, these funds will replace legacy end-of-life equipment.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	40 %	0 %	40 %
Betterment ID 22	0 %	60 %	0 %	0 %	60 %
<b>TOTAL:</b>	0 %	60 %	40 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$1,459	\$175	\$50	\$0	\$0	\$0	\$1,684

**CIP Number: P2469**

**PROJECT SCHEDULE:**

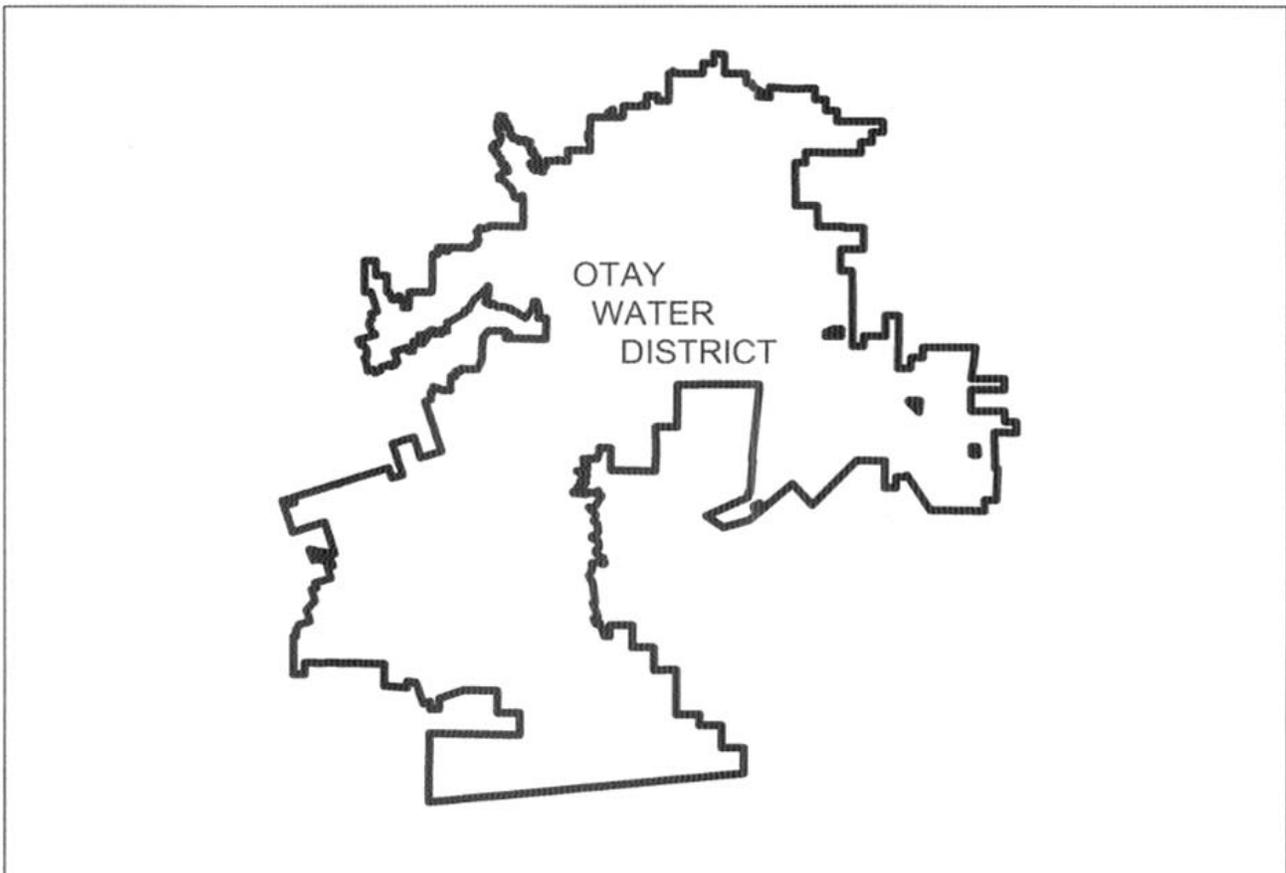
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE</b>	<b>ESTIMATED FINISHED DATE</b>	<b>ESTIMATED COST (X \$1,000):</b>
<b>PLANNING:</b>	7/1/2008	6/30/2017	\$1,684
<b>DESIGN:</b>			\$0
<b>CONSTRUCTION:</b>			\$0

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
<b>MAINT:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>ENERGY:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CHEMICAL:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book:**



**Submitted By:** Jolene Fielding

**Date:** 5/6/2015

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

<b>PROJECT TITLE:</b> Financial System Enhancements	<b>CIP Number:</b> P2470
<b>PROJECT MANAGER:</b> Michael Kerr	<b>DIRECTOR DIVISION:</b> 0
<b>ORIGINAL APPROVED DATE:</b> 6/23/2008	<b>I.D. LOCATION:</b> District Wide
<b>RELATED CIP PROJECTS:</b>	<b>PRIORITY:</b> 1
	<b>BUDGET AMOUNT:</b> \$1,765,000

**DESCRIPTION OF PROJECT:**

Develop enhancements, streamlining, and integration functionality for Eden to include Tyler Cashiering (\$40K) and Eden Self-Service Module (15K). These projects will commence during FY16. The initial cost proposal for the self-service components came in lower than expected, therefore, the total CIP funding will be \$55K to cover both projects.

Tyler Cashiering – Integration and centralization of payments based on customer payment type, collection process, and single point of entry for data, billing data, payment processing, and reporting features.

Eden Payroll & Self-Service – Automation of employee self-service information, payroll processing, increase efficiency, on-line access for District users.

**JUSTIFICATION OF PROJECT:**

This CIP funds the creation and enhancement and modifications of our existing financial information systems. Each year items which require software and hardware changes and additions to these systems are prioritized, scoped, and funded with this CIP. Funds are used for software development costs, software acquisition costs, consulting services, and associated new hardware.

1) Development with ESRI of GIS for Infrastructure Management (\$80K).  
 2) Support for Eden modifications for Work Order, Purchasing, and Billing System Modifications (\$50K).

**COMMENTS:**

**FUND DETAILS:**

FUNDING SOURCE:	Expansion	Betterment	Replacement	New Water Supply	Total
Replacement	0 %	0 %	60 %	0 %	60 %
Betterment ID 22	0 %	40 %	0 %	0 %	40 %
<b>TOTAL:</b>	0 %	40 %	60 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	FY
TOTAL	2016	2017	2018	2019	2020	2021	Total
	\$1,665	\$100	\$0	\$0	\$0	\$0	\$1,765

**CIP Number: P2470**

**PROJECT SCHEDULE:**

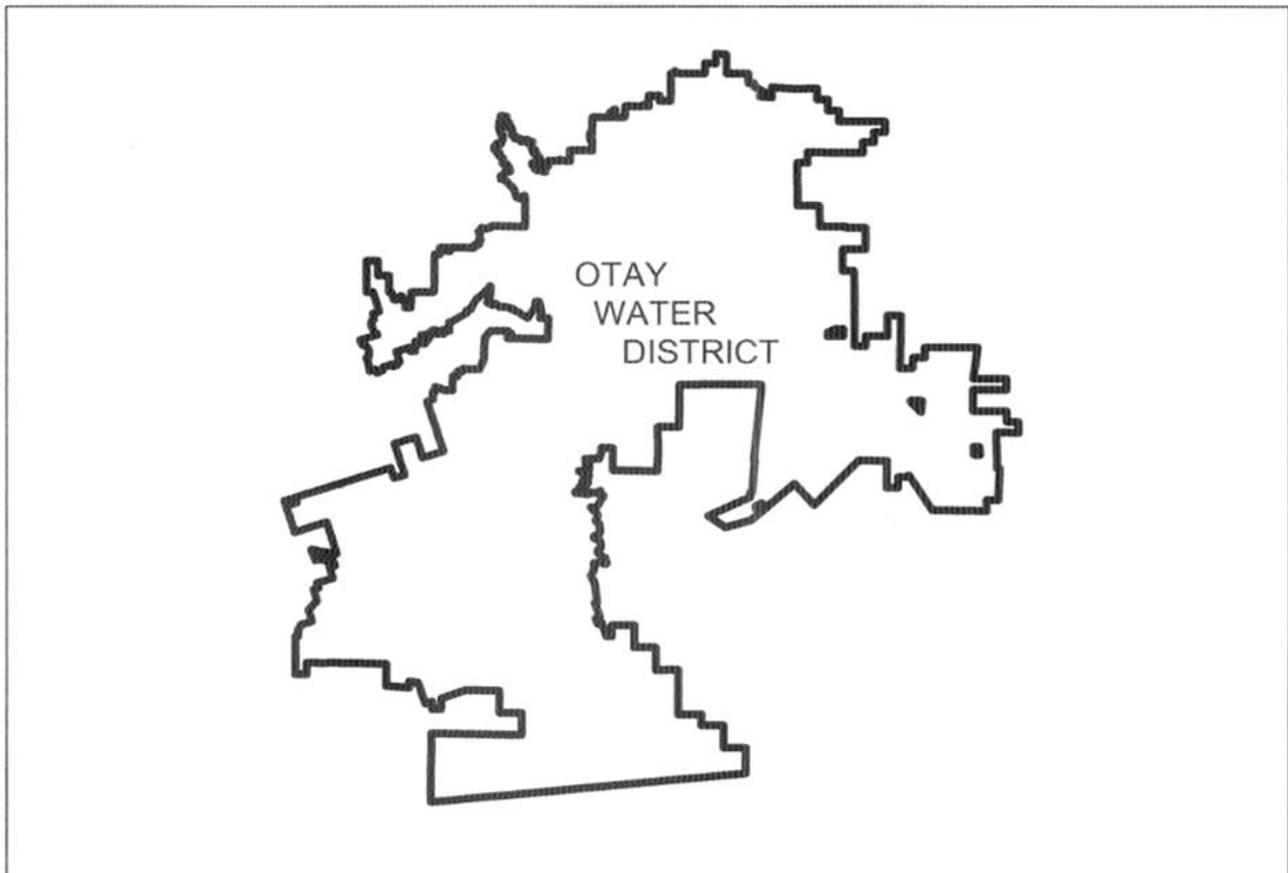
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE</b>	<b>ESTIMATED FINISHED DATE</b>	<b>ESTIMATED COST (X \$1,000):</b>
<b>PLANNING:</b>	7/1/2008	6/1/2016	\$1,765
<b>DESIGN:</b>			\$0
<b>CONSTRUCTION:</b>			\$0

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
<b>MAINT:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>ENERGY:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CHEMICAL:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book:**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

<b>PROJECT TITLE:</b> Asset Management Plan Condition Assessment and Data Acquisition		<b>CIP Number:</b> P2486					
<b>PROJECT MANAGER:</b> Ming Zhao		<b>DIRECTOR DIVISION:</b> 0		<b>I.D. LOCATION:</b> District Wide			
<b>ORIGINAL APPROVED DATE:</b> 5/21/2009		<b>PRIORITY:</b> 1		<b>BUDGET AMOUNT:</b> \$1,015,000			
<b>RELATED CIP PROJECTS:</b>							
<b>DESCRIPTION OF PROJECT:</b>							
<p>This project is for the development of an integrated Asset Management system. Funds in 2016 will be used to assign the criticality to major facilities and testing of condition assessment methodologies. Implement the Asset Management software - inforMaster. Explored the analytical capabilities to better use asset management information.</p>							
<b>JUSTIFICATION OF PROJECT:</b>							
<p>Implementation of an Asset Management Plan is best practice and will provide for a formal means of maintaining, replacing, and funding the existing fixed assets. It is a strategic objective in the existing and new strategic plan.</p>							
<b>COMMENTS:</b>							
<b>FUND DETAILS:</b>							
<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>		
Expansion	40 %	0 %	0 %	0 %	40 %		
Betterment ID 22	0 %	60 %	0 %	0 %	60 %		
<b>TOTAL:</b>	40 %	60 %	0 %	0 %	100 %		
<b>EXPENDITURE SCHEDULE (X \$1,000):</b>							
<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$837	\$75	\$28	\$0	\$0	\$0	\$1,015

**CIP Number: P2486**

**PROJECT SCHEDULE:**

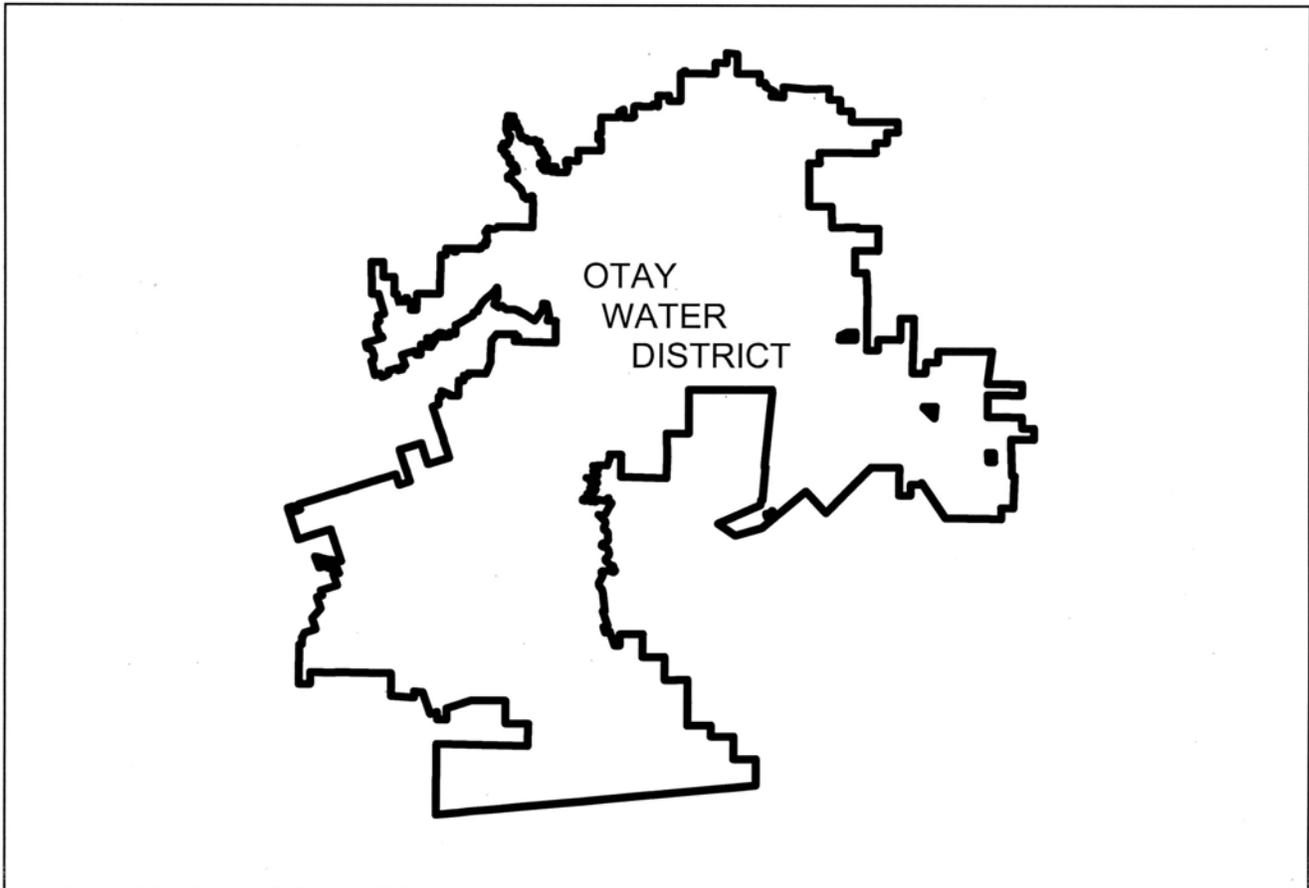
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE</b>	<b>ESTIMATED FINISHED DATE</b>	<b>ESTIMATED COST (X \$1,000):</b>
<b>PLANNING:</b>	7/1/2009	6/30/2018	\$1,015
<b>DESIGN:</b>			\$0
<b>CONSTRUCTION:</b>			\$0

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
<b>MAINT:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>ENERGY:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CHEMICAL:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book:**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

<b>PROJECT TITLE:</b> Otay Interconnect Pipeline	<b>CIP Number:</b> P2511
<b>PROJECT MANAGER:</b> Jeff Marchioro	<b>DIRECTOR DIVISION:</b> 3
<b>ORIGINAL APPROVED DATE:</b> 5/17/2010	<b>I.D. LOCATION:</b> 22
<b>RELATED CIP PROJECTS:</b> P2528	<b>PRIORITY:</b> 1
	<b>BUDGET AMOUNT:</b> \$37,300,000

**DESCRIPTION OF PROJECT:**

This project will provide for a 30-inch transmission main interconnection and pump station between the North District and South District to transport 10,000 gallons per minute between the two systems in either direction. Also, the system will allow for the ability to transfer water from the Sweetwater Authority Perdue Water Treatment Plant into either the North or South Districts. This project was previously titled "North District - South District Interconnection System."

**JUSTIFICATION OF PROJECT:**

The Integrated Water Resources Plan identifies the objective, goals, purpose, and benefits of interconnecting the North and South Districts as well as for the need to diversify water resources for increased reliability.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Expansion	40 %	0 %	0 %	0 %	40 %
Betterment ID 22	0 %	60 %	0 %	0 %	60 %
<b>TOTAL:</b>	40 %	60 %	0 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>							
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>	
	\$2,047	\$50	\$200	\$200	\$102	\$1	\$1	\$2,601

CIP Number: P2511

**PROJECT SCHEDULE:**

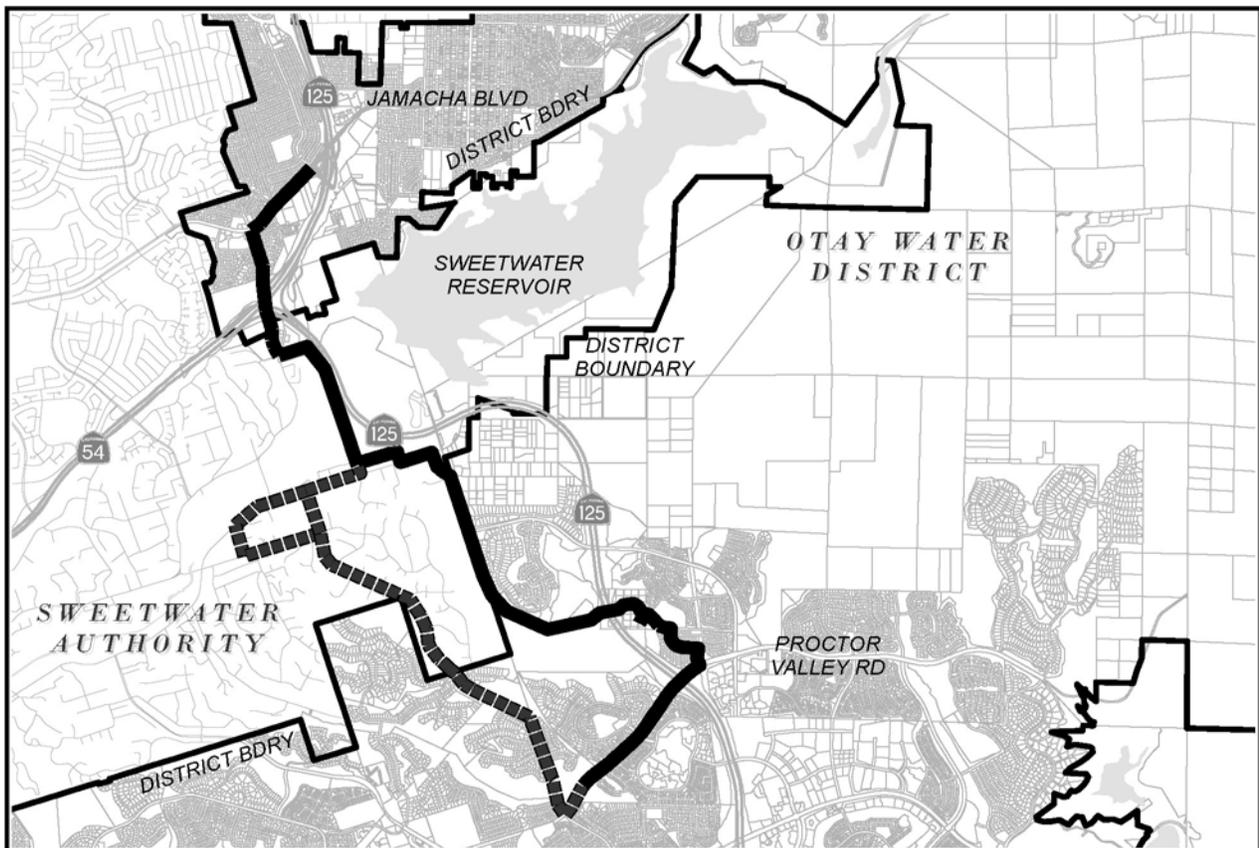
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2010	6/1/2014	\$1,250
DESIGN:	6/1/2013	6/30/2023	\$2,200
CONSTRUCTION:	7/1/2023	6/30/2025	\$33,850

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 184**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**PROJECT TITLE:** Operations Yard Property Acquisition Improvements

**CIP Number:** P2537

**DIRECTOR DIVISION:** 4

**PROJECT MANAGER:** Stephen Beppler

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:** 11/13/2008

**PRIORITY:** 1

**RELATED CIP PROJECTS:** P2479

**BUDGET AMOUNT:** \$775,000

**DESCRIPTION OF PROJECT:**

The project will provide site improvements including fencing, grading, and paving for vehicle parking and equipment storage. After the one year warranty is complete, the District's Administration and Operations parking lots will be slurry sealed and restriped.

**JUSTIFICATION OF PROJECT:**

The site improvements are required to provide flexibility in operations and for future expansion purposes.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Betterment ID 22	0 %	100 %	0 %	0 %	100 %
<b>TOTAL:</b>	0 %	100 %	0 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$160	\$450	\$150	\$15	\$0	\$0	\$775

CIP Number: P2537

**PROJECT SCHEDULE:**

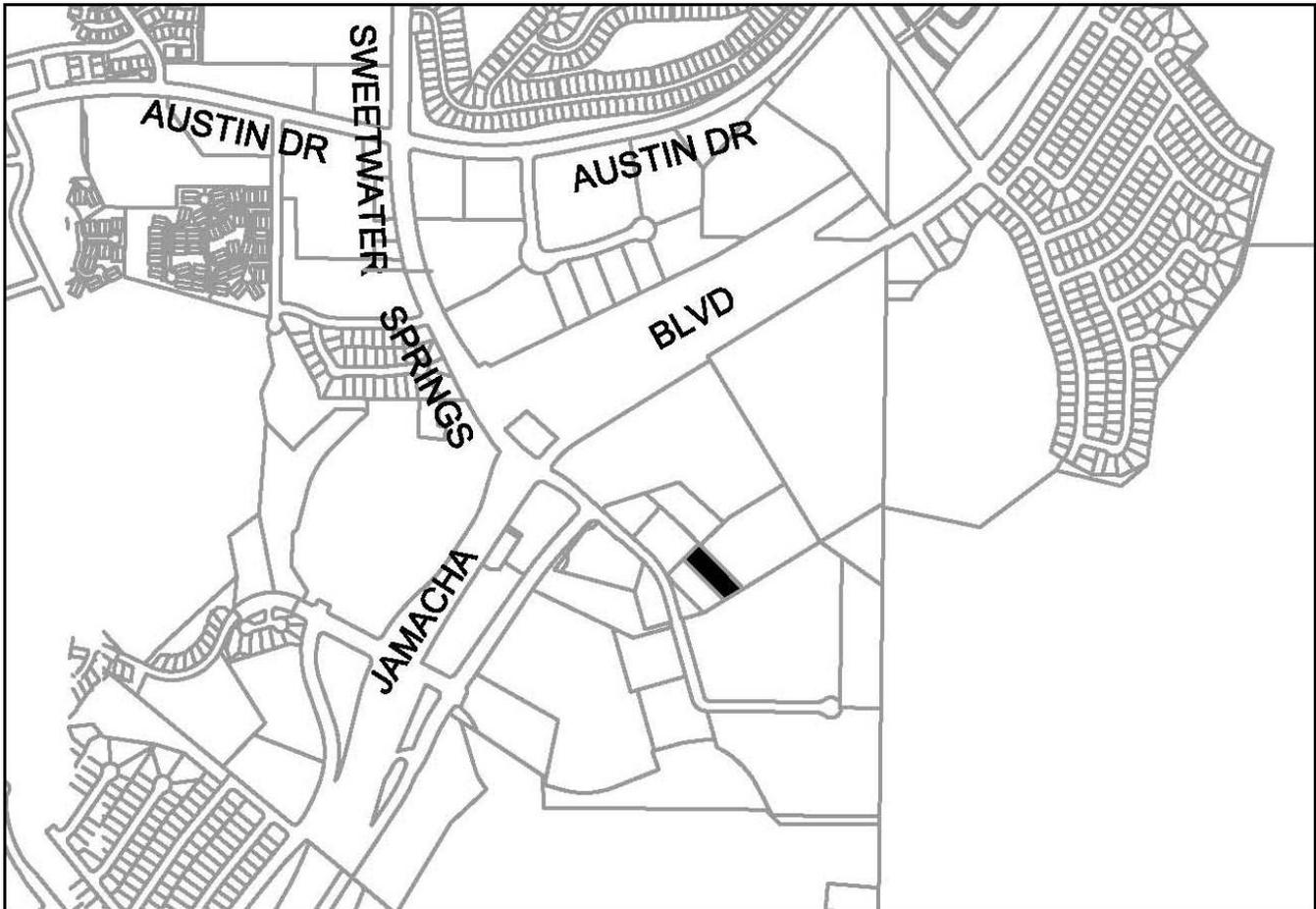
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	6/1/2008	6/30/2014	\$25
DESIGN:	7/1/2018		\$135
CONSTRUCTION:	10/1/2015	6/30/2018	\$615

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$1	\$0	\$1
ENERGY:	\$0	\$700	\$725	\$750	\$775	\$800	\$3,750
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 318**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

<b>PROJECT TITLE:</b> Work Order Management System Replacement		<b>CIP Number:</b> P2540					
<b>PROJECT MANAGER:</b> Michael Kerr		<b>DIRECTOR DIVISION:</b> 0	<b>I.D. LOCATION:</b> District Wide				
<b>ORIGINAL APPROVED DATE:</b>		<b>PRIORITY:</b> 1					
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b> \$500,000					
<b>DESCRIPTION OF PROJECT:</b>							
Replace existing work order system.							
<b>JUSTIFICATION OF PROJECT:</b>							
The work order system will organize and track all activities associated with District assets. As part of the implementation of enterprise asset management, the work order system will adopt a GIS centric architecture and integrate efficiently with other core systems. In addition, it needs to be able to assist in all phases of asset creation, maintenance, replacement, and decommission. The current system is at the end of its useful life and does not have the ability to be modified to meet these needs.							
<b>COMMENTS:</b>							
<b>FUND DETAILS:</b>							
<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>		
Replacement	0 %	0 %	60 %	0 %	60 %		
Betterment ID 22	0 %	40 %	0 %	0 %	40 %		
<b>TOTAL:</b>	0 %	40 %	60 %	0 %	100 %		
<b>EXPENDITURE SCHEDULE (X \$1,000):</b>							
<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$340	\$60	\$100	\$0	\$0	\$0	\$500

**CIP Number: P2540**

**PROJECT SCHEDULE:**

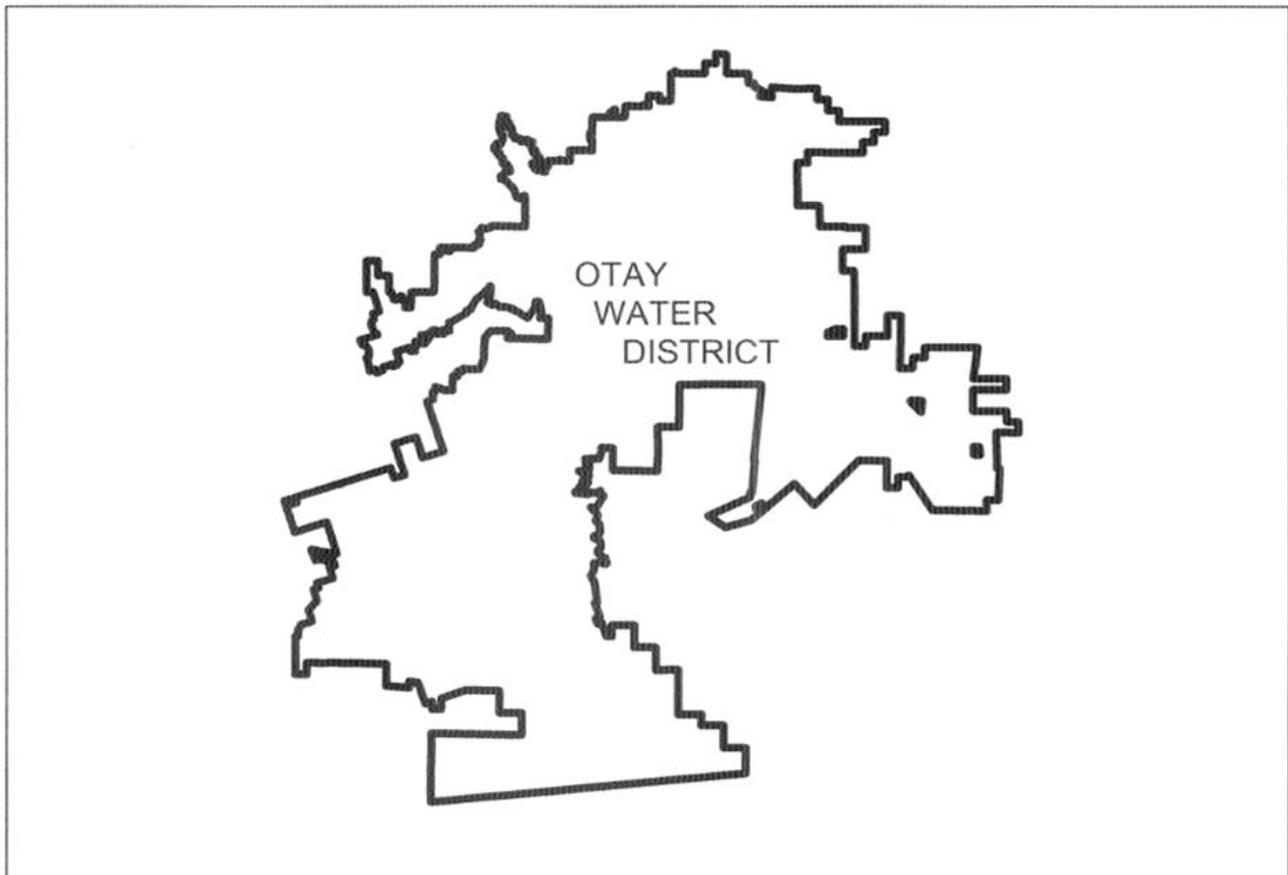
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE</b>	<b>ESTIMATED FINISHED DATE</b>	<b>ESTIMATED COST (X \$1,000):</b>
<b>PLANNING:</b>			\$0
<b>DESIGN:</b>			\$0
<b>CONSTRUCTION:</b>	7/1/2013	6/30/2017	\$500

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
<b>MAINT:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>ENERGY:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CHEMICAL:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book:**



**Submitted By:** Rita Bell

**Date:** 4/29/2015

<b>PROJECT TITLE:</b> 624 Pressure Zone PRSs	<b>CIP Number:</b> P2541
<b>PROJECT MANAGER:</b> Jeff Marchioro	<b>DIRECTOR DIVISION:</b> 2
<b>ORIGINAL APPROVED DATE:</b>	<b>I.D. LOCATION:</b> 22
<b>RELATED CIP PROJECTS:</b> P2434	<b>PRIORITY:</b> 1
	<b>BUDGET AMOUNT:</b> \$750,000

**DESCRIPTION OF PROJECT:**  
This project will provide two pressure reducing stations feeding the 458 and 485 Pressure Zones from the 624 Pressure Zone (Sequoia & Brandywine 624/458 PRS and Terra Nova Drive 624/485 PRS, respectively).

**JUSTIFICATION OF PROJECT:**  
This project would upgrade the 485 and 485 Pressure Zones to improve fire flow and enhance system reliability. The 624/485 PRS project will also improve blending and distribution of treated water from the future Rancho Del Rey Groundwater Well (CIP P2434).

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Betterment ID 22	0 %	100 %	0 %	0 %	100 %
<b>TOTAL:</b>	0 %	100 %	0 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$220	\$525	\$5	\$0	\$0	\$0	\$750

**CIP Number: P2541**

**PROJECT SCHEDULE:**

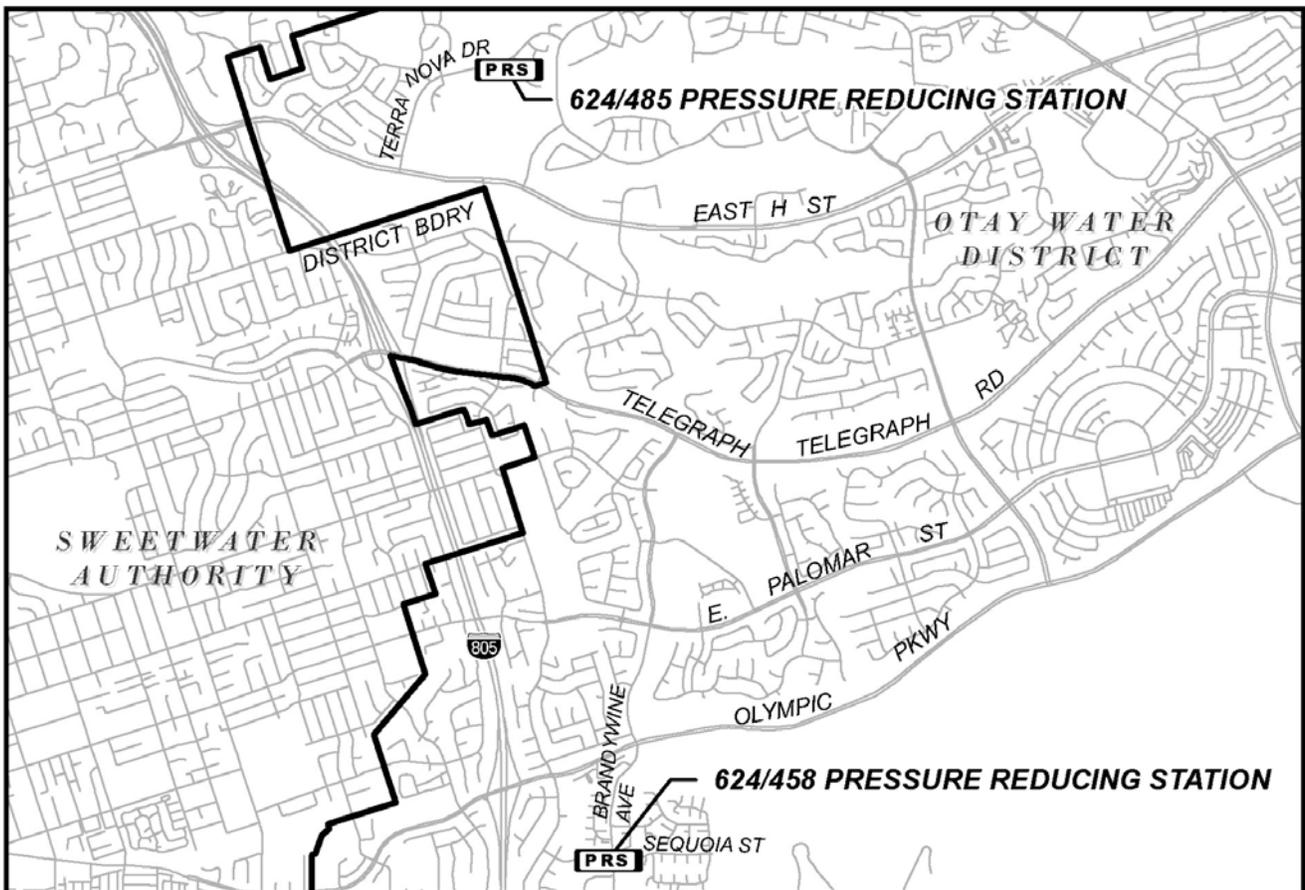
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2013	8/1/2013	\$2
DESIGN:	8/1/2013	7/1/2015	\$220
CONSTRUCTION:	7/1/2015	6/30/2016	\$528

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 127**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

<b>PROJECT TITLE:</b> District Administration Vehicle Charging Stations	<b>CIP Number:</b> P2547
<b>PROJECT MANAGER:</b> Stephen Beppler	<b>DIRECTOR DIVISION:</b> 3
<b>ORIGINAL APPROVED DATE:</b>	<b>I.D. LOCATION:</b> 22
<b>RELATED CIP PROJECTS:</b>	<b>PRIORITY:</b> 1
	<b>BUDGET AMOUNT:</b> \$60,000

**DESCRIPTION OF PROJECT:**  
Construct four (4) electric vehicle charging stations at the lower Administration parking lot.

**JUSTIFICATION OF PROJECT:**  
Alternative fueled vehicles are becoming more common, with electric only vehicles making up a significant portion of these. To support the needs of these vehicles and their limited driving range, the District proposes installing vehicle charging stations to allow employees to consider their use for their commute.

**COMMENTS:**  
\$1,000 for Permit  
\$14,600 for each Charging Station with dual power docks (2 total)  
\$15,000 Installation  
\$5,000 for Conduit

**FUND DETAILS:**

FUNDING SOURCE:	Expansion	Betterment	Replacement	New Water Supply	Total
Expansion	40 %	0 %	0 %	0 %	40 %
Betterment ID 22	0 %	60 %	0 %	0 %	60 %
<b>TOTAL:</b>	40 %	60 %	0 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

PRIOR YEARS:	FY						
TOTAL	2016	2017	2018	2019	2020	2021	Total
	\$11	\$1	\$43	\$5	\$0	\$0	\$0
	\$1	\$43	\$5	\$0	\$0	\$0	\$60

CIP Number: P2547

**PROJECT SCHEDULE:**

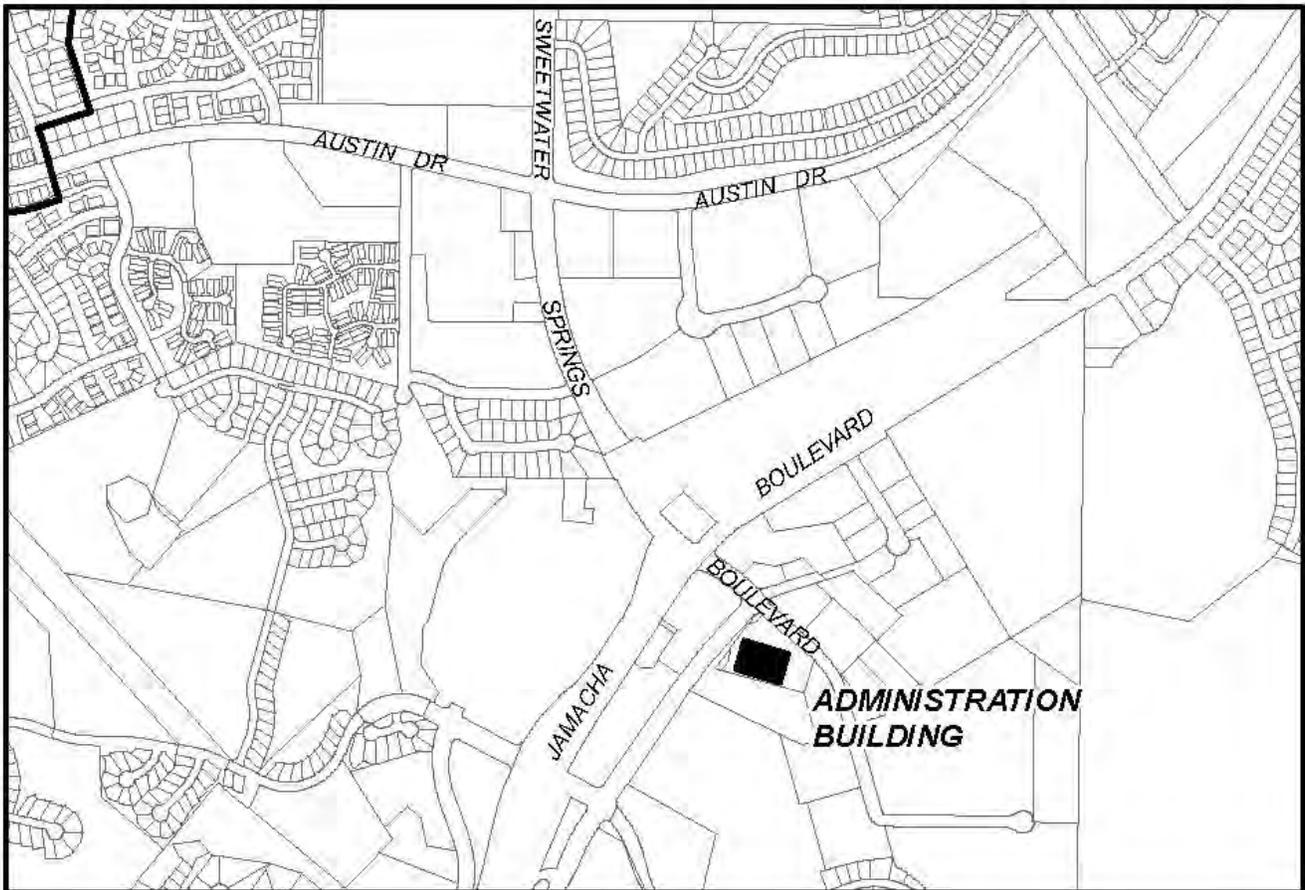
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2014	6/30/2015	\$10
DESIGN:	7/1/2015	6/30/2016	\$10
CONSTRUCTION:	7/1/2016	6/30/2018	\$40

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$200	\$200	\$200	\$200	\$200	\$1,000
ENERGY:	\$0	\$500	\$500	\$500	\$500	\$500	\$2,500
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 318**



**Submitted By:** Jolene Fielding

**Date:** 5/11/2015

**PROJECT TITLE:** Sump Pump Installation at the 980-1 & 2 Reservoirs

**CIP Number:** P2548

**DIRECTOR DIVISION:** 5

**PROJECT MANAGER:** Don Anderson

**I.D. LOCATION:** 22/27

**ORIGINAL APPROVED DATE:**

**PRIORITY:** 1

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$35,000

**DESCRIPTION OF PROJECT:**

Install power for sump pumps in two altitude valve vaults located at the 980-1 & 2 Reservoirs.

**JUSTIFICATION OF PROJECT:**

The vaults constantly fill up with ground water and staff needs to pump the water out, by adding an electric sump pump it will pump the water out of the vaults automatically.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$5	\$0	\$0	\$0	\$0	\$0	\$5

CIP Number: P2548

**PROJECT SCHEDULE:**

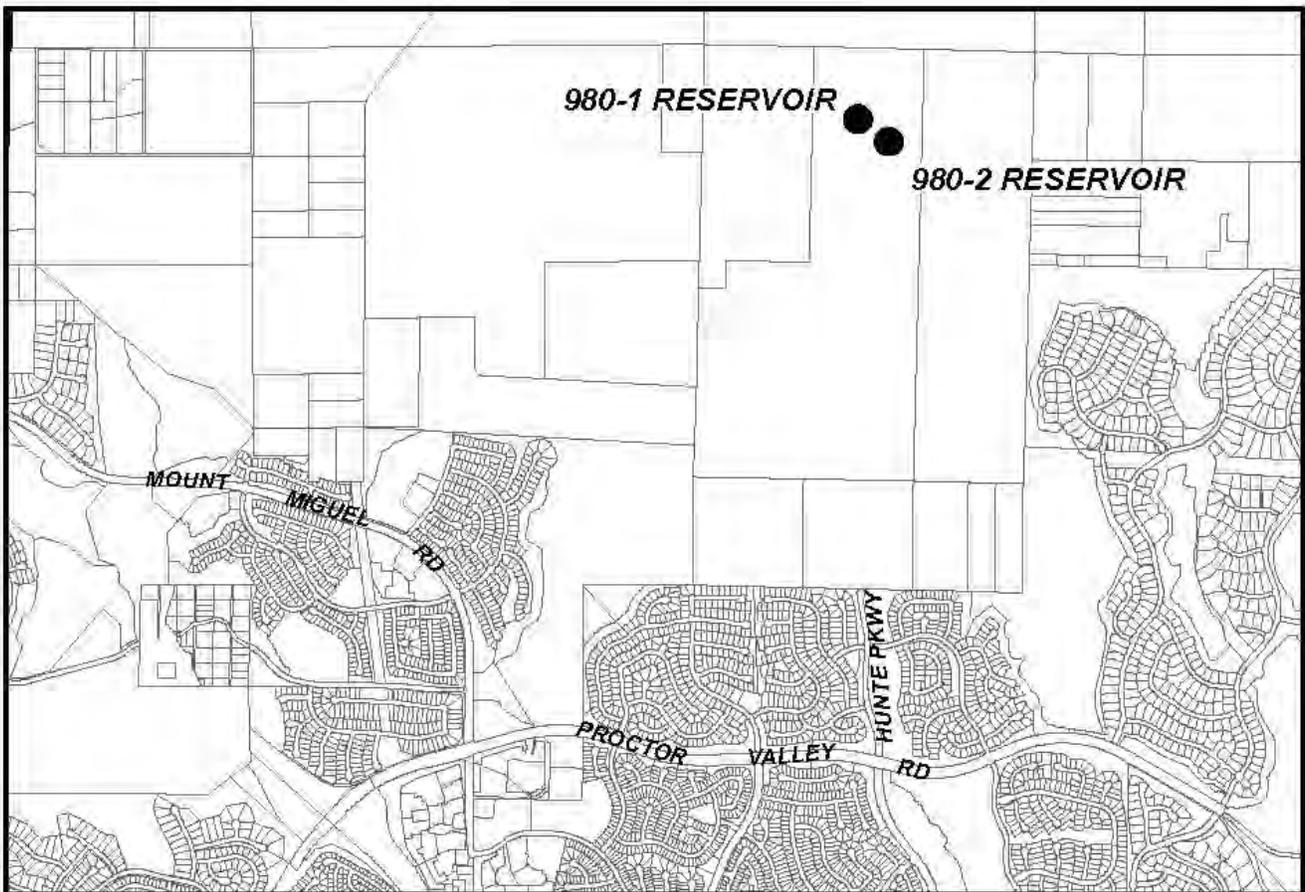
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2014	9/30/2014	\$0
DESIGN:	10/1/2014	3/31/2015	\$0
CONSTRUCTION:	4/1/2014	6/30/2015	\$35

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 172**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**PROJECT TITLE:** Fuel System Upgrade

**CIP Number:** P2549

**DIRECTOR DIVISION:** 3

**PROJECT MANAGER:** Kent Payne

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:**

**PRIORITY:** 1

**RELATED CIP PROJECTS:** P2550

**BUDGET AMOUNT:** \$30,000

**DESCRIPTION OF PROJECT:**

This project is to upgrade the Districts fuel system, both in the vehicles as well as the fuel island.

**JUSTIFICATION OF PROJECT:**

This project will allow any employee to fill a District vehicle with no training. Authorizations and transactions will be done wireless so electrical lines run through the fuel hoses or ground loops will be used and it will also allow Management tighter control on the dispensing of fuel by placing limits on types of fueling and have better reporting features.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$0	\$30	\$0	\$0	\$0	\$0	\$30

CIP Number: P2549

**PROJECT SCHEDULE:**

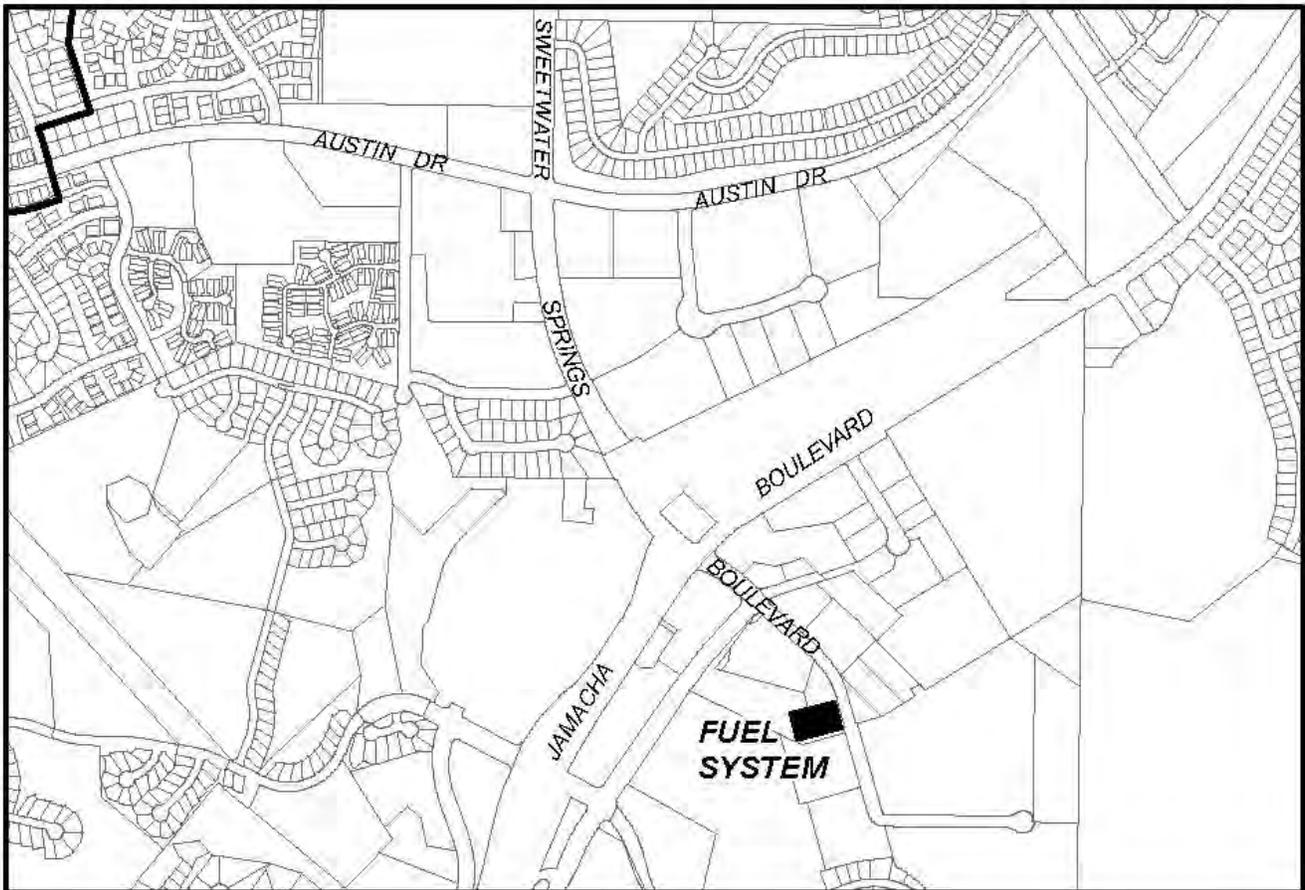
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	6/1/2015	7/31/2015	\$1
DESIGN:	8/1/2015	9/30/2015	\$1
CONSTRUCTION:	10/1/2015	12/31/2015	\$28

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 318**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**PROJECT TITLE:** Blossom Lane Helix WD and Otay WD Interconnection

**CIP Number:** P2551

**DIRECTOR DIVISION:** 3

**PROJECT MANAGER:** Stephen Beppler

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:**

**PRIORITY:** 2

**RELATED CIP PROJECTS:** P2552

**BUDGET AMOUNT:** \$200,000

**DESCRIPTION OF PROJECT:**

To upgrade meter, vault, telemetry and other interconnection appurtenances to meet current standards.

**JUSTIFICATION OF PROJECT:**

Upgrade interconnection to current standards.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Betterment ID 1	0 %	100 %	0 %	0 %	100 %
<b>TOTAL:</b>	0 %	100 %	0 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$30	\$150	\$13	\$0	\$0	\$0	\$193

CIP Number: P2551

PROJECT SCHEDULE:

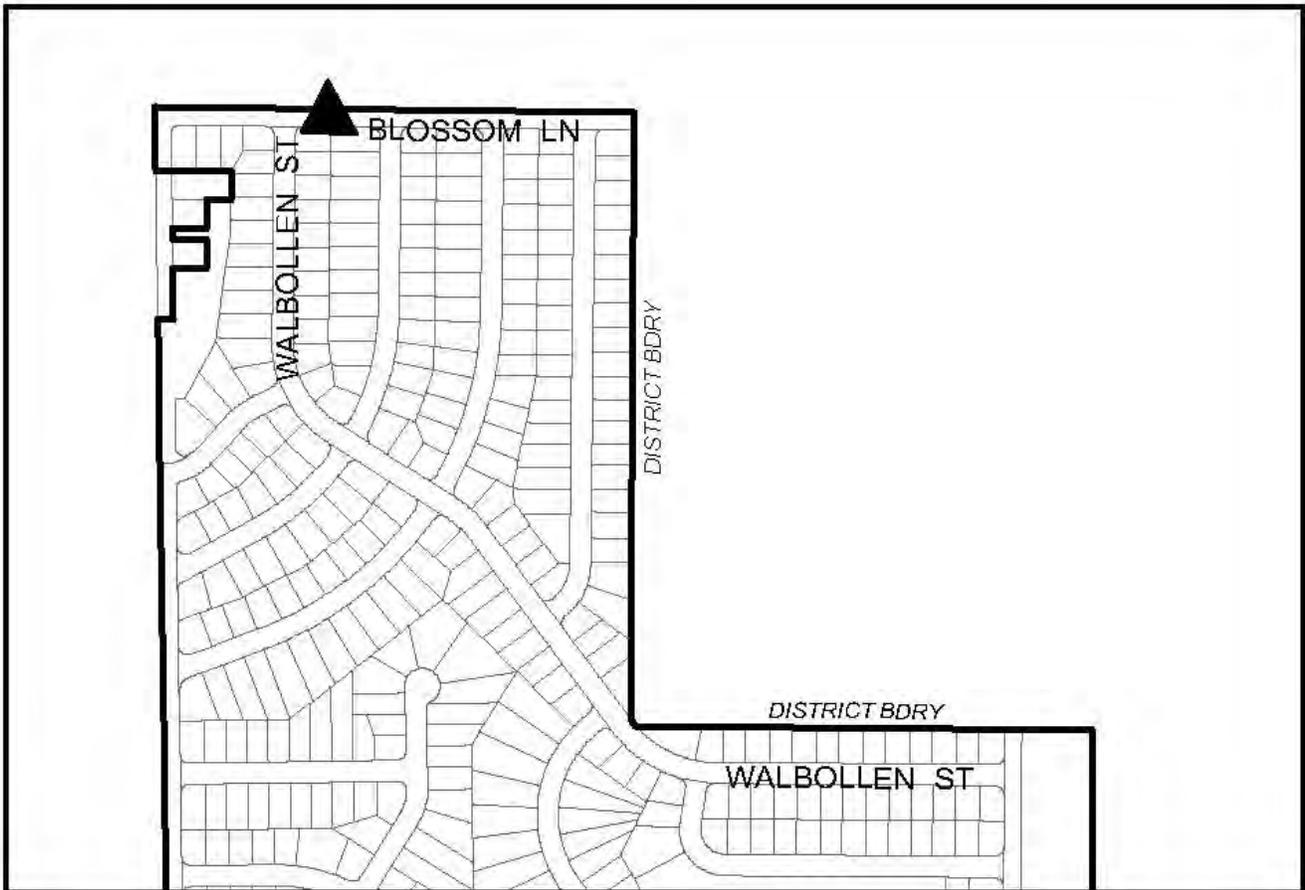
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2014	6/1/2015	\$5
DESIGN:	7/1/2015	3/1/2016	\$25
CONSTRUCTION:	3/1/2016	9/1/2016	\$170

PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

PROJECT LOCATION:

OWD Map Book: 315



Submitted By: Jolene Fielding

Date: 5/7/2015

**PROJECT TITLE:** South Barcelona Helix WD and Otay WD Interconnection

**CIP Number:** P2552

**DIRECTOR DIVISION:** 3

**PROJECT MANAGER:** Stephen Beppler

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:**

**PRIORITY:** 2

**RELATED CIP PROJECTS:** P2551

**BUDGET AMOUNT:** \$200,000

**DESCRIPTION OF PROJECT:**

To upgrade the meter, telemetry, vault, and other interconnection appurtenances to current standards.

**JUSTIFICATION OF PROJECT:**

To upgrade the existing interconnection to meet current standards.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Betterment ID 22	0 %	100 %	0 %	0 %	100 %
<b>TOTAL:</b>	0 %	100 %	0 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$30	\$150	\$20	\$0	\$0	\$0	\$200

CIP Number: P2552

**PROJECT SCHEDULE:**

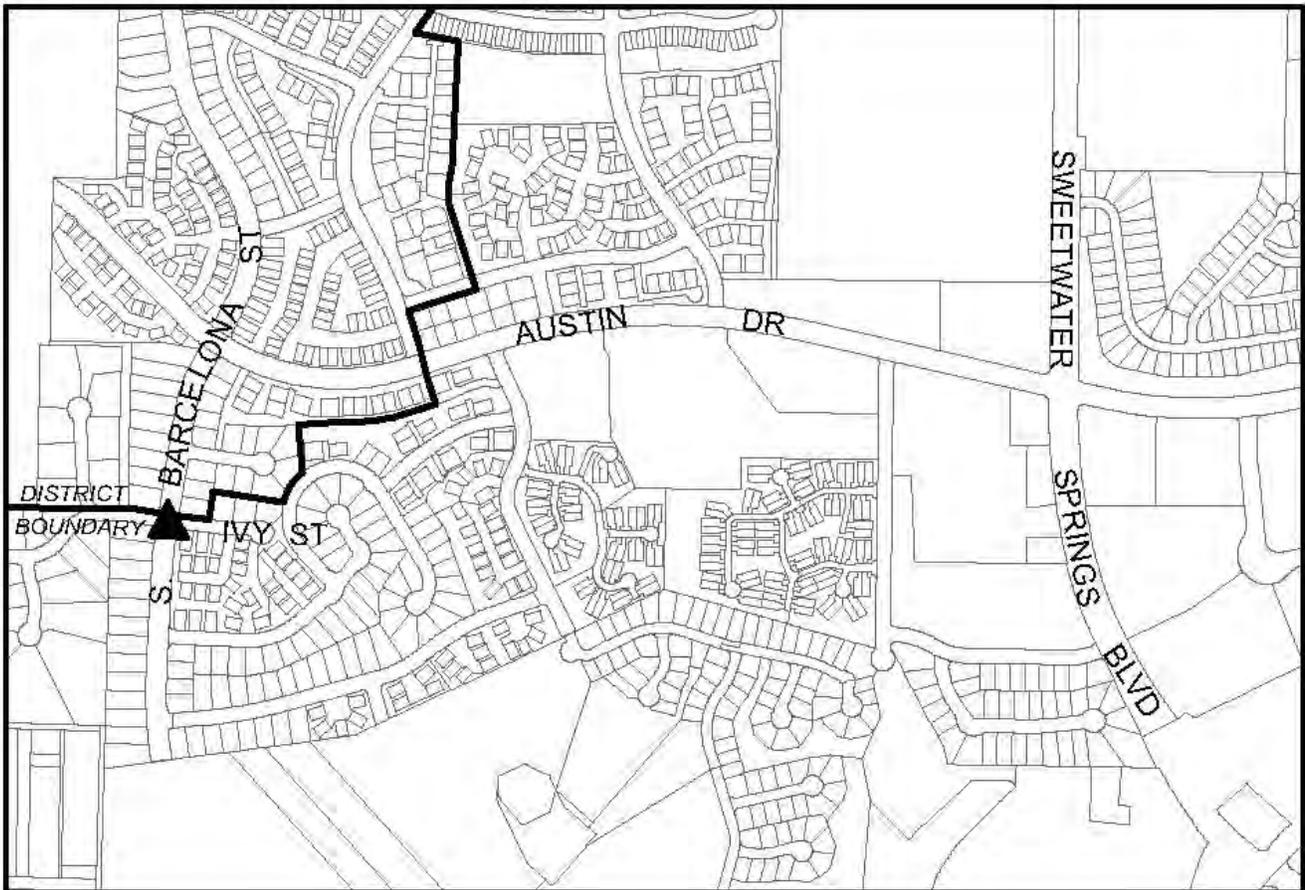
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2014	9/1/2014	\$5
DESIGN:	7/1/2015	3/1/2016	\$30
CONSTRUCTION:	3/1/2016	9/1/2016	\$165

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 317**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

<b>PROJECT TITLE:</b> 640/340 PRS at Energy Way and Nirvana Avenue	<b>CIP Number:</b> P2554
<b>PROJECT MANAGER:</b> Jeff Marchioro	<b>DIRECTOR DIVISION:</b> 2
<b>ORIGINAL APPROVED DATE:</b>	<b>I.D. LOCATION:</b> 22
<b>RELATED CIP PROJECTS:</b> P2405	<b>PRIORITY:</b> 2
	<b>BUDGET AMOUNT:</b> \$400,000

**DESCRIPTION OF PROJECT:**

This project will provide a pressure reducing station near Energy Way and Nirvana Avenue. The PRS will feed the 340 Pressure Zone from the 640 Pressure Zone. The existing Energy Way pipeline will be converted from the 340 pressure zone to the higher 640 pressure zone with the Village 3 North pipeline interconnection proposed for the intersection of Heritage Road and Energy Way.

**JUSTIFICATION OF PROJECT:**

This project would upgrade the 340 pressure to improve fire flow and enhance system reliability.

**COMMENTS:**

**FUND DETAILS:**

FUNDING SOURCE:	Expansion	Betterment	Replacement	New Water Supply	Total
Expansion	100 %	0 %	0 %	0 %	100 %
<b>TOTAL:</b>	100 %	0 %	0 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	FY
TOTAL	2016	2017	2018	2019	2020	2021	Total
	\$0	\$1	\$1	\$50	\$250	\$75	\$23
	\$1	\$1	\$50	\$250	\$75	\$23	\$400

CIP Number: P2554

PROJECT SCHEDULE:

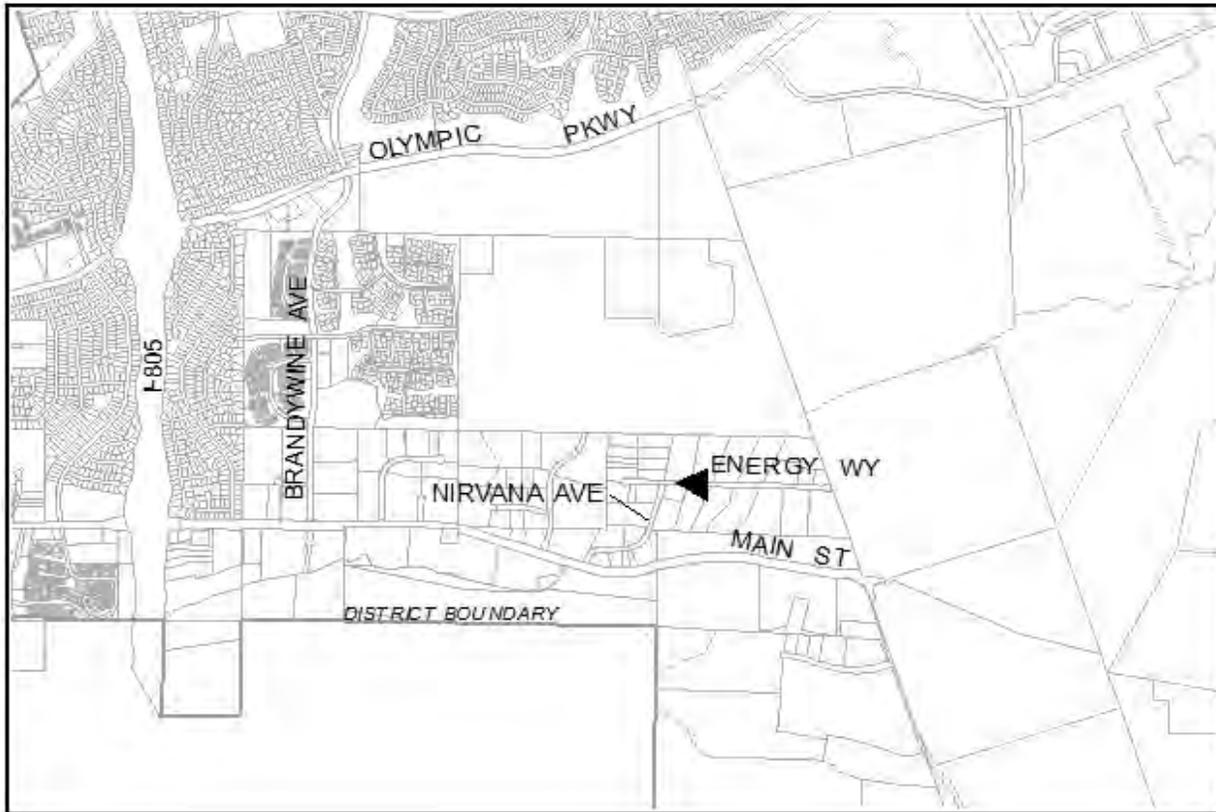
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2015	6/30/2017	\$20
DESIGN:	7/1/2017	6/30/2018	\$75
CONSTRUCTION:	7/1/2018	6/30/2020	\$305

PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

PROJECT LOCATION:

OWD Map Book: 050



Submitted By: Jolene Fielding

Date: 5/11/2015

**PROJECT TITLE:** Administration and Operations Parking Lot Improvements

**CIP Number:** P2555

**DIRECTOR DIVISION:** 3

**PROJECT MANAGER:** Kevin Cameron

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:**

**PRIORITY:** 2

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$500,000

**DESCRIPTION OF PROJECT:**

AC Pavement repairs, slurry seal, re-striping and update area lighting improvements to existing Administration and Operations parking lots.

**JUSTIFICATION OF PROJECT:**

Parking lot needs to be re-striped and AC pavement needs to be resealed. Area lighting will be updated to more energy efficient fixtures.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$0	\$10	\$50	\$100	\$100	\$100	\$140
							\$500

CIP Number: P2555

PROJECT SCHEDULE:

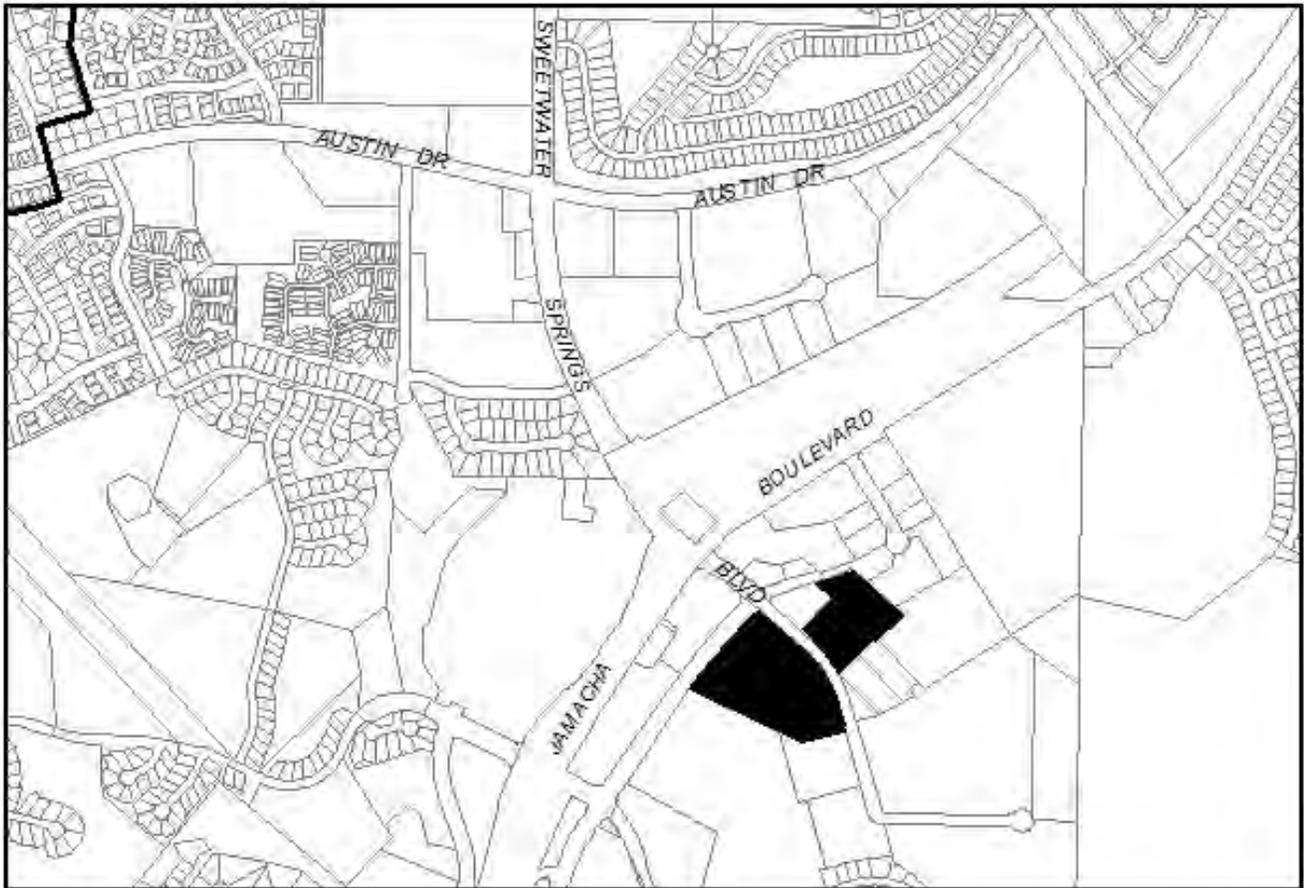
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2015	6/30/2016	\$10
DESIGN:	7/1/2016	6/30/2018	\$75
CONSTRUCTION:	7/1/2018	6/30/2021	\$415

PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

PROJECT LOCATION:

OWD Map Book: 318



Submitted By: Jolene Fielding

Date: 5/7/2015

**PROJECT TITLE:** Res - 711-3 Reservoir Cover/Liner Replacement

**CIP Number:** P2561

**DIRECTOR DIVISION:** 5

**PROJECT MANAGER:** Jeff Marchioro

**I.D. LOCATION:** 22/27

**ORIGINAL APPROVED DATE:**

**PRIORITY:** 2

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$1,800,000

**DESCRIPTION OF PROJECT:**

This project is for the replacement of the existing membrane floating cover and liner with new membrane system.

**JUSTIFICATION OF PROJECT:**

The existing membrane floating cover and liner have reached the end of their useful lives and require replacement to meet regulatory requirements.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$0	\$5	\$95	\$1,700	\$0	\$0	\$1,800

CIP Number: P2561

**PROJECT SCHEDULE:**

PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2015	6/30/2017	\$10
DESIGN:	1/1/2017	9/30/2017	\$90
CONSTRUCTION:	10/1/2017	6/30/2018	\$1,700

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 159**



**Submitted By:** Jolene Fielding

**Date:** 5/6/2015

**PROJECT TITLE:** Res - 571-1 Reservoir Cover/Liner Replacement

**CIP Number:** P2562

**DIRECTOR DIVISION:** 2

**PROJECT MANAGER:** Jeff Marchioro

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:**

**PRIORITY:** 3

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$2,600,000

**DESCRIPTION OF PROJECT:**

This project is for the replacement of the existing membrane floating cover and liner with new membrane system.

**JUSTIFICATION OF PROJECT:**

The existing membrane floating cover and liner have reached the end of their useful lives and require replacement to meet regulatory requirements.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>							
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>	
	\$0	\$1	\$9	\$10	\$90	\$2,490	\$0	\$2,600

CIP Number: P2562

**PROJECT SCHEDULE:**

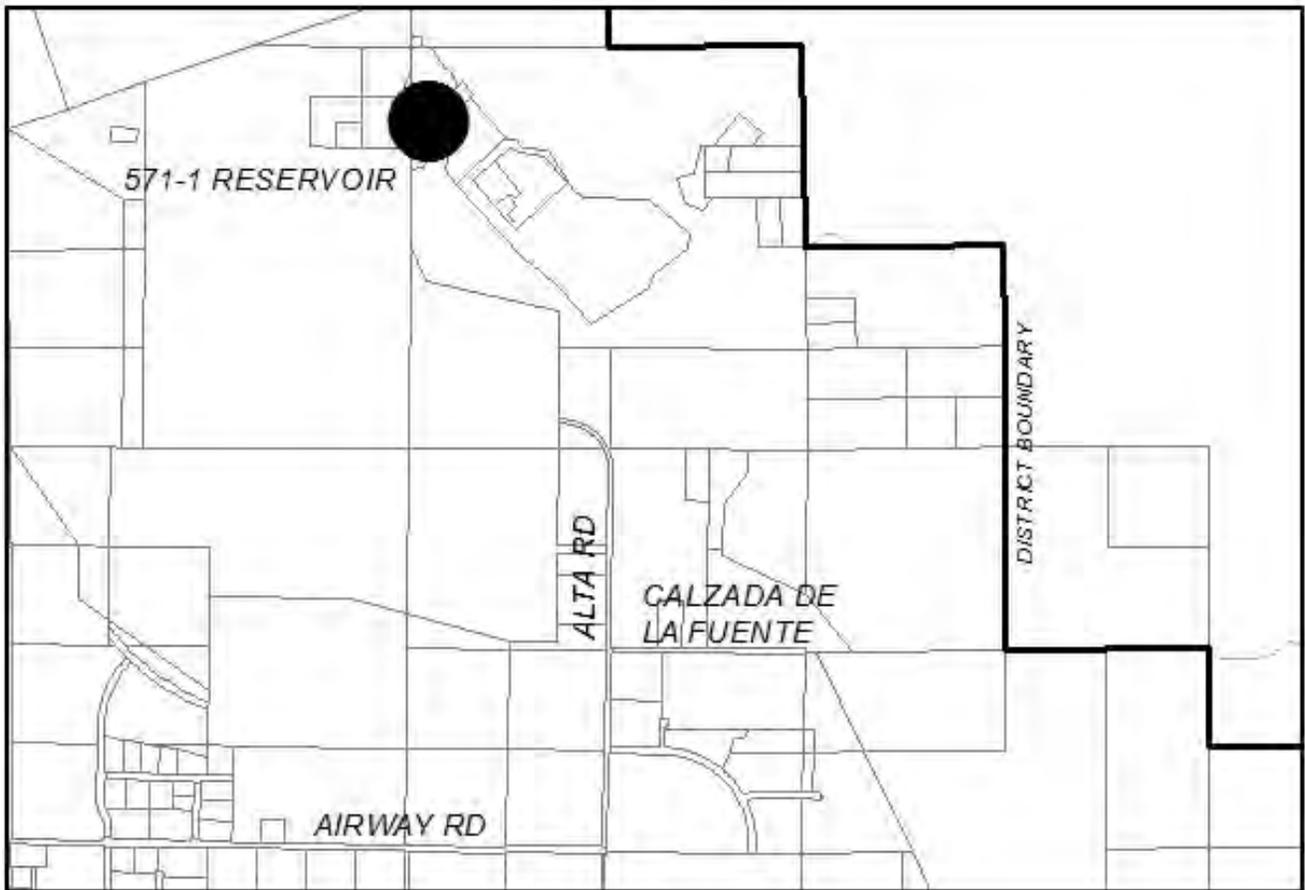
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2015	6/30/2019	\$10
DESIGN:	1/1/2019	9/30/2019	\$100
CONSTRUCTION:	10/1/2019	6/30/2020	\$2,490

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 55**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**PROJECT TITLE:** Res - 870-1 Reservoir Cover/Liner Replacement

**CIP Number:** P2563

**DIRECTOR DIVISION:** 2

**PROJECT MANAGER:** Jeff Marchioro

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:**

**PRIORITY:** 3

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$1,000,000

**DESCRIPTION OF PROJECT:**

This project is for the replacement of the existing membrane floating cover and liner with a new membrane system.

**JUSTIFICATION OF PROJECT:**

The existing membrane floating cover and liner have reached the end of their useful lives and require replacement to meet regulatory requirements.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$0	\$1	\$5	\$5	\$9	\$90	\$890
							\$1,000

CIP Number: P2563

PROJECT SCHEDULE:

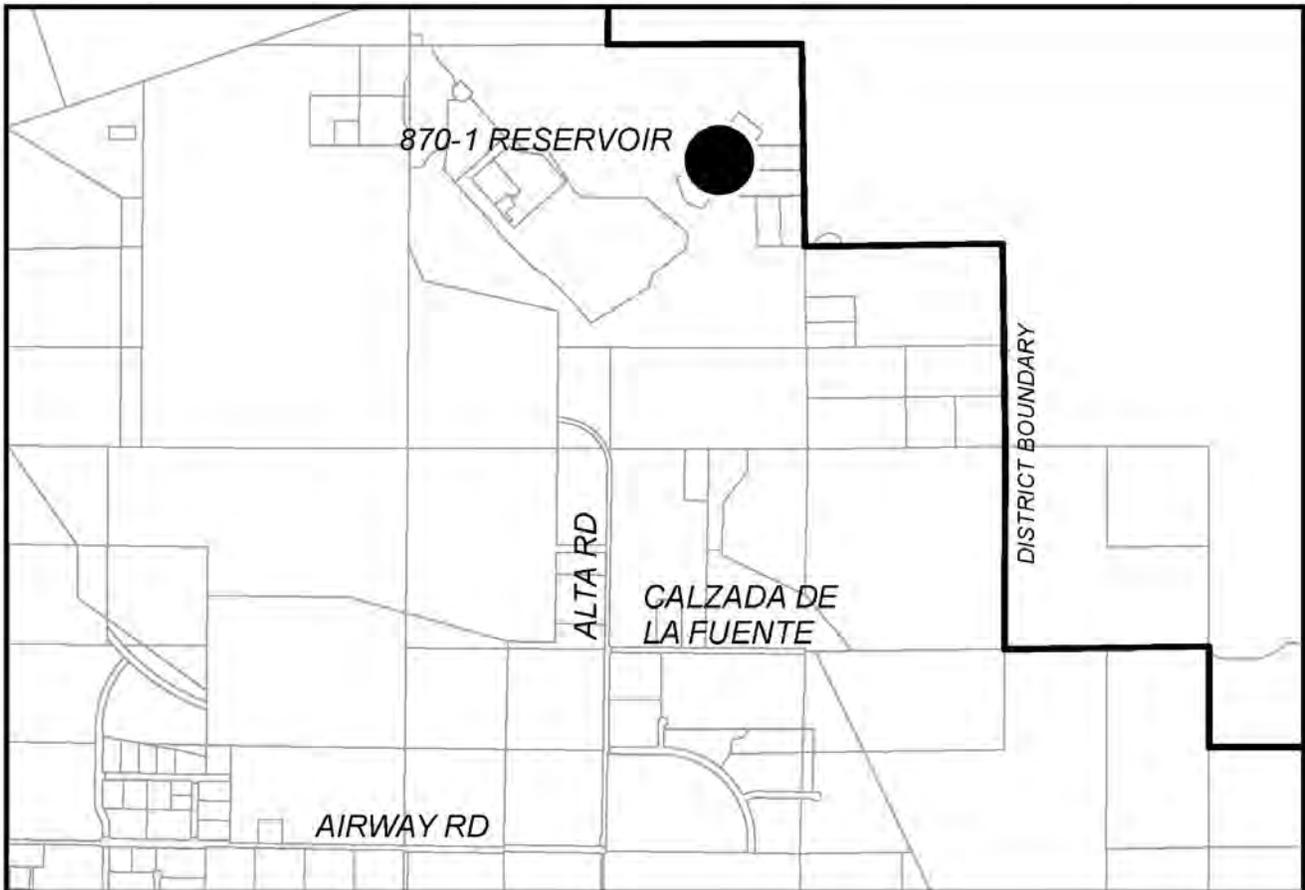
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2015	6/30/2020	\$10
DESIGN:	1/1/2020	9/30/2020	\$100
CONSTRUCTION:	10/1/2020	6/30/2021	\$890

PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

PROJECT LOCATION:

OWD Map Book: 55



Submitted By: Jolene Fielding

Date: 5/7/2015

<b>PROJECT TITLE:</b> Technology Business Processes Improvement	<b>CIP Number:</b> P2568
<b>PROJECT MANAGER:</b> Michael Kerr	<b>DIRECTOR DIVISION:</b> 0
<b>ORIGINAL APPROVED DATE:</b>	<b>I.D. LOCATION:</b> District Wide
<b>RELATED CIP PROJECTS:</b>	<b>PRIORITY:</b> 2
	<b>BUDGET AMOUNT:</b> \$115,000

**DESCRIPTION OF PROJECT:**  
 Business Process Improvement -  
 Advance business processes and operational efficiencies through effective implementation of information technology with assistance from integrated work flows tools, document management solutions and standardization.

**JUSTIFICATION OF PROJECT:**  
 (YR1/YR2) - Redesign of Business Process Reengineering to streamline and/or sustain future demands and growth with existing staff and enterprise integration enhancement.  
 (YR1) - InfoPath Forms - (designing, distributing, and submitting electronic forms) - Near end of life and will soon need to be replaced. Staff will conduct analysis on software replacement. \$20,000  
 (YR1) - Upgrade of the District's back-end Intranet structure (SharePoint) - Near end of life for support and will need to be upgraded with new features to include BI (Business Intelligence) plug-in solution (Dashboard Designer) - \$20,000  
 (YR2) - Enterprise Content Management and Document Management Solution. The District's current content management solution requires adaptation and new features in keeping abreast with current technologies to include content strategies and a standard taxonomy. The current solution also does not integrate well with SharePoint, the District's current Intranet back-end technology solution, and other possible integration solutions. - \$75,000

**COMMENTS:**

**FUND DETAILS:**

FUNDING SOURCE:	Expansion	Betterment	Replacement	New Water Supply	Total
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

PRIOR YEARS:	FY						
TOTAL	2016	2017	2018	2019	2020	2021	Total
	\$0	\$40	\$75	\$0	\$0	\$0	\$115

**CIP Number: P2568**

**PROJECT SCHEDULE:**

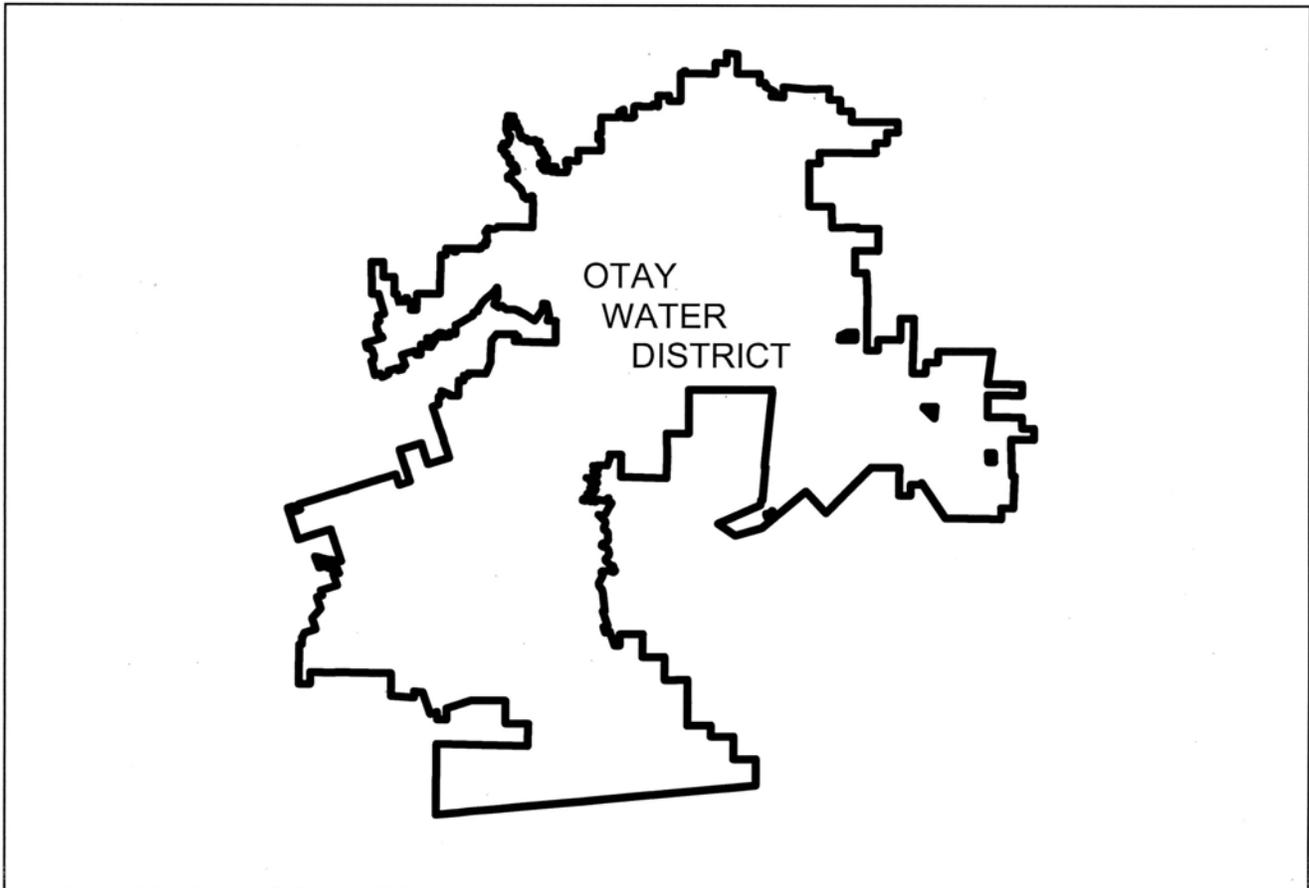
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE</b>	<b>ESTIMATED FINISHED DATE</b>	<b>ESTIMATED COST (X \$1,000):</b>
<b>PLANNING:</b>			\$0
<b>DESIGN:</b>			\$0
<b>CONSTRUCTION:</b>	7/1/2015	6/30/2017	\$115

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
<b>MAINT:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>ENERGY:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CHEMICAL:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book:**



**Submitted By:** Jolene Fielding

**Date:** 5/6/2015

<b>PROJECT TITLE:</b> Metro Ethernet Implementation/ District Facilities - Pilot	<b>CIP Number:</b> P2569
<b>PROJECT MANAGER:</b> Michael Kerr	<b>DIRECTOR DIVISION:</b> 0
<b>ORIGINAL APPROVED DATE:</b>	<b>I.D. LOCATION:</b> District Wide
<b>RELATED CIP PROJECTS:</b>	<b>PRIORITY:</b> 2
	<b>BUDGET AMOUNT:</b> \$100,000

**DESCRIPTION OF PROJECT:**  
 Implementation of Metro Ethernet to Otay Water District Facilities.

**JUSTIFICATION OF PROJECT:**

The District currently uses Firetide, Inc., as its wireless technology solution to provide data communication to monitor its supervisory control and data acquisition (SCADA) system. The current environment is supported by a third party vendor, Day Wireless. Currently, the District relies on this technology as its main source of information, however, this solution has been inconsistent for the past 12 to 18 months, numerous manhours, extensive troubleshooting, and vendor involvement hve been the key to maintaining the system with a Band-Aid approach.

Metro-E technology is cost-effective, consistent, scalable, and also has bandwidth management monitoring, thereby, minimizing staff's efforts in extensive troubleshooting. The design of the Metro-E solution will provide elevated security and offer continuous availability for the District's business continuity efforts. Data will be securely transported within a private network that will be accessible by District staff only. This new wired technology will also minimize manhours necessary to support this solution and give the District added value in reliability and sustainability. Other factors in requesting a change in technology in support of SCADA includes, decrease maintenance costs, Quality of Service (QOS), increased utilization, limitation of vulnerabilities, encryption of sensitive data and business continuity.

This project will span the course of 1 year with focus on the District's high priority facilities and other facilities necessary for a successful project.

This CIP (Pilot) will cover 6 to 7 sites over a span of 1 year to determine future costs necessary for the project.

Cost - \$100,000

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$0	\$100	\$0	\$0	\$0	\$0	\$100

**CIP Number: P2569**

**PROJECT SCHEDULE:**

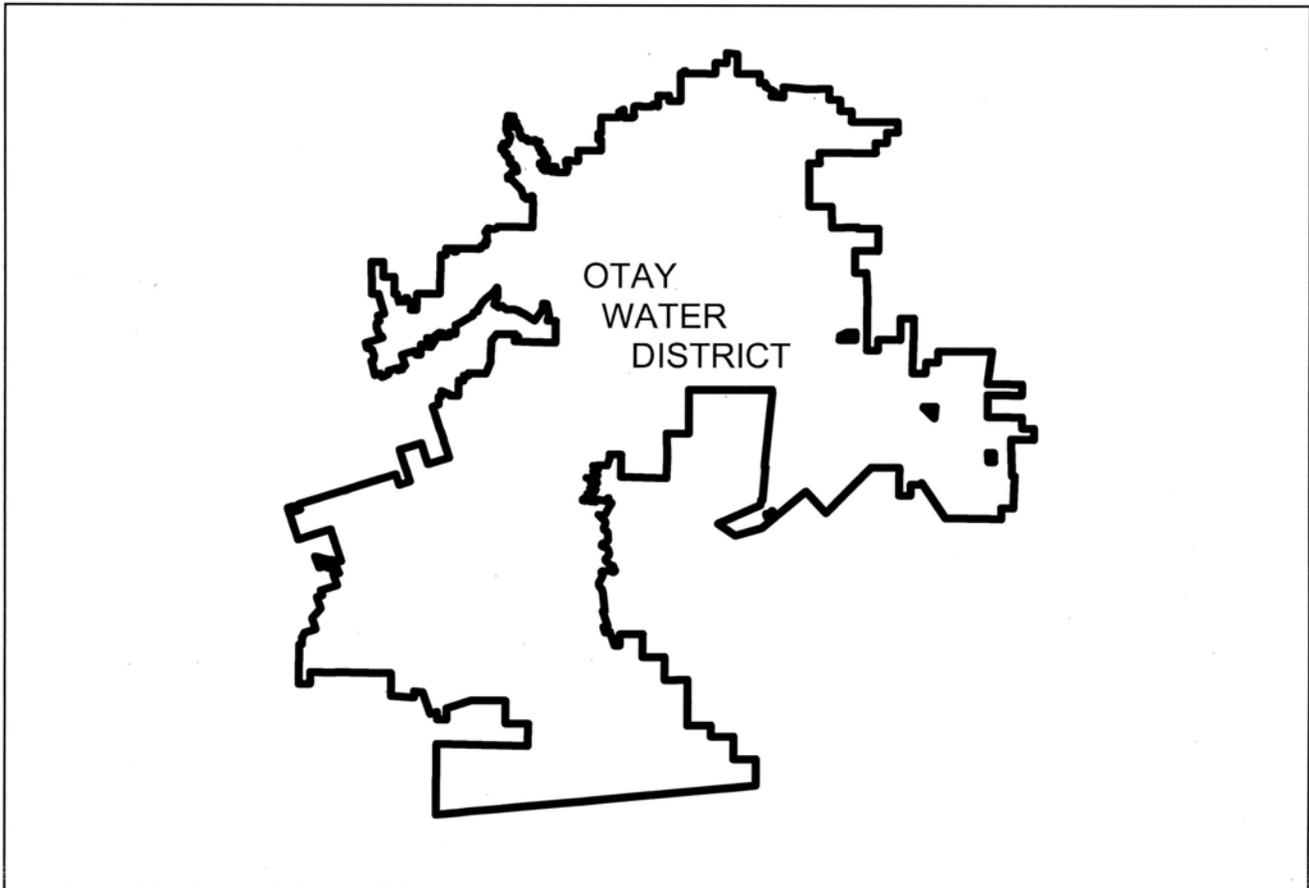
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE</b>	<b>ESTIMATED FINISHED DATE</b>	<b>ESTIMATED COST (X \$1,000):</b>
<b>PLANNING:</b>	7/1/2015	6/30/2016	\$0
<b>DESIGN:</b>			\$0
<b>CONSTRUCTION:</b>	7/1/2015	6/30/2016	\$100

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
<b>MAINT:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>ENERGY:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CHEMICAL:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book:**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**PROJECT TITLE:** SCADA Equipment & Infrastructure Enhancement

**CIP Number:** P2570

**PROJECT MANAGER:** Michael Kerr

**DIRECTOR DIVISION:** 0

**ORIGINAL APPROVED DATE:** 7/1/2017

**I.D. LOCATION:** District Wide

**RELATED CIP PROJECTS:**

**PRIORITY:** 2

**BUDGET AMOUNT:** \$300,000

**DESCRIPTION OF PROJECT:**

SCADA Equipment & Infrastructure Enhancement.

**JUSTIFICATION OF PROJECT:**

SCADA equipment and infrastructure requires replacement and enhancement to effectively manage the District's operational facilities.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>							
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>	
	\$0	\$0	\$100	\$100	\$100	\$0	\$0	\$300

**CIP Number: P2570**

**PROJECT SCHEDULE:**

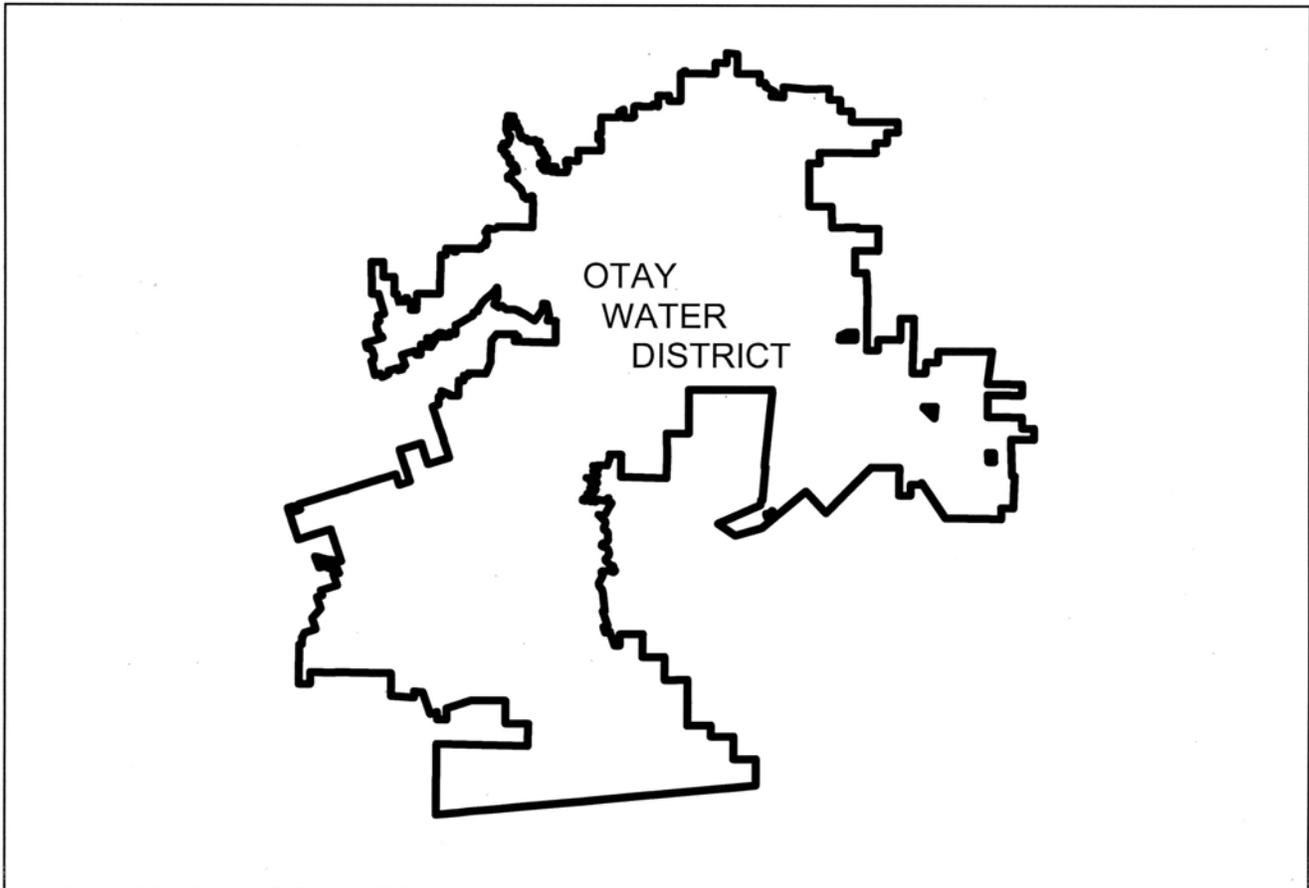
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE</b>	<b>ESTIMATED FINISHED DATE</b>	<b>ESTIMATED COST (X \$1,000):</b>
<b>PLANNING:</b>			\$0
<b>DESIGN:</b>			\$0
<b>CONSTRUCTION:</b>	7/1/2016	6/30/2019	\$300

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
<b>MAINT:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>ENERGY:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CHEMICAL:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book:**



**Submitted By:** Rita Bell

**Date:** 5/8/2015

**PROJECT TITLE:** Datacenter Network Enhancement & Replacement of Infrastructure Components

**CIP Number:** P2571

**DIRECTOR DIVISION:** 0

**PROJECT MANAGER:** Michael Kerr

**I.D. LOCATION:** District Wide

**ORIGINAL APPROVED DATE:** 7/7/2018

**PRIORITY:** 2

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$200,000

**DESCRIPTION OF PROJECT:**

Data Center Network Enhancement & Replacement of Infrastructure Components.

**JUSTIFICATION OF PROJECT:**

Data center network infrastructure is reaching the end of its service life. This project plans for enhancement and replacement.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$0	\$0	\$0	\$100	\$100	\$0	\$200

**CIP Number: P2571**

**PROJECT SCHEDULE:**

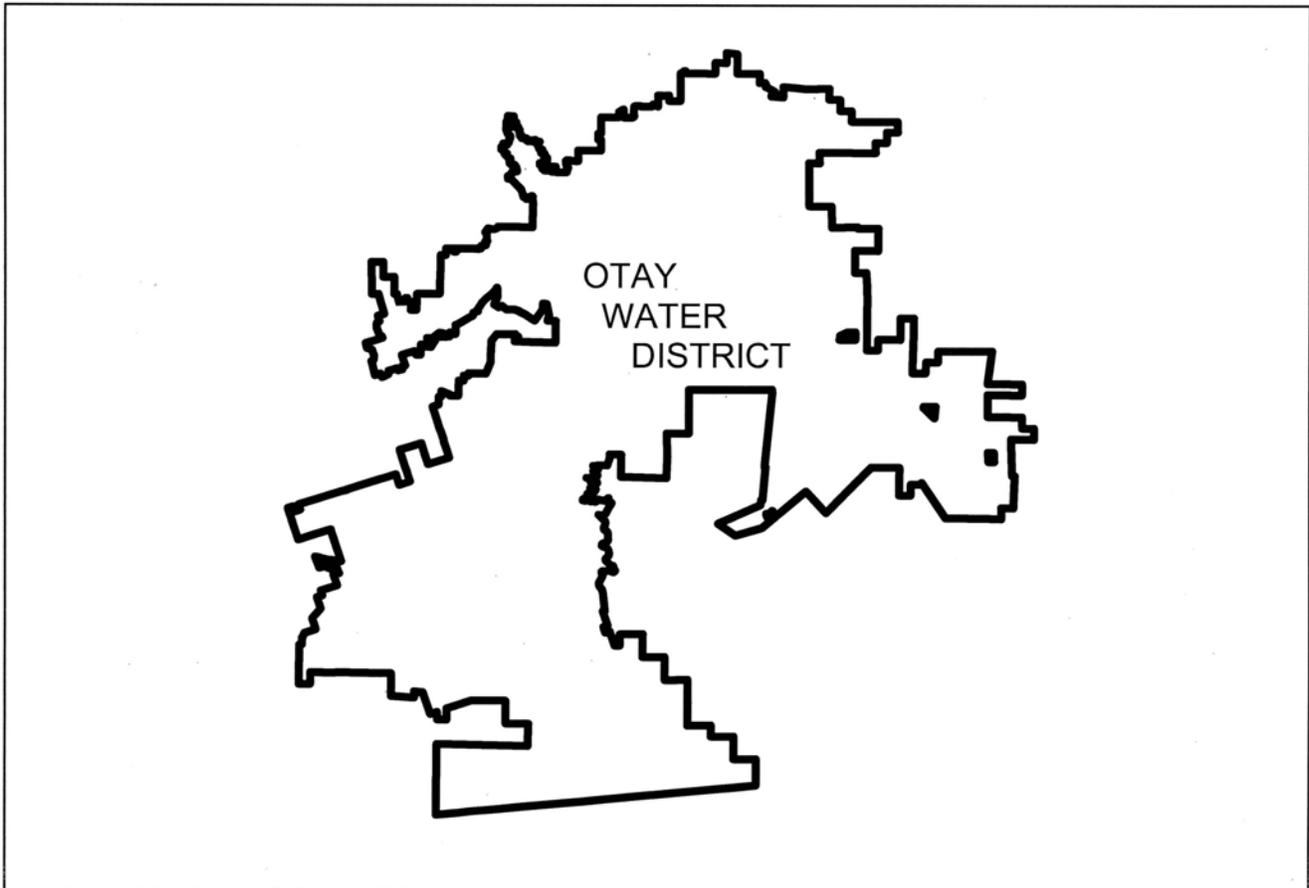
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE</b>	<b>ESTIMATED FINISHED DATE</b>	<b>ESTIMATED COST (X \$1,000):</b>
<b>PLANNING:</b>			\$0
<b>DESIGN:</b>			\$0
<b>CONSTRUCTION:</b>	7/1/2018	6/30/2020	\$200

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
<b>MAINT:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>ENERGY:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CHEMICAL:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book:**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

<b>PROJECT TITLE:</b> Enterprise Resource Planning (ERP) Replacement	<b>CIP Number:</b> P2572
<b>PROJECT MANAGER:</b> Micheal Kerr	<b>DIRECTOR DIVISION:</b> 0
<b>ORIGINAL APPROVED DATE:</b> 7/1/2020	<b>I.D. LOCATION:</b> District Wide
<b>RELATED CIP PROJECTS:</b>	<b>PRIORITY:</b> 3
	<b>BUDGET AMOUNT:</b> \$500,000

**DESCRIPTION OF PROJECT:**  
Enterprise Resource Planning Replacement.

**JUSTIFICATION OF PROJECT:**  
Based on preliminary road maps from the current vendor, staff anticipates that the current ERP system, Eden will become inflexible and constricted with new systems on the horizon. Staff is presently identifying key core business processes in achieving improvements in productivity and quality. Staff also anticipates that the outcome of the workshops will recognize that Eden will lack the necessary functionality, business agility, flexibility, and technology necessary for the District's overall growth.

**COMMENTS:**

**FUND DETAILS:**

FUNDING SOURCE:	Expansion	Betterment	Replacement	New Water Supply	Total
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	FY
TOTAL	2016	2017	2018	2019	2020	2021	Total
	\$0	\$0	\$0	\$0	\$0	\$250	\$250

**CIP Number: P2572**

**PROJECT SCHEDULE:**

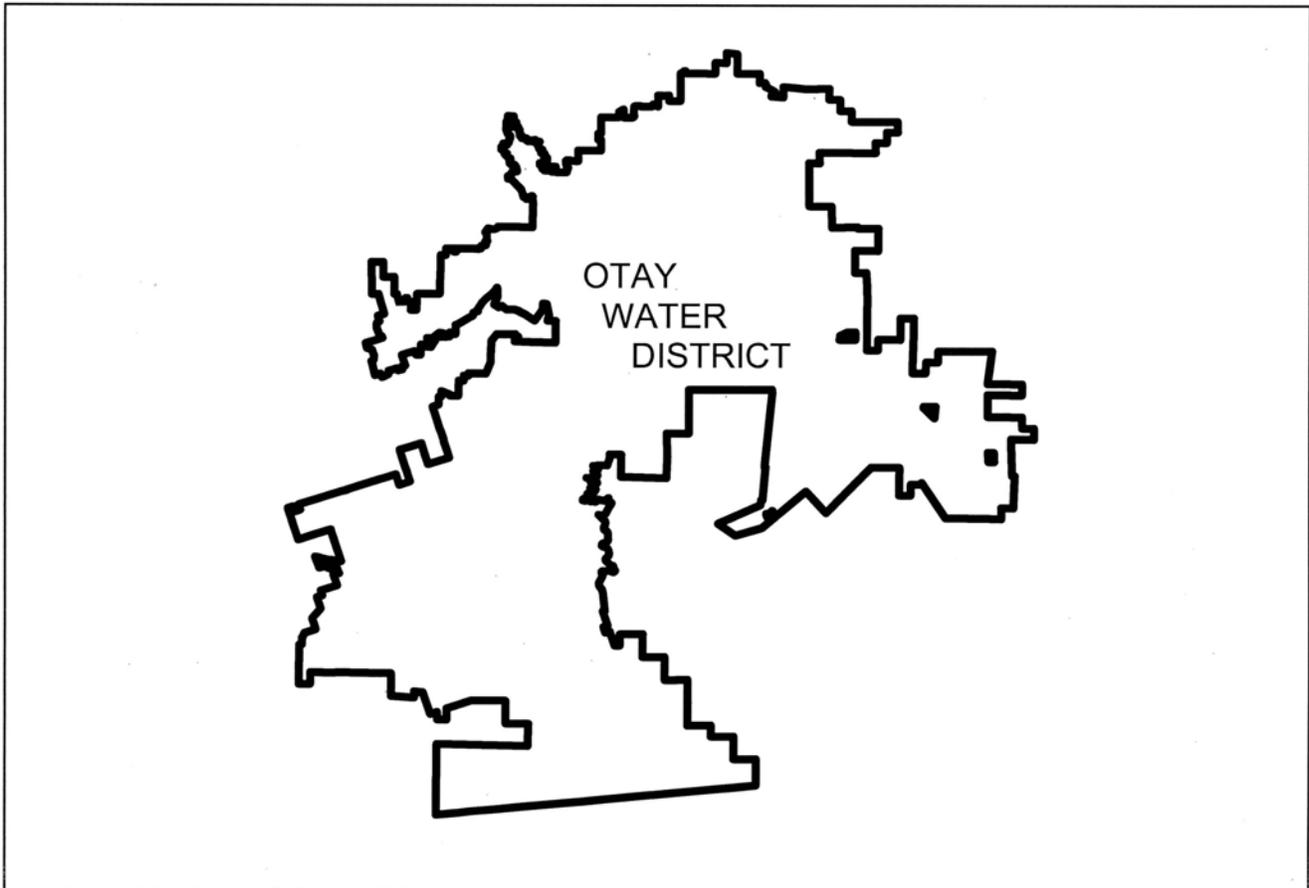
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE</b>	<b>ESTIMATED FINISHED DATE</b>	<b>ESTIMATED COST (X \$1,000):</b>
<b>PLANNING:</b>			\$0
<b>DESIGN:</b>			\$0
<b>CONSTRUCTION:</b>	7/1/2020	6/30/2022	\$0

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
<b>MAINT:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>ENERGY:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CHEMICAL:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book:**



**Submitted By:** Jolene Fielding

**Date:** 5/11/2015

<b>PROJECT TITLE:</b> RecPL - 24-Inch, 860 Zone, Alta Road - Alta Gate/Airway		<b>CIP Number:</b> R2077	
		<b>DIRECTOR DIVISION:</b>	2
<b>PROJECT MANAGER:</b>	Stephen Beppler	<b>I.D. LOCATION:</b>	22
<b>ORIGINAL APPROVED DATE:</b>	5/23/2006	<b>PRIORITY:</b>	4
<b>RELATED CIP PROJECTS:</b>	R2048, R2058, R2087	<b>BUDGET AMOUNT:</b>	\$4,500,000

**DESCRIPTION OF PROJECT:**

Construction of approximately 9,300 feet 24-inch pipeline within the 860 Pressure Zone in Alta Road from the Alta Gate location to Airway Road. Portions of this project are being built by Developers through reimbursement agreements. The balance of this project will be constructed as part of the Otay Mesa recycled water system.

**JUSTIFICATION OF PROJECT:**

This project will provide transmission capacity for development of Otay Mesa and link the planned 860-1 Reservoir with the recycled water transmission system in Otay Mesa. Funding opportunity is the United States Bureau of Reclamation Water Reclamation and Reuse Program, Title XVI of P.L. 102-575.

**COMMENTS:**

Temporary moratorium enacted for Otay Mesa recycled water in July 2014, will be revisited in about a year. In the meanwhile, putting a hold on all recycled water projects in Otay Mesa.

<b>FUND DETAILS:</b>					
<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Expansion	100 %	0 %	0 %	0 %	100 %
<b>TOTAL:</b>	100 %	0 %	0 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$2,805	\$5	\$20	\$20	\$0	\$0	\$2,850

CIP Number: R2077

**PROJECT SCHEDULE:**

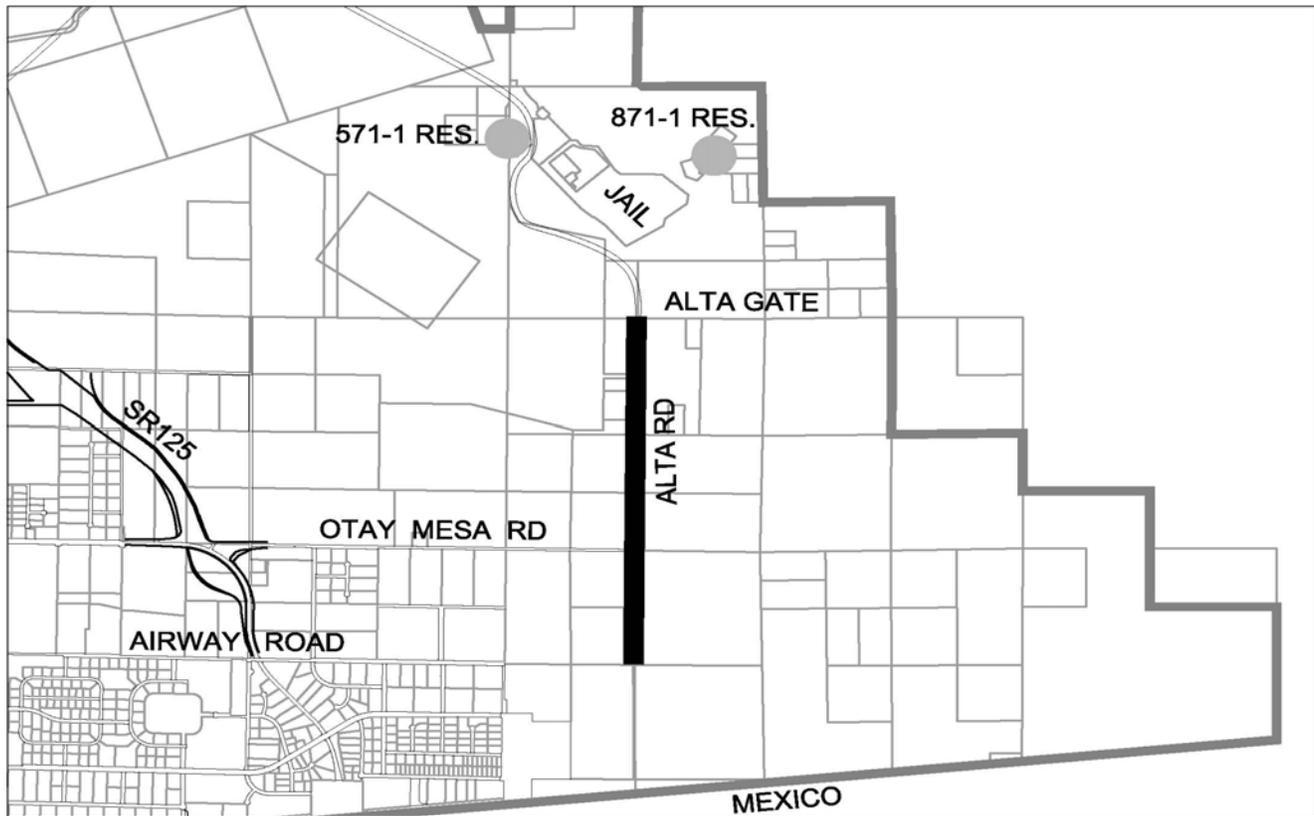
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2001	12/1/2009	\$164
DESIGN:	1/1/2010	6/30/2019	\$451
CONSTRUCTION:	7/1/2019	12/31/2020	\$3,885

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 39**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

<b>PROJECT TITLE:</b> RecPL - 24-Inch, 927 Zone, Wueste Road - Olympic/Otay WTP		<b>CIP Number:</b> R2087	
		<b>DIRECTOR DIVISION:</b>	1
<b>PROJECT MANAGER:</b>	Kevin Cameron	<b>I.D. LOCATION:</b>	22
<b>ORIGINAL APPROVED DATE:</b>	5/23/2006	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>	R2048, R2058, R2077	<b>BUDGET AMOUNT:</b>	\$7,000,000

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**DESCRIPTION OF PROJECT:**

Construction of approximately 15,100 feet of 24-inch pipeline within the 927 Pressure Zone in Wueste Road from Olympic Parkway to near the existing City of San Diego Otay WTP. This project will be constructed as part of the Otay Mesa Recycled Water System Supply Link.

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**JUSTIFICATION OF PROJECT:**

This project will provide transmission capacity for development of Otay Mesa and is a part of the link to the 927 Pressure Zone supply to the planned 860-1 Reservoir within the Otay Mesa recycled water system. Funding opportunity is the United States Bureau of Reclamation Water Reclamation and Reuse Program, Title XVI of P.L. 102-575.

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**COMMENTS:**

Temporary moratorium enacted for Otay Mesa recycled water in July 2014, will be revisited in about a year. In the meanwhile, putting a hold on all recycled water projects in Otay Mesa.

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**FUND DETAILS:**

FUNDING SOURCE:	Expansion	Betterment	Replacement	New Water Supply	Total
Expansion	100 %	0 %	0 %	0 %	100 %
<b>TOTAL:</b>	100 %	0 %	0 %	0 %	100 %

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**EXPENDITURE SCHEDULE (X \$1,000):**

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	FY
TOTAL	2016	2017	2018	2019	2020	2021	Total
	\$1,050	\$0	\$0	\$0	\$0	\$0	\$1,050

CIP Number: R2087

**PROJECT SCHEDULE:**

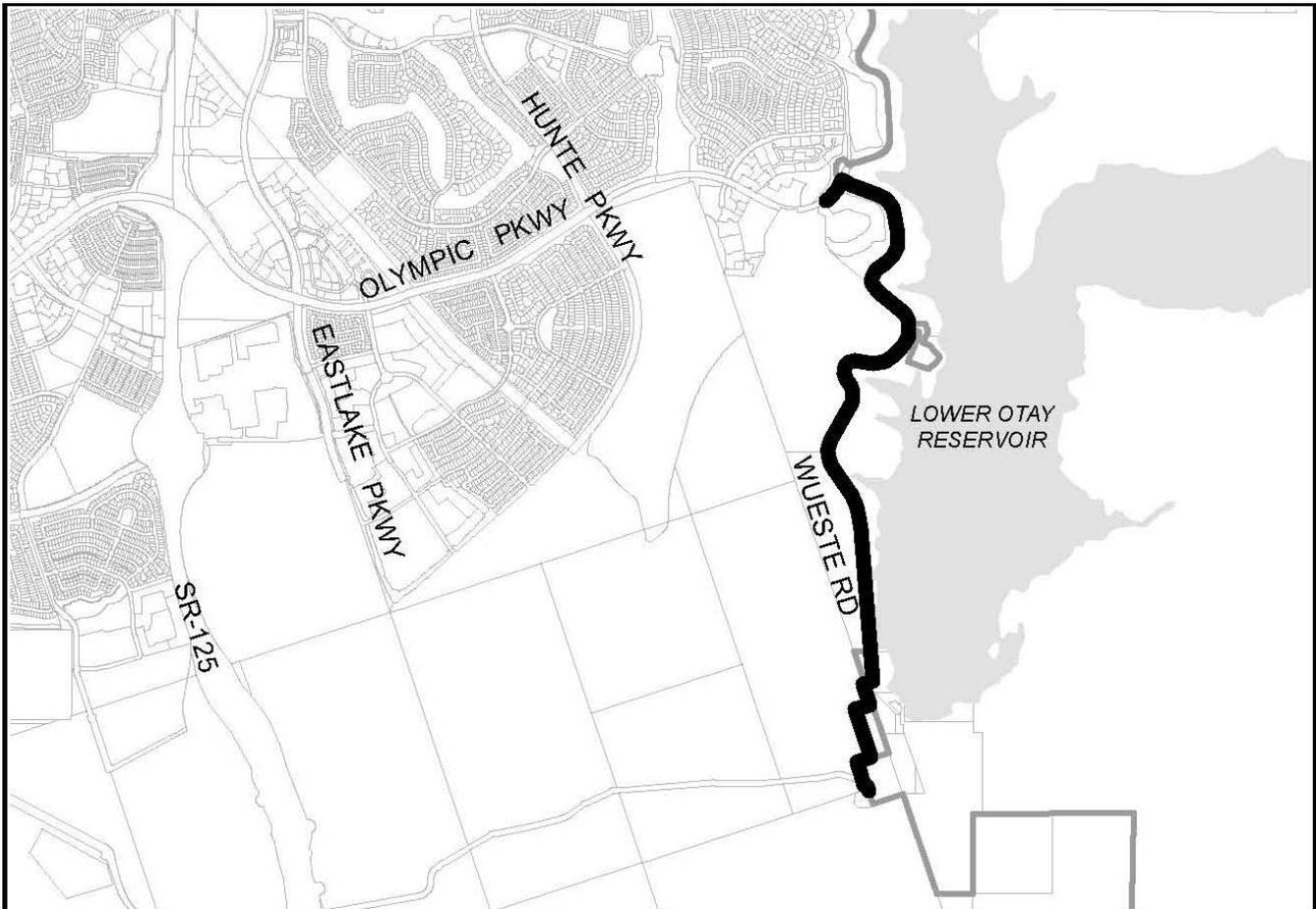
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	9/1/2006	12/1/2009	\$180
DESIGN:	1/1/2010	6/30/2019	\$765
CONSTRUCTION:	7/1/2016	12/31/2022	\$6,055

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 85**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**PROJECT TITLE:** RWCWRF Screening Compactor and Chlorine Injectors Enclosure

**CIP Number:** R2107

**PROJECT MANAGER:** Jake Vaclavek

**DIRECTOR DIVISION:** 3

**ORIGINAL APPROVED DATE:** 5/15/2011

**I.D. LOCATION:** 22

**RELATED CIP PROJECTS:**

**PRIORITY:** 2

**BUDGET AMOUNT:** \$215,000

**DESCRIPTION OF PROJECT:**

Install screening compactor at the RWCWRF headwork, repair concrete supports at headwork, and construct a 3-sided enclosure around the chlorine injectors at the reclamation plant chlorine contact basin.

**JUSTIFICATION OF PROJECT:**

The screening compactor will remove waste material at the headwork to the RWCWRF and compact the material for disposal to a landfill. This will result in reducing the amount of solids discharged back to Metro.

The PVC chlorine injectors at the chlorine contact basin at the reclamation plant need to be protected from sunlight.

**COMMENTS:**

Added \$78,000 to FY15 for purchase and installation of a redundant compactor for reliability.

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$208	\$7	\$0	\$0	\$0	\$0	\$215

CIP Number: R2107

**PROJECT SCHEDULE:**

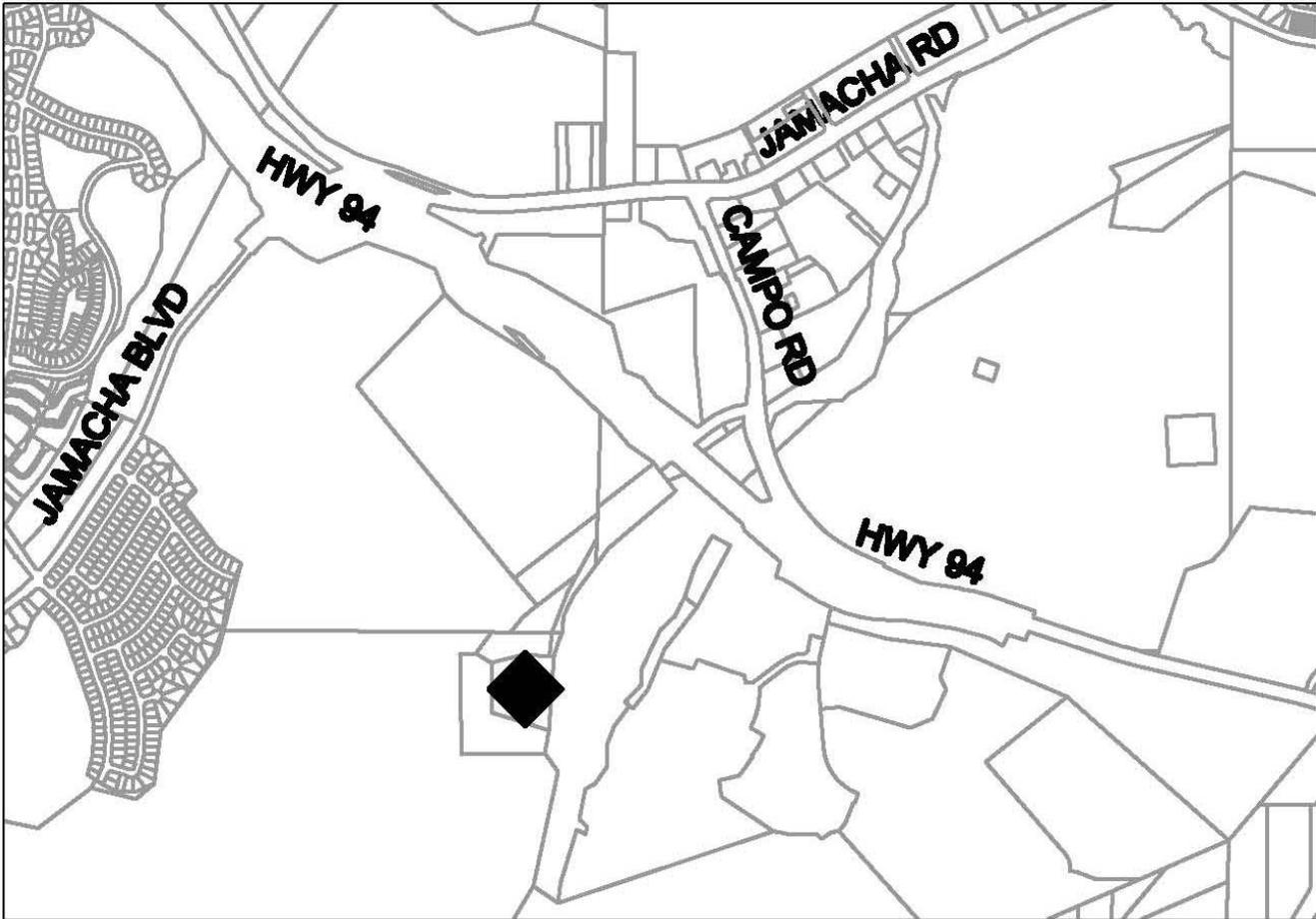
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:			\$0
DESIGN:			\$0
CONSTRUCTION:	7/1/2012	12/31/2015	\$215

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 319**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**PROJECT TITLE:** Res - 927-1 Reservoir Cover Replacement

**CIP Number:** R2108

**DIRECTOR DIVISION:** 5

**PROJECT MANAGER:** Jeff Marchioro

**I.D. LOCATION:** 22/27

**ORIGINAL APPROVED DATE:**

**PRIORITY:** 1

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$1,090,000

**DESCRIPTION OF PROJECT:**

This project is for the replacement of the existing membrane floating cover and liner with a new membrane system.

**JUSTIFICATION OF PROJECT:**

The existing membrane floating cover and liner have reached the end of their useful lives and require replacement to meet regulatory requirements.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$1,080	\$10	\$0	\$0	\$0	\$0	\$1,090

CIP Number: R2108

**PROJECT SCHEDULE:**

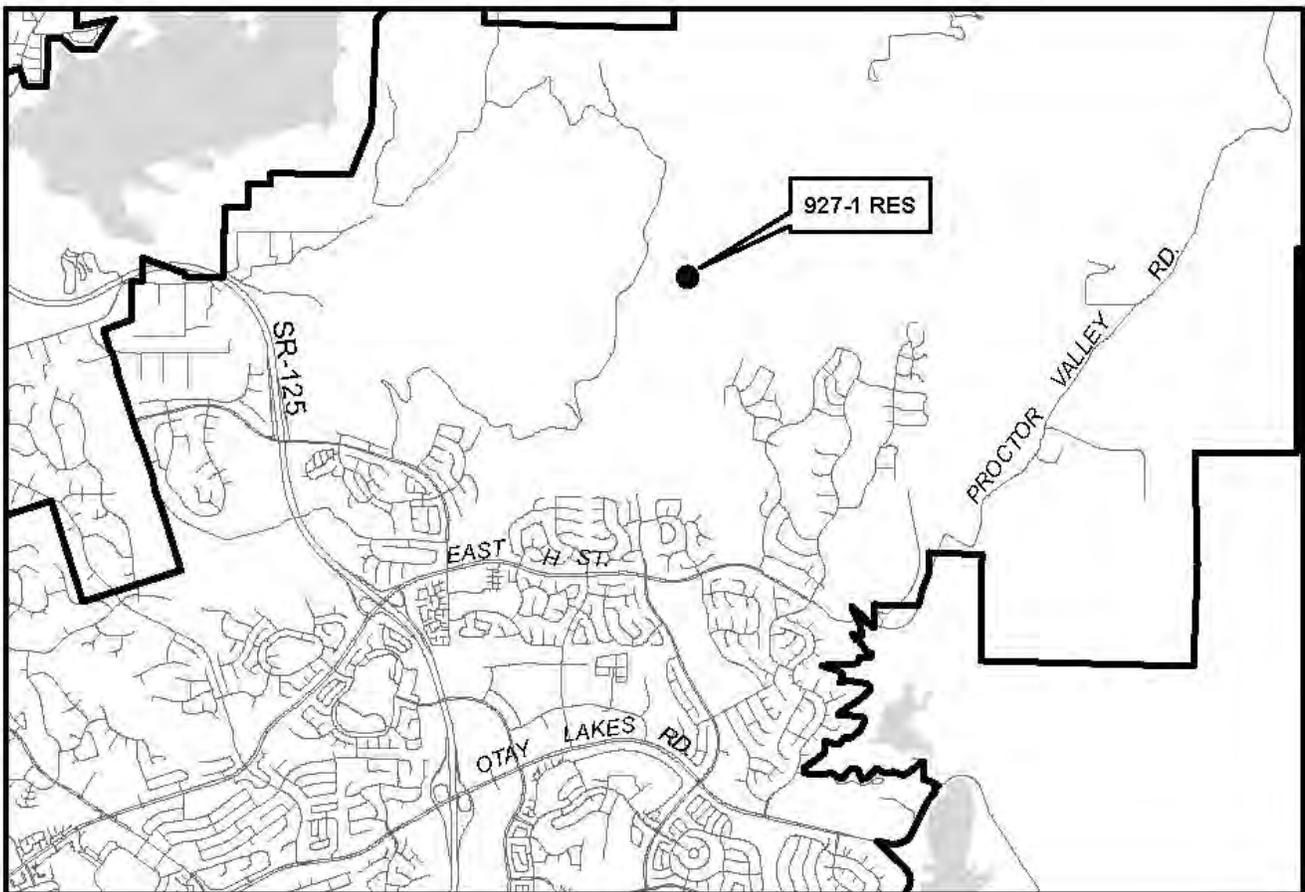
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2013	8/1/2013	\$5
DESIGN:	7/1/2013	11/6/2013	\$75
CONSTRUCTION:	11/6/2013	6/30/2016	\$1,010

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 172**



**Submitted By:** Jolene Fielding

**Date:** 5/6/2015

**PROJECT TITLE:** RecPS - 944-1 Optimization and Pressure Zone Modifications

**CIP Number:** R2110

**DIRECTOR DIVISION:** 1

**PROJECT MANAGER:** Jeff Marchioro

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:**

**PRIORITY:** 1

**RELATED CIP PROJECTS:** R2091

**BUDGET AMOUNT:** \$200,000

**DESCRIPTION OF PROJECT:**

Improve the control strategy to increase pumping capacity and streamline operation of the pump station. As a result of this effort, replacement of 5 service saddles on Clubhouse Drive will need to be replaced to higher pressure class saddles. Add sump pump to an existing pressure reducing station vault located east of the intersection of Otay Lakes Road and Hunte Parkway.

**JUSTIFICATION OF PROJECT:**

Revising the control strategy will increase pumping capacity and improve the District's ability to operate the pump station during off-peak hours when electricity rates are low. Retrofitting the PRS vault with a sump pump will prolong the life expectancy of existing pressure reducing station components.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Betterment ID 22	0 %	100 %	0 %	0 %	100 %
<b>TOTAL:</b>	0 %	100 %	0 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$78	\$25	\$5	\$92	\$0	\$0	\$200

CIP Number: R2110

**PROJECT SCHEDULE:**

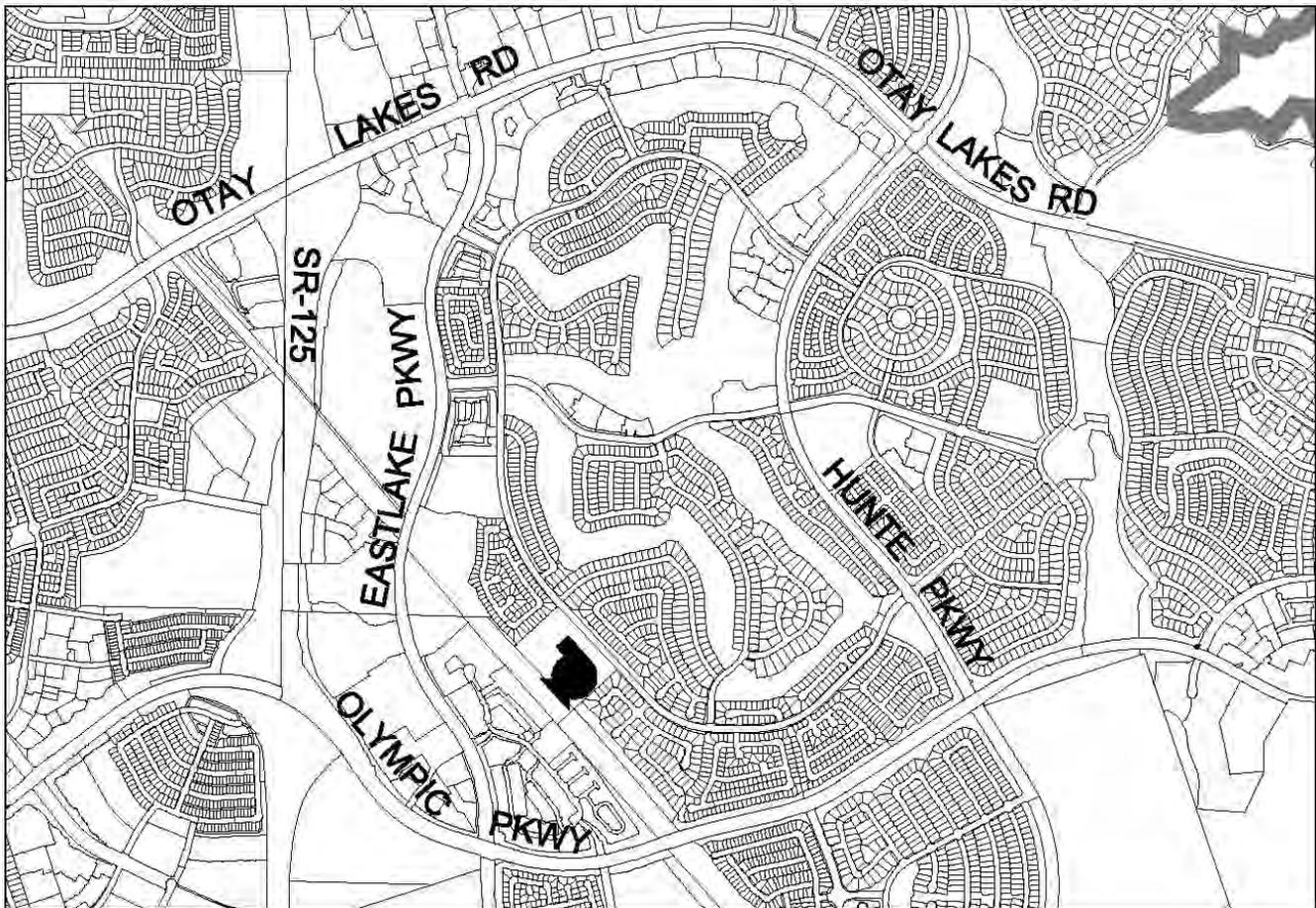
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2013	10/1/2013	\$60
DESIGN:	10/1/2013	9/30/2015	\$25
CONSTRUCTION:	9/30/2015	6/30/2018	\$115

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 115**



**Submitted By:** Jolene Fielding

**Date:** 5/6/2015

**PROJECT TITLE:** Chlorine 1-ton Cylinder Emergency Close Valve

**CIP Number:** R2113

**DIRECTOR DIVISION:** 3

**PROJECT MANAGER:** Jake Vaclavek

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:**

**PRIORITY:** 1

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$37,000

**DESCRIPTION OF PROJECT:**

Install emergency close valves on all (4) connected 1-Ton Chlorine Cylinder shutoff valves.  
Shutoff condition to include any chlorine leak alarm, earthquake, fire, and manually from SCADA.

**JUSTIFICATION OF PROJECT:**

Enhance public safety and control release of chlorine gas into the atmosphere.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Betterment ID 22	0 %	100 %	0 %	0 %	100 %
<b>TOTAL:</b>	0 %	100 %	0 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$3	\$0	\$0	\$0	\$0	\$0	\$3

CIP Number: R2113

**PROJECT SCHEDULE:**

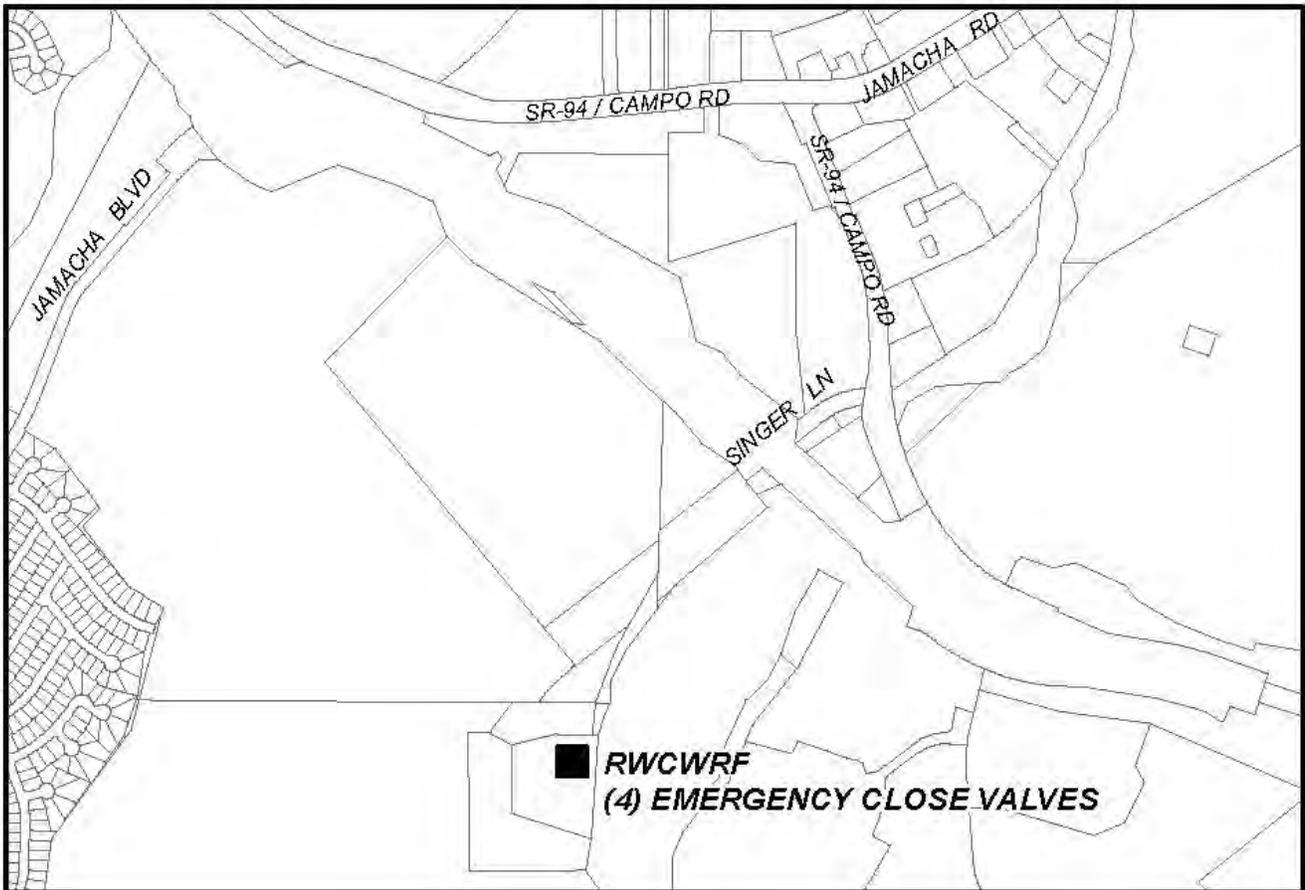
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:			\$0
DESIGN:			\$0
CONSTRUCTION:	7/1/2014	12/31/2015	\$37

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 319**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

<b>PROJECT TITLE:</b> Large Recycle Pump Replacement at the RWCWRF 927-1 Pump Station	<b>CIP Number:</b> R2114
<b>PROJECT MANAGER:</b> Don Anderson	<b>DIRECTOR DIVISION:</b> 3
<b>ORIGINAL APPROVED DATE:</b>	<b>I.D. LOCATION:</b> 22
<b>RELATED CIP PROJECTS:</b>	<b>PRIORITY:</b> 1
	<b>BUDGET AMOUNT:</b> \$120,000

**DESCRIPTION OF PROJECT:**

Replace large recycle pumps.

**JUSTIFICATION OF PROJECT:**

Pumps are old and corroded and have lost efficiency.

**COMMENTS:**

**FUND DETAILS:**

FUNDING SOURCE:	Expansion	Betterment	Replacement	New Water Supply	Total
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

PRIOR YEARS:	FY						
TOTAL	2016	2017	2018	2019	2020	2021	Total
	\$80	\$40	\$0	\$0	\$0	\$0	\$120

CIP Number: R2114

**PROJECT SCHEDULE:**

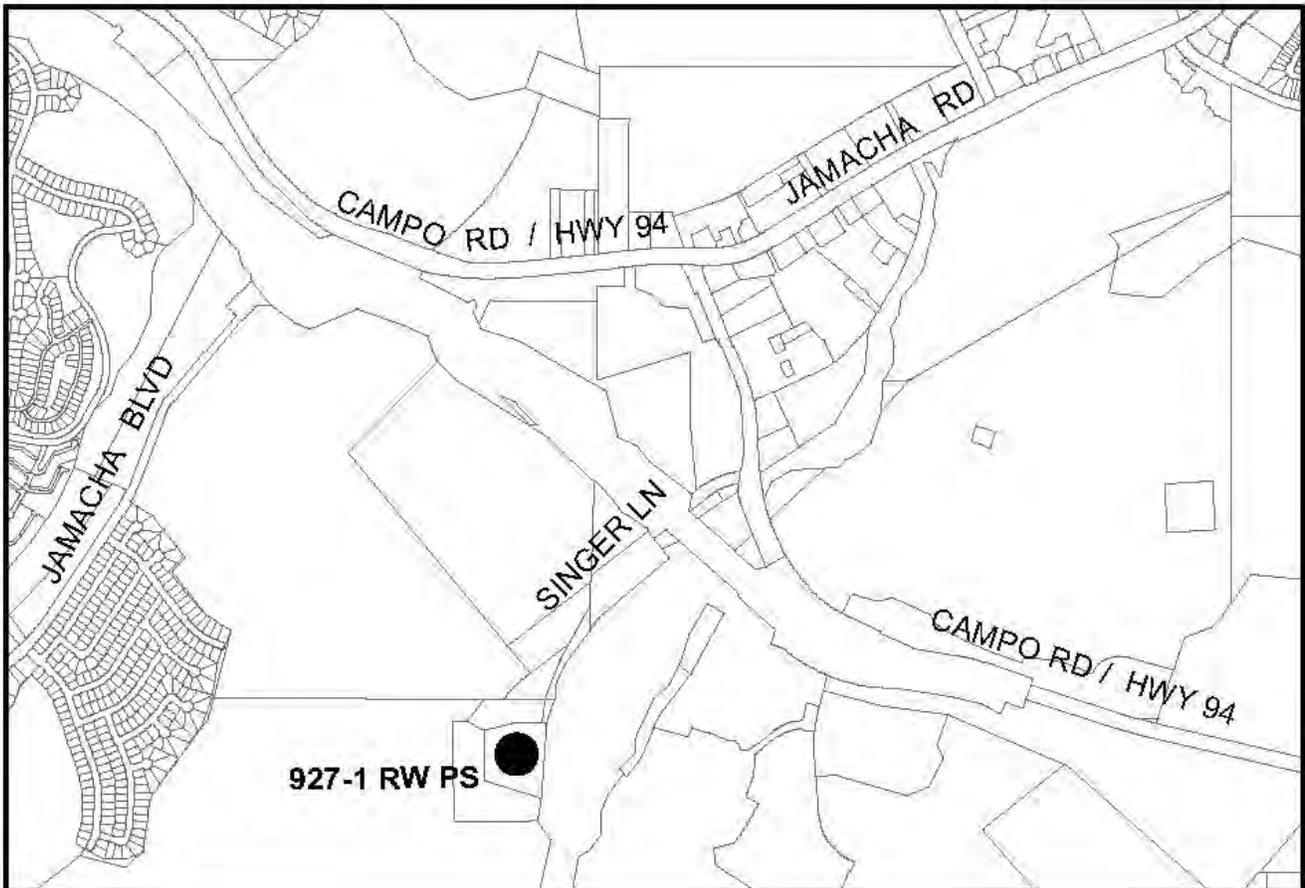
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:			\$0
DESIGN:			\$0
CONSTRUCTION:	7/1/2014	6/30/2016	\$120

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 319**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

<b>PROJECT TITLE:</b> RWCWRF Disinfection System Improvements		<b>CIP Number:</b> R2117					
<b>PROJECT MANAGER:</b> Stephen Beppler		<b>DIRECTOR DIVISION:</b> 3		<b>I.D. LOCATION:</b> 22		<b>PRIORITY:</b> 2	
<b>ORIGINAL APPROVED DATE:</b>		<b>BUDGET AMOUNT:</b> \$2,500,000					
<b>DESCRIPTION OF PROJECT:</b>							
<p>The RWCWRF does not have adequate chlorine contact basin volume to meet the San Diego RWQCB requirement for chlorine contact time (CT) for the recycled water produced from this facility, so it subsequently needs to use the 14-inch effluent force main to obtain the required CT. It is believed that the high chlorine dosage needed with this arrangement is adversely impacting the force main, its appurtenances, and the reservoir liners. If CT can be met within the plant, the chlorine residual leaving the plant can be lowered substantially. Alternatives being evaluated include additional contact basin volume, changing to ultraviolet (UV) disinfection and other options.</p>							
<b>JUSTIFICATION OF PROJECT:</b>							
<p>The District currently uses the existing 14-Inch CML force main to meet the required chlorine contact time resulting in a higher corrosion rate for facilities on this pipeline. Increasing the size of the chlorine contact basin or switching to another disinfection method at the RWCWRF will extend the useful life of the force main and reservoir liners.</p>							
<b>COMMENTS:</b>							
Improvement options include changing to UV disinfection in addition to increasing contact time at the plant.							
<b>FUND DETAILS:</b>							
<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>		
Betterment ID 22	0 %	100 %	0 %	0 %	100 %		
<b>TOTAL:</b>	0 %	100 %	0 %	0 %	100 %		
<b>EXPENDITURE SCHEDULE (X \$1,000):</b>							
<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$90	\$110	\$1,100	\$100	\$0	\$0	\$2,500

CIP Number: R2117

**PROJECT SCHEDULE:**

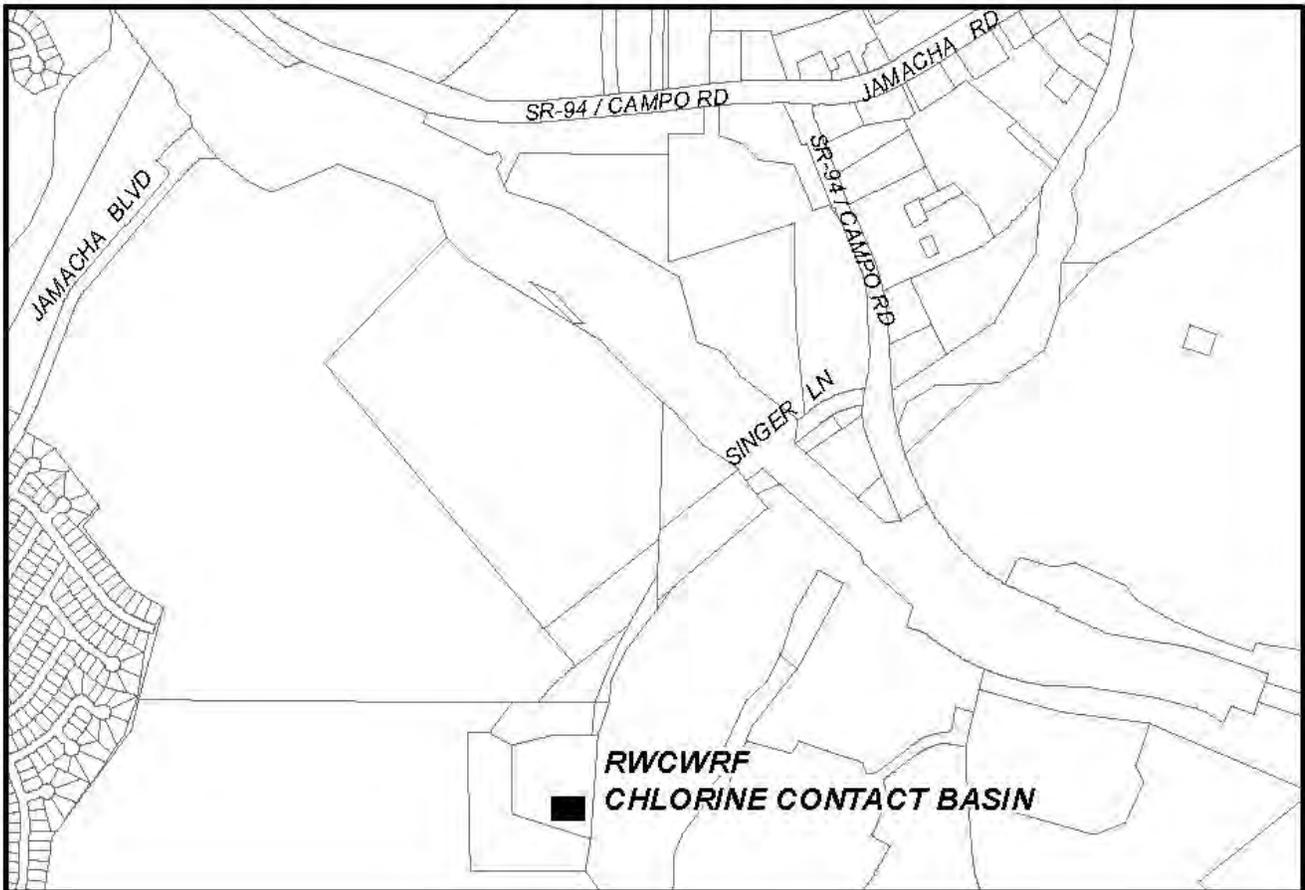
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2015	12/31/2015	\$100
DESIGN:	1/1/2016	12/31/2016	\$250
CONSTRUCTION:	1/1/2017	6/30/2019	\$2,150

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 319**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**PROJECT TITLE:** Steele Canyon Sewer PS Chopper Pump

**CIP Number:** R2118

**DIRECTOR DIVISION:** 3

**PROJECT MANAGER:** Stephen Beppler

**I.D. LOCATION:** 18

**ORIGINAL APPROVED DATE:**

**PRIORITY:** 1

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$40,000

**DESCRIPTION OF PROJECT:**

Installation of a recirculating chopper pump in the Steele Bridge SPS wet well to protect the sewage pumps from assorted debris. The existing pumps have been requiring a high frequency of repairs and replacement of parts due to rags, construction materials, and other non-typical wastewater solids entering the pump station. The new chopper pump is designed to handle these types of materials and will also eliminate the buildup of settled matter within the wet well.

**JUSTIFICATION OF PROJECT:**

The new chopper pump will result in few maintenance repairs and extend the life of the sewage pumps. Based upon the current frequency and cost of maintenance of the sewage pumps, the chopper pump addition should pay for itself within a few years.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Betterment ID 18	0 %	100 %	0 %	0 %	100 %
<b>TOTAL:</b>	0 %	100 %	0 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$0	\$40	\$0	\$0	\$0	\$0	\$40

CIP Number: R2118

**PROJECT SCHEDULE:**

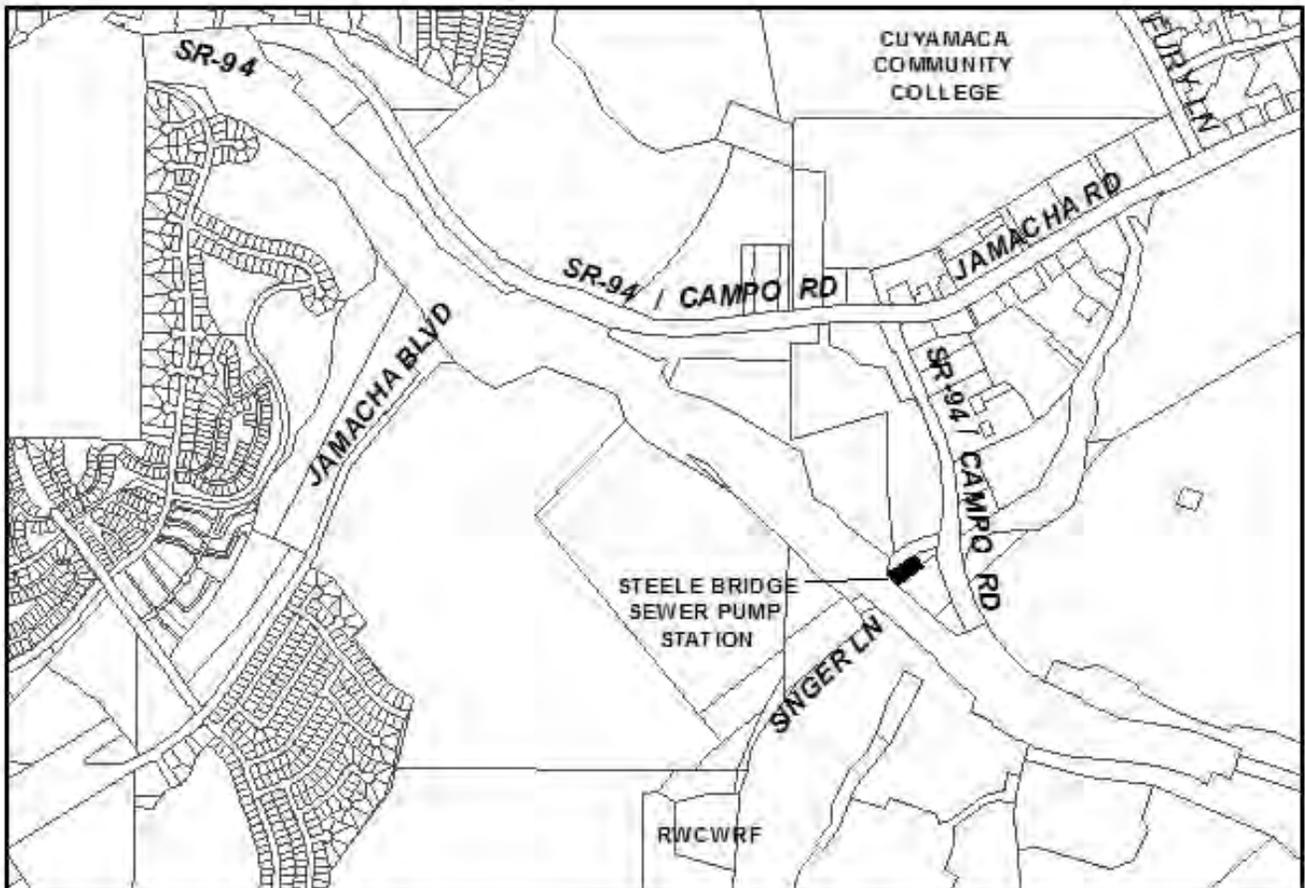
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2015	7/31/2015	\$2
DESIGN:	8/3/2015	9/30/2015	\$5
CONSTRUCTION:	10/1/2015	2/29/2016	\$33

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 331**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

<b>PROJECT TITLE:</b> Treatment Plant Automation & Security Upgrades	<b>CIP Number:</b> R2119
<b>PROJECT MANAGER:</b> Stephen Beppler	<b>DIRECTOR DIVISION:</b> 3
<b>ORIGINAL APPROVED DATE:</b>	<b>I.D. LOCATION:</b> 22
<b>RELATED CIP PROJECTS:</b>	<b>PRIORITY:</b> 0
	<b>BUDGET AMOUNT:</b> \$200,000

**DESCRIPTION OF PROJECT:**

Identify and implement automation improvements at the RWCWRF to decrease operations staffing requirements and enhance the plant security features.

**JUSTIFICATION OF PROJECT:**

To reduce long-term operating costs of the Ralph W. Chapman Water Reclamation Facility, the District will implement automation to streamline operator labor requirements. In addition to the ability to monitor the treatment processes, the automation will also include security monitoring to ensure the protection of District facilities as well as ensure that future requirements associated with the on-site storage of chlorine gas are met.

**COMMENTS:**

**FUND DETAILS:**

FUNDING SOURCE:	Expansion	Betterment	Replacement	New Water Supply	Total
Betterment ID 22	0 %	100 %	0 %	0 %	100 %
<b>TOTAL:</b>	0 %	100 %	0 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

PRIOR YEARS:	FY						
TOTAL	2016	2017	2018	2019	2020	2021	Total
	\$0	\$50	\$50	\$50	\$0	\$0	\$200

CIP Number: R2119

**PROJECT SCHEDULE:**

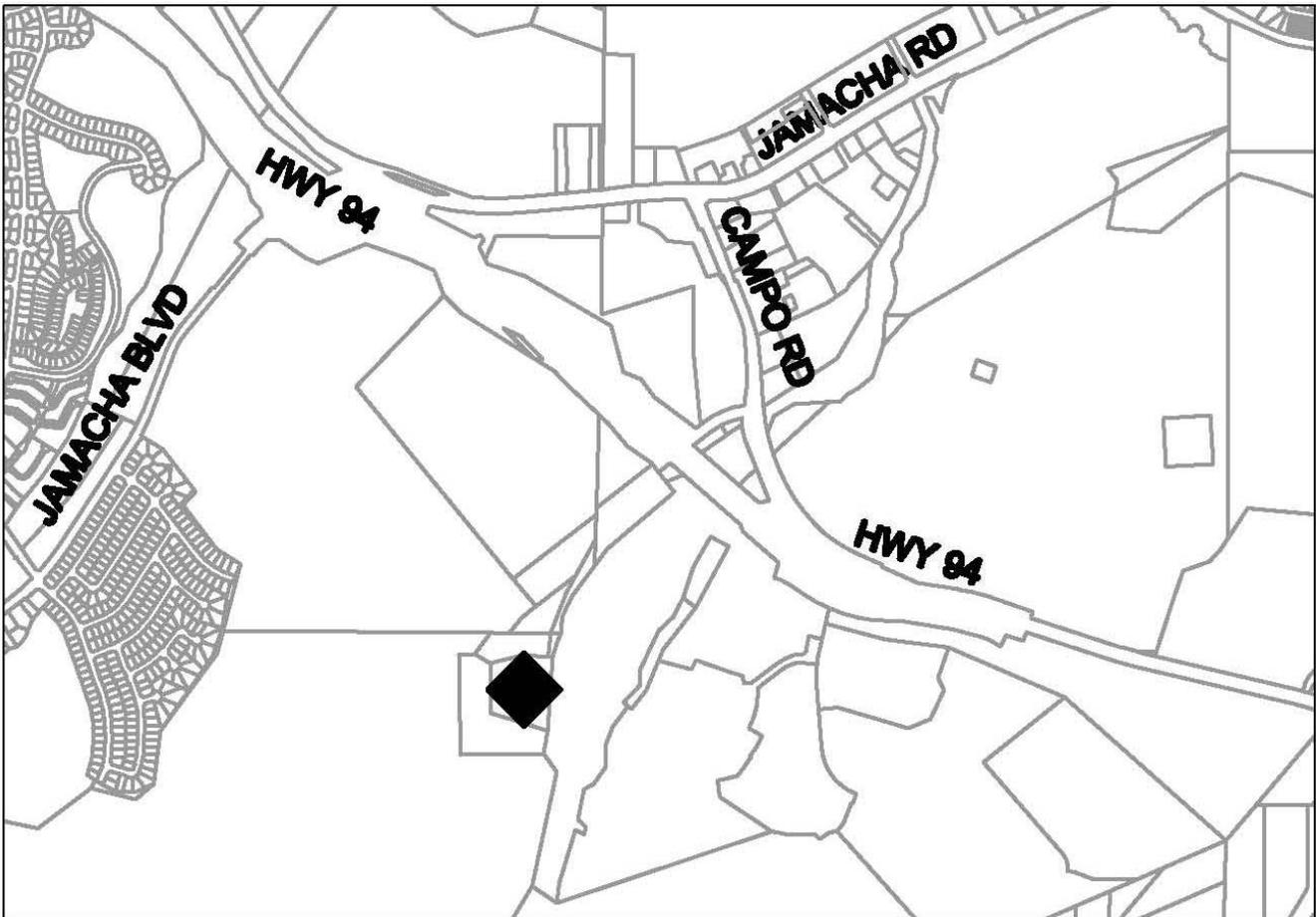
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2015	6/30/2016	\$50
DESIGN:	7/1/2016	6/30/2017	\$50
CONSTRUCTION:	7/1/2017	6/30/2019	\$100

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 319**



**Submitted By:** Jolene Fielding

**Date:** 5/11/2015

**PROJECT TITLE:** Res - 944-1 Reservoir Cover/Liner Replacement

**CIP Number:** R2121

**DIRECTOR DIVISION:** 5

**PROJECT MANAGER:** Jeff Marchioro

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:**

**PRIORITY:** 2

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$1,400,000

**DESCRIPTION OF PROJECT:**

This project is for the replacement of the existing membrane floating cover and liner with new membrane system.

**JUSTIFICATION OF PROJECT:**

The existing membrane floating cover and liner have reached the end of their useful lives and require replacement to meet regulatory requirements.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$0	\$25	\$1,375	\$0	\$0	\$0	\$1,400

CIP Number: R2121

**PROJECT SCHEDULE:**

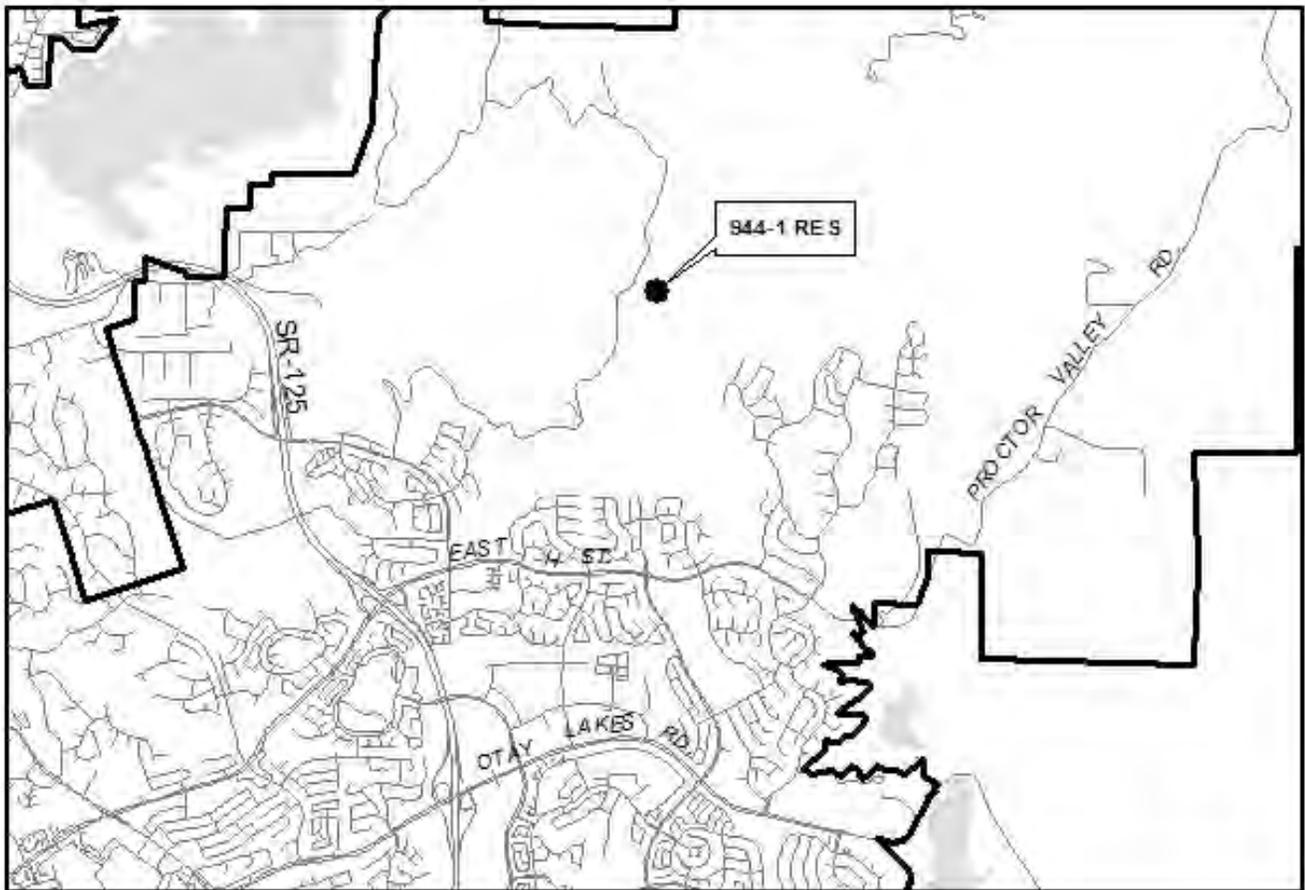
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2015	6/30/2016	\$10
DESIGN:	1/1/2016	9/30/2016	\$100
CONSTRUCTION:	10/1/2016	6/30/2017	\$1,290

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 172**



**Submitted By:** Rita Bell

**Date:** 5/8/2015

**PROJECT TITLE:** Emergency Recycled Water Fire Hydrant Installations

**CIP Number:** R2122

**DIRECTOR DIVISION:** 0

**PROJECT MANAGER:** Kevin Cameron

**I.D. LOCATION:** District Wide

**ORIGINAL APPROVED DATE:** 7/1/2015

**PRIORITY:** 1

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$75,000

**DESCRIPTION OF PROJECT:**

This project will install 2-3 fire hydrants on the recycled water system for emergency fire suppression. The project includes meeting Title 22 requirements, establishing protocol, and site selection.

**JUSTIFICATION OF PROJECT:**

Due to the Governor's mandate to reduce water use, CAL Fire has requested to use recycled water for emergency fire suppression.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Expansion	100 %	0 %	0 %	0 %	100 %
<b>TOTAL:</b>	100 %	0 %	0 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$0	\$75	\$0	\$0	\$0	\$0	\$75

**CIP Number: R2122**

**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE</b>	<b>ESTIMATED FINISHED DATE</b>	<b>ESTIMATED COST (X \$1,000):</b>
<b>PLANNING:</b>	7/1/2015	9/30/2015	\$15
<b>DESIGN:</b>	10/1/2015	3/31/2016	\$15
<b>CONSTRUCTION:</b>	4/1/2016	6/30/2016	\$45

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
<b>MAINT:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>ENERGY:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CHEMICAL:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book:**



**Submitted By:** D Martin

**Date:** 4/24/2015

**PROJECT TITLE:** RWCWRF Sludge Handling System

**CIP Number:** S2043

**DIRECTOR DIVISION:** 3

**PROJECT MANAGER:** Stephen Beppler

**I.D. LOCATION:** 18

**ORIGINAL APPROVED DATE:** 5/14/2013

**PRIORITY:** 3

**RELATED CIP PROJECTS:** R2096

**BUDGET AMOUNT:** \$1,500,000

**DESCRIPTION OF PROJECT:**

This project will provide funding for a Sludge Handling System at the RWCWRF to reduce the amount of solids the District sends to Metro.

**JUSTIFICATION OF PROJECT:**

The District currently sends all sludge produced at RWCWRF to Metro for treatment. The District's Wastewater Management Plan provided a preliminary estimate of the cost of handling sludge at the RWCWRF that is close to the cost Metro charges the District for treatment of solids.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Betterment ID 18	0 %	100 %	0 %	0 %	100 %
<b>TOTAL:</b>	0 %	100 %	0 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$41	\$1	\$1	\$1	\$1	\$1	\$47

CIP Number: S2043

PROJECT SCHEDULE:

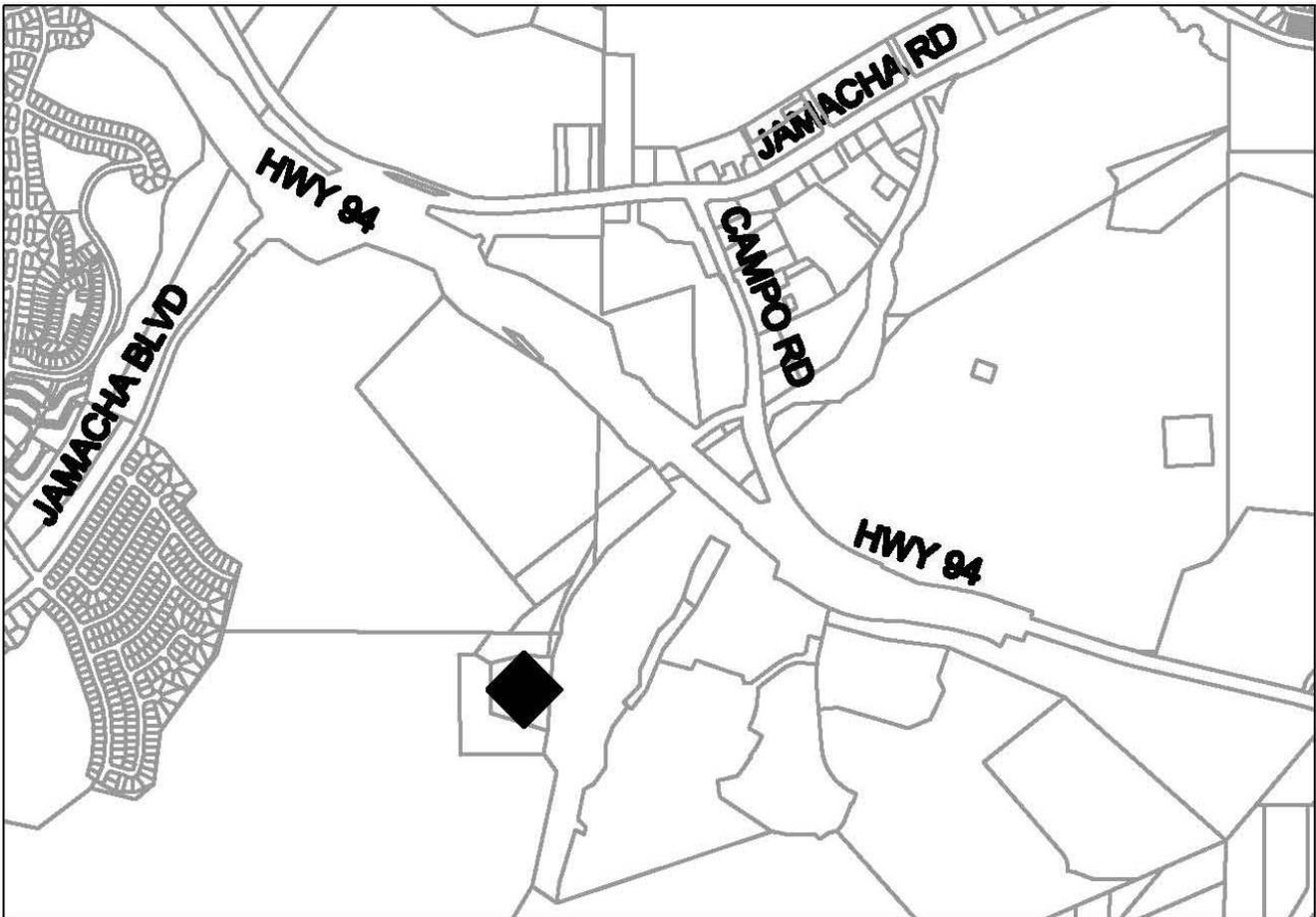
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2013	6/30/2022	\$75
DESIGN:	7/1/2022	6/30/2023	\$200
CONSTRUCTION:	7/1/2023	6/30/2024	\$1,225

PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000

PROJECT LOCATION:

OWD Map Book: 319



Submitted By: Jolene Fielding

Date: 5/7/2015

**PROJECT TITLE: Safety and Security Improvements**

**CIP Number: P2382**

**DIRECTOR DIVISION: 0**

**PROJECT MANAGER: Oscar Ramirez**

**I.D. LOCATION: District Wide**

**ORIGINAL APPROVED DATE: 6/5/2002**

**PRIORITY: 1**

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT: \$2,667,000**

**DESCRIPTION OF PROJECT:**

This project is to improve the security of the Otay Water District facilities by installing and upgrading to current standards the hardware and software required to provide access control, video surveillance, intrusion detection and response. Fiscal Year 2016 will include initiating delivery of the following items:

- 1.- Operations bldg - installation of: gate, RFID and FOB access to separate and secure Ops/Shop areas from warehouse \$50K. Installation of protective gate at shops fuel truck area \$20K.
- 2.-Installation and basic upgrade of District facilities physical security burglar alarm panels to Digital Monitoring Systems (DMP) to ready sites for "ENTRE" enterprise security and access control management software \$120K.
- 3.-Installation of additional outer cameras, lighting, and perimeter beams at shop's yard area \$15K.
- 4.-Video verification systems upgrades from analog cameras to digital + add 1 Network Video Recorder \$45K.
- 5.-Intrusion and physical access entry alarm system installation and integration at District facilities \$50K.

**JUSTIFICATION OF PROJECT:**

Although existing facilities are relatively safe and secure, the Federal government has recommended that security to water systems be improved. The project is required to fund needed changes and improvements to District facilities. General Fund at 40% expansion and 60% replacement.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	60 %	0 %	60 %
Expansion	40 %	0 %	0 %	0 %	40 %
<b>TOTAL:</b>	40 %	0 %	60 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$2,117	\$300	\$250	\$0	\$0	\$0	\$0
							\$2,667

**CIP Number: P2382**

**PROJECT SCHEDULE:**

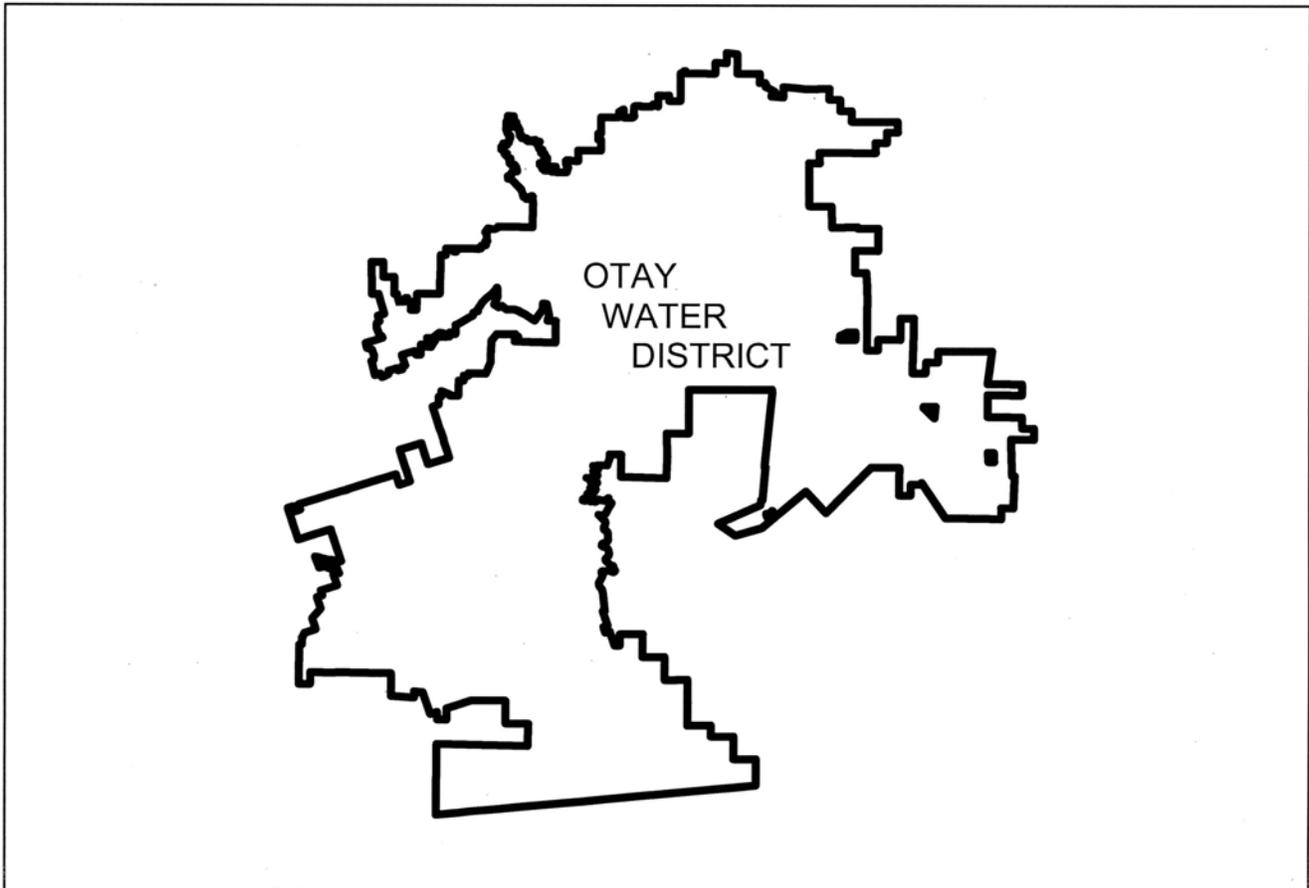
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE</b>	<b>ESTIMATED FINISHED DATE</b>	<b>ESTIMATED COST (X \$1,000):</b>
<b>PLANNING:</b>	7/1/2002	6/30/2017	\$62
<b>DESIGN:</b>	9/1/2003	12/31/2017	\$231
<b>CONSTRUCTION:</b>	1/1/2004	6/30/2017	\$2,374

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
<b>MAINT:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>ENERGY:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CHEMICAL:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book:**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**PROJECT TITLE: SR-11 Utility Relocations**

**CIP Number: P2453**

**DIRECTOR DIVISION: 2**

**PROJECT MANAGER: Jeff Marchioro**

**I.D. LOCATION: 22**

**ORIGINAL APPROVED DATE: 5/23/2006**

**PRIORITY: 1**

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT: \$2,250,000**

**DESCRIPTION OF PROJECT:**

This project provides funding for all utility relocations required due to construction of SR-11 on the Otay Mesa. Facility relocations vary in size from 8-inch to 24-inch. Both the potable and recycled water systems are impacted.

**JUSTIFICATION OF PROJECT:**

Caltrans will construct SR-11, which will result in utility conflicts with existing Otay Water District facilities at various locations. In most cases, the Otay Water District does have prior and superior rights. The facilities must be relocated prior to Caltrans construction of SR-11. The cost of the facilities relocations that have prior rights will be reimbursed by Caltrans.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
\$1,483	\$5	\$5	\$250	\$250	\$257	\$0	\$2,250

CIP Number: P2453

**PROJECT SCHEDULE:**

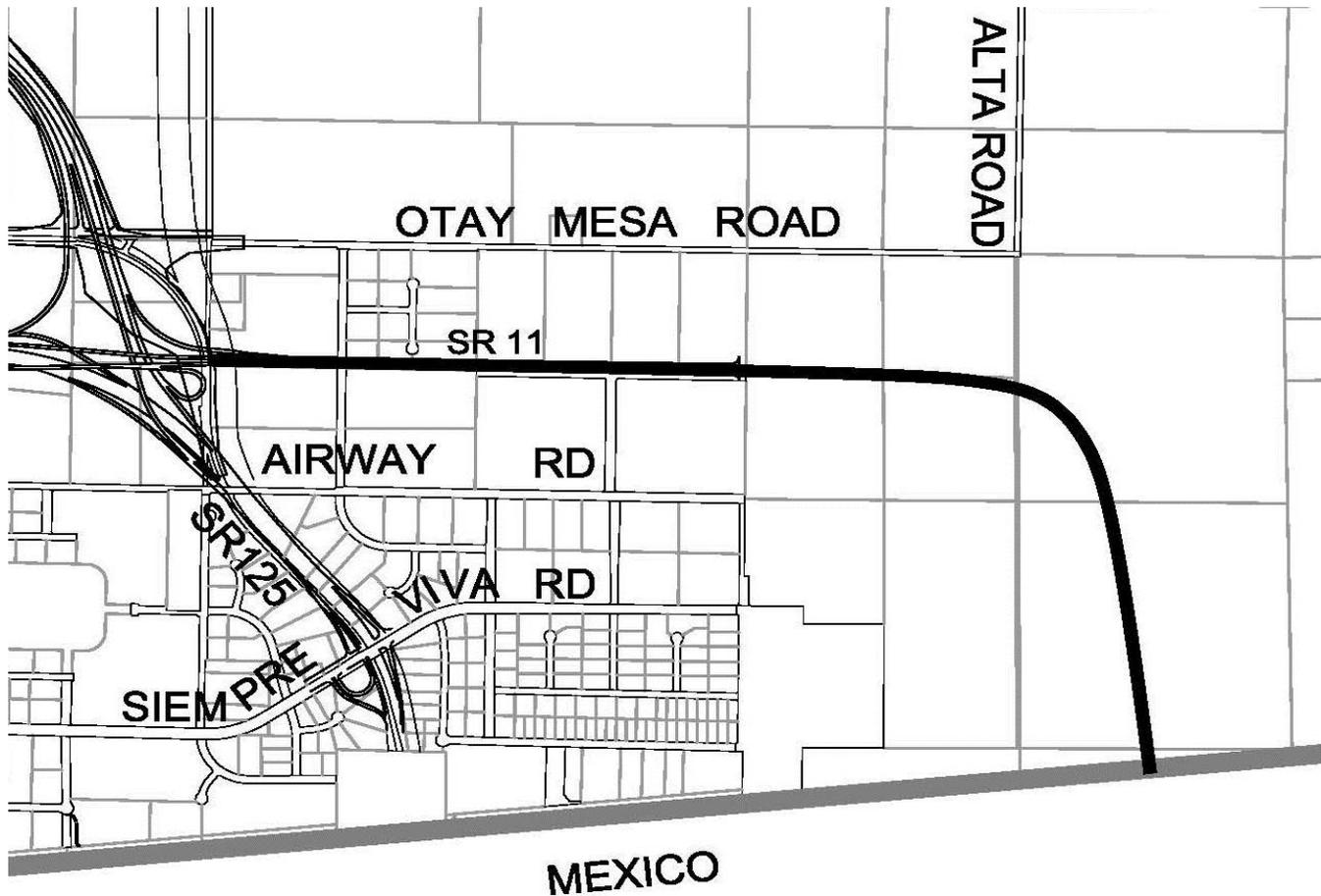
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2006	6/1/2016	\$20
DESIGN:	7/1/2009	6/30/2015	\$350
CONSTRUCTION:	1/8/2014	6/30/2020	\$1,880

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

OWD Map Book: 5



Submitted By: Jolene Fielding

Date: 5/7/2015

<b>PROJECT TITLE:</b> SCADA Communication System and Software Replacement		<b>CIP Number:</b> P2485						
<b>PROJECT MANAGER:</b> Jake Vaclavek		<b>DIRECTOR DIVISION:</b> 0	<b>I.D. LOCATION:</b> District Wide					
<b>ORIGINAL APPROVED DATE:</b> 5/21/2009		<b>PRIORITY:</b> 1						
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b> \$2,014,000						
<b>DESCRIPTION OF PROJECT:</b>								
<p>This project will replace the existing SCADA software and radio communication system and install fuel level transmitters on all diesel fuel tanks. A Battery Backup System will be installed at remote SCADA/Radio sites without emergency power generators. Money budgeted in FY 2016 and 2017 is for the replacement of PLC's in the field that will no longer be supported at that time. \$40K in FY 16 for the SCADA Roadmap Documentation.</p>								
<b>JUSTIFICATION OF PROJECT:</b>								
<p>The vendor will no longer be upgrading or supporting the existing system beginning 2012. The radio equipment needs replacement to allow for increased bandwidth capability to increase security systems functionality. The fuel level transmitters on all diesel fuel tanks and remote SCADA monitoring will provide supervisors with real time fuel levels to monitor available runtime on stand-by engines during extended power outages. The battery backup system will provide continuous communications and SCADA monitoring and control for 3 days if the District lost power at sites without emergency power generators.</p>								
<b>COMMENTS:</b>								
<b>FUND DETAILS:</b>								
<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>			
Replacement	0 %	0 %	100 %	0 %	100 %			
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %			
<b>EXPENDITURE SCHEDULE (X \$1,000):</b>								
<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>	
	\$1,294	\$75	\$35	\$150	\$150	\$150	\$160	\$2,014

**CIP Number: P2485**

**PROJECT SCHEDULE:**

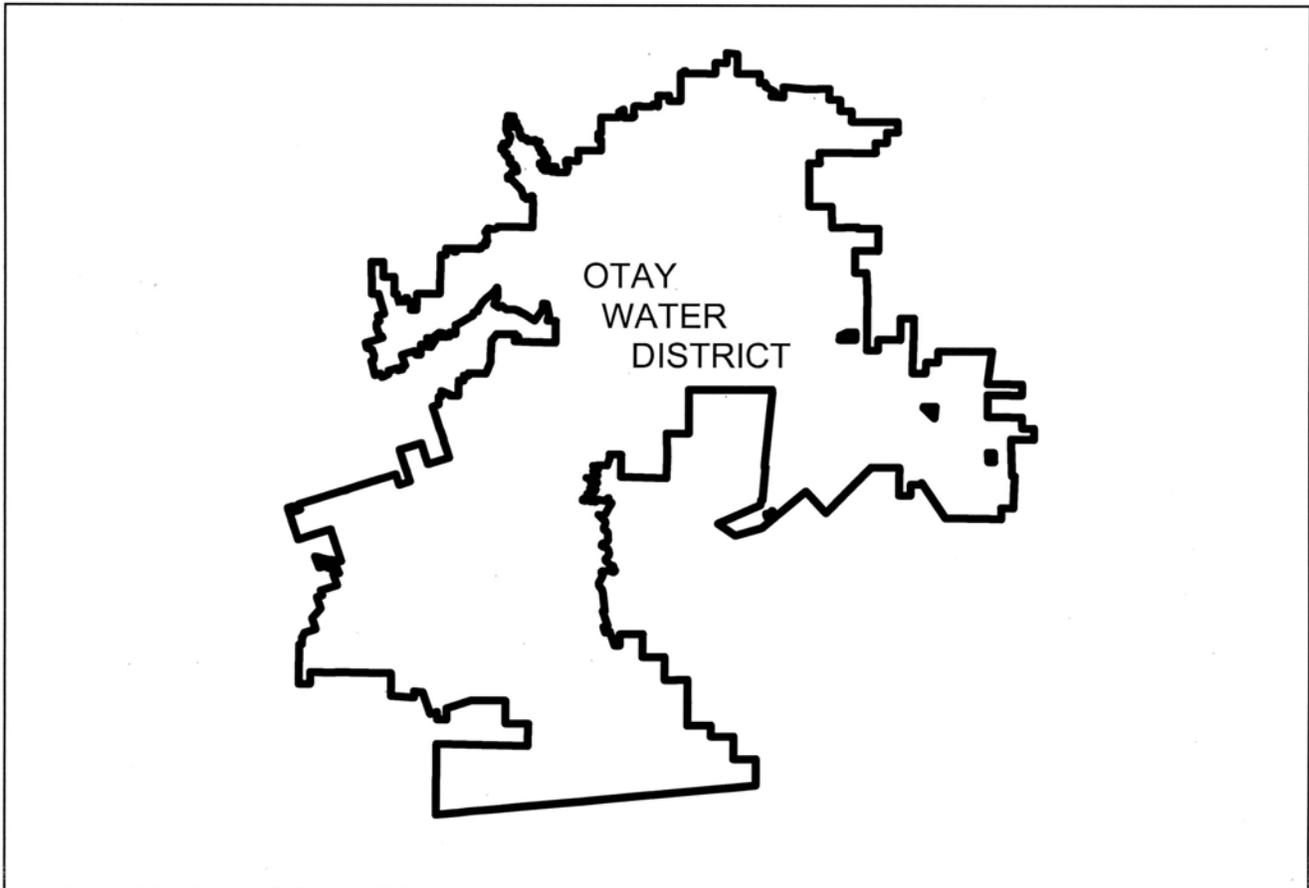
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE</b>	<b>ESTIMATED FINISHED DATE</b>	<b>ESTIMATED COST (X \$1,000):</b>
<b>PLANNING:</b>			\$0
<b>DESIGN:</b>			\$0
<b>CONSTRUCTION:</b>	7/1/2009	6/30/2021	\$2,014

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
<b>MAINT:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>ENERGY:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CHEMICAL:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book:**



**Submitted By:** Jolene Fielding

**Date:** 5/6/2015

**PROJECT TITLE:** 624-2 Reservoir Interior/Exterior Coating

**CIP Number:** P2493

**DIRECTOR DIVISION:** 4

**PROJECT MANAGER:** Kevin Cameron

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:** 5/21/2009

**PRIORITY:** 1

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$1,675,000

**DESCRIPTION OF PROJECT:**

This project provides funding for the interior and exterior coating of the 624-2 Reservoir. In addition, an assessment of the facility will be accomplished to assure compliance to all applicable codes and OSHA standards.

**JUSTIFICATION OF PROJECT:**

Based upon the most recent reservoir assessment report dated August 8, 2008 the 624-2 Reservoir interior coating is in relatively poor condition and is in need of replacement. Based on the FY 2012 Corrosion Report for Reservoir Coatings, the exterior was scheduled to be replaced in FY 2013.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$1,570	\$55	\$50	\$0	\$0	\$0	\$1,675

CIP Number: P2493

**PROJECT SCHEDULE:**

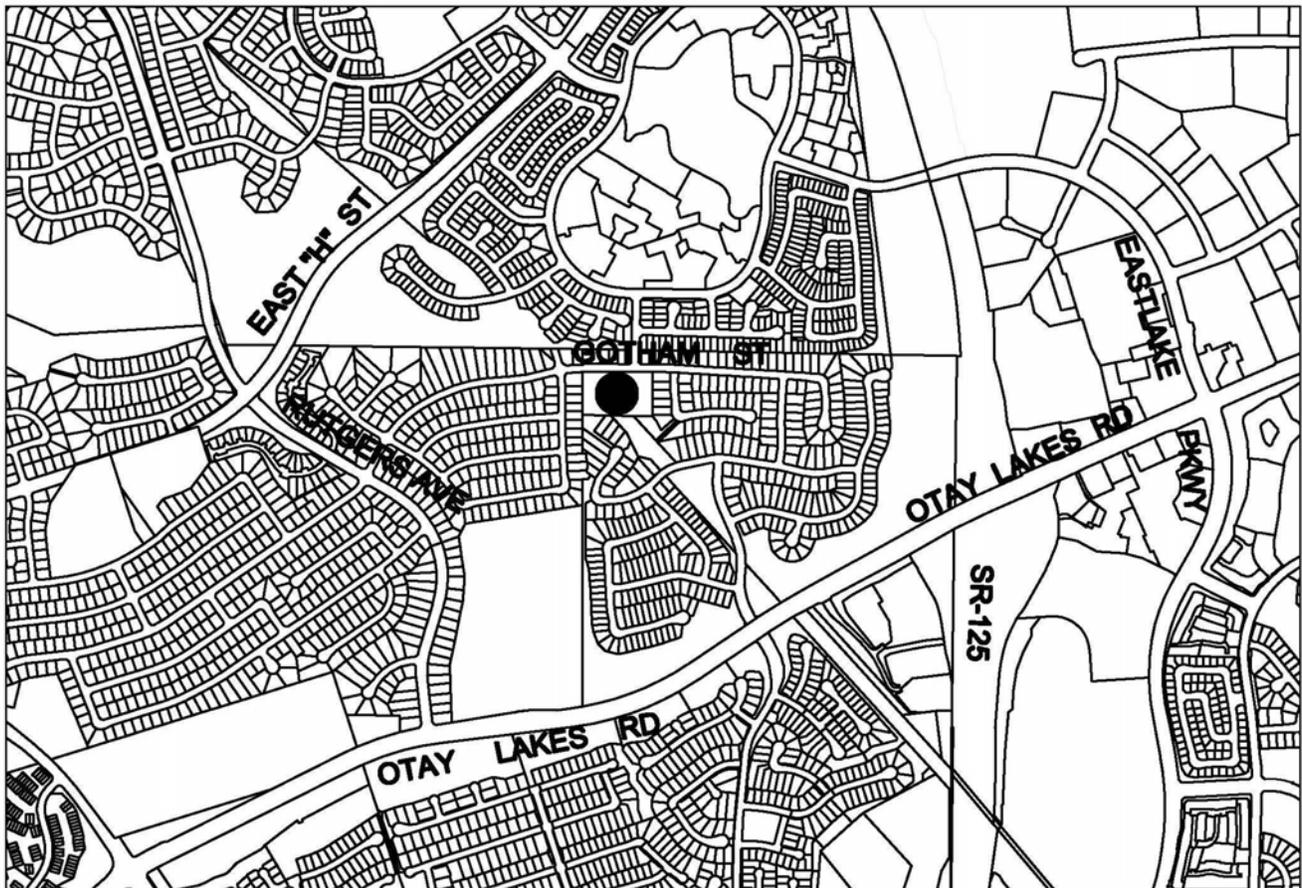
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2009	8/1/2010	\$5
DESIGN:	9/1/2010	12/31/2013	\$95
CONSTRUCTION:	1/8/2014	6/30/2017	\$1,575

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 130**



**Submitted By:** Jolene Fielding

**Date:** 5/6/2015

**PROJECT TITLE:** Multiple Species Conservation Plan

**CIP Number:** P2494

**DIRECTOR DIVISION:** 0

**PROJECT MANAGER:** Lisa Coburn-Boyd

**I.D. LOCATION:** District Wide

**ORIGINAL APPROVED DATE:** 5/21/2009

**PRIORITY:** 1

**RELATED CIP PROJECTS:** P2495

**BUDGET AMOUNT:** \$950,000

**DESCRIPTION OF PROJECT:**

This project is to provide funding to develop a plan to streamline the environmental permitting processes for the capital improvement program projects to be constructed.

**JUSTIFICATION OF PROJECT:**

The project will save time and money when compared to environmental permitting each capital improvement program project individually.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Expansion	100 %	0 %	0 %	0 %	100 %
<b>TOTAL:</b>	100 %	0 %	0 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$863	\$87	\$0	\$0	\$0	\$0	\$950

**CIP Number: P2494**

**PROJECT SCHEDULE:**

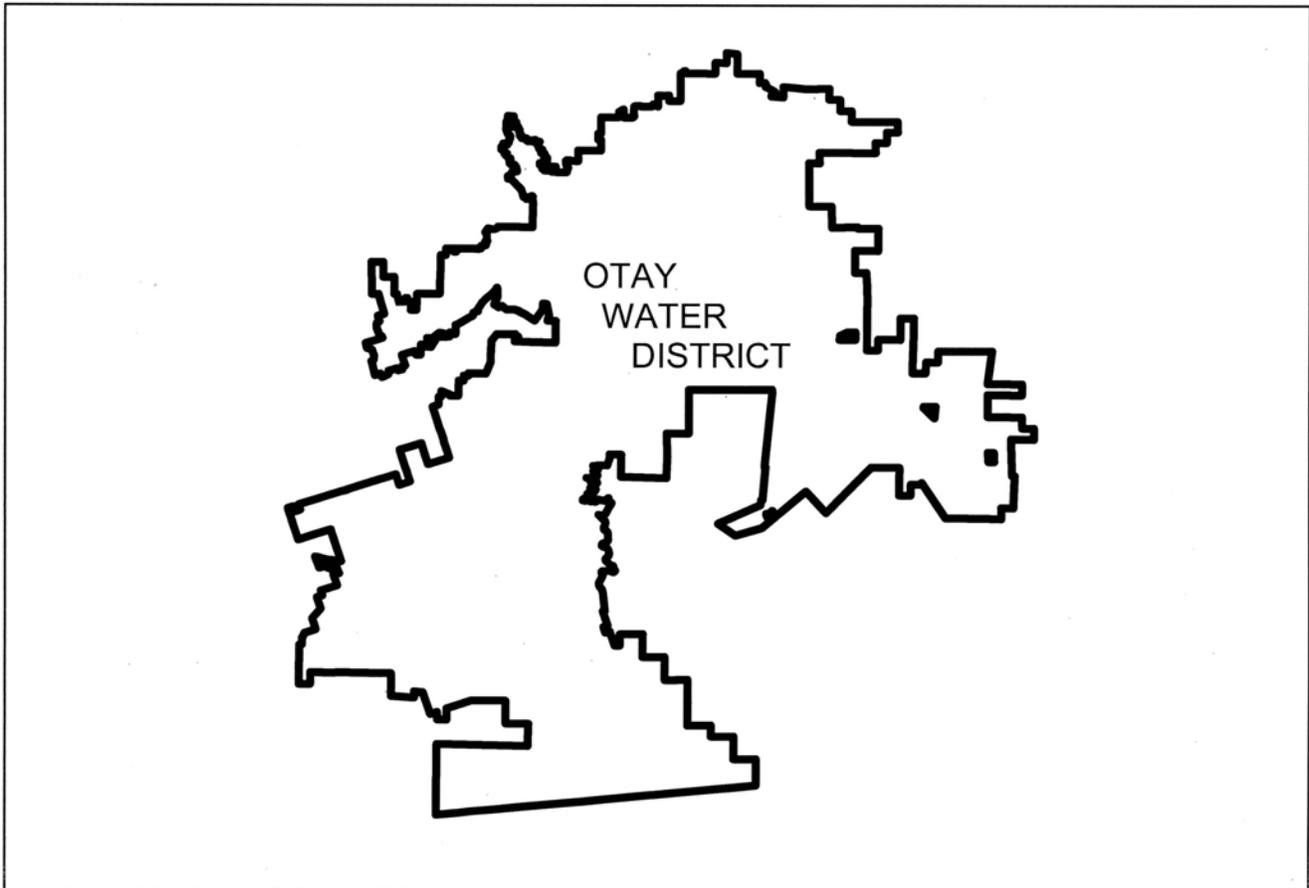
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE</b>	<b>ESTIMATED FINISHED DATE</b>	<b>ESTIMATED COST (X \$1,000):</b>
<b>PLANNING:</b>	7/1/2009	6/30/2016	\$950
<b>DESIGN:</b>			\$0
<b>CONSTRUCTION:</b>			\$0

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
<b>MAINT:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>ENERGY:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CHEMICAL:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book:**



**Submitted By:** Lisa Coburn-Boyd

**Date:** 2/9/2015

<b>PROJECT TITLE:</b> San Miguel Habitat Management/Mitigation Area	<b>CIP Number:</b> P2495
<b>PROJECT MANAGER:</b> Lisa Coburn-Boyd	<b>DIRECTOR DIVISION:</b> 5
<b>ORIGINAL APPROVED DATE:</b> 5/21/2009	<b>I.D. LOCATION:</b> 22
<b>RELATED CIP PROJECTS:</b> P2494	<b>PRIORITY:</b> 1
	<b>BUDGET AMOUNT:</b> \$2,100,000

**DESCRIPTION OF PROJECT:**  
This project is to provide funding for the establishment and management of mitigation areas on capital improvement program projects sites and at the San Miguel Habitat Management Area to offset environmental impacts due to construction activities.

**JUSTIFICATION OF PROJECT:**  
The resource agencies (USFWS, CDFG, etc.) require areas of land to be set aside, established, managed, and maintained in order to mitigate for impacts due to construction activities.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Expansion	100 %	0 %	0 %	0 %	100 %
<b>TOTAL:</b>	100 %	0 %	0 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$1,170	\$120	\$160	\$160	\$180	\$190	\$2,100

**CIP Number: P2495**

**PROJECT SCHEDULE:**

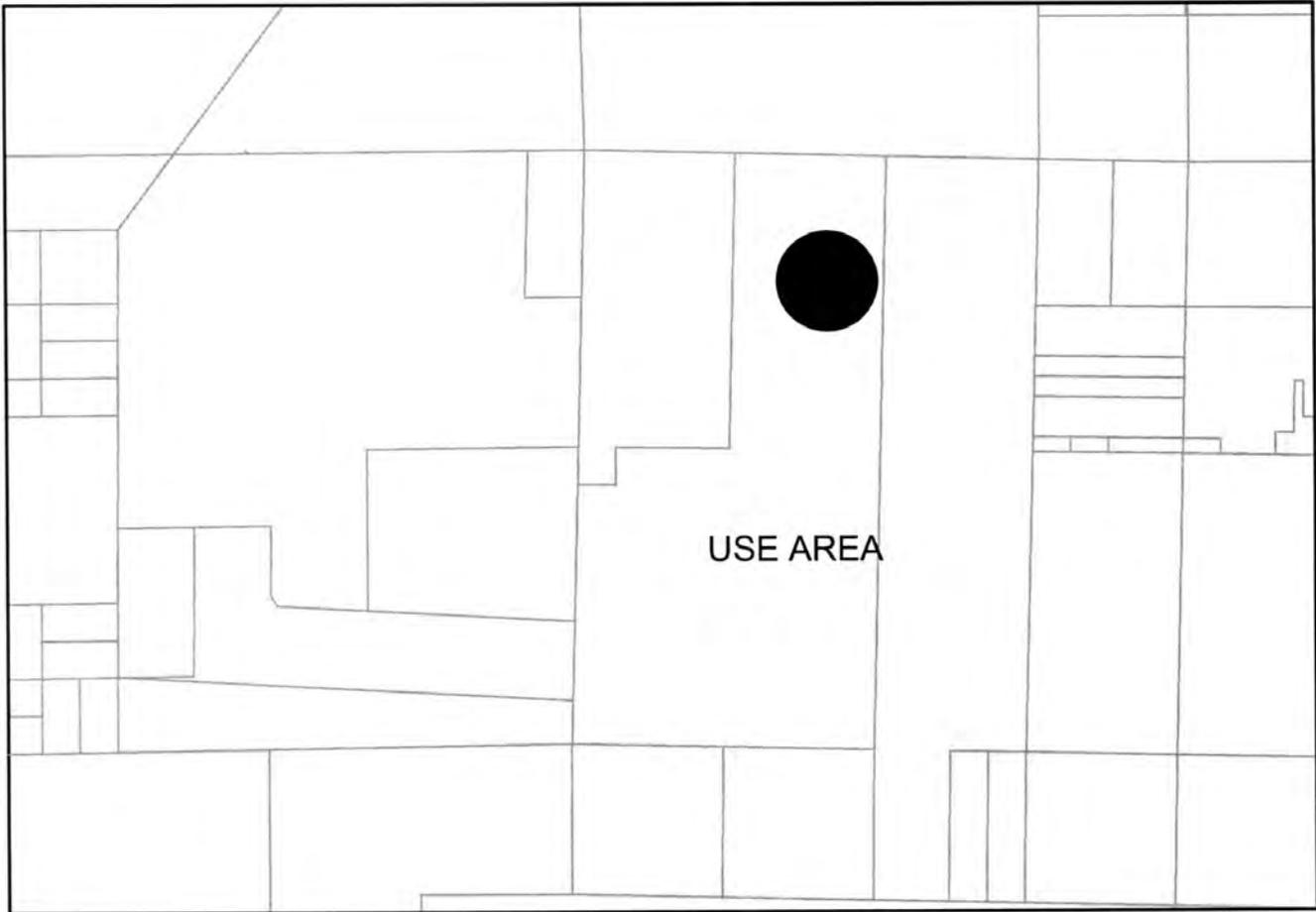
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE</b>	<b>ESTIMATED FINISHED DATE</b>	<b>ESTIMATED COST (X \$1,000):</b>
<b>PLANNING:</b>	7/1/2009	6/30/2021	\$2,100
<b>DESIGN:</b>			\$0
<b>CONSTRUCTION:</b>			\$0

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
<b>MAINT:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>ENERGY:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CHEMICAL:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 159**



**Submitted By:** Rita Bell

**Date:** 4/29/2015

**PROJECT TITLE:** Otay Lakes Road Utility Relocations

**CIP Number:** P2496

**DIRECTOR DIVISION:** 4

**PROJECT MANAGER:** Dan Martin

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:** 5/21/2009

**PRIORITY:** 1

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$325,000

**DESCRIPTION OF PROJECT:**

This project provides funding for all utility relocations required to accommodate the City of Chula Vista road improvement project located along Otay Lakes Road and Telegraph Canyon Road.

**JUSTIFICATION OF PROJECT:**

The Otay Water District will be required to relocate all conflicting systems at its own expense for the City of Chula Vista has prior and superior rights.

**COMMENTS:**

Work under construction.

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$300	\$20	\$5	\$0	\$0	\$0	\$325

CIP Number: P2496

**PROJECT SCHEDULE:**

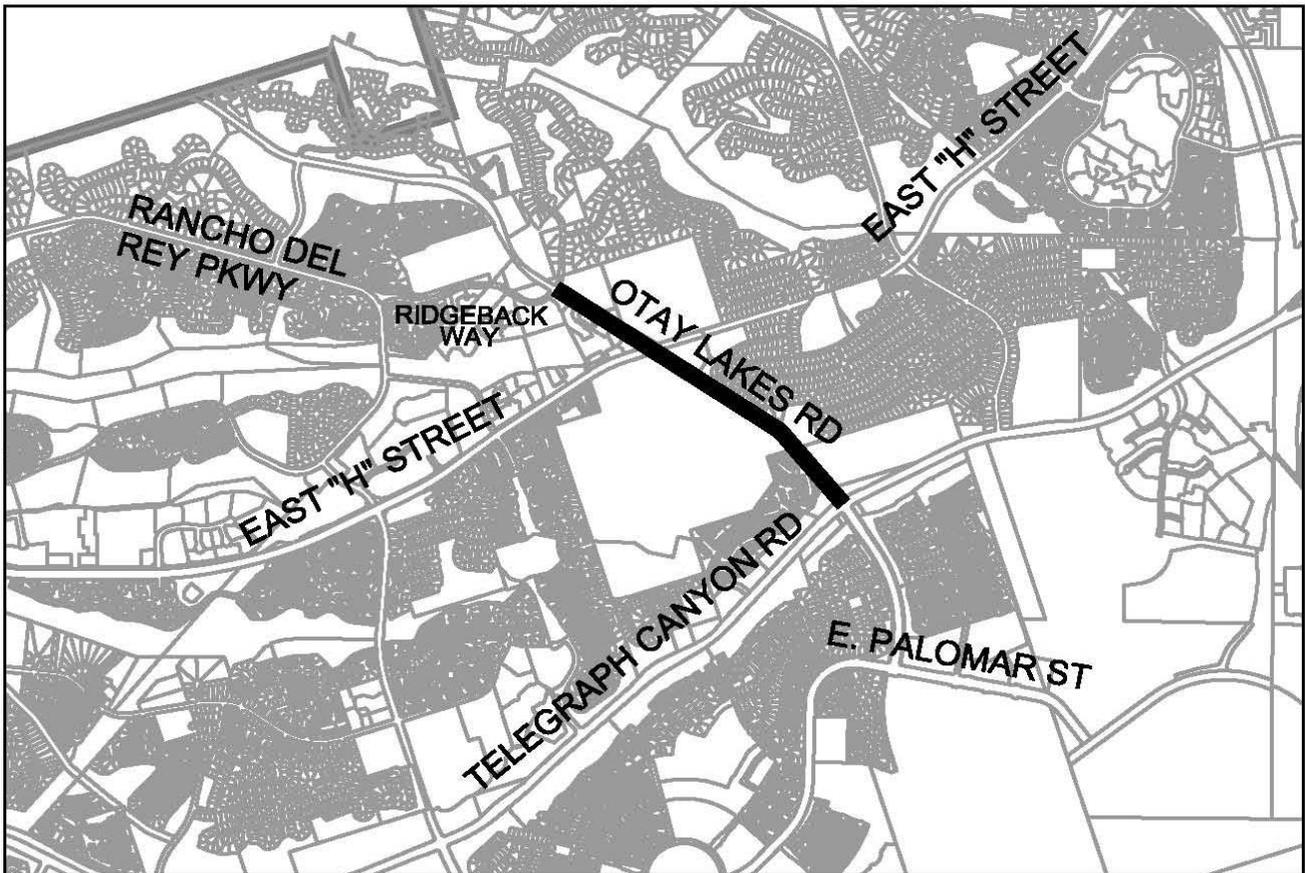
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2009	8/1/2009	\$4
DESIGN:	9/1/2009	12/1/2009	\$11
CONSTRUCTION:	1/1/2010	6/30/2017	\$310

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 113**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**PROJECT TITLE:** Regulatory Site Access Road and Pipeline Relocation

**CIP Number:** P2504

**DIRECTOR DIVISION:** 5

**PROJECT MANAGER:** Kevin Cameron

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:** 5/17/2010

**PRIORITY:** 1

**RELATED CIP PROJECTS:** P2466

**BUDGET AMOUNT:** \$900,000

**DESCRIPTION OF PROJECT:**

Improve the existing access road from the proposed sheriff substation site to the Regulatory Reservoir Site.

**JUSTIFICATION OF PROJECT:**

Improving the existing access road will provide for increased safety and all weather permanent access to the Regulatory Reservoir Site.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	50 %	0 %	50 %
Betterment ID 22	0 %	50 %	0 %	0 %	50 %
<b>TOTAL:</b>	0 %	50 %	50 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$330	\$50	\$365	\$135	\$20	\$0	\$900

CIP Number: P2504

PROJECT SCHEDULE:

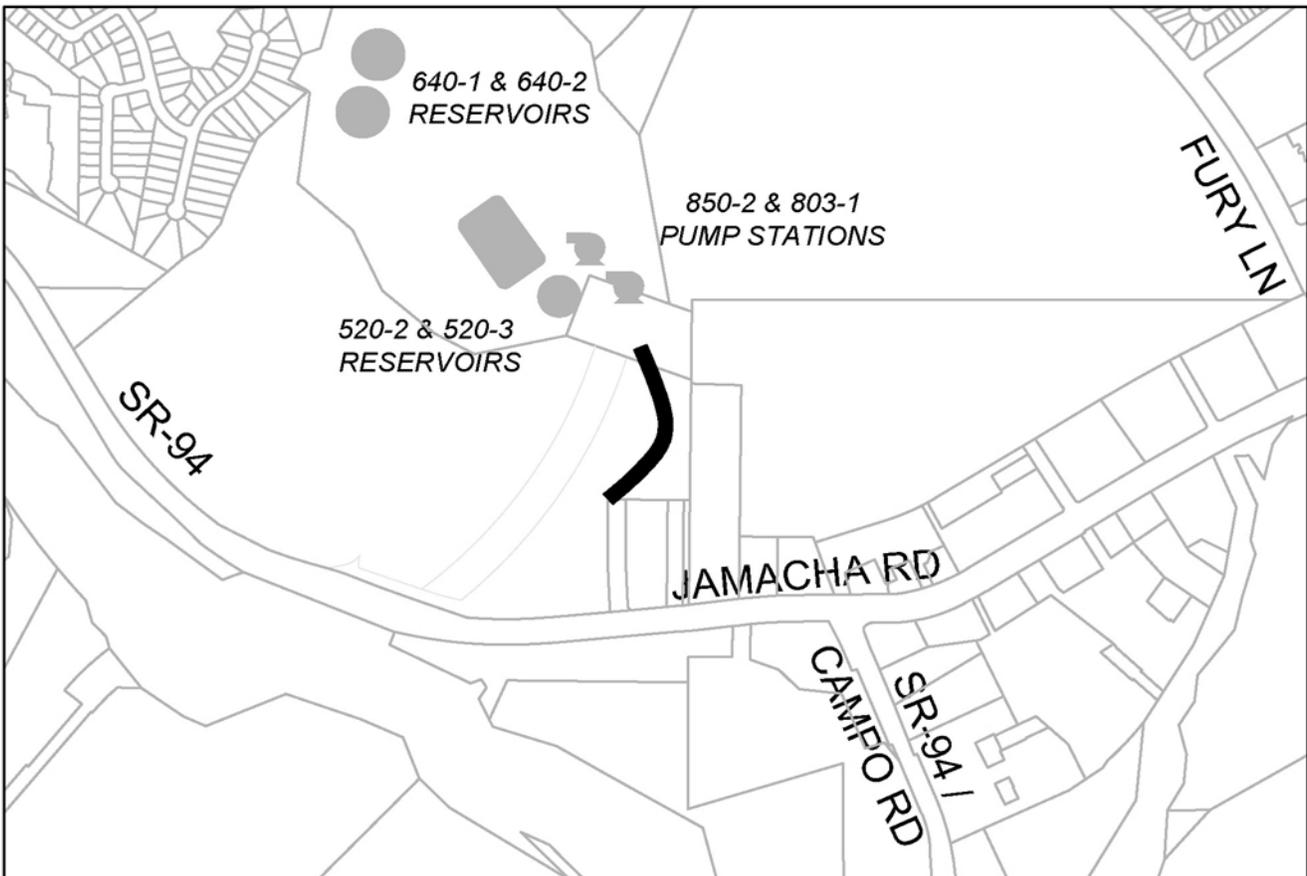
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2010	9/1/2010	\$85
DESIGN:	10/1/2010	12/31/2015	\$275
CONSTRUCTION:	1/1/2016	6/30/2019	\$540

PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

PROJECT LOCATION:

OWD Map Book: 331



Submitted By: Jolene Fielding

Date: 5/7/2015

**PROJECT TITLE:** East Palomar Street Utility Relocation

**CIP Number:** P2507

**DIRECTOR DIVISION:** 2

**PROJECT MANAGER:** Kevin Cameron

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:** 5/17/2010

**PRIORITY:** 2

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$940,000

**DESCRIPTION OF PROJECT:**

This project is for the necessary utility relocations due to construction improvements to I-805 near East Palomar Street. Both the existing potable and recycled water systems will be impacted.

**JUSTIFICATION OF PROJECT:**

Caltrans will be making improvements to I-805 that will result in conflicts with existing pipelines. Project funds reimbursement to Caltrans.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$685	\$25	\$120	\$110	\$0	\$0	\$940

CIP Number: P2507

**PROJECT SCHEDULE:**

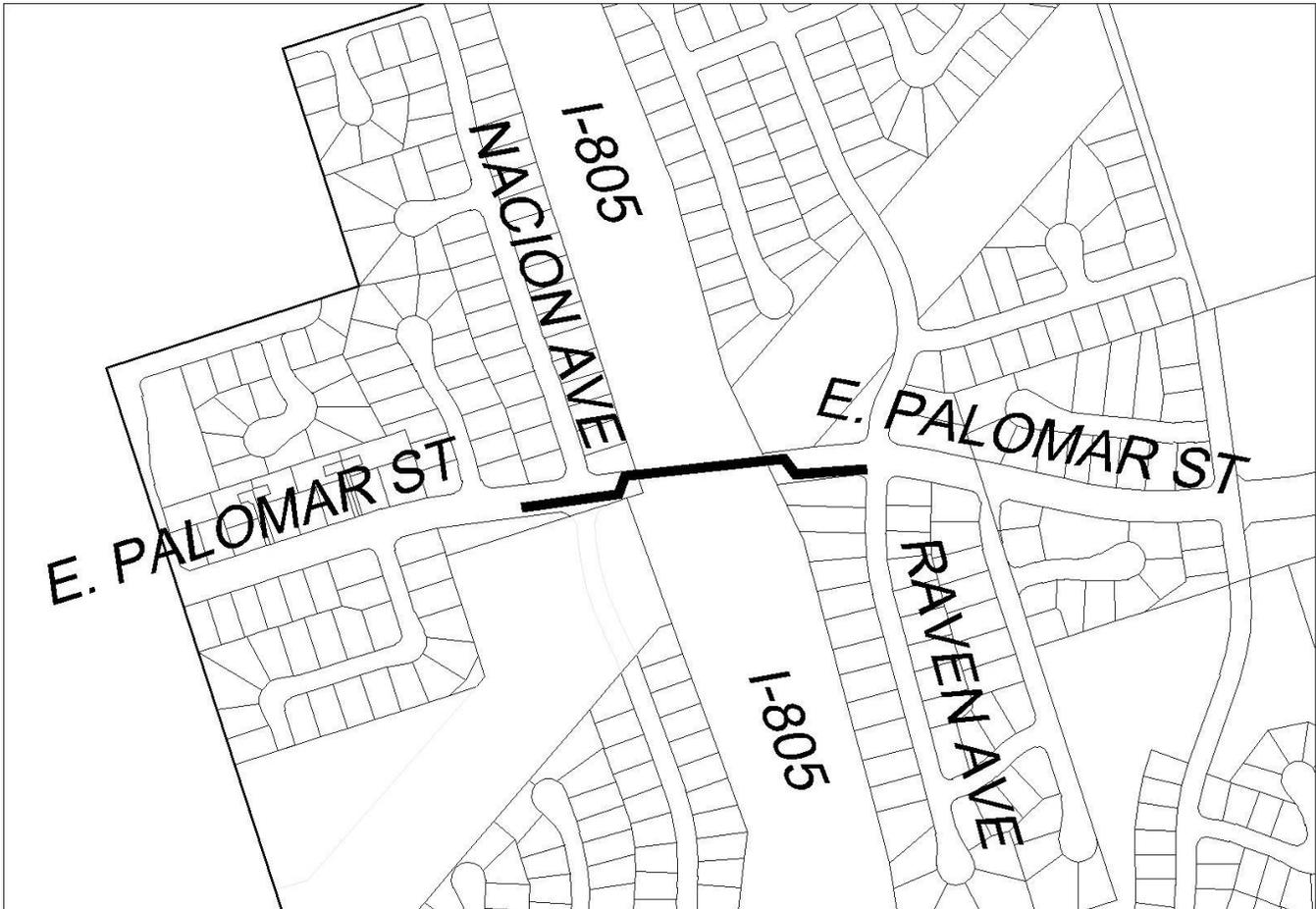
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2010	12/1/2010	\$5
DESIGN:	1/1/2011	12/1/2012	\$245
CONSTRUCTION:	1/1/2013	6/30/2018	\$690

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 80**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**PROJECT TITLE:** Pipeline Cathodic Protection Replacement Program

**CIP Number:** P2508

**PROJECT MANAGER:** Jeff Marchioro

**DIRECTOR DIVISION:** 0

**ORIGINAL APPROVED DATE:** 5/17/2010

**I.D. LOCATION:** District Wide

**RELATED CIP PROJECTS:**

**PRIORITY:** 1

**BUDGET AMOUNT:** \$725,000

**DESCRIPTION OF PROJECT:**

This project is for the replacement and repairs of existing cathodic protection systems on various pipelines.

**JUSTIFICATION OF PROJECT:**

The ongoing cathodic protection program efforts have identified various pipelines for anode replacement, cathodic test station repair, installation of isolation kits, and repair of existing anode beds.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>							
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>	
	\$178	\$150	\$300	\$50	\$47	\$0	\$0	\$725

**CIP Number: P2508**

**PROJECT SCHEDULE:**

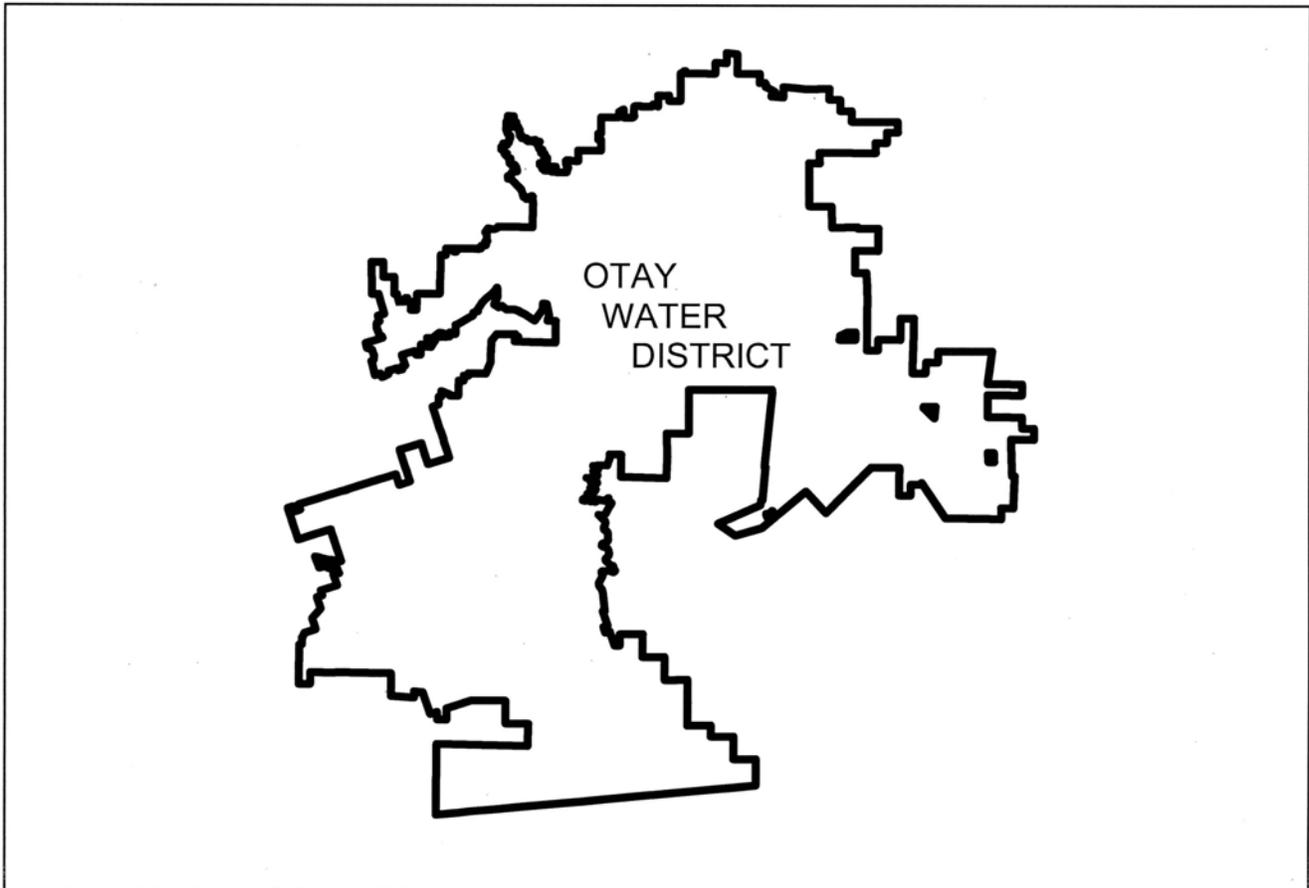
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE</b>	<b>ESTIMATED FINISHED DATE</b>	<b>ESTIMATED COST (X \$1,000):</b>
<b>PLANNING:</b>	7/1/2010	6/30/2016	\$50
<b>DESIGN:</b>	7/1/2014	6/30/2016	\$100
<b>CONSTRUCTION:</b>	10/1/2015	6/30/2019	\$575

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
<b>MAINT:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>ENERGY:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CHEMICAL:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book:**



**Submitted By:** Jolene Fielding

**Date:** 5/6/2015

**PROJECT TITLE:** 870-1 Reservoir Paving

**CIP Number:** P2515

**DIRECTOR DIVISION:** 2

**PROJECT MANAGER:** Stephen Beppler

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:** 5/16/2011

**PRIORITY:** 2

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$510,000

**DESCRIPTION OF PROJECT:**

This project is for repaving the existing perimeter road around the 870-1 Reservoir and add roadway paving to the reservoir.

**JUSTIFICATION OF PROJECT:**

The existing perimeter reservoir roadway is at the end of its useful life and access to the reservoir is limited in the winter months and unsafe.

**COMMENTS:**

Project is complete. Warranty work and miscellaneous security improvements will be added.

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$495	\$15	\$0	\$0	\$0	\$0	\$510

CIP Number: P2515

**PROJECT SCHEDULE:**

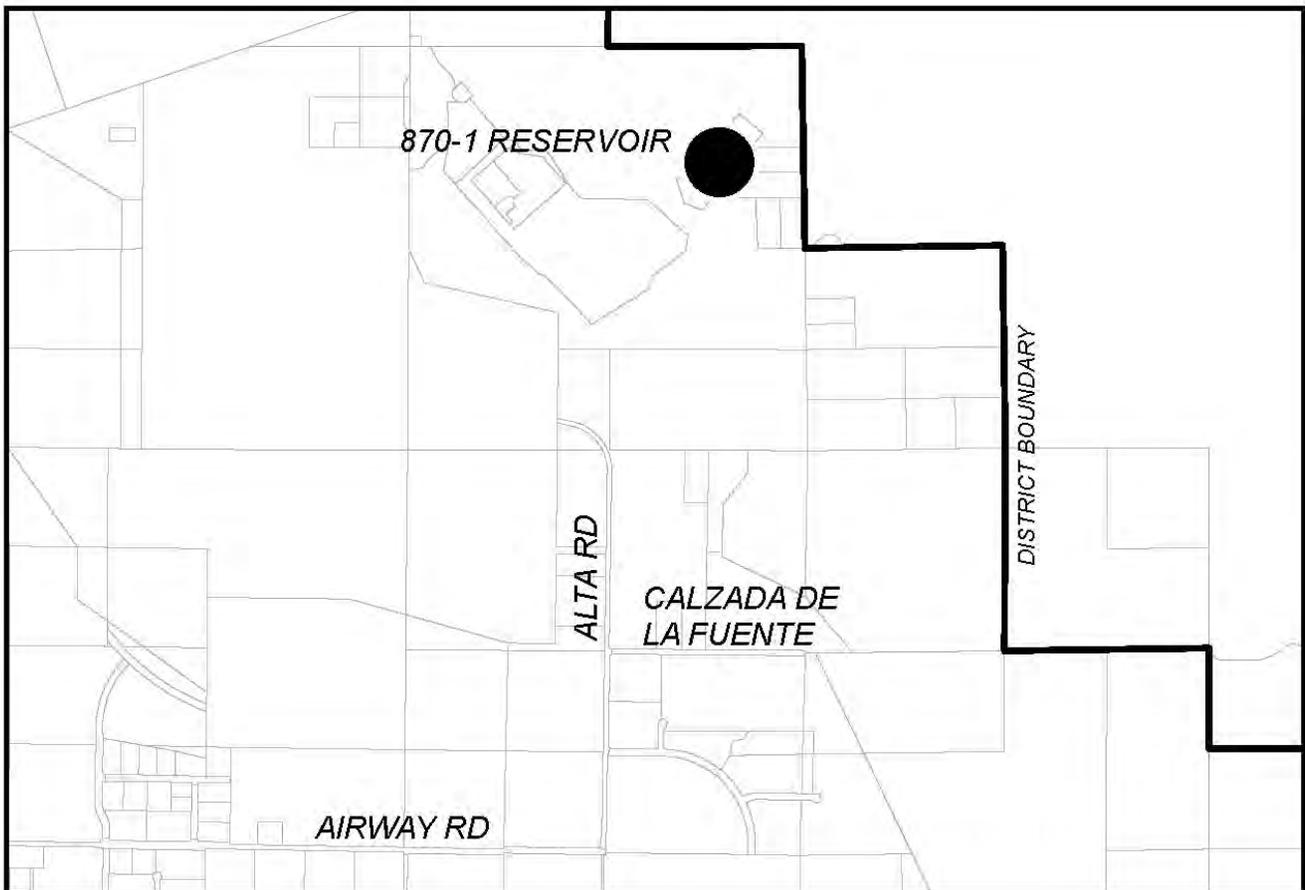
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2011	12/1/2011	\$50
DESIGN:	1/1/2012	12/31/2014	\$75
CONSTRUCTION:	1/1/2015	6/30/2016	\$385

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 55**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**PROJECT TITLE:** 803-3 Reservoir Interior/Exterior Coating

**CIP Number:** P2518

**DIRECTOR DIVISION:** 5

**PROJECT MANAGER:** Kevin Cameron

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:** 5/15/2012

**PRIORITY:** 2

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$700,000

**DESCRIPTION OF PROJECT:**

This project provides funding for the interior and exterior coating of the 803-3 Reservoir. In addition, an assessment of the facility will be accomplished to assure compliance to all applicable codes and OSHA standards.

**JUSTIFICATION OF PROJECT:**

Based upon the 2010 Cathodic Assessment Report, the 803-3 Reservoir interior and exterior coatings are in relatively poor condition and are in need of replacement.

**COMMENTS:**

Project complete. Project to be suspended until warranty inspection in 2016.

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$635	\$20	\$45	\$0	\$0	\$0	\$700

CIP Number: P2518

**PROJECT SCHEDULE:**

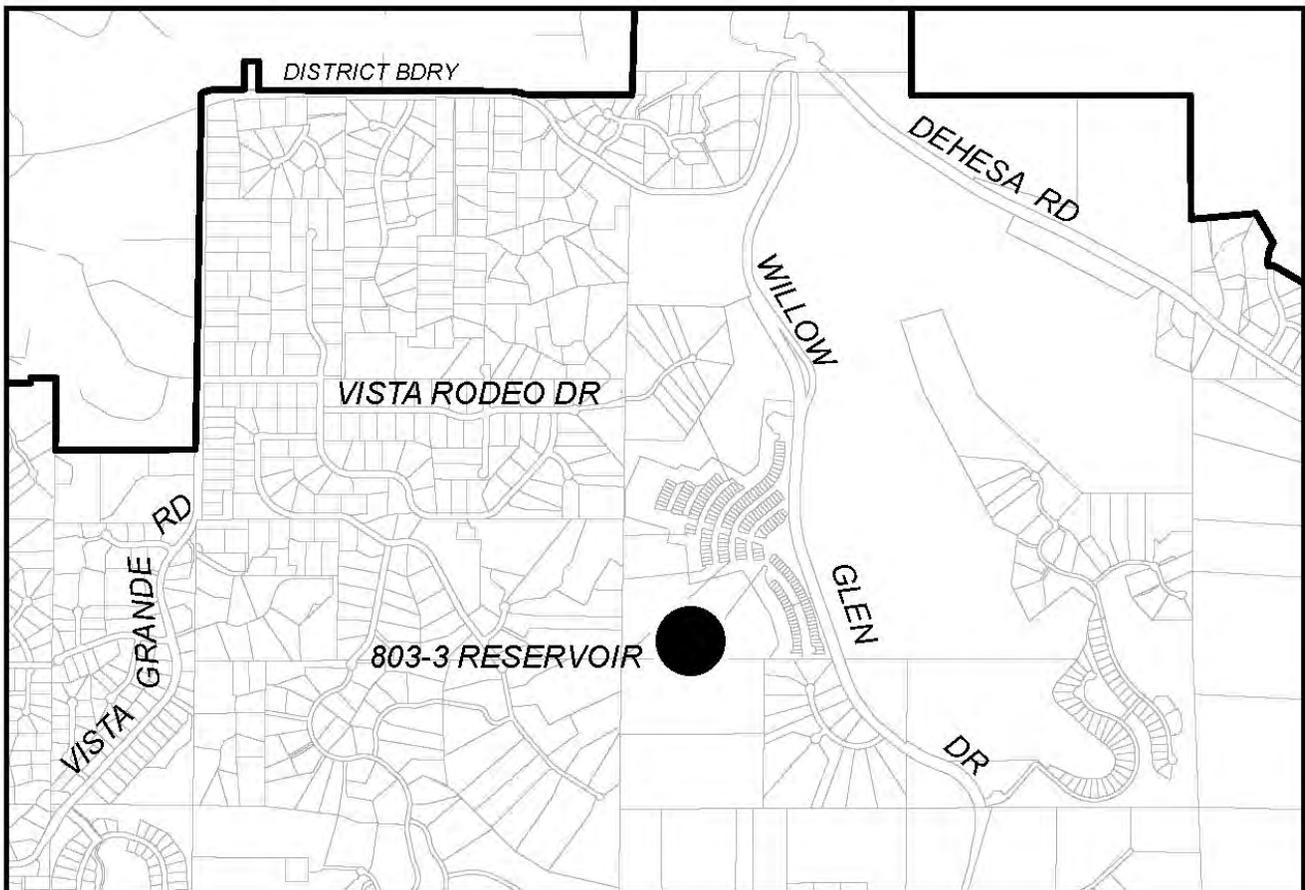
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2011	9/1/2012	\$10
DESIGN:	10/1/2012	12/1/2013	\$65
CONSTRUCTION:	1/1/2013	7/31/2016	\$625

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 370**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**PROJECT TITLE:** 832-2 Reservoir Interior/Exterior Coating

**CIP Number:** P2519

**PROJECT MANAGER:** Kevin Cameron

**DIRECTOR DIVISION:** 5

**ORIGINAL APPROVED DATE:** 5/15/2012

**I.D. LOCATION:** 22

**RELATED CIP PROJECTS:**

**PRIORITY:** 2

**BUDGET AMOUNT:** \$750,000

**DESCRIPTION OF PROJECT:**

This project provides funding for the interior and exterior coating of the 832-2 Reservoir. In addition, an assessment of the facility will be accomplished to assure compliance to all applicable codes and OSHA standards.

**JUSTIFICATION OF PROJECT:**

Based upon the 2010 Cathodic Assessment Report, the 832-2 Reservoir interior and exterior coatings are in relatively poor condition and are in need of replacement.

**COMMENTS:**

Project under construction.

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$660	\$20	\$45	\$25	\$0	\$0	\$750

CIP Number: P2519

**PROJECT SCHEDULE:**

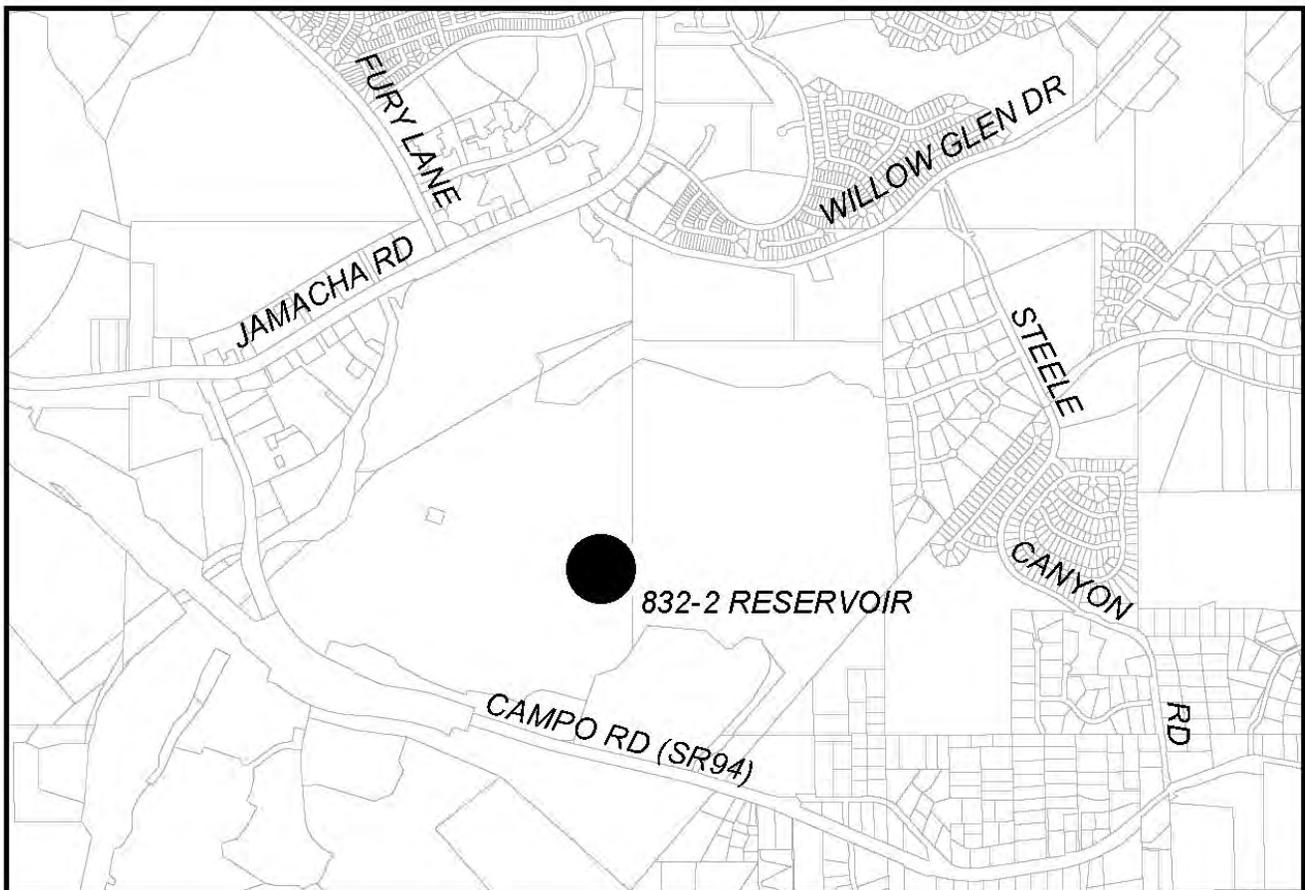
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2011	9/1/2012	\$10
DESIGN:	10/1/2012	12/1/2013	\$50
CONSTRUCTION:	1/1/2013	7/31/2016	\$690

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 332**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**PROJECT TITLE:** Motorola Mobile Radio Upgrade

**CIP Number:** P2520

**DIRECTOR DIVISION:** 0

**PROJECT MANAGER:** Jose Martinez

**I.D. LOCATION:** District Wide

**ORIGINAL APPROVED DATE:** 5/16/2011

**PRIORITY:** 1

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$135,000

**DESCRIPTION OF PROJECT:**

This project is for Motorola radio upgrades which involves three components, radio repeater upgrade, portable and base unit upgrades, and vehicle mobile radio upgrades.

**JUSTIFICATION OF PROJECT:**

The existing Motorola radio equipment is an essential part of the District's Emergency Response Program. A recent assessment of the radio equipment has determined that the equipment has reached the end of its useful life and needs upgrades.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$91	\$30	\$14	\$0	\$0	\$0	\$135

**CIP Number: P2520**

**PROJECT SCHEDULE:**

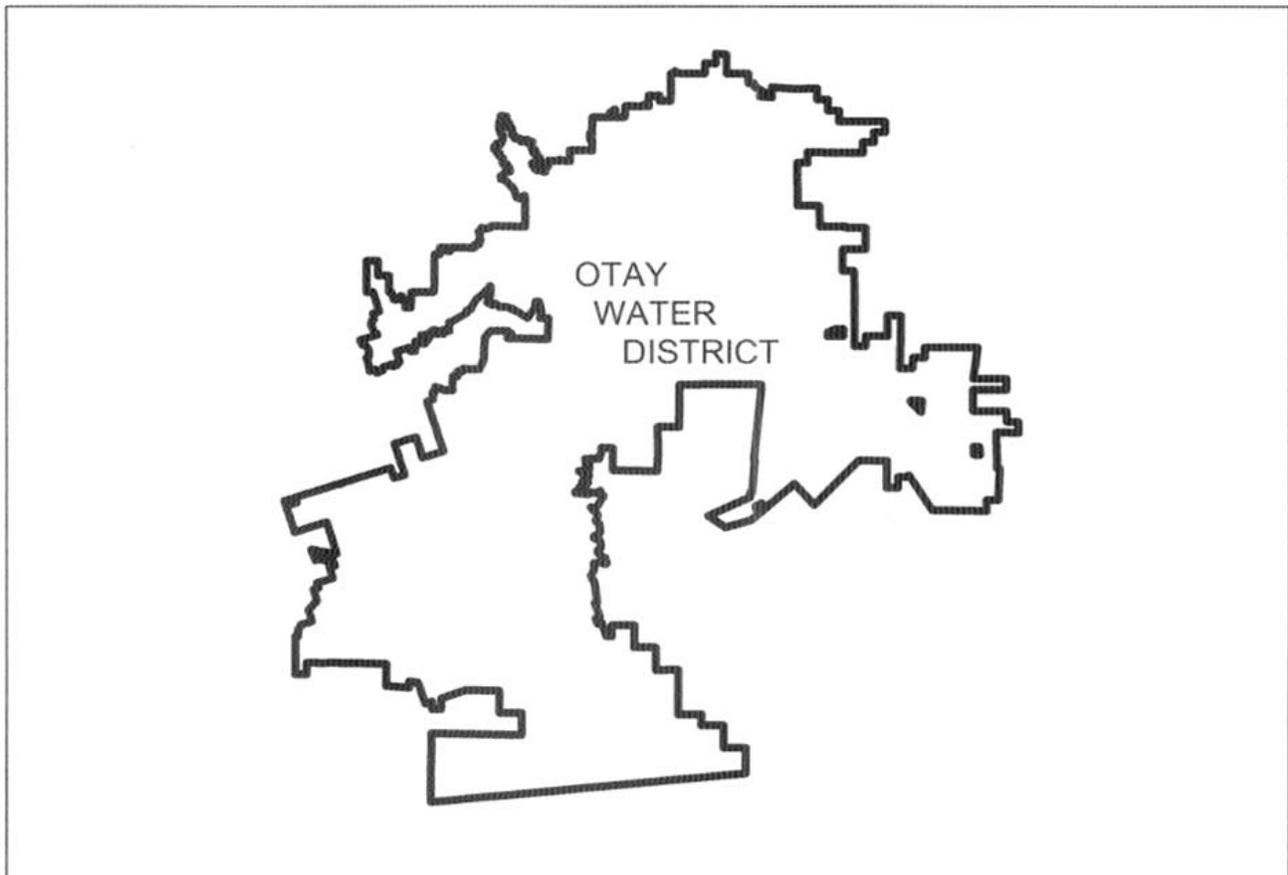
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE</b>	<b>ESTIMATED FINISHED DATE</b>	<b>ESTIMATED COST (X \$1,000):</b>
<b>PLANNING:</b>			\$0
<b>DESIGN:</b>			\$0
<b>CONSTRUCTION:</b>	8/1/2011	6/30/2017	\$135

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
<b>MAINT:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>ENERGY:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CHEMICAL:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book:**



**Submitted By:** Rita Bell

**Date:** 4/29/2015

**PROJECT TITLE:** 711-2 Reservoir Interior & Exterior Coating

**CIP Number:** P2529

**DIRECTOR DIVISION:** 1

**PROJECT MANAGER:** Kevin Cameron

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:**

**PRIORITY:** 2

**RELATED CIP PROJECTS:** P2530

**BUDGET AMOUNT:** \$790,000

**DESCRIPTION OF PROJECT:**

This project provides funding for the interior and exterior coating of the 711-2 Reservoir. In addition, an assessment of the facility will be accomplished to assure compliance to all applicable codes and OSHA standards.

**JUSTIFICATION OF PROJECT:**

Based upon the 2011 Cathodic Assessment Report, the 711-2 Reservoir interior and exterior coatings are in relatively poor condition and are in need of replacement.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$0	\$600	\$130	\$25	\$35	\$0	\$790

CIP Number: P2529

**PROJECT SCHEDULE:**

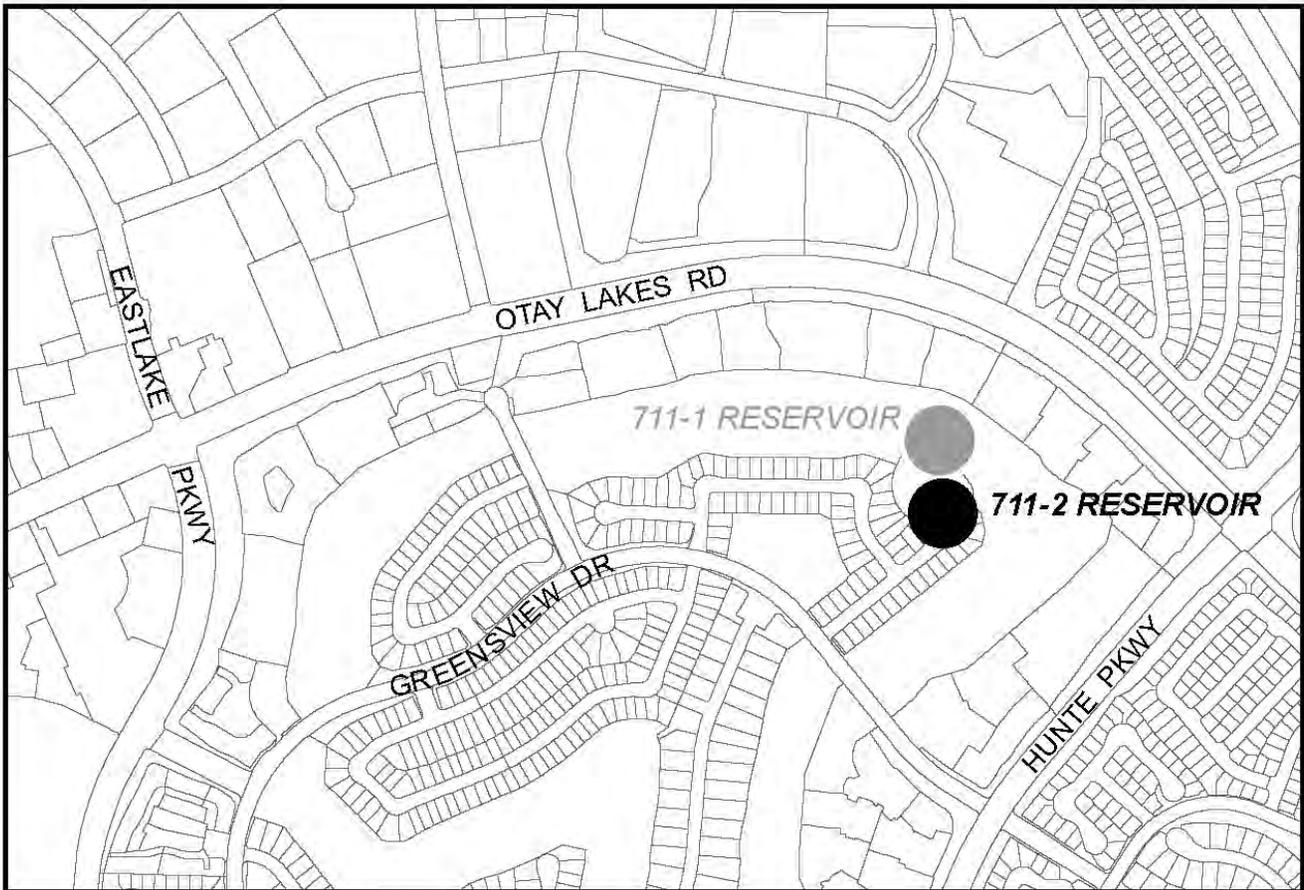
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	6/1/2015	8/31/2015	\$10
DESIGN:	9/1/2015	12/31/2015	\$95
CONSTRUCTION:	1/1/2016	8/1/2018	\$685

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 131**



**Submitted By:** Rita Bell

**Date:** 4/29/2015

**PROJECT TITLE:** 711-1 Reservoir Interior & Exterior Coating

**CIP Number:** P2530

**DIRECTOR DIVISION:** 1

**PROJECT MANAGER:** Kevin Cameron

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:**

**PRIORITY:** 2

**RELATED CIP PROJECTS:** P2529

**BUDGET AMOUNT:** \$1,040,000

**DESCRIPTION OF PROJECT:**

This project provides funding for the interior and exterior coating of the 711-1 Reservoir. In addition, an assessment of the facility will be accomplished to assure compliance to all applicable codes and OSHA standards.

**JUSTIFICATION OF PROJECT:**

Based upon the 2011 Cathodic Assessment Report, the 711-1 Reservoir interior and exterior coatings are in relatively poor condition and are in need of replacement.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>							
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>	
	\$0	\$800	\$200	\$15	\$25	\$0	\$0	\$1,040

CIP Number: P2530

**PROJECT SCHEDULE:**

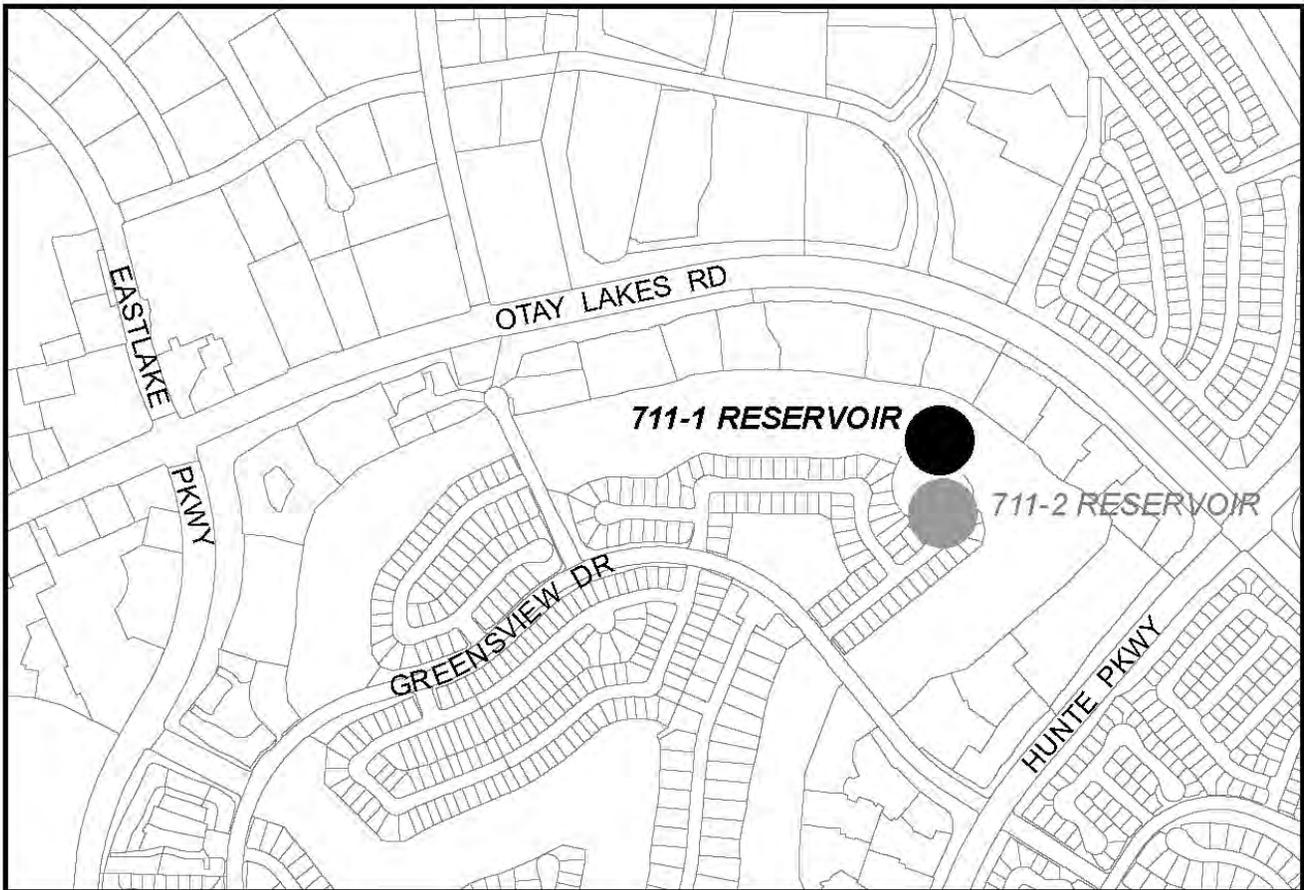
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	6/1/2015	8/31/2015	\$10
DESIGN:	9/1/2015	12/31/2015	\$65
CONSTRUCTION:	1/1/2016	8/1/2018	\$965

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 131**



**Submitted By:** Rita Bell

**Date:** 4/29/2015

**PROJECT TITLE:** 944-1 Reservoir Interior & Exterior Coating

**CIP Number:** P2531

**DIRECTOR DIVISION:** 5

**PROJECT MANAGER:** Kevin Cameron

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:**

**PRIORITY:** 1

**RELATED CIP PROJECTS:** P2532

**BUDGET AMOUNT:** \$315,000

**DESCRIPTION OF PROJECT:**

This project provides funding for the interior and exterior coating of the 944-1 Reservoir. In addition, an assessment of the facility will be accomplished to assure compliance to all applicable codes and OSHA standards.

**JUSTIFICATION OF PROJECT:**

Based upon the 2011 Cathodic Assessment Report, the 944-1 Reservoir interior and exterior coatings are in relatively poor condition and are in need of replacement.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$100	\$130	\$50	\$35	\$0	\$0	\$0
							\$315

CIP Number: P2531

**PROJECT SCHEDULE:**

PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	5/1/2014	6/30/2014	\$10
DESIGN:	7/1/2014	10/31/2014	\$40
CONSTRUCTION:	12/31/2014	6/30/2017	\$265

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 322**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**PROJECT TITLE:** 944-2 Reservoir Interior & Exterior Coating

**CIP Number:** P2532

**DIRECTOR DIVISION:** 5

**PROJECT MANAGER:** Kevin Cameron

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:**

**PRIORITY:** 2

**RELATED CIP PROJECTS:** P2531

**BUDGET AMOUNT:** \$895,000

**DESCRIPTION OF PROJECT:**

This project provides funding for the interior and exterior coating of the 944-2 Reservoir. In addition, an assessment of the facility will be accomplished to assure compliance to all applicable codes and OSHA standards.

**JUSTIFICATION OF PROJECT:**

Based upon the 2011 Cathodic Assessment Report, the 944-2 Reservoir interior and exterior coatings are in relatively poor condition and are in need of replacement.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$745	\$50	\$50	\$0	\$0	\$0	\$895

CIP Number: P2532

**PROJECT SCHEDULE:**

PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	5/1/2014	6/30/2014	\$10
DESIGN:	7/1/2014	10/31/2014	\$75
CONSTRUCTION:	12/31/2014	12/31/2017	\$810

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 322**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**PROJECT TITLE:** 1200-1 Reservoir Interior & Exterior Coating

**CIP Number:** P2533

**DIRECTOR DIVISION:** 5

**PROJECT MANAGER:** Kevin Cameron

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:**

**PRIORITY:** 2

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$565,000

**DESCRIPTION OF PROJECT:**

This project provides funding for the interior and exterior coating of the 1200-1 Reservoir. In addition, an assessment of the facility will be accomplished to assure compliance to all applicable codes and OSHA standards.

**JUSTIFICATION OF PROJECT:**

Based upon the 2011 Cathodic Assessment Report, the 1200-1 Reservoir interior and exterior coatings are in relatively poor condition and are in need of replacement.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>							
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>	
	\$0	\$5	\$490	\$35	\$35	\$0	\$0	\$565

CIP Number: P2533

**PROJECT SCHEDULE:**

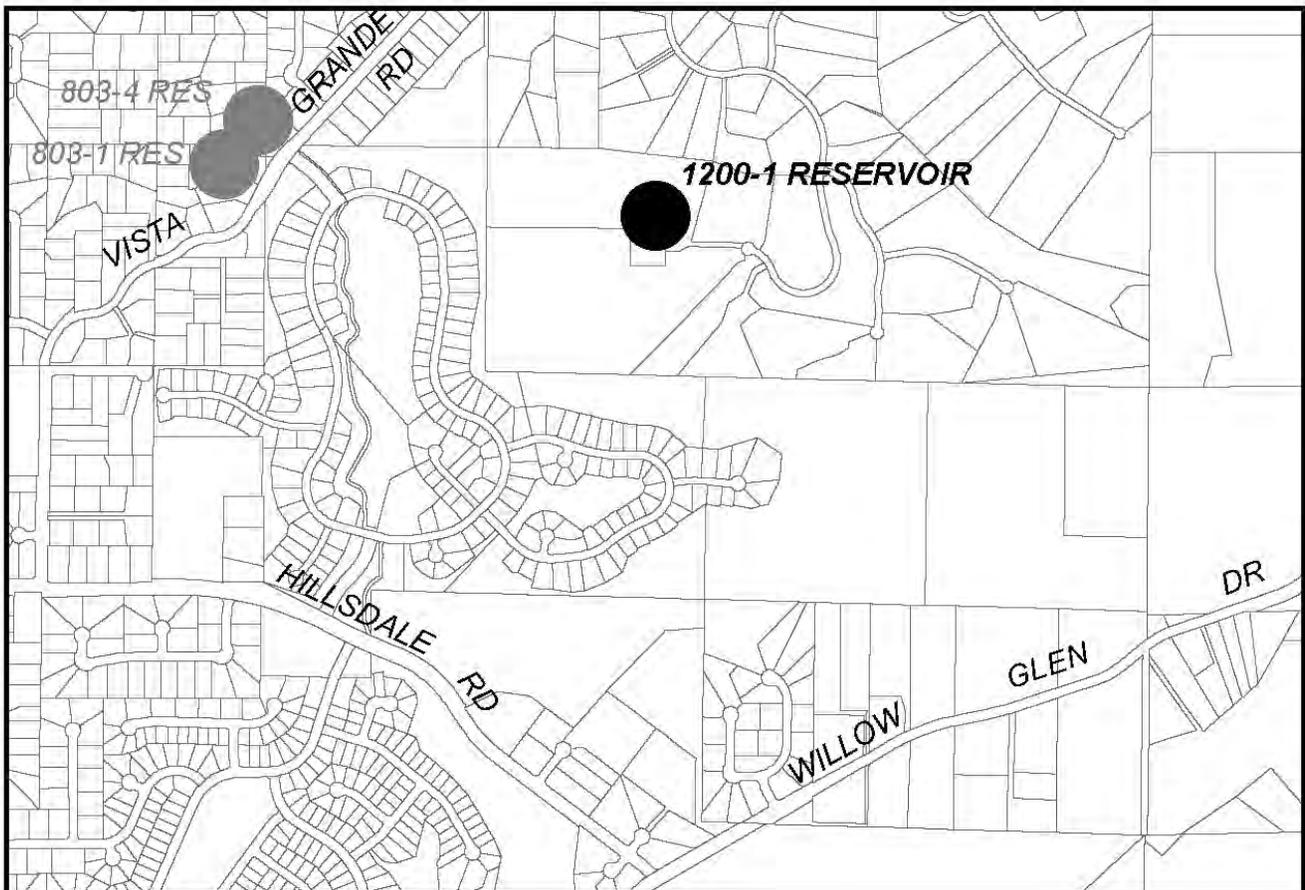
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	6/1/2016	9/30/2016	\$5
DESIGN:	10/1/2016	12/31/2016	\$60
CONSTRUCTION:	1/1/2017	6/30/2019	\$500

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 369**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**PROJECT TITLE:** 978-1 Reservoir Interior & Exterior Coating

**CIP Number:** P2534

**DIRECTOR DIVISION:** 5

**PROJECT MANAGER:** Kevin Cameron

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:**

**PRIORITY:** 2

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$325,000

**DESCRIPTION OF PROJECT:**

This project provides funding for the interior and exterior coating of the 978-1 Reservoir. In addition, an assessment of the facility will be accomplished to assure compliance to all applicable codes and OSHA standards.

**JUSTIFICATION OF PROJECT:**

Based upon the 2011 Cathodic Assessment Report, the 978-1 Reservoir interior and exterior coatings are in relatively poor condition and are in need of replacement.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>							
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>	
	\$0	\$0	\$10	\$275	\$5	\$35	\$0	\$325

CIP Number: P2534

**PROJECT SCHEDULE:**

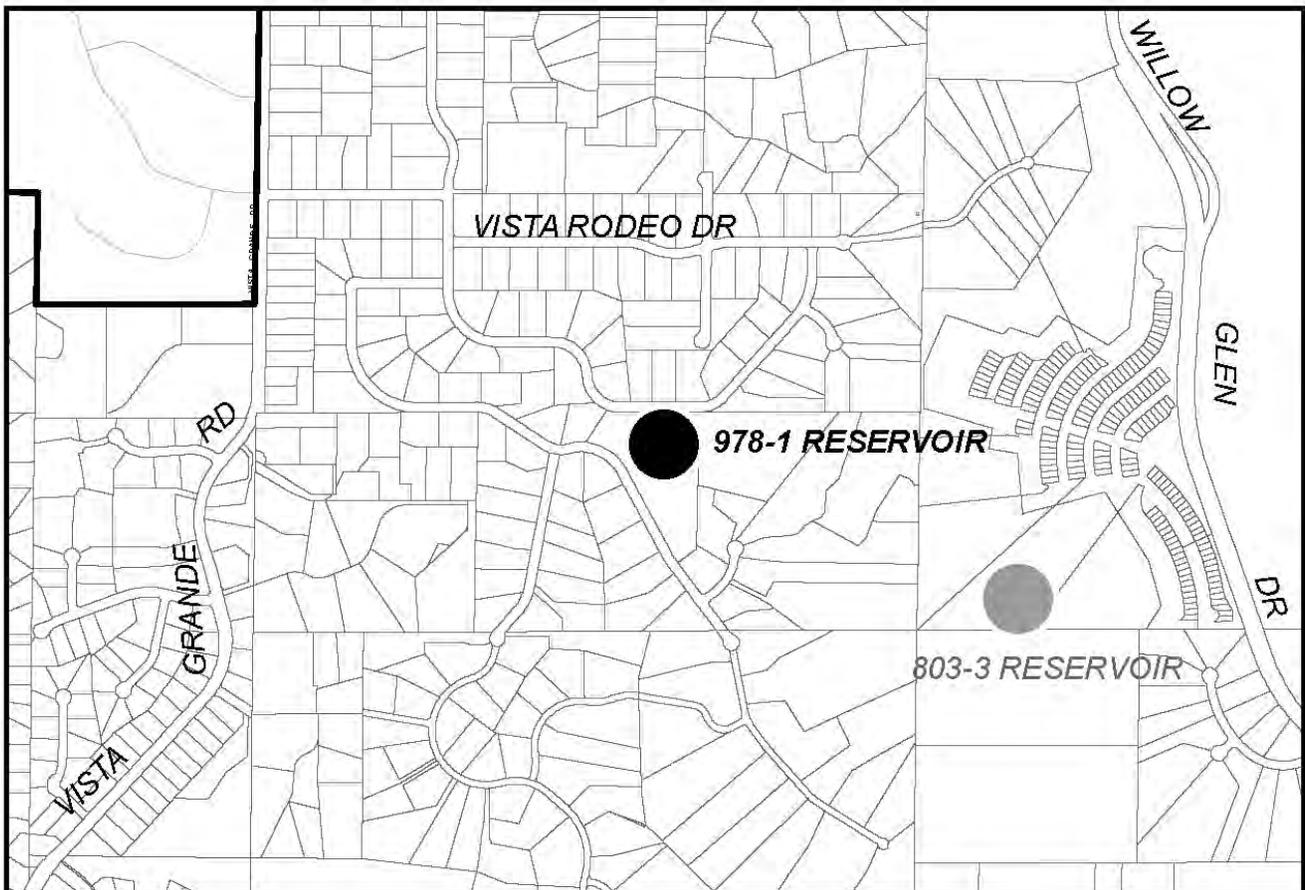
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	6/2/2016	9/30/2016	\$10
DESIGN:	10/1/2016	12/31/2016	\$40
CONSTRUCTION:	1/1/2017	6/30/2019	\$275

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 378**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**PROJECT TITLE:** 458-2 Reservoir Interior & Exterior Coating & Upgrades

**CIP Number:** P2535

**DIRECTOR DIVISION:** 2

**PROJECT MANAGER:** Kevin Cameron

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:** 5/15/2012

**PRIORITY:** 2

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$660,000

**DESCRIPTION OF PROJECT:**

This project provides funding for the interior and exterior coating of the 458-2 Reservoir. In addition, an assessment of the facility will be accomplished to assure compliance to all applicable codes and OSHA standards.

**JUSTIFICATION OF PROJECT:**

Based upon the 2011 Cathodic Assessment Report, the 458-2 Reservoir interior coating is in relatively poor condition and is in need of replacement. The exterior coating on the roof is failing and in need of replacement.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$505	\$115	\$5	\$35	\$0	\$0	\$660

CIP Number: P2535

**PROJECT SCHEDULE:**

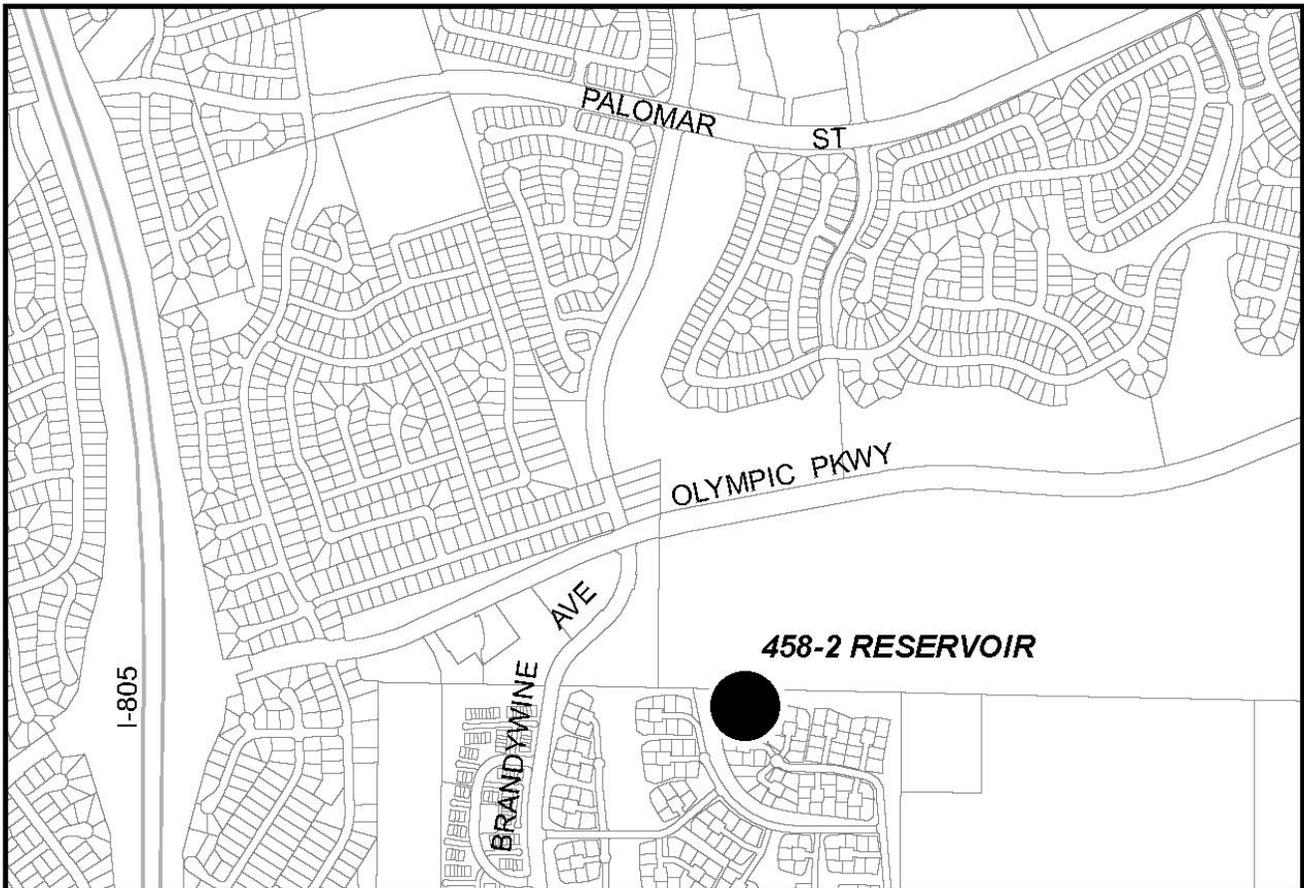
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	6/1/2013	9/30/2013	\$5
DESIGN:	10/1/2013	12/31/2014	\$65
CONSTRUCTION:	1/1/2015	6/30/2017	\$590

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 66**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**PROJECT TITLE:** Administration and Operations Building Fire Sprinkler Replacement Program

**CIP Number:** P2538

**PROJECT MANAGER:** Kevin Cameron

**DIRECTOR DIVISION:** 5

**ORIGINAL APPROVED DATE:**

**I.D. LOCATION:** 22

**RELATED CIP PROJECTS:**

**PRIORITY:** 1

**BUDGET AMOUNT:** \$110,000

**DESCRIPTION OF PROJECT:**

A licensed fire sprinkler designer is required to prepare plans and specifications for the work and obtain all permits and approvals before the project can be competitively bid by contractors.

**JUSTIFICATION OF PROJECT:**

Inspections of the Administration building and the Operations building fire sprinkler systems are performed to NFPA-25, California Code of Regulations, Title 19 and Local Fire Department requirements annually. A recent inspection of the fire sprinkler system has identified corrosion throughout the systems as the cause for leaks the District experienced last year and is recommending the replacement of the existing fire sprinkler systems piping.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$67	\$5	\$20	\$18	\$0	\$0	\$110

CIP Number: P2538

**PROJECT SCHEDULE:**

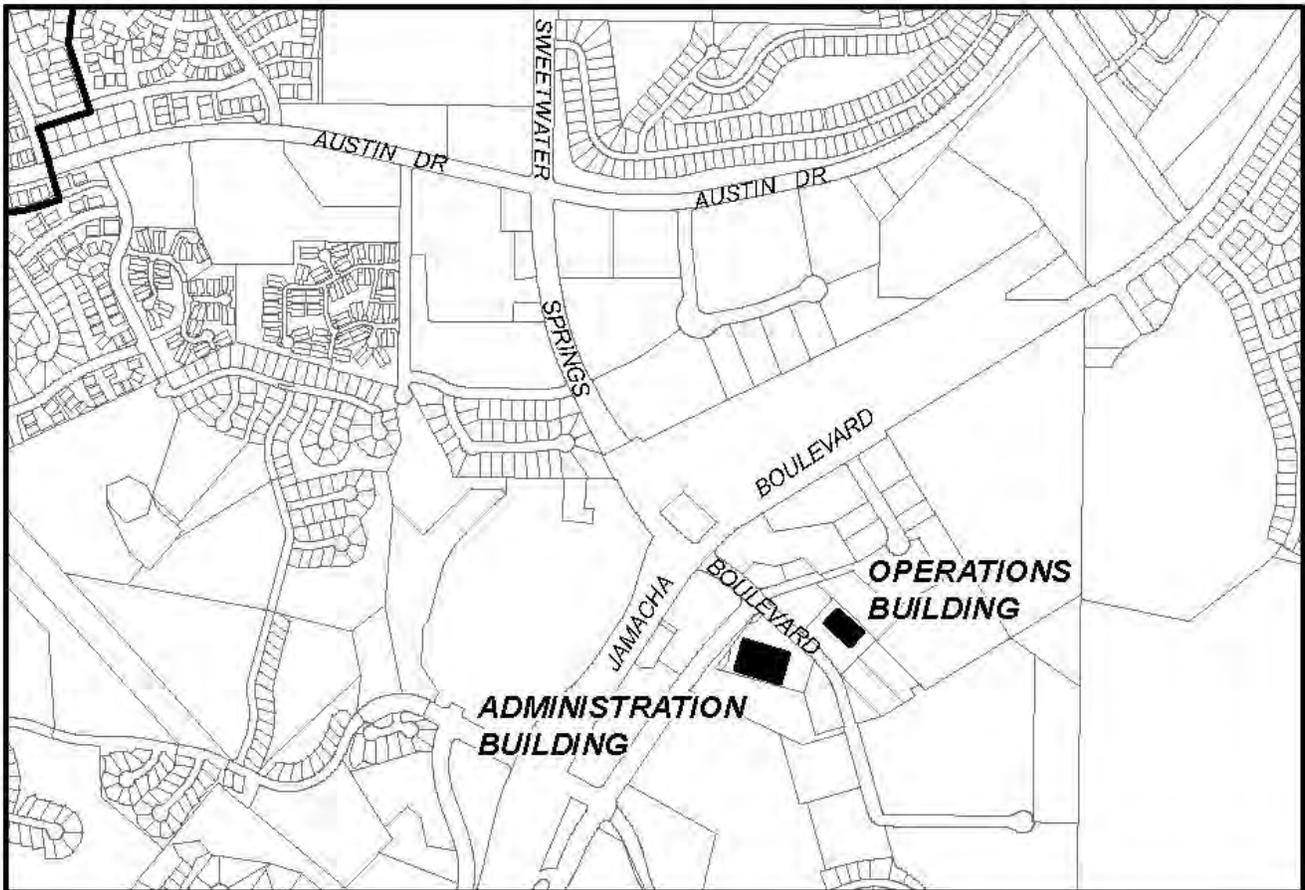
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	12/1/2012	7/1/2013	\$0
DESIGN:	7/1/2013	3/1/2014	\$40
CONSTRUCTION:	3/1/2014	6/30/2018	\$70

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 318**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**PROJECT TITLE:** South Bay Bus Rapid Transit (BRT) Utility Relocations

**CIP Number:** P2539

**DIRECTOR DIVISION:** 1

**PROJECT MANAGER:** Kevin Cameron

**I.D. LOCATION:** 22/27

**ORIGINAL APPROVED DATE:**

**PRIORITY:** 1

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$940,000

**DESCRIPTION OF PROJECT:**

This project provides funding for all utility relocations required due to construction of South Bay BRT. Facility relocations vary in size and they impact both the potable and recycled water systems.

**JUSTIFICATION OF PROJECT:**

Project improvements will affect the locations of some OWD facilities in streets in Chula Vista. Engineering/staff time will be needed to review the design drawings and identify any OWD facilities which will need relocation or vertical adjustment. A construction budget is also needed for the work in relocating and adjusting these facilities.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$600	\$100	\$100	\$40	\$0	\$0	\$940

CIP Number: P2539

**PROJECT SCHEDULE:**

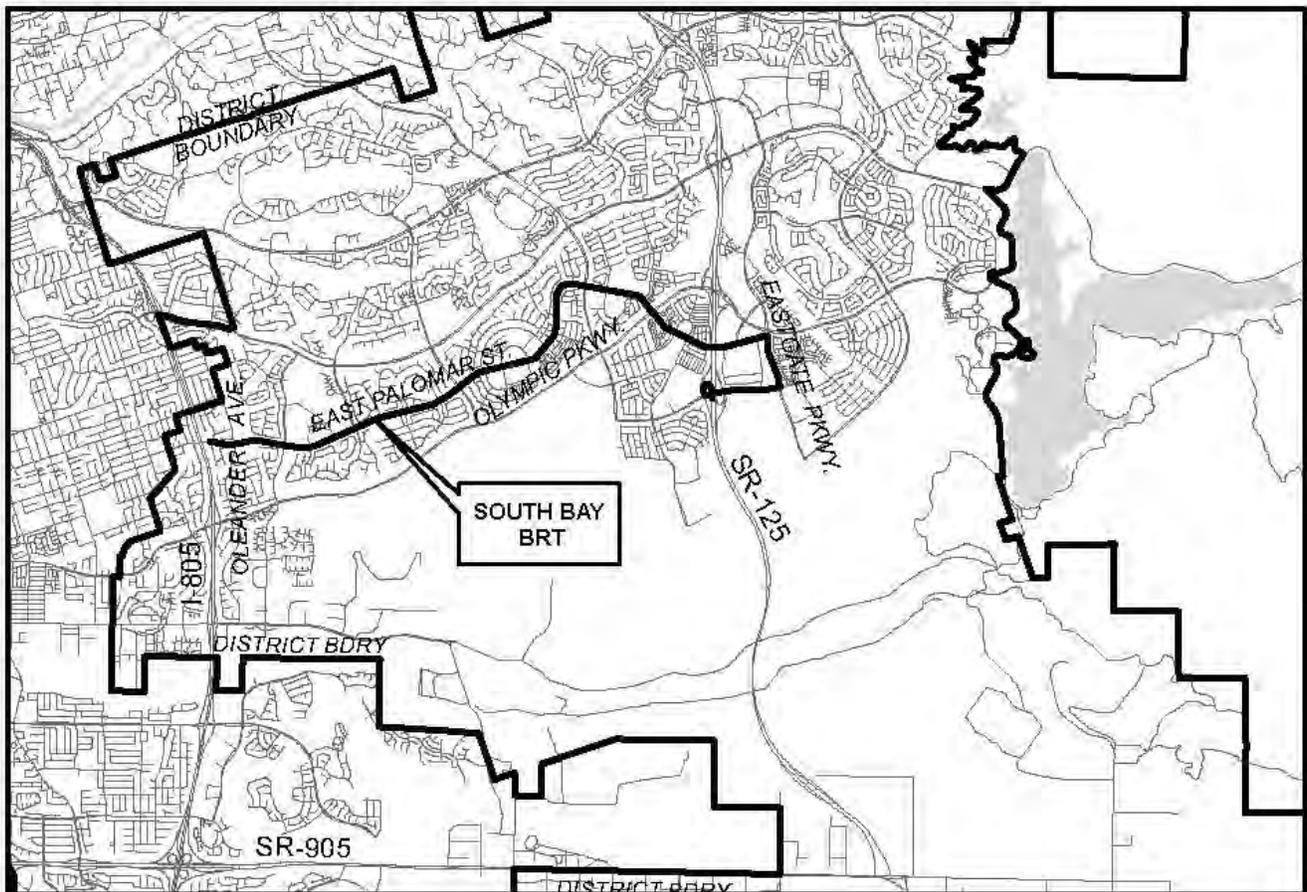
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2013	6/30/2014	\$15
DESIGN:	7/1/2014	6/30/2015	\$90
CONSTRUCTION:	7/1/2015	6/30/2019	\$835

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book:** 80-82, 97-99, 113 &



**Submitted By:** Rita Bell

**Date:** 4/29/2015

**PROJECT TITLE:** 850-3 Reservoir Interior Coating

**CIP Number:** P2542

**PROJECT MANAGER:** Kevin Cameron

**DIRECTOR DIVISION:** 5

**ORIGINAL APPROVED DATE:**

**I.D. LOCATION:** 22

**RELATED CIP PROJECTS:**

**PRIORITY:** 2

**BUDGET AMOUNT:** \$530,000

**DESCRIPTION OF PROJECT:**

This project provides funding for the interior coating of the 850-3 Reservoir.

**JUSTIFICATION OF PROJECT:**

The interior coating is in poor condition and in need of replacement.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$250	\$230	\$15	\$35	\$0	\$0	\$530

CIP Number: P2542

**PROJECT SCHEDULE:**

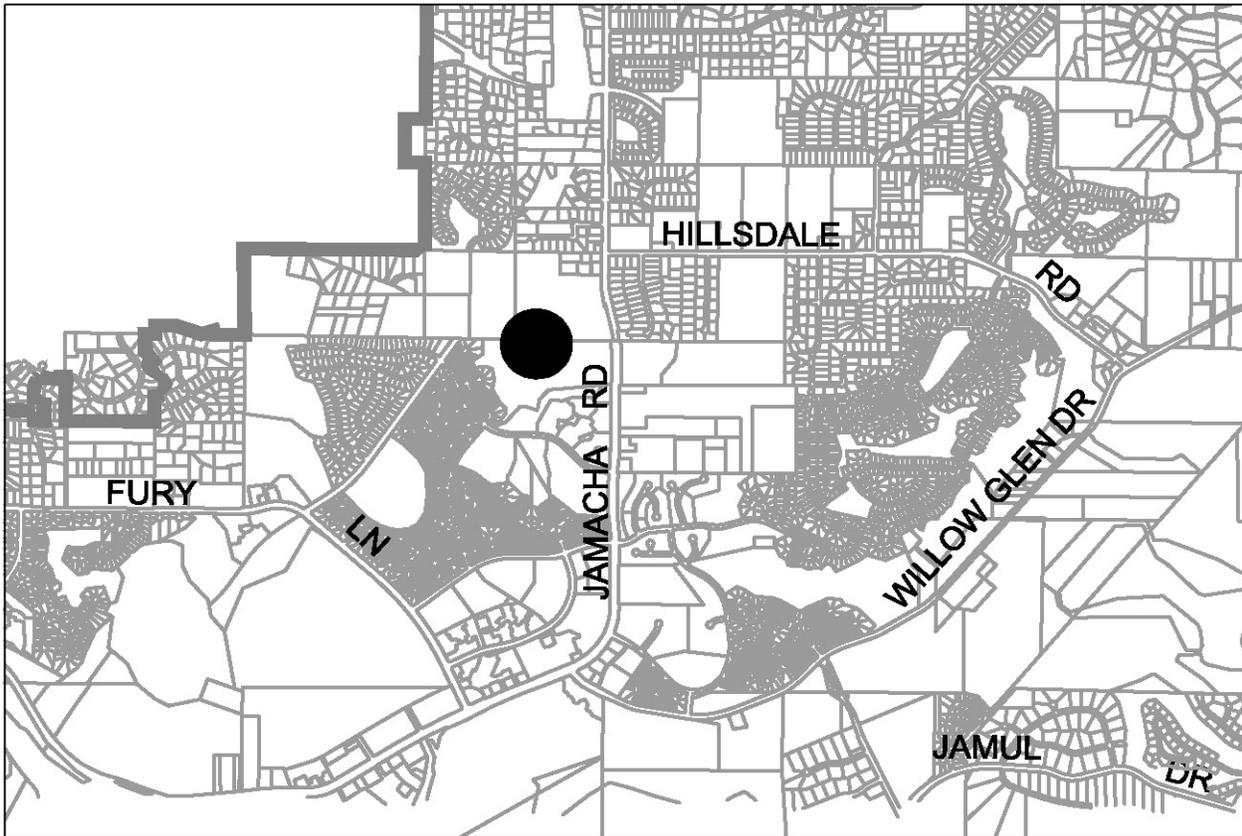
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	5/5/2015	7/31/2015	\$10
DESIGN:	8/1/2015	10/31/2015	\$60
CONSTRUCTION:	11/3/2015	6/30/2018	\$460

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 355**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**PROJECT TITLE:** 850-1 Reservoir Interior/Exterior Coating

**CIP Number:** P2543

**DIRECTOR DIVISION:** 3

**PROJECT MANAGER:** Kevin Cameron

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:**

**PRIORITY:** 2

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$575,000

**DESCRIPTION OF PROJECT:**

This project provides funding for the interior and exterior coating of the 850-1 Reservoir. In addition, an assessment of the facility will be accomplished to assure compliance to all applicable codes and OSHA standards.

**JUSTIFICATION OF PROJECT:**

Based upon the current Cathodic Assessment Report, the interior and exterior coatings on the 850-1 Reservoir are nearing the end of their useful life and are in need of replacement.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>							
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>	
	\$0	\$0	\$10	\$515	\$10	\$40	\$0	\$575

CIP Number: P2543

**PROJECT SCHEDULE:**

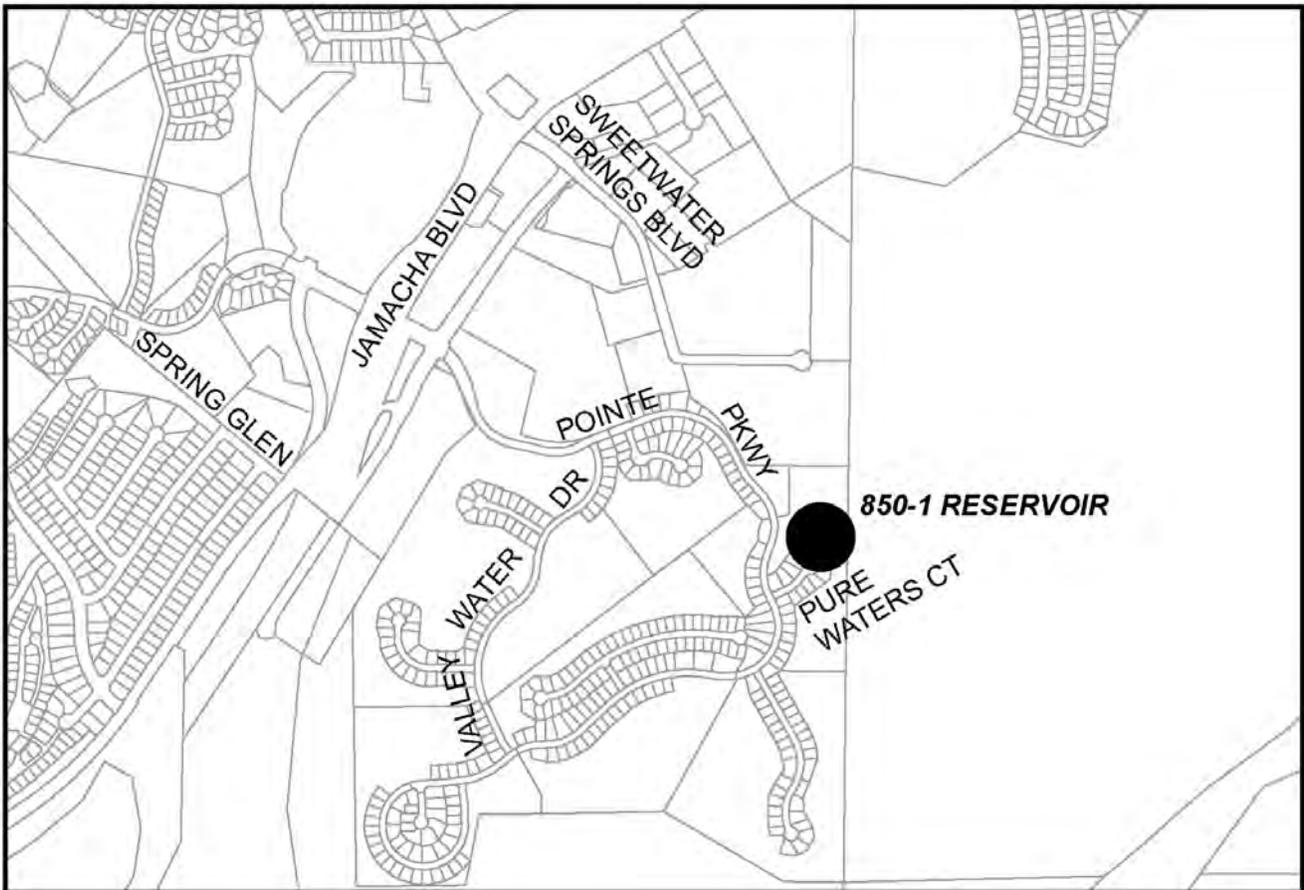
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	6/1/2018	6/29/2018	\$10
DESIGN:	7/2/2018	11/7/2018	\$40
CONSTRUCTION:	11/8/2018	6/1/2022	\$525

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 304**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**PROJECT TITLE:** 850-2 Reservoir Interior/Exterior Reservoir Coating

**CIP Number:** P2544

**DIRECTOR DIVISION:** 3

**PROJECT MANAGER:** Kevin Cameron

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:**

**PRIORITY:** 2

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$940,000

**DESCRIPTION OF PROJECT:**

This project provides funding for the interior and exterior coating of the 850-2 Reservoir. In addition, an assessment of the facility will be accomplished to assure compliance to all applicable codes and OSHA standards.

**JUSTIFICATION OF PROJECT:**

Based upon the current Cathodic Assessment Report, the interior and exterior coatings on the 850-2 Reservoir are nearing the end of their useful life and are in need of replacement.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$0	\$5	\$880	\$10	\$40	\$0	\$940

**CIP Number: P2544**

**PROJECT SCHEDULE:**

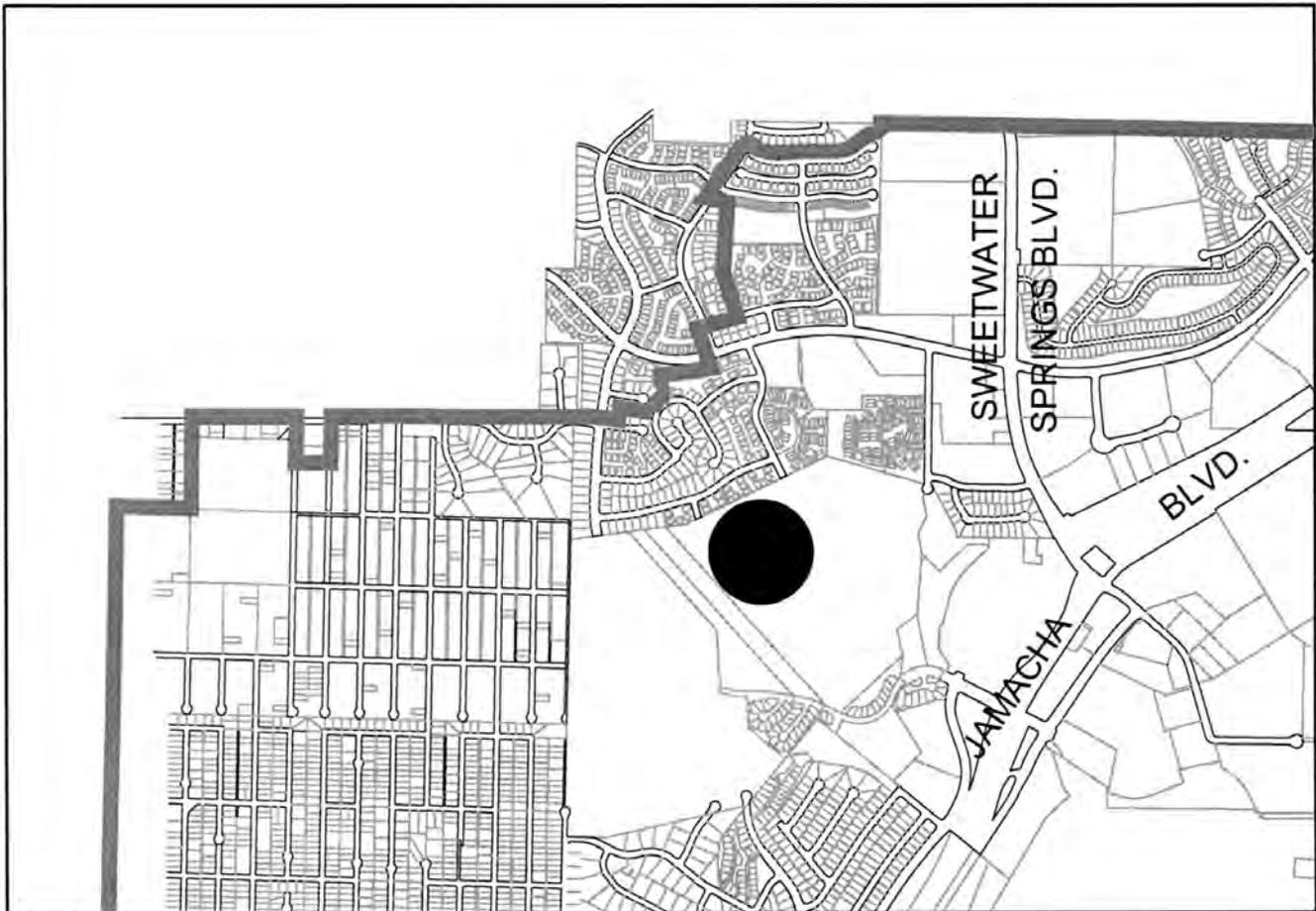
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE</b>	<b>ESTIMATED FINISHED DATE</b>	<b>ESTIMATED COST (X \$1,000):</b>
<b>PLANNING:</b>	6/1/2018	6/29/2018	\$10
<b>DESIGN:</b>	7/2/2018	11/7/2018	\$65
<b>CONSTRUCTION:</b>	11/8/2018	6/1/2020	\$865

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
<b>MAINT:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>ENERGY:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CHEMICAL:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 317**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**PROJECT TITLE:** 980-1 Reservoir Interior Exterior Coating

**CIP Number:** P2545

**DIRECTOR DIVISION:** 5

**PROJECT MANAGER:** Kevin Cameron

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:**

**PRIORITY:** 2

**RELATED CIP PROJECTS:** P2546

**BUDGET AMOUNT:** \$1,495,000

**DESCRIPTION OF PROJECT:**

This project provides funding for the interior and exterior coating of the 980-1 Reservoir. In addition, an assessment of the facility will be accomplished to assure compliance to all applicable codes and OSHA standards.

**JUSTIFICATION OF PROJECT:**

Based upon the 2013 Cathodic Assessment Report, the 980-1 Reservoir interior and exterior coatings are nearing the end of their useful life and are in need of replacement.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>							
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>	
	\$0	\$950	\$445	\$50	\$50	\$0	\$0	\$1,495

CIP Number: P2545

**PROJECT SCHEDULE:**

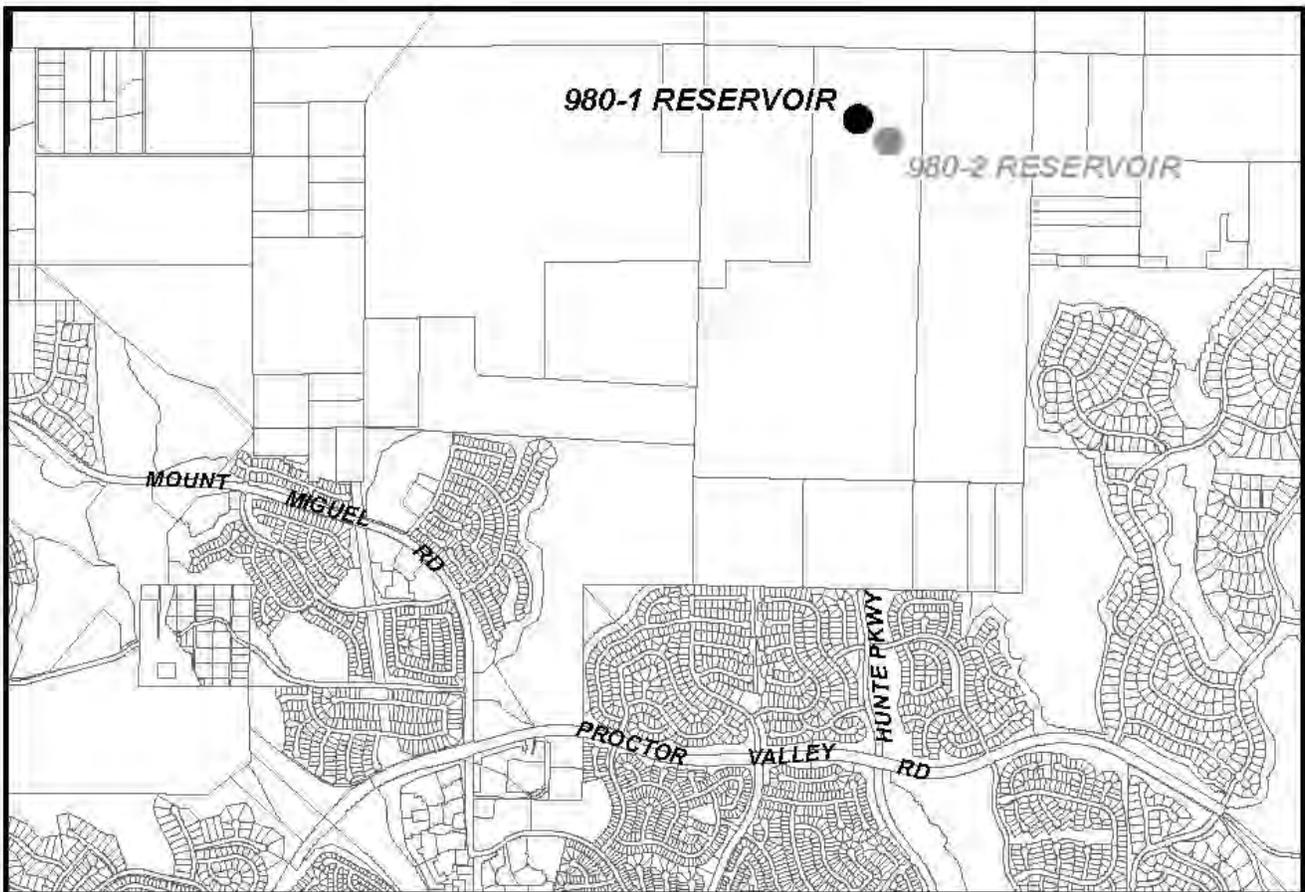
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	1/1/2015	6/30/2015	\$10
DESIGN:	7/1/2015	9/15/2015	\$85
CONSTRUCTION:	2/15/2016	6/30/2018	\$1,400

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 172**



**Submitted By:** Jolene Fielding

**Date:** 5/5/2015

**PROJECT TITLE:** 980-2 Reservoir Interior/Exterior Coating

**CIP Number:** P2546

**DIRECTOR DIVISION:** 5

**PROJECT MANAGER:** Kevin Cameron

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:**

**PRIORITY:** 2

**RELATED CIP PROJECTS:** P2545

**BUDGET AMOUNT:** \$1,450,000

**DESCRIPTION OF PROJECT:**

This project provides funding for the interior and exterior coating of the 980-2 Reservoir. In addition, an assessment of the facility will be accomplished to assure compliance to all applicable codes and OSHA standards.

**JUSTIFICATION OF PROJECT:**

Based upon the current Cathodic Assessment Report, the interior and exterior coatings on the 980-2 Reservoir are nearing the end of their useful life and are in need of replacement.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$0	\$0	\$10	\$1,390	\$10	\$40	\$1,450

CIP Number: P2546

**PROJECT SCHEDULE:**

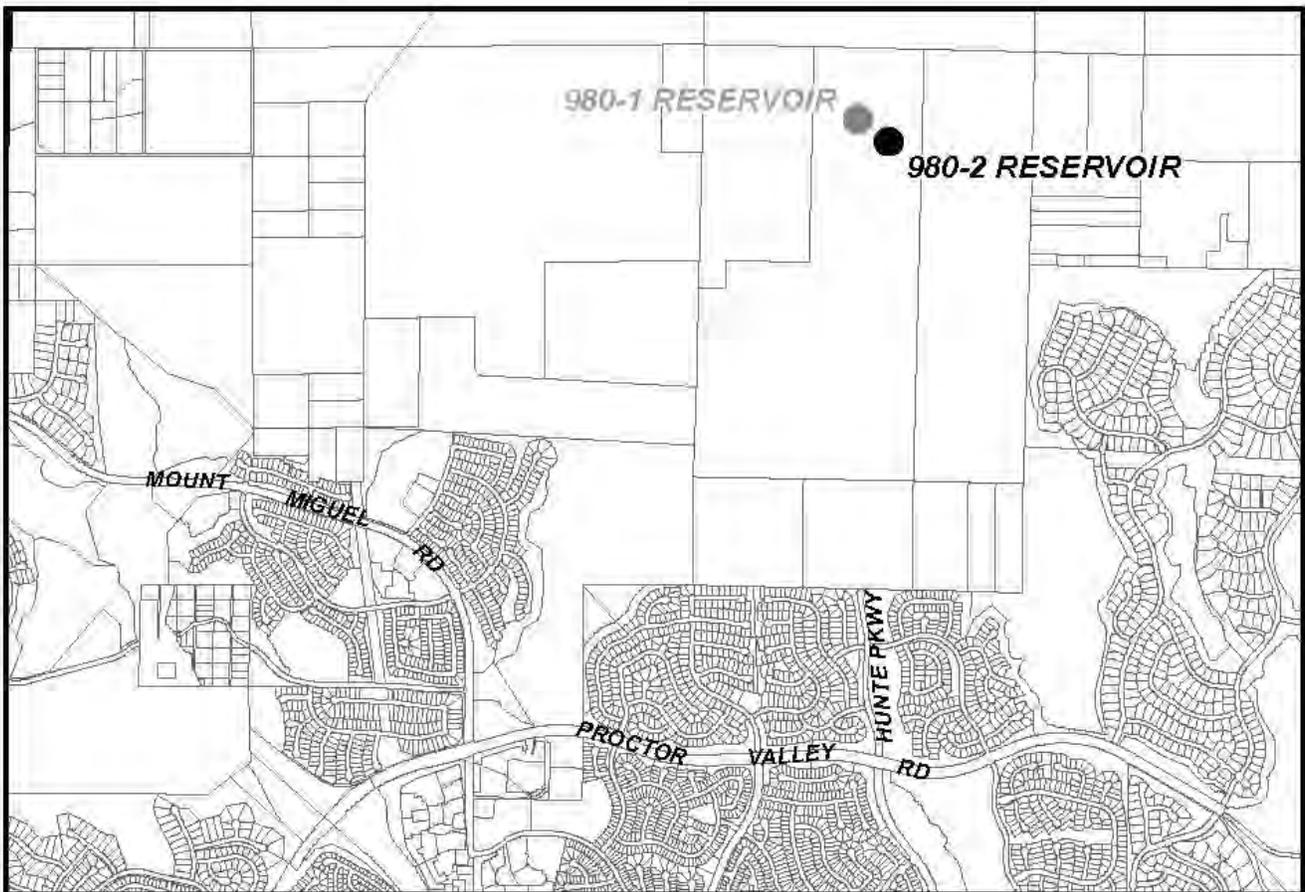
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	3/4/2019	6/3/2019	\$10
DESIGN:	6/4/2019	8/15/2019	\$40
CONSTRUCTION:	8/16/2019	7/15/2021	\$1,400

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 172**



**Submitted By:** Kevin Cameron

**Date:** 2/17/2015

<b>PROJECT TITLE:</b> Fuel Island Upgrade	<b>CIP Number:</b> P2550
<b>PROJECT MANAGER:</b> Kent Payne	<b>DIRECTOR DIVISION:</b> 3
<b>ORIGINAL APPROVED DATE:</b>	<b>I.D. LOCATION:</b> 22
<b>RELATED CIP PROJECTS:</b> P2549	<b>PRIORITY:</b> 1
	<b>BUDGET AMOUNT:</b> \$75,000

**DESCRIPTION OF PROJECT:**  
This project is to upgrade the District's fuel system, both in the vehicles as well as the fuel island dispensers, sumps, and island.

**JUSTIFICATION OF PROJECT:**  
This work is needed to comply with County requirements for the operation of the fuel island. This project will allow any employee to fill a District vehicle with no training. Authorizations and transactions will be done wireless so electrical lines run through the fuel hoses or ground loops will be used and it will also allow Management tighter control on the dispensing of fuel by placing limits on types of fueling and have better reporting features.

**COMMENTS:**  
Work to improve the secondary containment and dispensing equipment in accordance with District/County Settlement agreement.

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$0	\$75	\$0	\$0	\$0	\$0	\$75

CIP Number: P2550

**PROJECT SCHEDULE:**

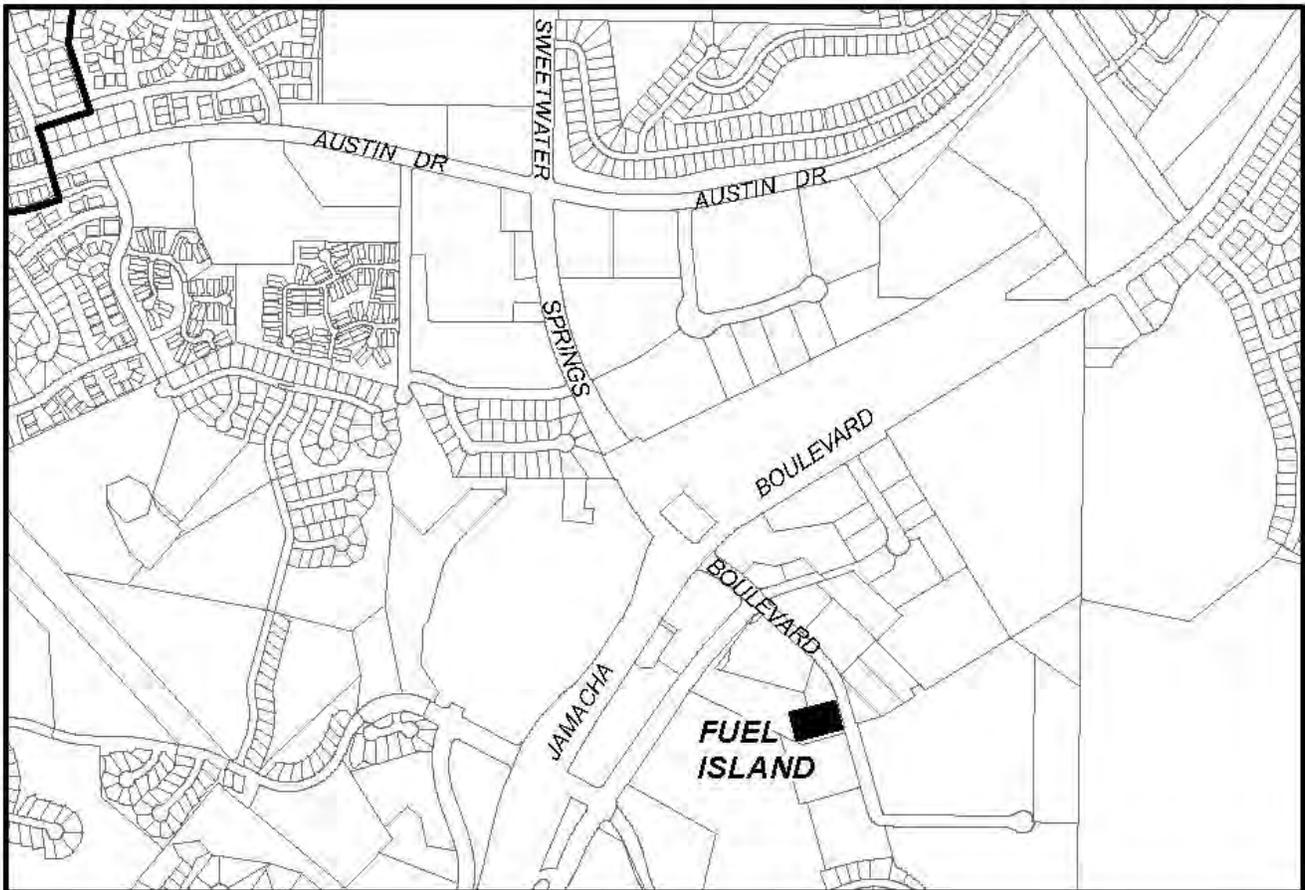
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	6/1/2015	7/31/2015	\$5
DESIGN:	8/1/2015	9/30/2015	\$10
CONSTRUCTION:	10/1/2015	12/31/2015	\$60

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 318**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**PROJECT TITLE:** Heritage Road Bridge Replacement and Utility Relocation

**CIP Number:** P2553

**DIRECTOR DIVISION:** 2

**PROJECT MANAGER:** Kevin Cameron

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:**

**PRIORITY:** 2

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$1,200,000

**DESCRIPTION OF PROJECT:**

The existing 16-Inch potable water pipeline to Sleep-Train Amphitheatre and Aquatica Seaworld's Waterpark was built under the Otay River.

The City of Chula Vista is planning to replace the Heritage Road Bridge (Project No. STM-364). The District has requested the City reserve room in the bridge for a 16-inch steel pipeline for potable use and an 8-inch pipeline for future recycled water use. In addition to the bridge crossing, approximately 1,600 linear feet of 16-inch potable water pipeline is required. An existing 16-inch ACP pipeline in Otay River will be abandoned or converted to recycled water use.

**JUSTIFICATION OF PROJECT:**

A new bridge crossing of the Otay River at Heritage Road provides an opportunity for the District to relocate a pipeline out of the river into a more secure location and also provides an economical way to build a recycled water pipeline to these commercial customers.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Expansion	40 %	0 %	0 %	0 %	40 %
Replacement	0 %	0 %	60 %	0 %	60 %
<b>TOTAL:</b>	40 %	0 %	60 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>							
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>	
	\$0	\$10	\$100	\$290	\$645	\$155	\$0	\$1,200

CIP Number: P2553

PROJECT SCHEDULE:

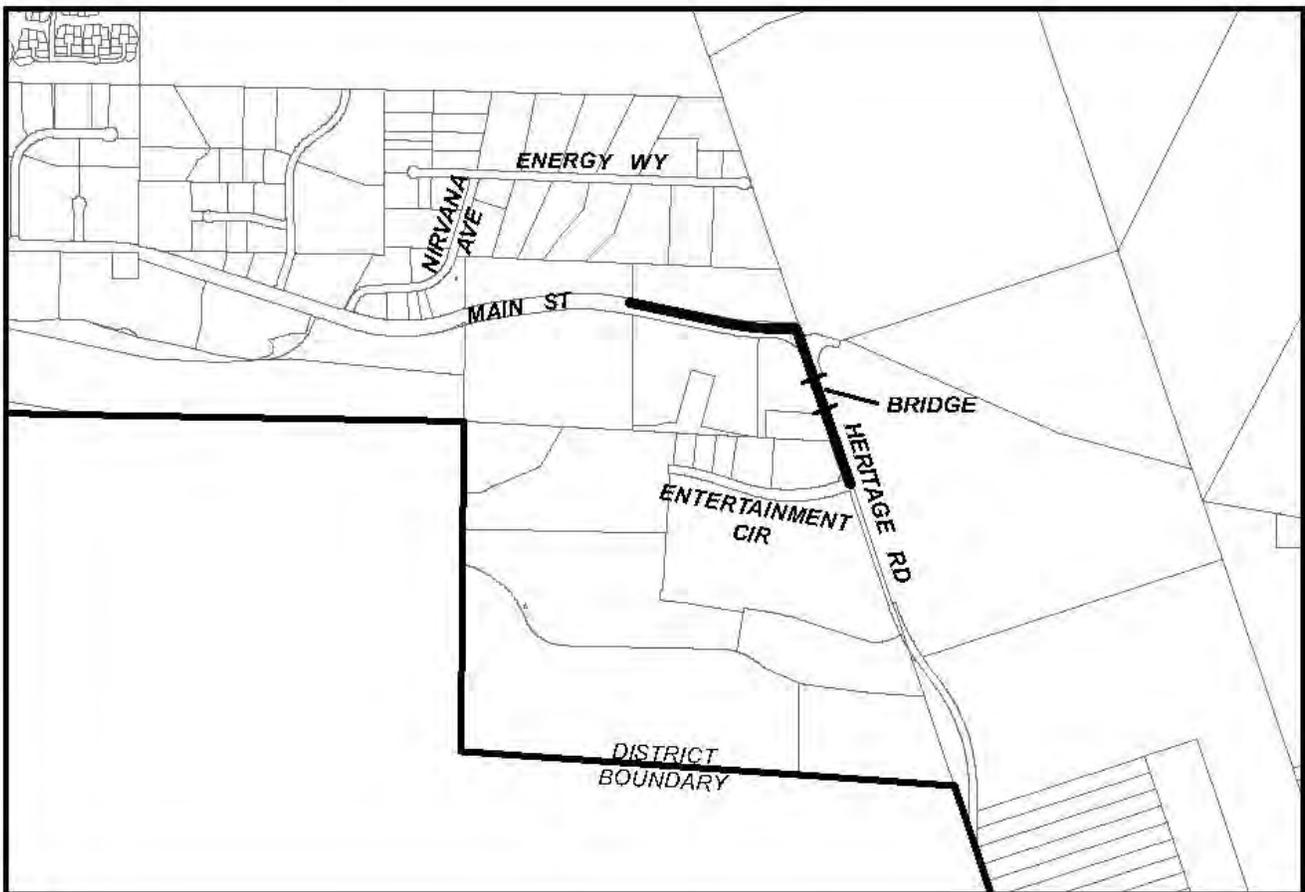
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2014	6/30/2015	\$50
DESIGN:	7/1/2015	6/30/2016	\$150
CONSTRUCTION:	7/1/2016	6/30/2020	\$1,000

PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

PROJECT LOCATION:

OWD Map Book: 50 & 51



Submitted By: Jolene Fielding

Date: 5/7/2015

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

<b>PROJECT TITLE:</b> 520 Res Recirculation Pipeline Chemical Supply and Analyzer Feed Replacement Project	<b>CIP Number:</b> P2557
<b>PROJECT MANAGER:</b> Stephen Beppler	<b>DIRECTOR DIVISION:</b> 5
<b>ORIGINAL APPROVED DATE:</b>	<b>I.D. LOCATION:</b> 22
<b>RELATED CIP PROJECTS:</b>	<b>PRIORITY:</b> 1
	<b>BUDGET AMOUNT:</b> \$100,000

**DESCRIPTION OF PROJECT:**

The existing chemical feed lines are cast/black iron and need to be replaced with new dual wall CPVC chemical feed lines. Other miscellaneous improvements needed. Length approximately 150 feet.

**JUSTIFICATION OF PROJECT:**

The existing chemical feed lines for the 520 Reservoir are experiencing deterioration and not designed to current code for providing chemical containment.

**COMMENTS:**

**FUND DETAILS:**

FUNDING SOURCE:	Expansion	Betterment	Replacement	New Water Supply	Total
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

PRIOR YEARS:	FY						
TOTAL	2016	2017	2018	2019	2020	2021	Total
	\$0	\$1	\$29	\$65	\$5	\$0	\$100

CIP Number: P2557

**PROJECT SCHEDULE:**

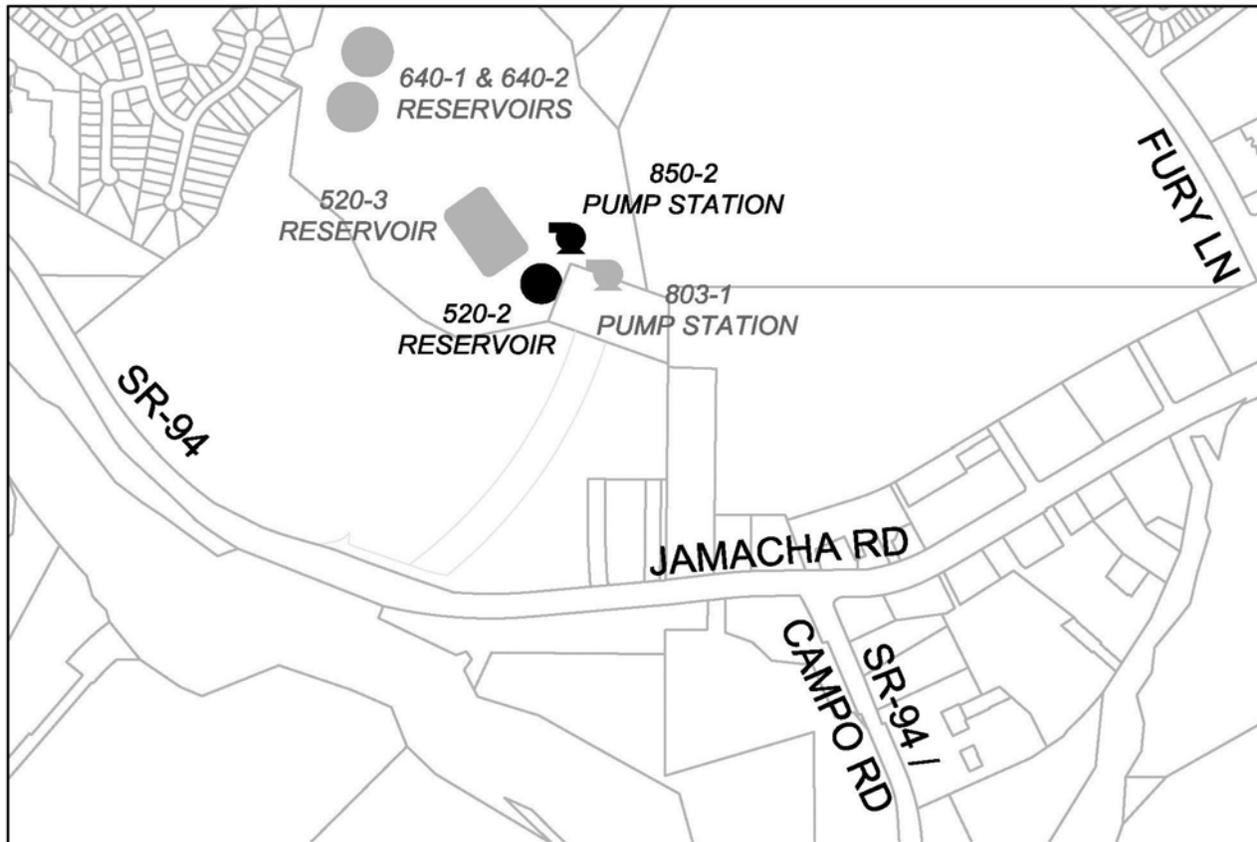
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2015	6/30/2016	\$5
DESIGN:	7/1/2016	6/30/2017	\$25
CONSTRUCTION:	7/1/2017	6/30/2019	\$70

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 343**



**Submitted By:** Jolene Fielding

**Date:** 5/11/2015

**PROJECT TITLE:** Additional pump station fuel storage

**CIP Number:** P2558

**DIRECTOR DIVISION:** 255

**PROJECT MANAGER:** Doug Rahders

**I.D. LOCATION:** 22

**ORIGINAL APPROVED DATE:**

**PRIORITY:** 1

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$25,000

**DESCRIPTION OF PROJECT:**

Purchase and install two additional bulk diesel fuel storage tanks for the 1004-2 pump station and 1100-1 hydro station.

**JUSTIFICATION OF PROJECT:**

Based on an emergency diesel fuel storage study, during an extended emergency power outage current fuel storage at both the 1004-2 p/s and 1100-1 h/s offers less than a day's worth of fuel usage. District staff will add in one above ground diesel fuel storage tank at each site to provide double the run time of the emergency standby gensets during a power outage.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Betterment ID 22	0 %	100 %	0 %	0 %	100 %
<b>TOTAL:</b>	0 %	100 %	0 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$0	\$25	\$0	\$0	\$0	\$0	\$25

CIP Number: P2558

PROJECT SCHEDULE:

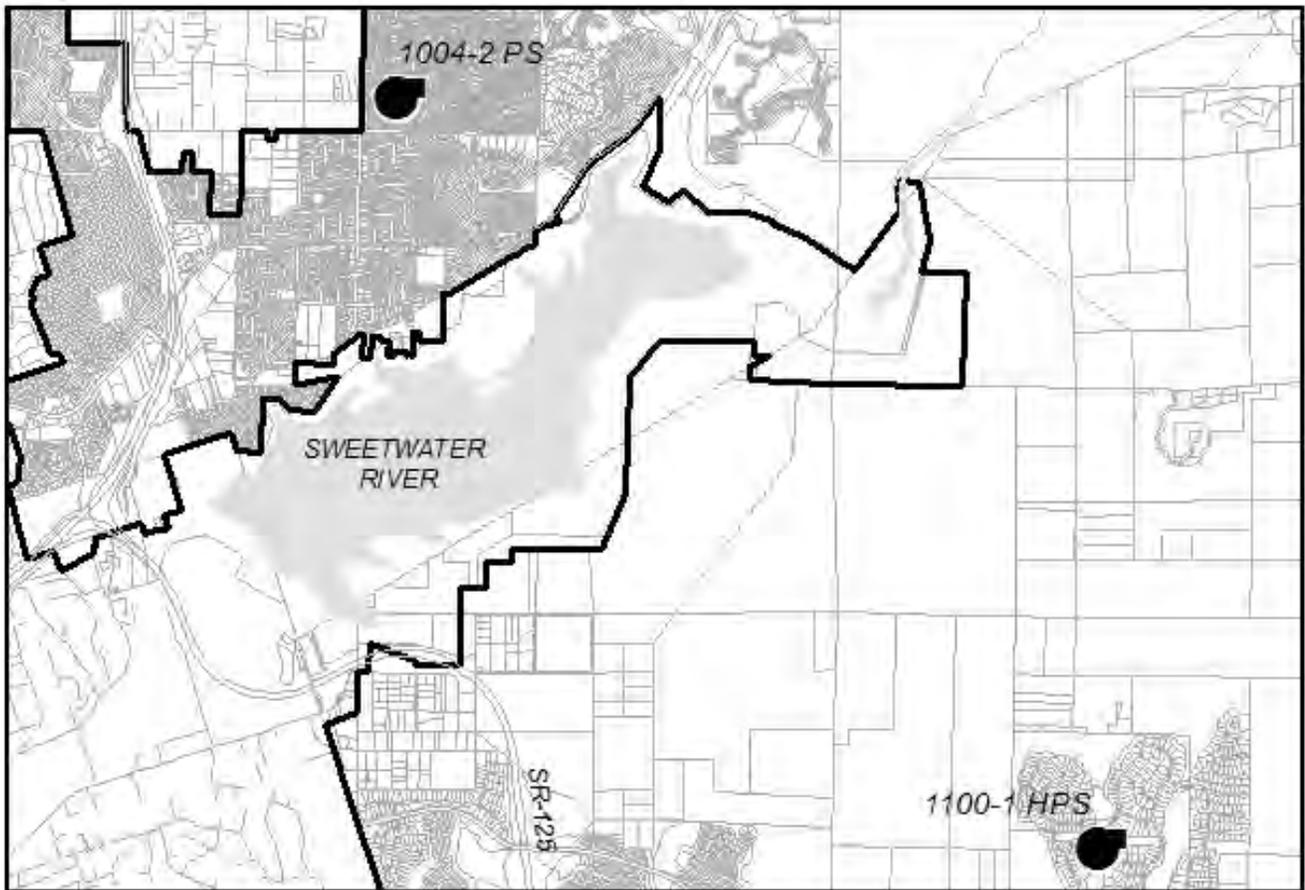
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:			\$0
DESIGN:			\$0
CONSTRUCTION:	7/1/2015	6/30/2016	\$25

PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

PROJECT LOCATION:

OWD Map Book: 302 & 160



Submitted By: Jolene Fielding

Date: 5/7/2015

**PROJECT TITLE:** Pressure Vessel Repair and Replacement Program

**CIP Number:** P2559

**DIRECTOR DIVISION:** 0

**PROJECT MANAGER:** Jeff Marchioro

**I.D. LOCATION:** District Wide

**ORIGINAL APPROVED DATE:**

**PRIORITY:** 2

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$300,000

**DESCRIPTION OF PROJECT:**

An assessment of thirteen existing steel pressure vessels, including five hydropneumatic and eight surge tanks of various ages, is needed to determine the remaining useful life of each facility. Pressure vessel interiors and exteriors and appurtenances will be repaired, coated, and/or replaced entirely.

**JUSTIFICATION OF PROJECT:**

Pressure vessels are a key component of thirteen existing District pump stations. Routine inspection by qualified professionals, and follow up repair and/or replacement, is needed to preserve the life expectancy of each pressure vessel and associated pump station facilities.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$0	\$50	\$250	\$0	\$0	\$0	\$300

**CIP Number: P2559**

**PROJECT SCHEDULE:**

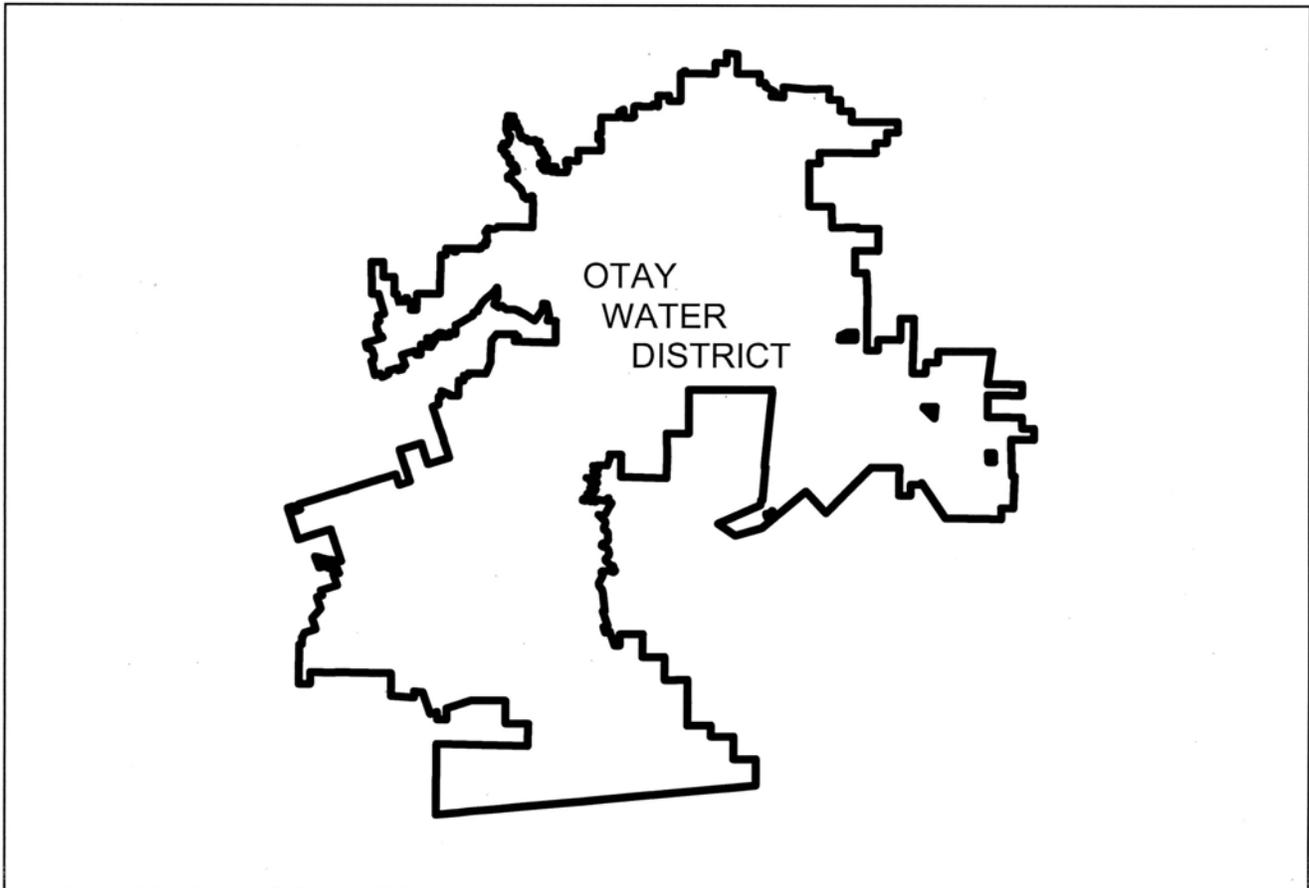
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE</b>	<b>ESTIMATED FINISHED DATE</b>	<b>ESTIMATED COST (X \$1,000):</b>
<b>PLANNING:</b>	7/1/2015	12/31/2016	\$10
<b>DESIGN:</b>	1/1/2016	12/31/2016	\$50
<b>CONSTRUCTION:</b>	3/1/2016	6/30/2017	\$240

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
<b>MAINT:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>ENERGY:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CHEMICAL:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book:**



**Submitted By:** Jolene Fielding

**Date:** 5/6/2015

<b>PROJECT TITLE:</b> Administration Carpet Replacement Program		<b>CIP Number:</b> P2564					
<b>PROJECT MANAGER:</b> Kent Payne		<b>DIRECTOR DIVISION:</b> 3		<b>I.D. LOCATION:</b> 22		<b>PRIORITY:</b> 2	
<b>ORIGINAL APPROVED DATE:</b>		<b>BUDGET AMOUNT:</b> \$215,000					
<b>DESCRIPTION OF PROJECT:</b>							
<p>Covers material and labor costs for a phased replacement of the existing carpet in the following areas and in order of need: Customer Service; Finance; GM Suite; Admin Services; Engineering; and Training Room. Materials specified include commercial grade carpet tile and broadloom. Installation has little to no impact on daily operations with cubicle lift-in-place technologies and night/weekend work.</p>							
<b>JUSTIFICATION OF PROJECT:</b>							
<p>The existing carpet was installed in 1997 during the Headquarters expansion and remodel. Normal carpet lifespan is 10-12 years; at 18 years, Admin carpet is 150-180% lifespan and shows its age including deep wear patterns with areas of backing separation, indelible stains and extreme fading as noted with recent cubicle removal and planned removal due to downsizing.</p>							
<b>COMMENTS:</b>							
<b>FUND DETAILS:</b>							
<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>		
Replacement	0 %	0 %	100 %	0 %	100 %		
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %		
<b>EXPENDITURE SCHEDULE (X \$1,000):</b>							
<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$0	\$65	\$75	\$75	\$0	\$0	\$215

CIP Number: P2564

**PROJECT SCHEDULE:**

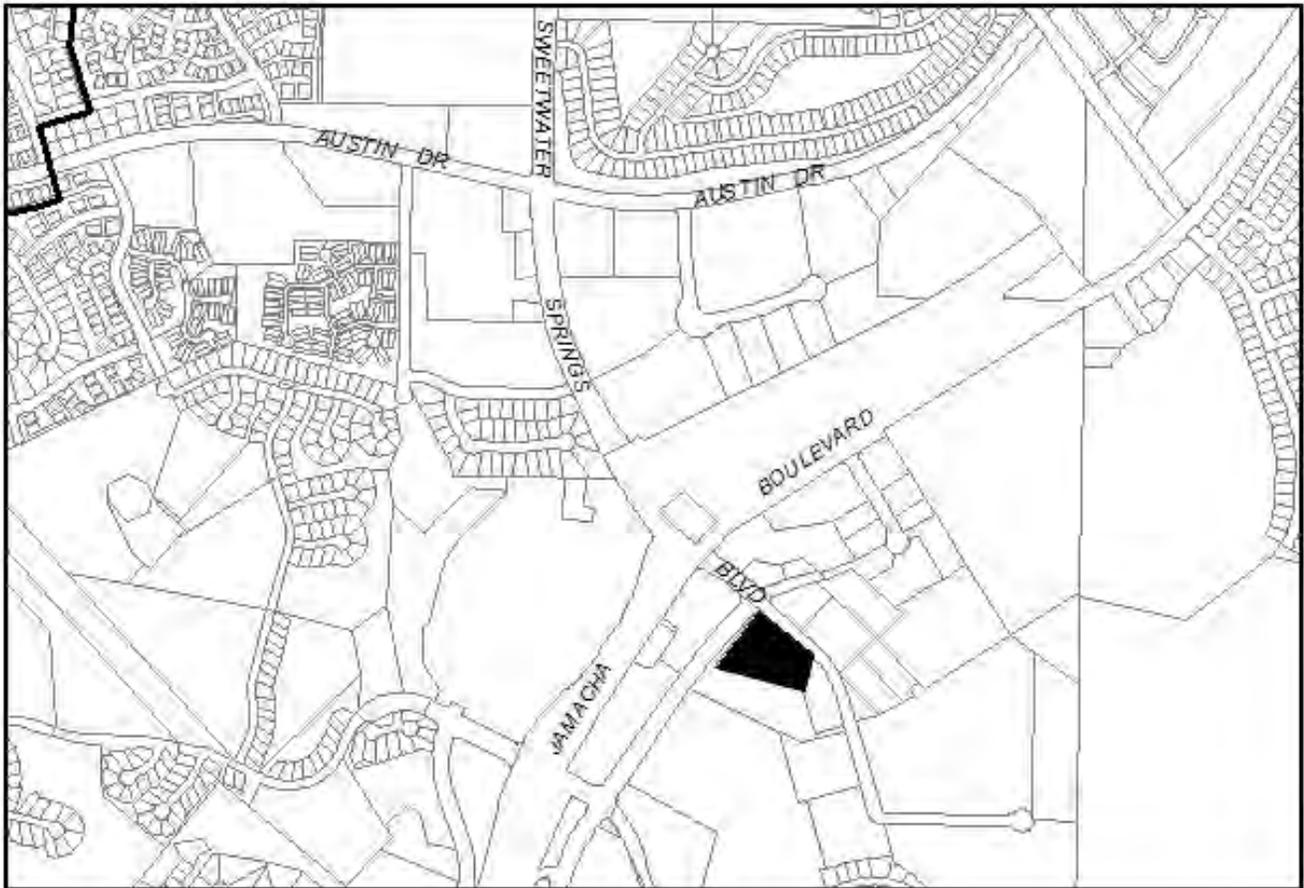
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:			\$0
DESIGN:			\$0
CONSTRUCTION:	7/1/2015	6/30/2018	\$215

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 318**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**PROJECT TITLE:** 803-2 Reservoir Interior/Exterior Coating & Upgrades

**CIP Number:** P2565

**PROJECT MANAGER:** Kevin Cameron

**DIRECTOR DIVISION:** 5

**ORIGINAL APPROVED DATE:**

**I.D. LOCATION:** 22

**RELATED CIP PROJECTS:**

**PRIORITY:** 2

**BUDGET AMOUNT:** \$725,000

**DESCRIPTION OF PROJECT:**

This project provides funding for the interior and exterior coating of the 803-2 Reservoir. In addition, an assessment of the facility will be accomplished to assure compliance to all applicable codes and OSHA standards.

**JUSTIFICATION OF PROJECT:**

Based upon the 2013 Cathodic Assessment Report, the 803-2 Reservoir interior and exterior coatings are near the end of their useful life and in need of replacement.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$0	\$0	\$0	\$5	\$675	\$45	\$725

CIP Number: P2565

**PROJECT SCHEDULE:**

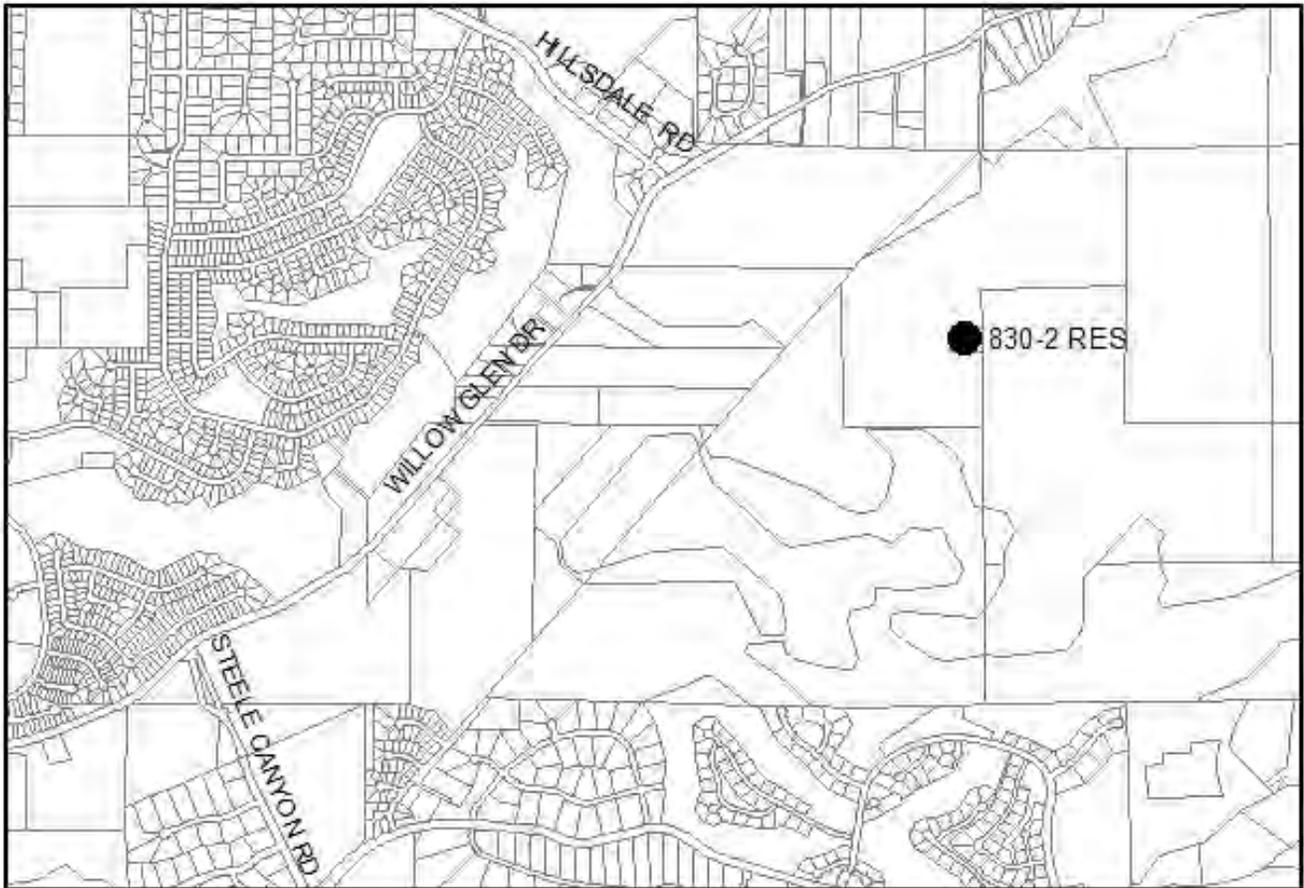
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	1/1/2019	6/30/2019	\$5
DESIGN:	7/1/2019	10/1/2019	\$70
CONSTRUCTION:	10/2/2019	6/30/2020	\$650

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book:** 357



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

<b>PROJECT TITLE:</b> 520-2 Reservoir Interior/Exterior Coating & Upgrades	<b>CIP Number:</b> P2566
<b>PROJECT MANAGER:</b> Kevin Cameron	<b>DIRECTOR DIVISION:</b> 5
<b>ORIGINAL APPROVED DATE:</b>	<b>I.D. LOCATION:</b> 22
<b>RELATED CIP PROJECTS:</b>	<b>PRIORITY:</b> 3
	<b>BUDGET AMOUNT:</b> \$1,790,000

**DESCRIPTION OF PROJECT:**

This project provides funding for the interior and exterior coating of the 520-2 Reservoir. In addition, an assessment of the facility will be accomplished to assure compliance to all applicable codes and OSHA standards.

**JUSTIFICATION OF PROJECT:**

Based upon the 2013 Cathodic Assessment Report, the 520-2 Reservoir interior and exterior coatings are at the end of their useful life and in need of replacement.

**COMMENTS:**

**FUND DETAILS:**

FUNDING SOURCE:	Expansion	Betterment	Replacement	New Water Supply	Total
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	FY
TOTAL	2016	2017	2018	2019	2020	2021	Total
	\$0	\$0	\$0	\$0	\$10	\$1,780	\$1,790

CIP Number: P2566

**PROJECT SCHEDULE:**

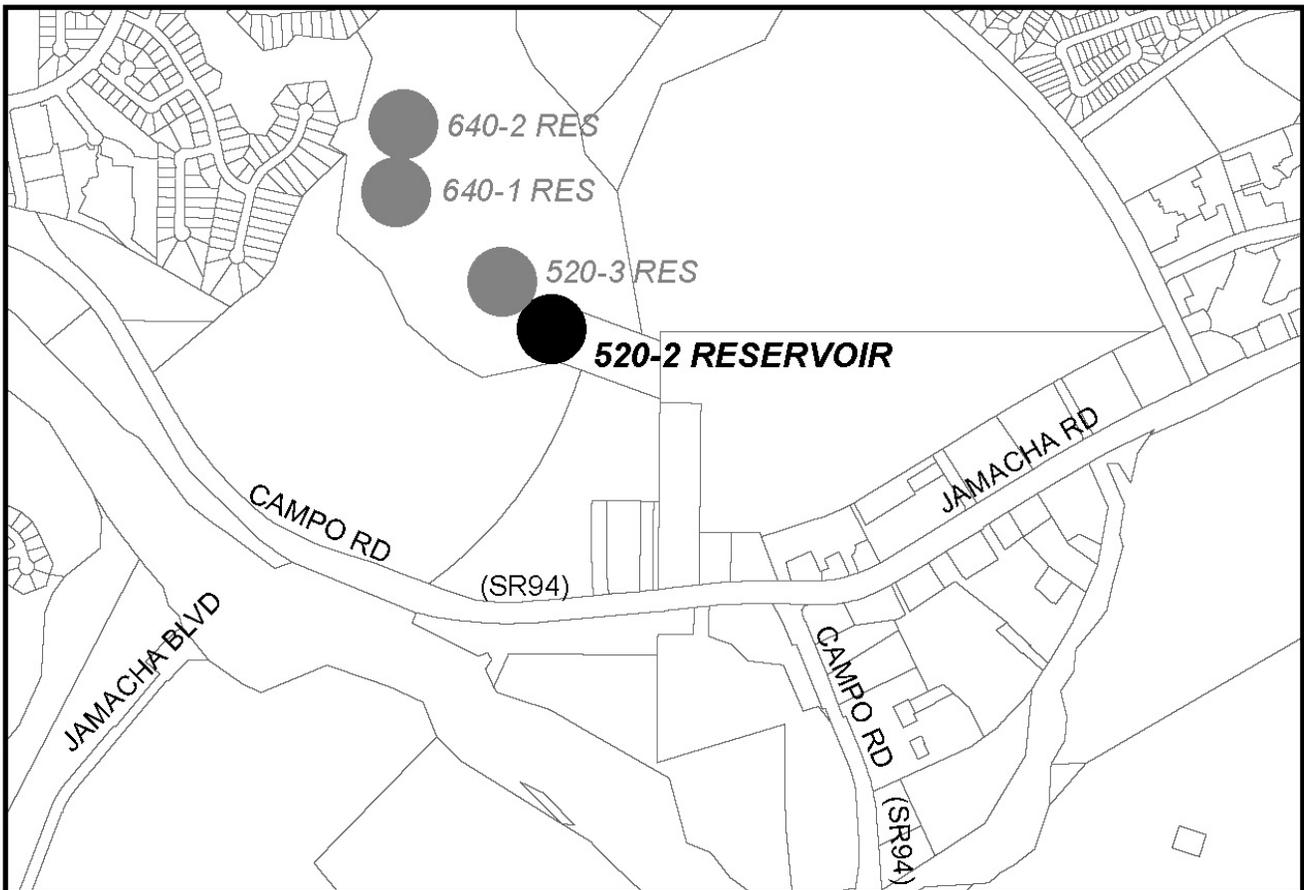
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	1/4/2021	6/30/2021	\$10
DESIGN:	7/1/2021	9/30/2021	\$90
CONSTRUCTION:	10/1/2021	6/30/2022	\$1,690

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 343**



**Submitted By:** Jolene Fielding

**Date:** 5/11/2015

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

<b>PROJECT TITLE:</b> 1004-2 Reservoir Interior/Exterior Coating & Upgrades	<b>CIP Number:</b> P2567
<b>PROJECT MANAGER:</b> Kevin Cameron	<b>DIRECTOR DIVISION:</b> 3
<b>ORIGINAL APPROVED DATE:</b>	<b>I.D. LOCATION:</b> 22
<b>RELATED CIP PROJECTS:</b>	<b>PRIORITY:</b> 3
	<b>BUDGET AMOUNT:</b> \$565,000

**DESCRIPTION OF PROJECT:**

This project provides funding for the interior and exterior coating of the 1004-2 Reservoir. In addition, an assessment of the facility will be accomplished to assure compliance to all applicable codes and OSHA standards.

**JUSTIFICATION OF PROJECT:**

Based upon the 2013 Cathodic Assessment Report, the 1004-2 Reservoir interior and exterior coatings are at the end of their useful life and in need of replacement.

**COMMENTS:**

**FUND DETAILS:**

FUNDING SOURCE:	Expansion	Betterment	Replacement	New Water Supply	Total
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	FY
TOTAL	2016	2017	2018	2019	2020	2021	Total
	\$0	\$0	\$0	\$0	\$10	\$555	\$565

CIP Number: P2567

PROJECT SCHEDULE:

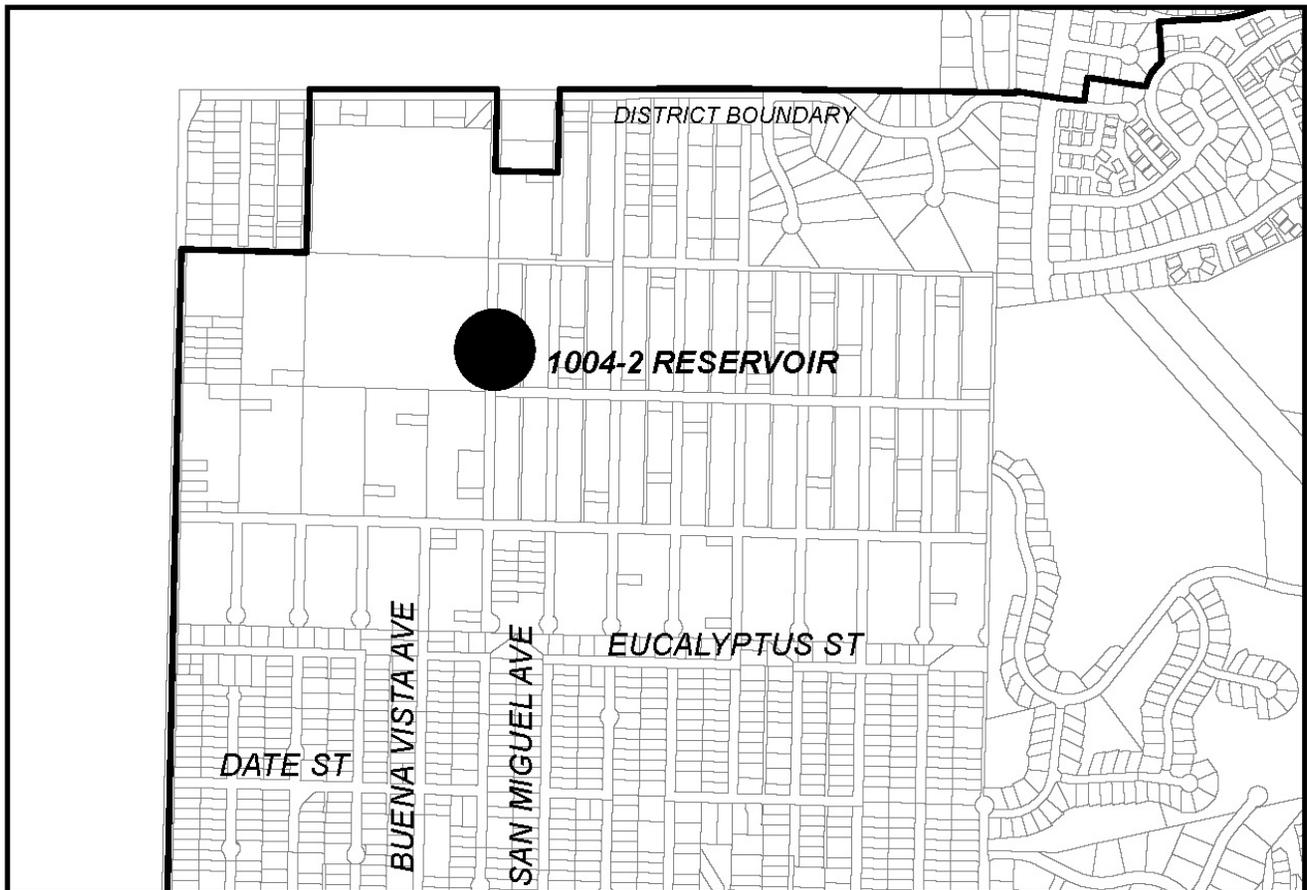
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	1/4/2021	6/30/2021	\$10
DESIGN:	7/1/2021	9/30/2021	\$65
CONSTRUCTION:	10/1/2021	6/30/2022	\$490

PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

PROJECT LOCATION:

OWD Map Book: 316



Submitted By: Jolene Fielding

Date: 5/11/2015

<b>PROJECT TITLE:</b>	Sweetwater River Wooden Trestle Improvement for the Recycled Water Forcemain	<b>CIP Number:</b> R2109					
		<b>DIRECTOR DIVISION:</b> 3					
<b>PROJECT MANAGER:</b>	Stephen Beppler	<b>I.D. LOCATION:</b> 22/27					
<b>ORIGINAL APPROVED DATE:</b>	5/14/2014	<b>PRIORITY:</b> 2					
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b> \$600,000					
<b>DESCRIPTION OF PROJECT:</b>							
Modification of the wooden trestle to reduce the potential damage of a wildfire event to the structure.							
<b>JUSTIFICATION OF PROJECT:</b>							
The existing wooden trestle over the Sweetwater River supports a 14-inch steel force main for recycled water. The 200 foot long wooden trestle was built in 1980 and a recent assessment has recommended a brush management plan be prepared to extend into the adjacent San Diego National Wildlife Refuge. The report also recommends the installation of a heat shield, installation of a fire suppression system, or modification of the existing structure to reduce the threat of wildfire to the structure.							
<b>COMMENTS:</b>							
<b>FUND DETAILS:</b>							
<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>		
Replacement	0 %	0 %	100 %	0 %	100 %		
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %		
<b>EXPENDITURE SCHEDULE (X \$1,000):</b>							
<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$106	\$400	\$10	\$0	\$0	\$0	\$516

CIP Number: R2109

**PROJECT SCHEDULE:**

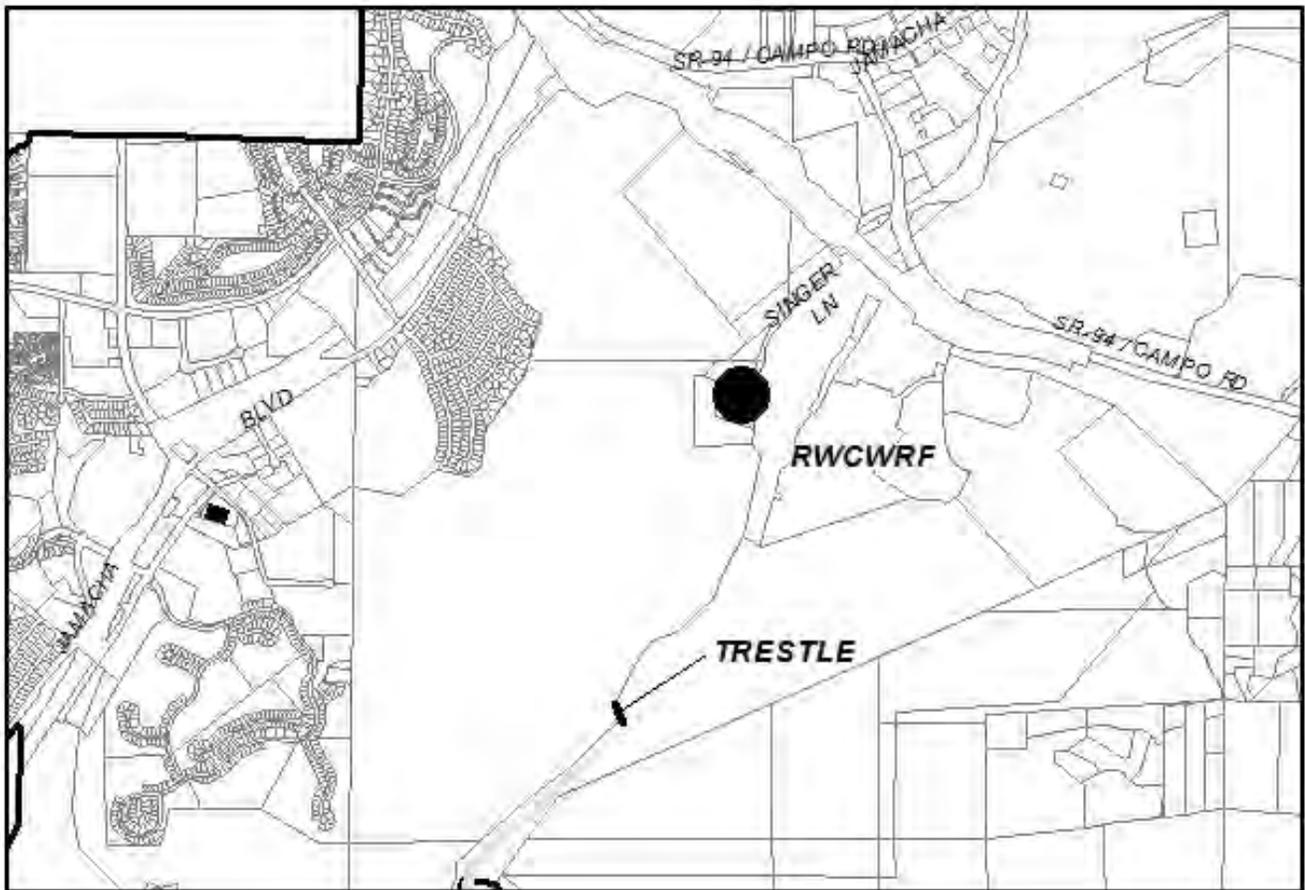
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2014	6/30/2015	\$100
DESIGN:	7/1/2015	6/30/2016	\$100
CONSTRUCTION:	7/1/2016	6/30/2017	\$400

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 319**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**PROJECT TITLE:** RWCWRF - RAS Pump Replacement

**CIP Number:** R2111

**PROJECT MANAGER:** Stephen Beppler

**DIRECTOR DIVISION:** 3

**ORIGINAL APPROVED DATE:** 5/14/2013

**I.D. LOCATION:** 22

**RELATED CIP PROJECTS:** R2096

**PRIORITY:** 1

**BUDGET AMOUNT:** \$600,000

**DESCRIPTION OF PROJECT:**

Replace and upgrade the RAS pumps to 360 GPM to improve process control of the plant.

**JUSTIFICATION OF PROJECT:**

These improvements are needed due to increased pumping requirements of the new process. The existing pumps were installed in 1992 and are reaching the end of their useful life.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$350	\$250	\$0	\$0	\$0	\$0	\$600

CIP Number: R2111

**PROJECT SCHEDULE:**

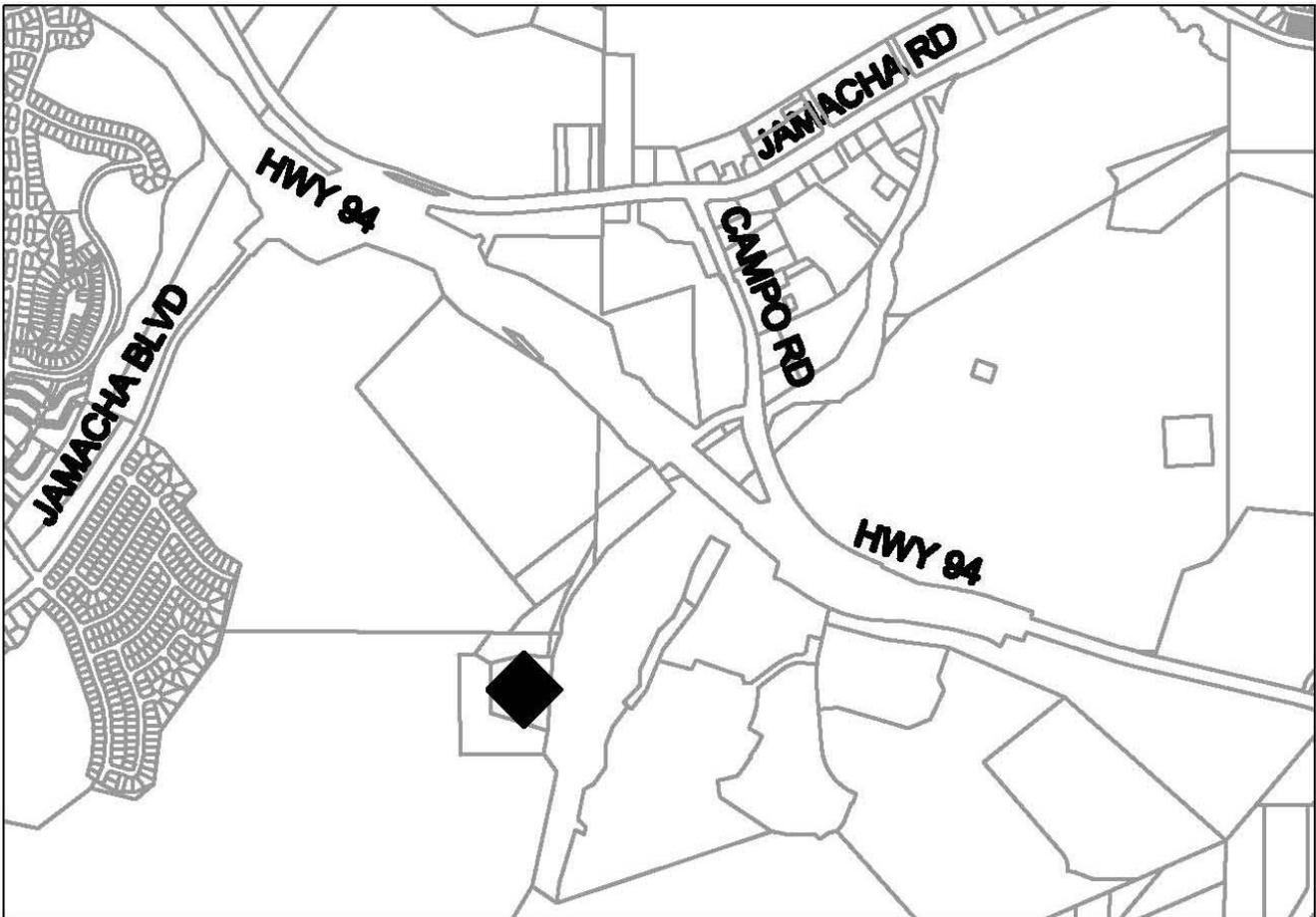
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2013	6/30/2014	\$10
DESIGN:	7/1/2014	6/30/2015	\$75
CONSTRUCTION:	7/1/2015	6/30/2016	\$515

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 319**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

<b>PROJECT TITLE:</b> 450-1 Disinfection Facility Rehabilitation	<b>CIP Number:</b> R2112
<b>PROJECT MANAGER:</b> Kevin Cameron	<b>DIRECTOR DIVISION:</b> 2
<b>ORIGINAL APPROVED DATE:</b>	<b>I.D. LOCATION:</b> 22
<b>RELATED CIP PROJECTS:</b>	<b>PRIORITY:</b> 1
	<b>BUDGET AMOUNT:</b> \$265,000

**DESCRIPTION OF PROJECT:**  
 Replace the two (2) existing sodium hypochlorite tanks, relocate and replace the valves and piping on the existing sodium hypochlorite feed system, remove existing acoustic louver and replace with roll-up door.

**JUSTIFICATION OF PROJECT:**  
 One of the existing sodium hypochlorite tanks has failed and is in need of replacement. The other is approaching the end of its useful life. The sodium hypochlorite feed system has faulty valves the are no longer available. The acoustic louver was installed for a diesel generator which is no longer needed. A roll-up door will ease future replacement of equipment.

**COMMENTS:**

**FUND DETAILS:**

FUNDING SOURCE:	Expansion	Betterment	Replacement	New Water Supply	Total
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	FY
TOTAL	2016	2017	2018	2019	2020	2021	Total
	\$200	\$40	\$25	\$0	\$0	\$0	\$265

CIP Number: R2112

**PROJECT SCHEDULE:**

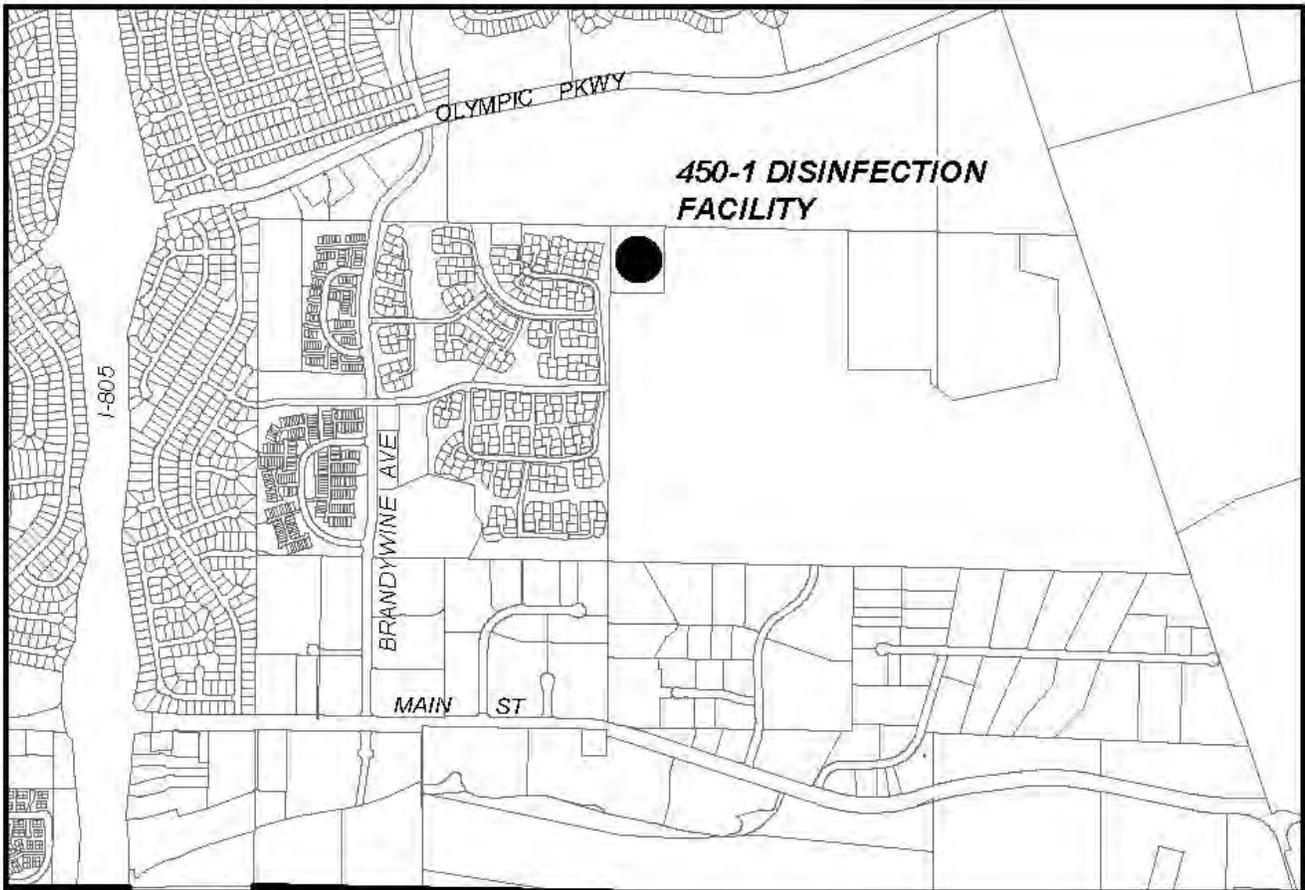
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2014	6/30/2014	\$5
DESIGN:	7/1/2014	6/30/2015	\$50
CONSTRUCTION:	7/1/2016	6/30/2017	\$200

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 66**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

<b>PROJECT TITLE:</b> RecPL - 14-Inch, 927 Zone, Forcemain Assessment and Repair	<b>CIP Number:</b> R2116
<b>PROJECT MANAGER:</b> Jeff Marchioro	<b>DIRECTOR DIVISION:</b> 3
<b>ORIGINAL APPROVED DATE:</b>	<b>I.D. LOCATION:</b> 22
<b>RELATED CIP PROJECTS:</b>	<b>PRIORITY:</b> 1
	<b>BUDGET AMOUNT:</b> \$1,750,000

**DESCRIPTION OF PROJECT:**

An assessment of the existing 16,000 L.F. 14-Inch CML forcemain built in 1978 is needed to determine the remaining useful life of the facility. The forcemain will be repaired and any corroded appurtenances will be replaced.

**JUSTIFICATION OF PROJECT:**

A leaking section of the pipeline was replaced and a condition assessment of this pipeline is recommended.

**COMMENTS:**

Assume 20% of the pipeline must be replaced or repaired.

**FUND DETAILS:**

FUNDING SOURCE:	Expansion	Betterment	Replacement	New Water Supply	Total
Betterment ID 22	0 %	100 %	0 %	0 %	100 %
<b>TOTAL:</b>	0 %	100 %	0 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	FY	
TOTAL	2016	2017	2018	2019	2020	2021	Total	
	\$325	\$225	\$1,000	\$150	\$50	\$0	\$0	\$1,750

CIP Number: R2116

**PROJECT SCHEDULE:**

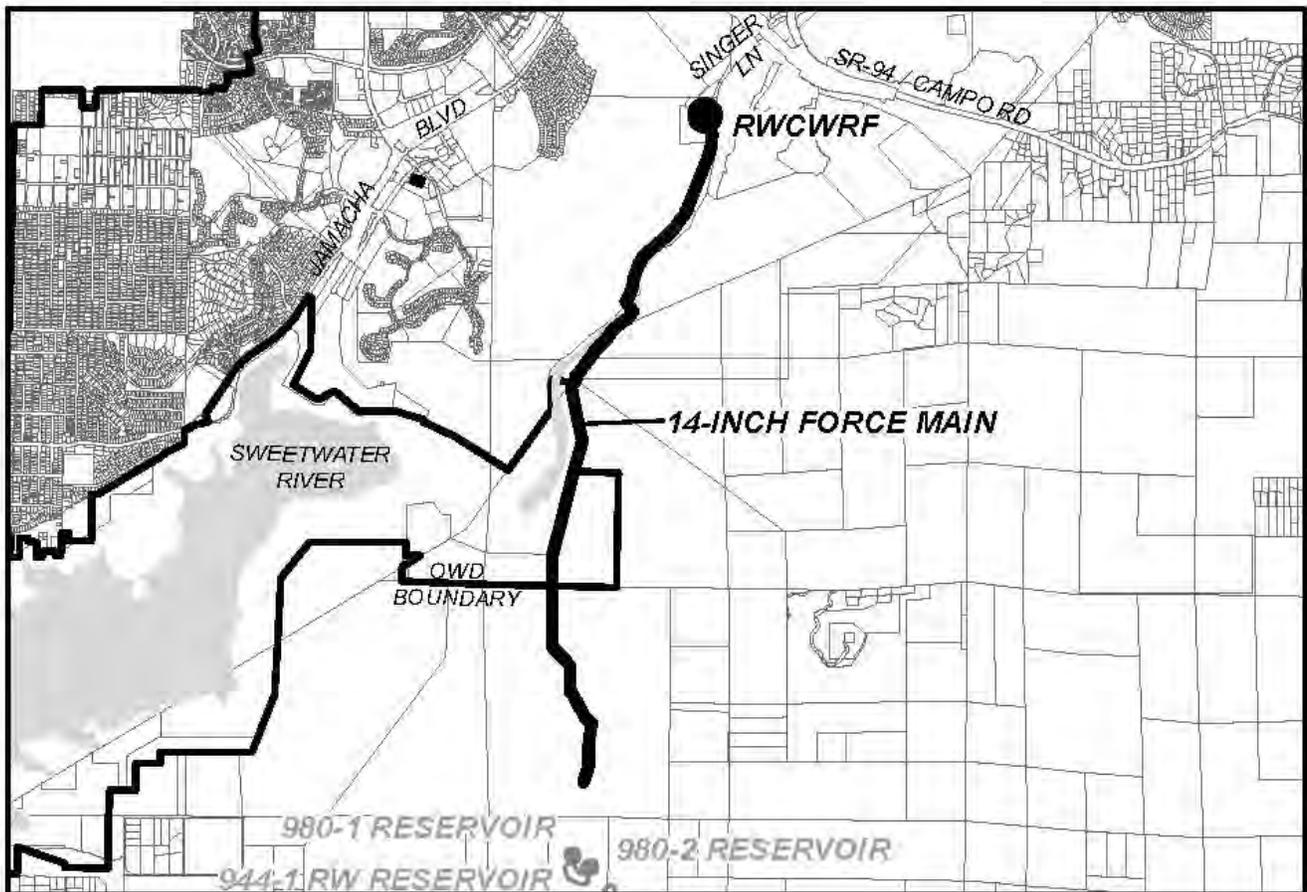
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2014	3/31/2017	\$500
DESIGN:	1/1/2015	6/30/2017	\$200
CONSTRUCTION:	1/1/2015	6/30/2019	\$1,050

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

OWD Map Book: 186, 200, 304, 318,



Submitted By: Rita Bell

Date: 5/12/2015

**PROJECT TITLE:** RWCWRF Filtered Water Storage Tank Improvements

**CIP Number:** R2120

**PROJECT MANAGER:** Stephen Beppler

**DIRECTOR DIVISION:** 3

**ORIGINAL APPROVED DATE:**

**I.D. LOCATION:** 22

**RELATED CIP PROJECTS:** R2096

**PRIORITY:** 2

**BUDGET AMOUNT:** \$500,000

**DESCRIPTION OF PROJECT:**

Seal and recoat interior and exterior of steel tank walls and concrete floor. Construct improvements to facilitate operation and maintenance activities and compliance with all applicable codes and OSHA standards. Salvage or replace and improve existing floating cover.

**JUSTIFICATION OF PROJECT:**

HDR Engineering's Inspection and Condition Assessment Report dated May 2015 recommended structural improvements, replacement of interior and exterior coatings, and replacement of the cathodic protection system. The coatings are in relatively poor condition and in need of replacement.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Betterment ID 22	0 %	100 %	0 %	0 %	100 %
<b>TOTAL:</b>	0 %	100 %	0 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$0	\$10	\$245	\$245	\$0	\$0	\$500

CIP Number: R2120

**PROJECT SCHEDULE:**

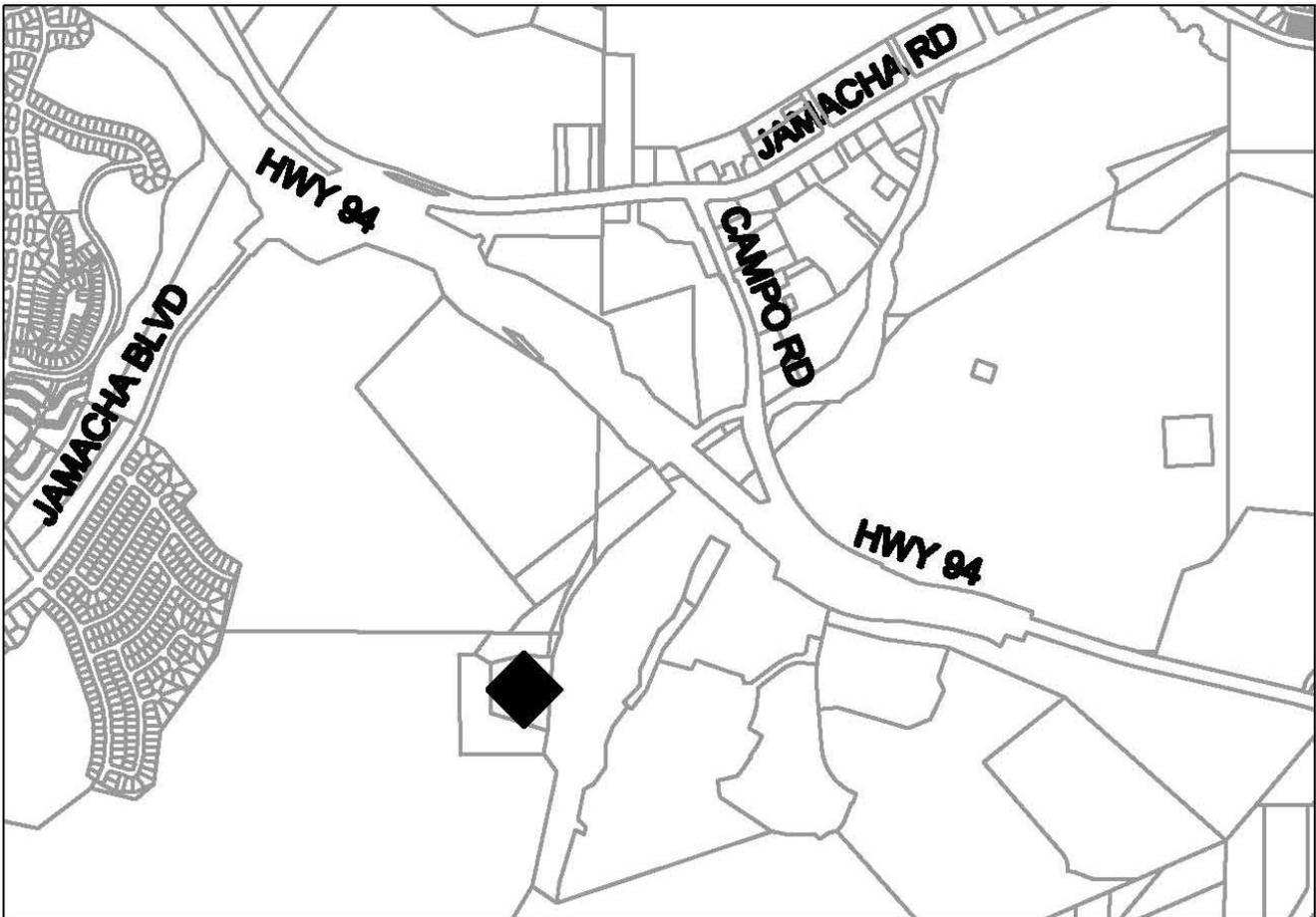
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2015	2/1/2016	\$10
DESIGN:	1/1/2016	10/31/2016	\$40
CONSTRUCTION:	10/1/2016	3/1/2018	\$450

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 319**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

<b>PROJECT TITLE:</b>	San Diego County Sanitation District Outfall and RSD Outfall Replacement	<b>CIP Number: S2012</b>
		<b>DIRECTOR DIVISION:</b> 3
<b>PROJECT MANAGER:</b>	Stephen Beppler	<b>I.D. LOCATION:</b> 18
<b>ORIGINAL APPROVED DATE:</b>	6/4/2003	<b>PRIORITY:</b> 1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b> \$3,550,000

**DESCRIPTION OF PROJECT:**

This project provides funding for the Otay Water District proportionate share of the San Diego County Sanitation District total costs for replacement of various system components of the existing Spring Valley and Rancho San Diego Outfall Systems per terms of an existing agreement with the SVSD. The reimbursement also includes a proportionate share of operating and maintenance costs.

**JUSTIFICATION OF PROJECT:**

Various components of the San Diego County Sanitation District Spring Valley Outfall and the Rancho San Diego Outfall are in very bad condition and are in need of repair and/or replacement.

**COMMENTS:**

**FUND DETAILS:**

FUNDING SOURCE:	Expansion	Betterment	Replacement	New Water Supply	Total
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	FY	
TOTAL	2016	2017	2018	2019	2020	2021	Total	
	\$835	\$50	\$150	\$150	\$200	\$250	\$300	\$1,935

**CIP Number: S2012**

**PROJECT SCHEDULE:**

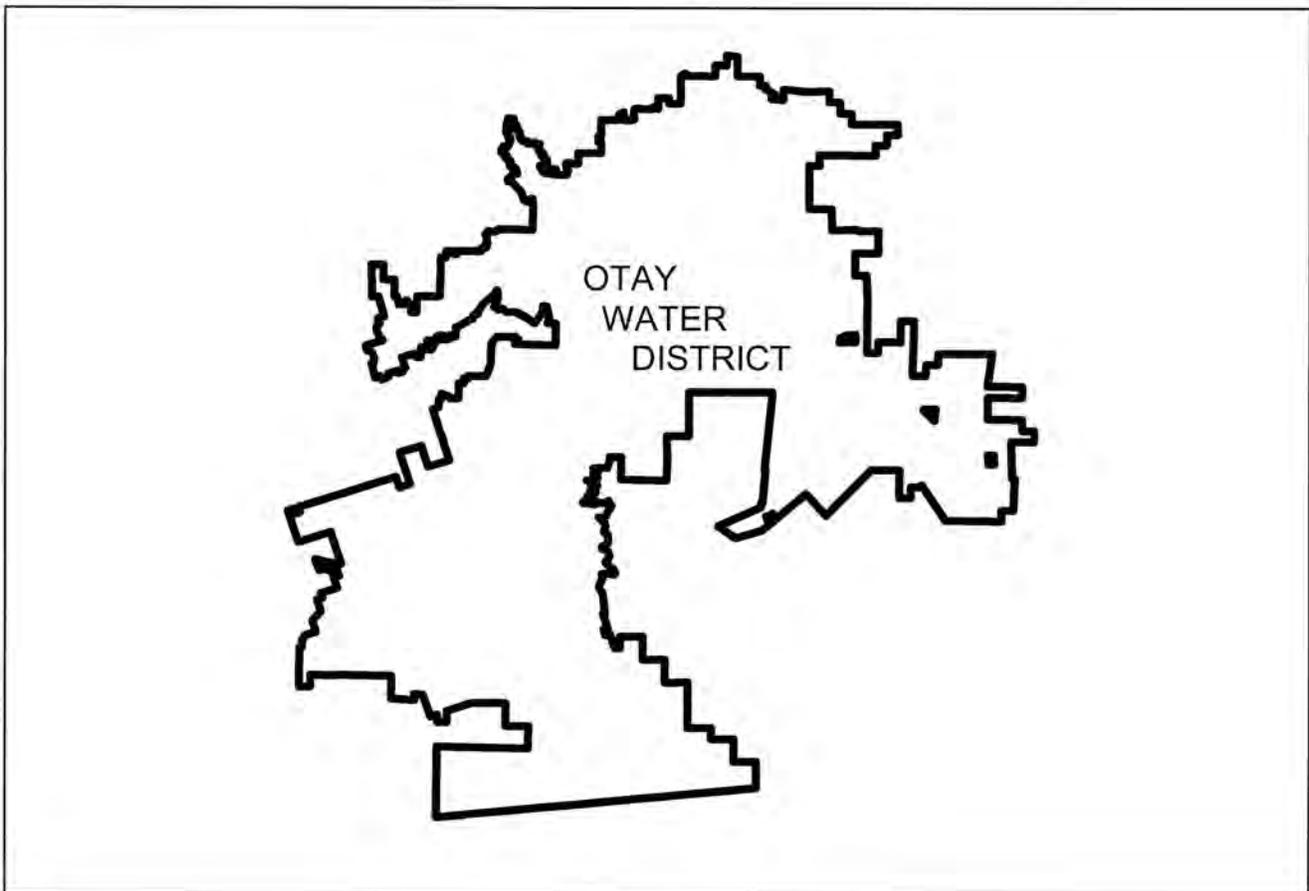
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE</b>	<b>ESTIMATED FINISHED DATE</b>	<b>ESTIMATED COST (X \$1,000):</b>
<b>PLANNING:</b>			\$0
<b>DESIGN:</b>			\$0
<b>CONSTRUCTION:</b>	7/1/2003	6/30/2025	\$3,550

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
<b>MAINT:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>ENERGY:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CHEMICAL:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book:**



**Submitted By:** Jolene Fielding

**Date:** 5/11/2015

**PROJECT TITLE:** Campo Road Sewer Main Replacement

**CIP Number:** S2024

**DIRECTOR DIVISION:** 3

**PROJECT MANAGER:** Stephen Beppler

**I.D. LOCATION:** 18

**ORIGINAL APPROVED DATE:** 5/17/2010

**PRIORITY:** 2

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$5,500,000

**DESCRIPTION OF PROJECT:**

This project provides funds to upgrade the sewer main capacity of approximately 11,050 feet of existing 10-inch PVC sewer main, 450 feet of 10-inch reinforced polymer mortar pipe sewer main, and 50 feet of 15-inch sewer main. The project location begins at the south end of Avocado Blvd, through the Rancho San Diego Village Shopping Center, paralleling SR-94/Campo Road in the adjacent open space.

**JUSTIFICATION OF PROJECT:**

The existing sewer main is under sized and must be replaced to increase capacity. Portions of the sewer main are located in areas of sensitive habitat making it difficult to access for maintenance.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Betterment ID 18	0 %	50 %	0 %	0 %	50 %
Replacement	0 %	0 %	50 %	0 %	50 %
<b>TOTAL:</b>	0 %	50 %	50 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$600	\$500	\$3,400	\$1,000	\$0	\$0	\$5,500

CIP Number: S2024

PROJECT SCHEDULE:

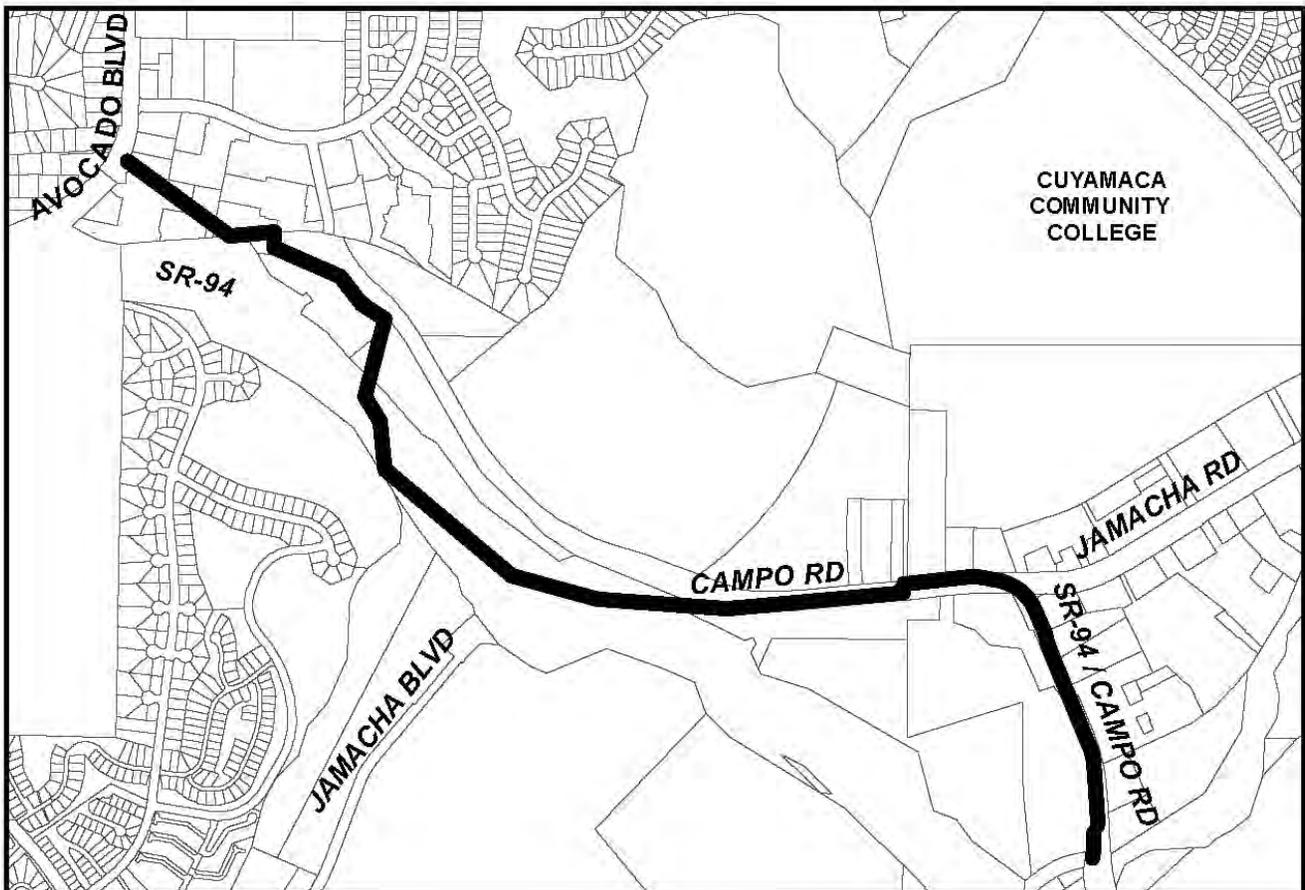
PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2010	6/1/2014	\$100
DESIGN:	1/1/2015	4/1/2016	\$900
CONSTRUCTION:	4/1/2016	6/30/2018	\$4,500

PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

PROJECT LOCATION:

OWD Map Book: 330



Submitted By: Jolene Fielding

Date: 5/6/2015

**PROJECT TITLE:** Rancho San Diego Pump Station Rehabilitation

**CIP Number:** S2027

**DIRECTOR DIVISION:** 3

**PROJECT MANAGER:** Stephen Beppler

**I.D. LOCATION:** 18

**ORIGINAL APPROVED DATE:** 5/16/2011

**PRIORITY:** 1

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$3,500,000

**DESCRIPTION OF PROJECT:**

This project provides funding for the rehabilitation of the Rancho San Diego Pump Station located near Singer Lane.

**JUSTIFICATION OF PROJECT:**

The existing sewer pump station is over 20 years old and the pumps have reached the end of their useful lives. The pump station also needs improvements to bring the station up to current OSHA requirements.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>							
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>	
	\$265	\$320	\$1,000	\$1,000	\$915	\$0	\$0	\$3,500

**CIP Number: S2027**

**PROJECT SCHEDULE:**

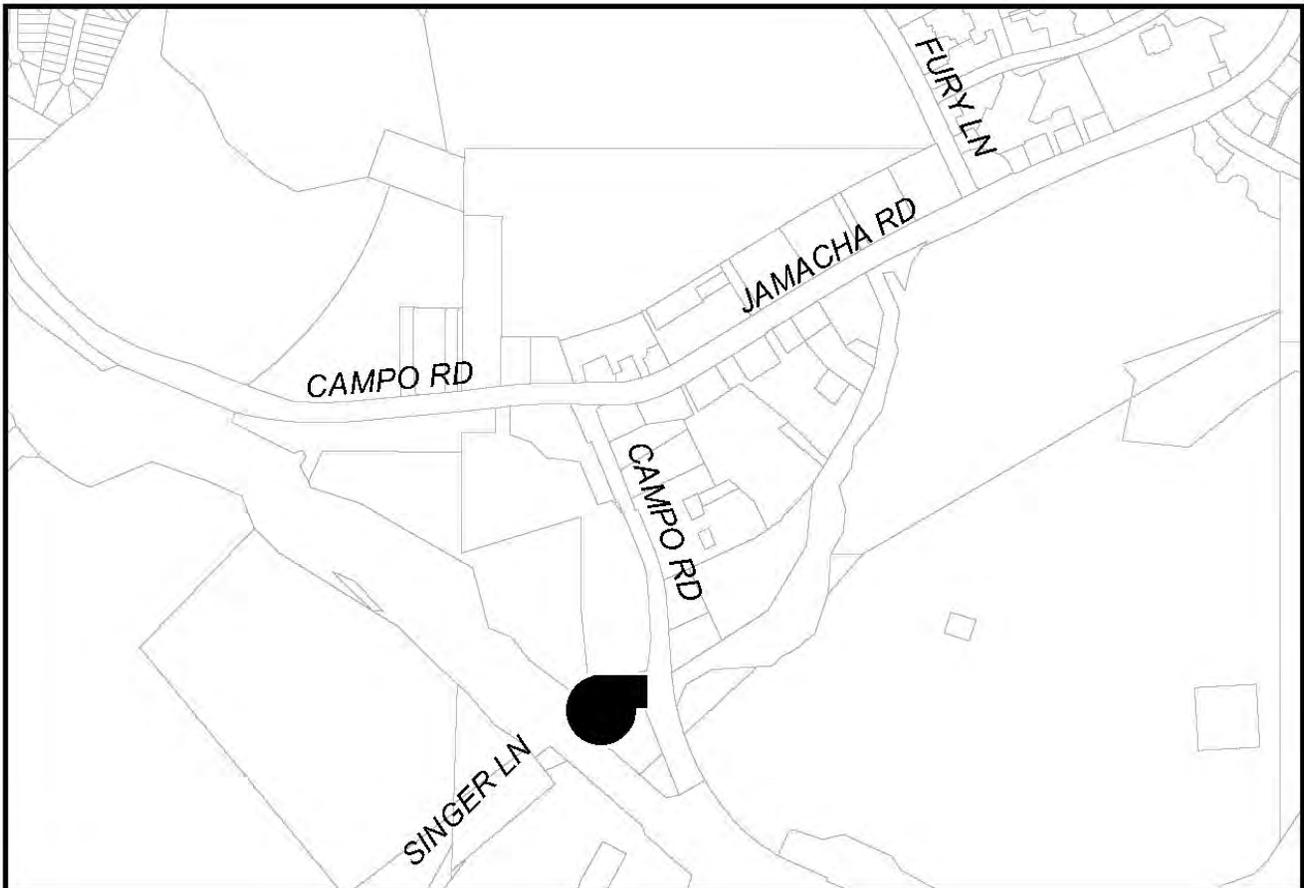
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE</b>	<b>ESTIMATED FINISHED DATE</b>	<b>ESTIMATED COST (X \$1,000):</b>
<b>PLANNING:</b>	7/1/2011	7/1/2013	\$50
<b>DESIGN:</b>	7/1/2013	6/30/2015	\$500
<b>CONSTRUCTION:</b>	7/1/2015	6/30/2019	\$2,950

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
<b>MAINT:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>ENERGY:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CHEMICAL:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book: 331**



**Submitted By:** Rita Bell

**Date:** 4/27/2015

<b>PROJECT TITLE:</b> Sewer System Rehabilitation	<b>CIP Number:</b> S2033
<b>PROJECT MANAGER:</b> Stephen Beppler	<b>DIRECTOR DIVISION:</b> 5
<b>ORIGINAL APPROVED DATE:</b> 5/16/2011	<b>I.D. LOCATION:</b> 18
<b>RELATED CIP PROJECTS:</b>	<b>PRIORITY:</b> 1
	<b>BUDGET AMOUNT:</b> \$6,000,000

**DESCRIPTION OF PROJECT:**

This project provides funding for sewer system rehabilitation efforts that have been identified. These efforts involve replacement of approximately 13,000 lineal feet of failing or damaged pipe segments, separated pipe joints, etc.

**JUSTIFICATION OF PROJECT:**

The closed circuit television sewer assessment program process has assisted in the identification of sewer mains containing sags, which has allowed debris to form, and/or are damaged and need to be repaired.

**COMMENTS:**

Project being designed and constructed in phases based upon area and type of repair. Calavo Basin Phase 1 under construction in Spring 2015. Rancho San Diego (RSD) Basin Phase 1 and Trenchless Repair under design Spring 2015, construction FY2016. Future phases of Calavo and RSD to follow in subsequent FYs.

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
\$1,400	\$900	\$800	\$800	\$800	\$800	\$500	\$6,000

**CIP Number: S2033**

**PROJECT SCHEDULE:**

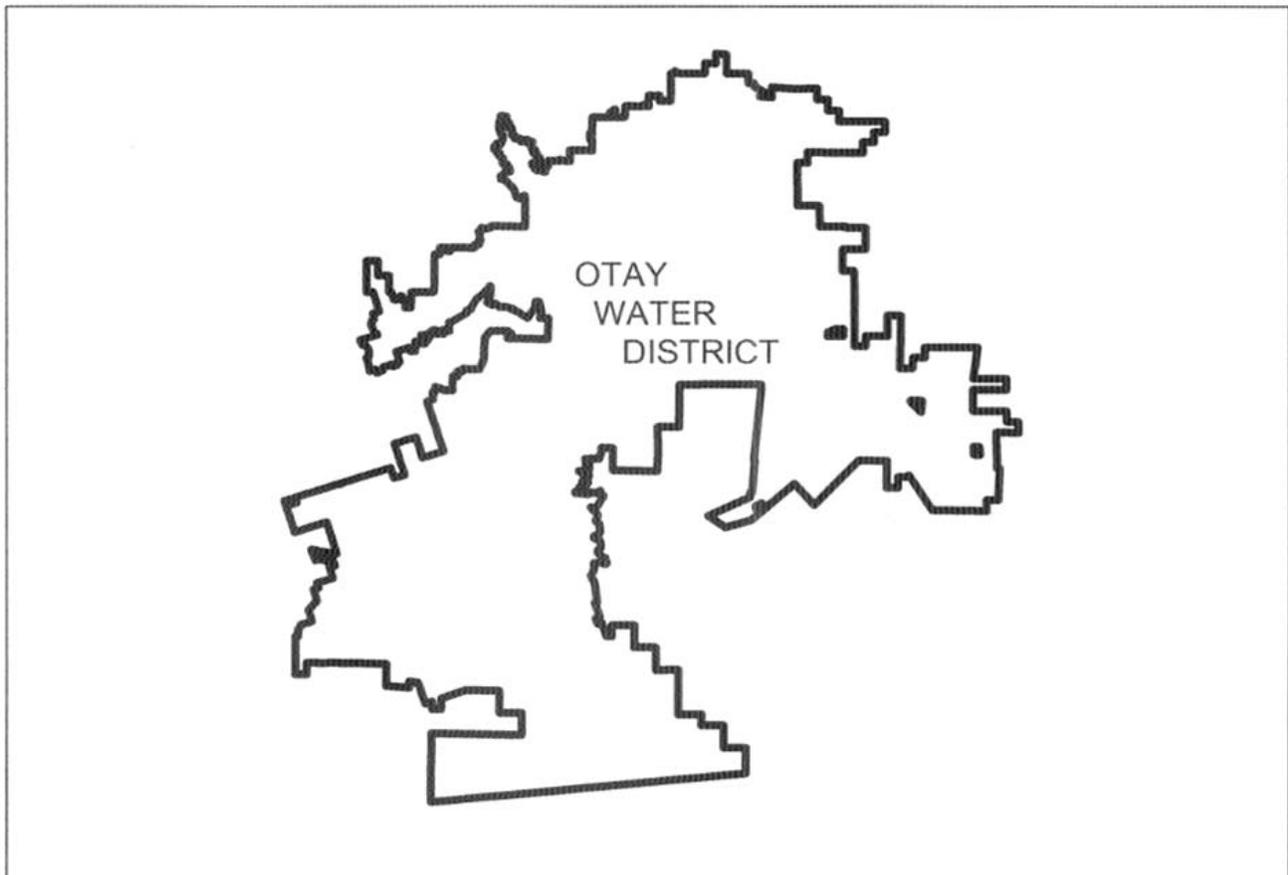
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE</b>	<b>ESTIMATED FINISHED DATE</b>	<b>ESTIMATED COST (X \$1,000):</b>
<b>PLANNING:</b>	7/1/2011	1/1/2016	\$400
<b>DESIGN:</b>	3/1/2013	1/1/2017	\$1,000
<b>CONSTRUCTION:</b>	6/30/2014	6/30/2021	\$4,600

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
<b>MAINT:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>ENERGY:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CHEMICAL:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book:**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**PROJECT TITLE:** Vehicle Capital Purchases

**CIP Number:** P2282

**DIRECTOR DIVISION:** 0

**PROJECT MANAGER:** Doug Rahders

**I.D. LOCATION:** District Wide

**ORIGINAL APPROVED DATE:** 6/3/1996

**PRIORITY:** 1

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$5,191,000

**DESCRIPTION OF PROJECT:**

This project provides funding for capital purchase of various vehicles for daily Otay Water District functions.

**JUSTIFICATION OF PROJECT:**

Replacements or newly acquired vehicles will be used for operational and administrative functions throughout the entire Otay Water District.

**COMMENTS:**

2/21/14, \$500K Vactor scheduled in FY 16

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>						
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$3,090	\$556	\$298	\$295	\$327	\$308	\$317
							\$5,191

**CIP Number: P2282**

**PROJECT SCHEDULE:**

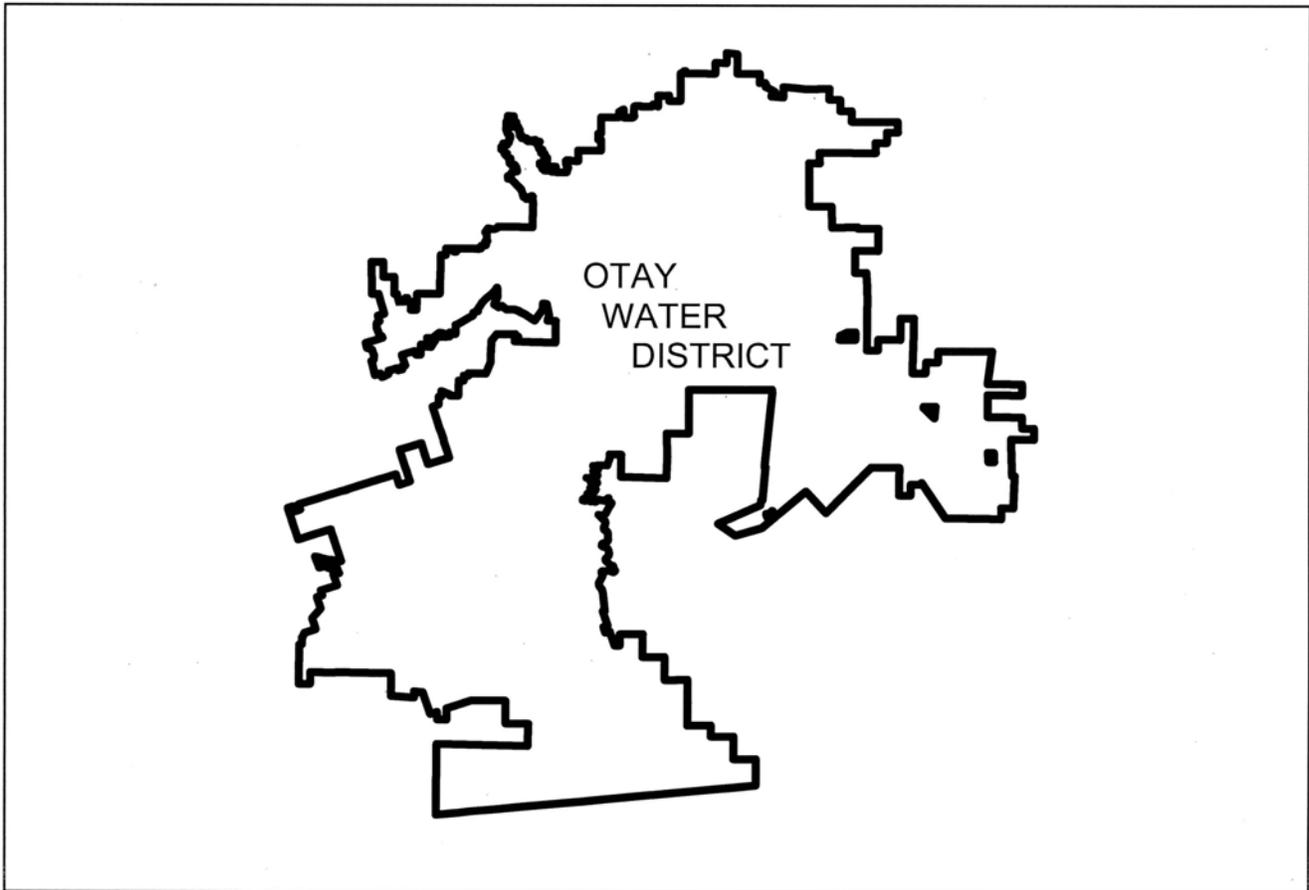
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE</b>	<b>ESTIMATED FINISHED DATE</b>	<b>ESTIMATED COST (X \$1,000):</b>
<b>PLANNING:</b>	12/1/2000	6/30/2021	\$5,191
<b>DESIGN:</b>			\$0
<b>CONSTRUCTION:</b>			\$0

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
<b>MAINT:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>ENERGY:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CHEMICAL:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book:**



**Submitted By:** Rita Bell

**Date:** 4/29/2015

**PROJECT TITLE:** Field Equipment Capital Purchases

**CIP Number:** P2286

**DIRECTOR DIVISION:** 0

**PROJECT MANAGER:** Doug Rahders

**I.D. LOCATION:** District Wide

**ORIGINAL APPROVED DATE:** 6/3/1996

**PRIORITY:** 1

**RELATED CIP PROJECTS:**

**BUDGET AMOUNT:** \$1,808,000

**DESCRIPTION OF PROJECT:**

This project provides funding for capital purchase of various pieces of field equipment used for daily Otay Water District functions.

**JUSTIFICATION OF PROJECT:**

Replacements or new acquisitions of field equipment will be used for operational functions throughout the entire Otay Water District.

**COMMENTS:**

**FUND DETAILS:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %

**EXPENDITURE SCHEDULE (X \$1,000):**

<b>PRIOR YEARS:</b>	<b>FY</b>							
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>	
	\$1,386	\$50	\$100	\$83	\$68	\$16	\$105	\$1,808

**CIP Number: P2286**

**PROJECT SCHEDULE:**

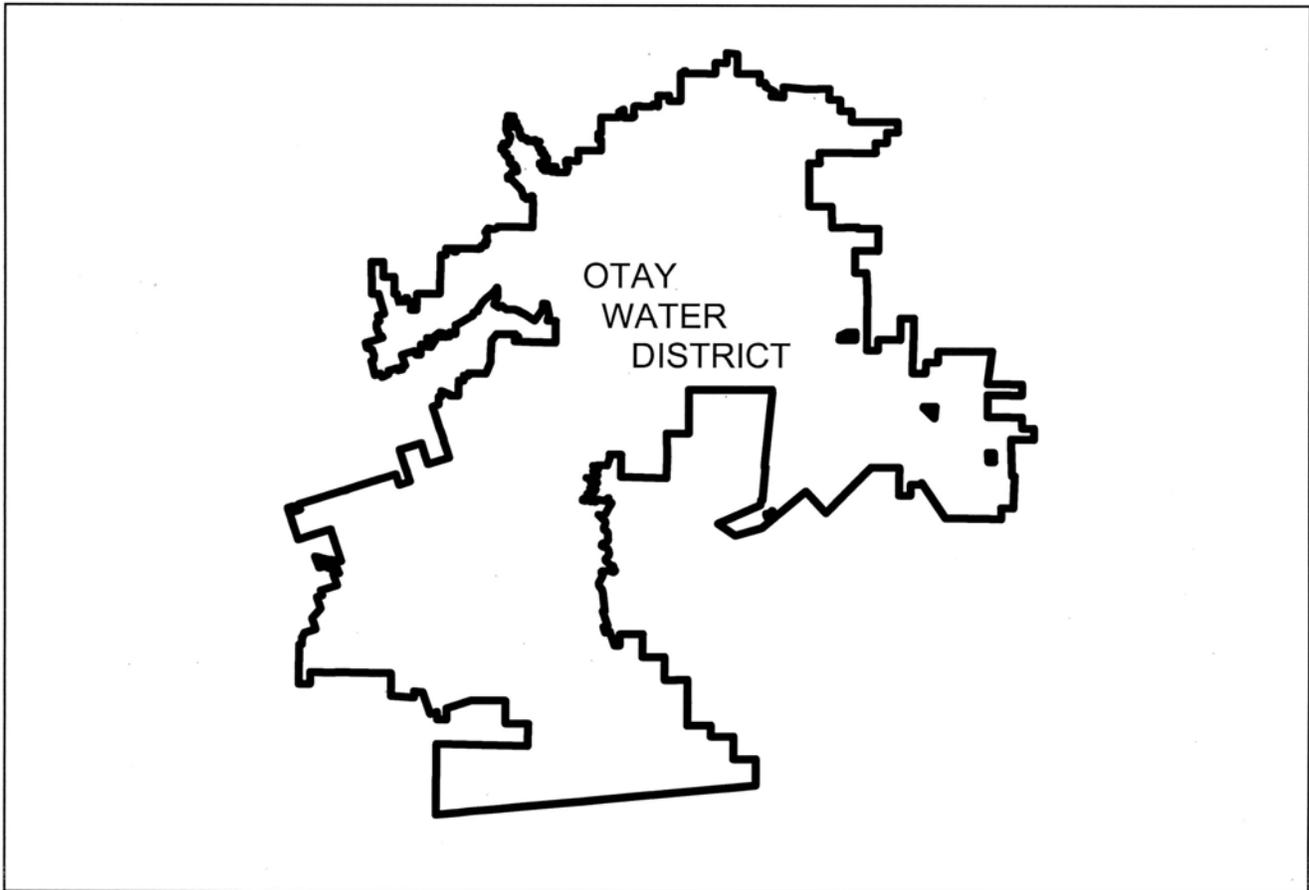
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE</b>	<b>ESTIMATED FINISHED DATE</b>	<b>ESTIMATED COST (X \$1,000):</b>
<b>PLANNING:</b>	7/1/1996	6/30/2021	\$1,808
<b>DESIGN:</b>			\$0
<b>CONSTRUCTION:</b>			\$0

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
<b>MAINT:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>ENERGY:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CHEMICAL:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book:**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

<b>PROJECT TITLE: APCD Engine Replacements and Retrofits</b>		<b>CIP Number: P2366</b>					
<b>PROJECT MANAGER:</b> Doug Rahders		<b>DIRECTOR DIVISION:</b> 0		<b>I.D. LOCATION:</b> District Wide			
<b>ORIGINAL APPROVED DATE:</b> 12/6/2000		<b>PRIORITY:</b> 1		<b>BUDGET AMOUNT:</b> \$3,835,000			
<b>RELATED CIP PROJECTS:</b>							
<b>DESCRIPTION OF PROJECT:</b>							
<p>This project will replace and/or retrofit 14 diesel fuel burning engines with the best technology exhaust gas control systems throughout the Otay Water District to comply with APCD engine emission regulations. The Otay Water District also needs to replace, re-power, and/or retrofit the heavy vehicle diesel fleet to comply with upcoming emissions regulations.</p>							
<b>JUSTIFICATION OF PROJECT:</b>							
<p>The Otay Water District is required to replace and/or retrofit its engines to meet current APCD requirements including the Air Toxics Control Measures, and to be consistent with the intended operation of the engines to meet system demands. The Otay Water District also needs to replace, re-power, and/or retrofit the heavy vehicle diesel fleet to meet future emissions requirements.</p>							
<b>COMMENTS:</b>							
<p>9/25/13, transferred \$45K from FY15 to FY14 to perform emissions retrofits on District vehicles.  2/21/2014, 2 portable gensets and 2 pump engine APCD permits are scheduled to expire on 12/31/2016.</p>							
<b>FUND DETAILS:</b>							
<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>New Water Supply</b>	<b>Total</b>		
Replacement	0 %	0 %	100 %	0 %	100 %		
<b>TOTAL:</b>	0 %	0 %	100 %	0 %	100 %		
<b>EXPENDITURE SCHEDULE (X \$1,000):</b>							
<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>
<b>TOTAL</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
	\$2,530	\$535	\$307	\$157	\$118	\$78	\$110
							\$3,835

**CIP Number: P2366**

**PROJECT SCHEDULE:**

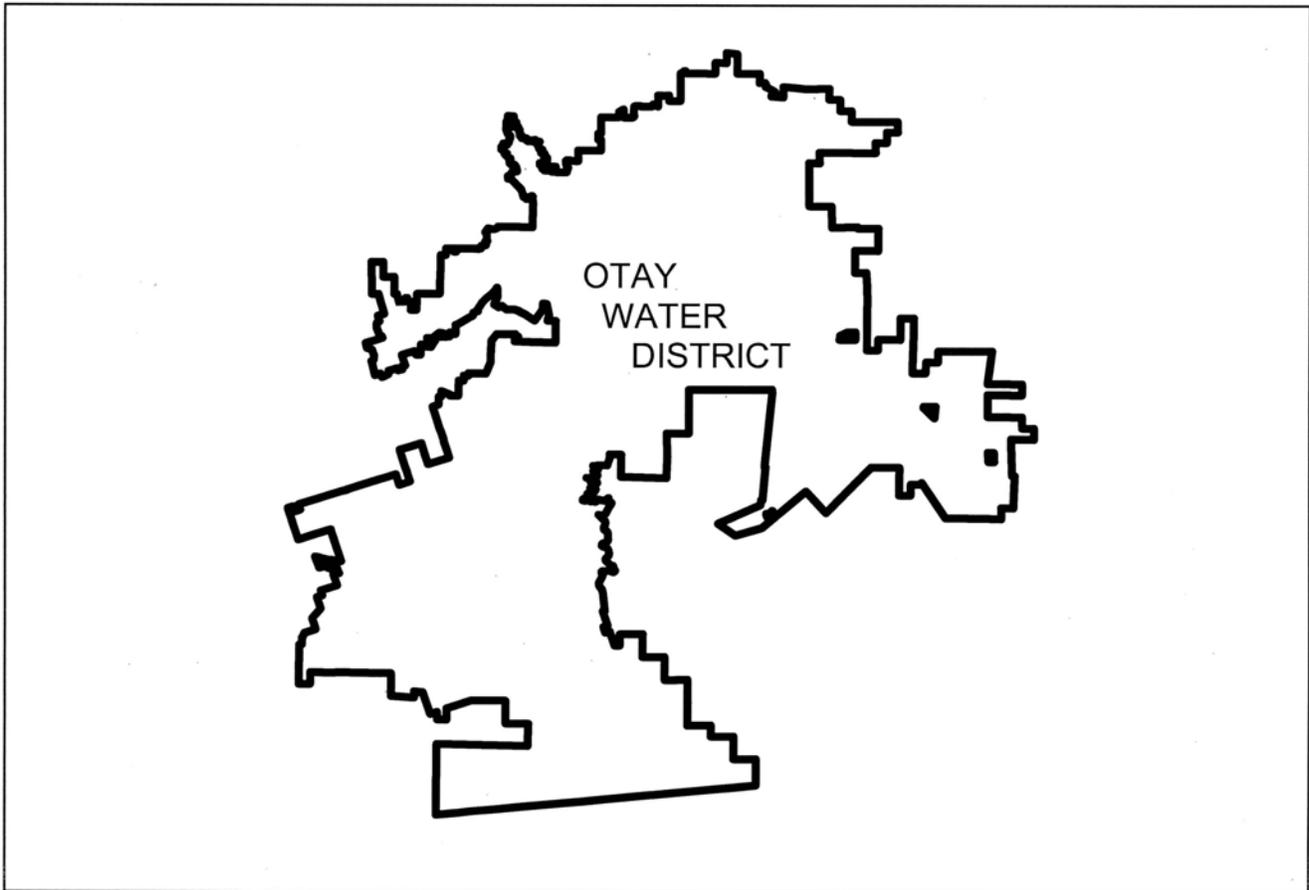
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE</b>	<b>ESTIMATED FINISHED DATE</b>	<b>ESTIMATED COST (X \$1,000):</b>
<b>PLANNING:</b>	12/1/2000	6/1/2001	\$113
<b>DESIGN:</b>	7/1/2001	6/1/2010	\$312
<b>CONSTRUCTION:</b>	7/1/2010	6/1/2020	\$3,410

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
<b>MAINT:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>ENERGY:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CHEMICAL:</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book:**



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

<b>PROJECT TITLE:</b> HWY 94 Upsized Utility Relocations at Melody Lane	<b>CIP Number:</b> P2556
<b>PROJECT MANAGER:</b> Stephen Beppler	<b>DIRECTOR DIVISION:</b> 5
<b>ORIGINAL APPROVED DATE:</b>	<b>I.D. LOCATION:</b> 22
<b>RELATED CIP PROJECTS:</b>	<b>PRIORITY:</b> 2
	<b>BUDGET AMOUNT:</b> \$250,000

**DESCRIPTION OF PROJECT:**

This project provides the funding for the upsized utility relocations required to accommodate the County of San Diego road improvement project along HWY 94 at Melody Lane. Facility relocations are for upsizing the existing 8-inch, 12-Inch, and 16-Inch potable water pipeline as needed to larger pipelines. This reimbursement is only for incremental pipeline cost due to upsize.

**JUSTIFICATION OF PROJECT:**

**COMMENTS:**

Cost Estimate:  
 \$20K; 8-inch to 16-inch upsize ~ 70 feet  
 \$120K; 12-inch to 16-inch upsize ~ 1,155 feet  
 \$0; 16-inch relocation ~ 1,780 feet  
 \$75K; 12-inch to 16-inch upsize ~ 735 feet

**FUND DETAILS:**

FUNDING SOURCE:	Expansion	Betterment	Replacement	New Water Supply	Total
Replacement	0 %	0 %	100 %	0 %	100 %
<b>TOTAL:</b>	<b>0 %</b>	<b>0 %</b>	<b>100 %</b>	<b>0 %</b>	<b>100 %</b>

**EXPENDITURE SCHEDULE (X \$1,000):**

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	FY
TOTAL	2016	2017	2018	2019	2020	2021	Total
	\$0	\$1	\$29	\$100	\$100	\$20	\$250

CIP Number: P2556

**PROJECT SCHEDULE:**

PROJECT PHASE:	ESTIMATED START DATE	ESTIMATED FINISHED DATE	ESTIMATED COST (X \$1,000):
PLANNING:	7/1/2015	6/30/2016	\$1
DESIGN:	7/1/2016	6/30/2017	\$5
CONSTRUCTION:	7/1/2017	6/30/2020	\$244

**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

	2016	2017	2018	2019	2020	2021	Total
MAINT:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENERGY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CHEMICAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**PROJECT LOCATION:**

**OWD Map Book:** 205 & 309



**Submitted By:** Jolene Fielding

**Date:** 5/7/2015

**OTAY WATER DISTRICT**  
**Job Classification and Salary Schedule**  
**Effective July 1, 2015**

Exhibit 2

Position	Exempt (E) Non-Exempt (NE)	Salary Grade	Hourly			Monthly			Annually		
			Min	Mid	Max	Min	Mid	Max	Min	Mid	Max
Accountant	NE	25	\$34.1770	\$38.4491	\$42.7213	\$5,924.03	\$6,664.51	\$7,405.00	\$71,088.34	\$79,974.12	\$88,860.04
Accounting Technician	NE	20	\$26.7786	\$30.1259	\$33.4731	\$4,641.62	\$5,221.82	\$5,802.01	\$55,699.50	\$62,661.81	\$69,624.17
Assistant Buyer	NE	19	\$25.5035	\$28.6914	\$31.8792	\$4,420.61	\$4,973.17	\$5,525.73	\$53,047.30	\$59,678.00	\$66,308.74
Assistant Chief	E	38	\$64.4460	\$72.5016	\$80.5572	\$11,170.64	\$12,566.94	\$13,963.24	\$134,047.64	\$150,803.24	\$167,558.84
Assistant Civil Engineer I	NE	25	\$34.1770	\$38.4491	\$42.7213	\$5,924.03	\$6,664.51	\$7,405.00	\$71,088.34	\$79,974.12	\$88,860.04
Assistant Civil Engineer II	E	27	\$37.6802	\$42.3901	\$47.1001	\$6,531.24	\$7,347.62	\$8,164.02	\$78,374.89	\$88,171.43	\$97,968.21
Assistant General Manager	E	43	\$82.2512	\$92.5324	\$102.8137	\$14,256.87	\$16,038.95	\$17,821.03	\$171,082.41	\$192,467.38	\$213,852.36
Assistant Survey Technician	NE	19	\$25.5035	\$28.6914	\$31.8792	\$4,420.61	\$4,973.17	\$5,525.73	\$53,047.30	\$59,678.00	\$66,308.74
Associate Civil Engineer	E	32	\$48.0906	\$54.1018	\$60.1130	\$8,335.70	\$9,377.65	\$10,419.58	\$100,028.44	\$112,531.75	\$125,035.01
Business Systems Analyst I	E	25	\$34.1770	\$38.4491	\$42.7213	\$5,924.03	\$6,664.51	\$7,405.00	\$71,088.34	\$79,974.12	\$88,860.04
Business Systems Analyst II	E	29	\$41.5425	\$46.7351	\$51.9279	\$7,200.69	\$8,100.75	\$9,000.83	\$86,408.23	\$97,209.02	\$108,009.94
Buyer	NE	20	\$26.7786	\$30.1259	\$33.4731	\$4,641.62	\$5,221.82	\$5,802.01	\$55,699.50	\$62,661.81	\$69,624.17
Chief Financial Officer	E	40	\$71.0517	\$79.9330	\$88.8407	\$12,315.62	\$13,855.05	\$15,399.04	\$147,787.44	\$166,260.57	\$184,788.50
Chief Information Officer	E	40	\$71.0517	\$79.9330	\$88.8407	\$12,315.62	\$13,855.05	\$15,399.04	\$147,787.44	\$166,260.57	\$184,788.50
Chief, Administrative Services	E	40	\$71.0517	\$79.9330	\$88.8407	\$12,315.62	\$13,855.05	\$15,399.04	\$147,787.44	\$166,260.57	\$184,788.50
Chief, Engineering	E	40	\$71.0517	\$79.9330	\$88.8407	\$12,315.62	\$13,855.05	\$15,399.04	\$147,787.44	\$166,260.57	\$184,788.50
Chief, Water Operations	E	40	\$71.0517	\$79.9330	\$88.8407	\$12,315.62	\$13,855.05	\$15,399.04	\$147,787.44	\$166,260.57	\$184,788.50
Communications Officer	E	30	\$43.6195	\$49.0719	\$54.5243	\$7,560.72	\$8,505.80	\$9,450.87	\$90,728.59	\$102,069.55	\$113,410.43
Confidential Executive Secretary	NE	22	\$29.5235	\$33.2138	\$36.9042	\$5,117.40	\$5,757.05	\$6,396.72	\$61,408.79	\$69,084.61	\$76,760.65
Confidential Secretary	NE	18	\$24.2891	\$27.3251	\$30.3611	\$4,210.10	\$4,736.35	\$5,262.60	\$50,521.23	\$56,836.18	\$63,151.18
Construction Inspector I	NE	22	\$29.5235	\$33.2138	\$36.9042	\$5,117.40	\$5,757.05	\$6,396.72	\$61,408.79	\$69,084.61	\$76,760.65
Construction Inspector II	NE	24	\$32.5495	\$36.6182	\$40.6868	\$5,641.92	\$6,347.16	\$7,052.38	\$67,703.07	\$76,165.90	\$84,628.62
Construction Management Specialist	E	32	\$48.0906	\$54.1018	\$60.1130	\$8,335.70	\$9,377.65	\$10,419.58	\$100,028.44	\$112,531.75	\$125,035.01
Customer Service Field Representative I	NE	16	\$22.0309	\$24.7847	\$27.5385	\$3,818.69	\$4,296.00	\$4,773.33	\$45,824.23	\$51,552.01	\$57,279.98
Customer Service Field Representative II	NE	18	\$24.2891	\$27.3251	\$30.3611	\$4,210.10	\$4,736.35	\$5,262.60	\$50,521.23	\$56,836.18	\$63,151.18
Customer Service Manager	E	33	\$50.4951	\$56.8069	\$63.1186	\$8,752.49	\$9,846.52	\$10,940.56	\$105,029.90	\$118,158.20	\$131,286.72
Customer Service Representative I	NE	16	\$22.0309	\$24.7847	\$27.5385	\$3,818.69	\$4,296.00	\$4,773.33	\$45,824.23	\$51,552.01	\$57,279.98
Customer Service Representative II	NE	18	\$24.2891	\$27.3251	\$30.3611	\$4,210.10	\$4,736.35	\$5,262.60	\$50,521.23	\$56,836.18	\$63,151.18
Data Systems Technician	NE	20	\$26.7786	\$30.1259	\$33.4731	\$4,641.62	\$5,221.82	\$5,802.01	\$55,699.50	\$62,661.81	\$69,624.17
Database Administrator	E	32	\$48.0906	\$54.1018	\$60.1130	\$8,335.70	\$9,377.65	\$10,419.58	\$100,028.44	\$112,531.75	\$125,035.01
Disinfection Technician	NE	23	\$30.9996	\$34.8745	\$38.7494	\$5,373.26	\$6,044.92	\$6,716.56	\$64,479.17	\$72,539.02	\$80,598.69
District Secretary	E	29	\$41.5425	\$46.7351	\$51.9279	\$7,200.69	\$8,100.75	\$9,000.83	\$86,408.23	\$97,209.02	\$108,009.94
Electrician I	NE	22	\$29.5235	\$33.2138	\$36.9042	\$5,117.40	\$5,757.05	\$6,396.72	\$61,408.79	\$69,084.61	\$76,760.65
Electrician II	NE	24	\$32.5495	\$36.6182	\$40.6868	\$5,641.92	\$6,347.16	\$7,052.38	\$67,703.07	\$76,165.90	\$84,628.62
Engineering Manager	E	37	\$61.3772	\$69.0491	\$76.7211	\$10,638.70	\$11,968.51	\$13,298.32	\$127,664.41	\$143,622.14	\$159,579.88
Engineering Technician	NE	22	\$29.5235	\$33.2138	\$36.9042	\$5,117.40	\$5,757.05	\$6,396.72	\$61,408.79	\$69,084.61	\$76,760.65
Environmental Compliance Specialist	E	28	\$39.5643	\$44.5096	\$49.4551	\$6,857.80	\$7,715.01	\$8,572.22	\$82,293.60	\$92,580.09	\$102,866.61
Equipment Mechanic I	NE	18	\$24.2891	\$27.3251	\$30.3611	\$4,210.10	\$4,736.35	\$5,262.60	\$50,521.23	\$56,836.18	\$63,151.18
Equipment Mechanic II	NE	21	\$28.1176	\$31.6322	\$35.1468	\$4,873.71	\$5,482.92	\$6,092.12	\$58,484.55	\$65,795.04	\$73,105.39
Executive Secretary	NE	22	\$29.5235	\$33.2138	\$36.9042	\$5,117.40	\$5,757.05	\$6,396.72	\$61,408.79	\$69,084.61	\$76,760.65
Facilities Maintenance Technician	NE	19	\$25.5035	\$28.6914	\$31.8792	\$4,420.61	\$4,973.17	\$5,525.73	\$53,047.30	\$59,678.00	\$66,308.74
Field Services Manager	E	33	\$50.4951	\$56.8069	\$63.1186	\$8,752.49	\$9,846.52	\$10,940.56	\$105,029.90	\$118,158.20	\$131,286.72

**OTAY WATER DISTRICT**  
**Job Classification and Salary Schedule**  
**Effective July 1, 2015**

Exhibit 2

Position	Exempt (E) Non-Exempt (NE)	Salary Grade	Min	Hourly Mid	Max	Min	Monthly Mid	Max	Min	Annually Mid	Max
Finance Manager, Controller & Budget	E	35	\$55.6709	\$62.6295	\$69.5883	\$9,649.62	\$10,855.78	\$12,061.97	\$115,795.45	\$130,269.41	\$144,743.60
Finance Manager, Treasury & Accounting	E	35	\$55.6709	\$62.6295	\$69.5883	\$9,649.62	\$10,855.78	\$12,061.97	\$115,795.45	\$130,269.41	\$144,743.60
Fleet Maintenance Supervisor	E	28	\$39.5643	\$44.5096	\$49.4551	\$6,857.80	\$7,715.01	\$8,572.22	\$82,293.60	\$92,580.09	\$102,866.61
General Manager*	E	N/A									\$225,005.00
GIS Analyst	E	25	\$34.1770	\$38.4491	\$42.7213	\$5,924.03	\$6,664.51	\$7,405.00	\$71,088.34	\$79,974.12	\$88,860.04
GIS Manager	E	34	\$53.0198	\$59.6473	\$66.2746	\$9,190.10	\$10,338.85	\$11,487.59	\$110,281.22	\$124,066.25	\$137,851.08
GIS Programmer Analyst	E	27	\$37.6802	\$42.3901	\$47.1001	\$6,531.24	\$7,347.62	\$8,164.02	\$78,374.89	\$88,171.43	\$97,968.21
GIS Technician	NE	22	\$29.5235	\$33.2138	\$36.9042	\$5,117.40	\$5,757.05	\$6,396.72	\$61,408.79	\$69,084.61	\$76,760.65
Human Resources Analyst	E	25	\$34.1770	\$38.4491	\$42.7213	\$5,924.03	\$6,664.51	\$7,405.00	\$71,088.34	\$79,974.12	\$88,860.04
Human Resources Manager	E	35	\$55.6709	\$62.6295	\$69.5883	\$9,649.62	\$10,855.78	\$12,061.97	\$115,795.45	\$130,269.41	\$144,743.60
Information Technology Manager	E	34	\$53.0198	\$59.6473	\$66.2746	\$9,190.10	\$10,338.85	\$11,487.59	\$110,281.22	\$124,066.25	\$137,851.08
Laboratory Analyst	NE	26	\$35.8860	\$40.3716	\$44.8573	\$6,220.23	\$6,997.74	\$7,775.25	\$74,642.78	\$83,972.86	\$93,303.04
Lead Construction Inspector	NE	26	\$35.8860	\$40.3716	\$44.8573	\$6,220.23	\$6,997.74	\$7,775.25	\$74,642.78	\$83,972.86	\$93,303.04
Lead Customer Service Field Representative	NE	21	\$28.1176	\$31.6322	\$35.1468	\$4,873.71	\$5,482.92	\$6,092.12	\$58,484.55	\$65,795.04	\$73,105.39
Lead Customer Service Representative	NE	21	\$28.1176	\$31.6322	\$35.1468	\$4,873.71	\$5,482.92	\$6,092.12	\$58,484.55	\$65,795.04	\$73,105.39
Lead Meter Maintenance/Cross Conn Worker	NE	25	\$34.1770	\$38.4491	\$42.7213	\$5,924.03	\$6,664.51	\$7,405.00	\$71,088.34	\$79,974.12	\$88,860.04
Lead Reclamation Plant Operator	NE	26	\$35.8860	\$40.3716	\$44.8573	\$6,220.23	\$6,997.74	\$7,775.25	\$74,642.78	\$83,972.86	\$93,303.04
Lead Water Systems Operator	NE	26	\$35.8860	\$40.3716	\$44.8573	\$6,220.23	\$6,997.74	\$7,775.25	\$74,642.78	\$83,972.86	\$93,303.04
Meter Maintenance Worker I	NE	18	\$24.2891	\$27.3251	\$30.3611	\$4,210.10	\$4,736.35	\$5,262.60	\$50,521.23	\$56,836.18	\$63,151.18
Meter Maintenance Worker II	NE	21	\$28.1176	\$31.6322	\$35.1468	\$4,873.71	\$5,482.92	\$6,092.12	\$58,484.55	\$65,795.04	\$73,105.39
Network Analyst	E	26	\$35.8860	\$40.3716	\$44.8573	\$6,220.23	\$6,997.74	\$7,775.25	\$74,642.78	\$83,972.86	\$93,303.04
Network Engineer	E	31	\$45.8006	\$51.5255	\$57.2505	\$7,938.76	\$8,931.08	\$9,923.41	\$95,265.10	\$107,173.00	\$119,080.97
Permit Technician	NE	20	\$26.7786	\$30.1259	\$33.4731	\$4,641.62	\$5,221.82	\$5,802.01	\$55,699.50	\$62,661.81	\$69,624.17
Pump Mechanic I	NE	19	\$25.5035	\$28.6914	\$31.8792	\$4,420.61	\$4,973.17	\$5,525.73	\$53,047.30	\$59,678.00	\$66,308.74
Pump Mechanic II	NE	22	\$29.5235	\$33.2138	\$36.9042	\$5,117.40	\$5,757.05	\$6,396.72	\$61,408.79	\$69,084.61	\$76,760.65
Pump/Electrical Supervisor	E	28	\$39.5643	\$44.5096	\$49.4551	\$6,857.80	\$7,715.01	\$8,572.22	\$82,293.60	\$92,580.09	\$102,866.61
Purchasing & Facilities Manager	E	34	\$53.0198	\$59.6473	\$66.2746	\$9,190.10	\$10,338.85	\$11,487.59	\$110,281.22	\$124,066.25	\$137,851.08
Reclamation Plant Operator I	NE	19	\$25.5035	\$28.6914	\$31.8792	\$4,420.61	\$4,973.17	\$5,525.73	\$53,047.30	\$59,678.00	\$66,308.74
Reclamation Plant Operator II	NE	21	\$28.1176	\$31.6322	\$35.1468	\$4,873.71	\$5,482.92	\$6,092.12	\$58,484.55	\$65,795.04	\$73,105.39
Reclamation Plant Operator III	NE	23	\$30.9996	\$34.8745	\$38.7494	\$5,373.26	\$6,044.92	\$6,716.56	\$64,479.17	\$72,539.02	\$80,598.69
Reclamation Plant Supervisor	E	30	\$43.6195	\$49.0719	\$54.5243	\$7,560.72	\$8,505.80	\$9,450.87	\$90,728.59	\$102,069.55	\$113,410.43
Recycled Water Distribution Operator I	NE	19	\$25.5035	\$28.6914	\$31.8792	\$4,420.61	\$4,973.17	\$5,525.73	\$53,047.30	\$59,678.00	\$66,308.74
Recycled Water Distribution Operator II	NE	21	\$28.1176	\$31.6322	\$35.1468	\$4,873.71	\$5,482.92	\$6,092.12	\$58,484.55	\$65,795.04	\$73,105.39
Recycled Water Distribution Operator III	NE	23	\$30.9996	\$34.8745	\$38.7494	\$5,373.26	\$6,044.92	\$6,716.56	\$64,479.17	\$72,539.02	\$80,598.69
Recycled Water System Supervisor	E	30	\$43.6195	\$49.0719	\$54.5243	\$7,560.72	\$8,505.80	\$9,450.87	\$90,728.59	\$102,069.55	\$113,410.43
Safety and Security Specialist	E	30	\$43.6195	\$49.0719	\$54.5243	\$7,560.72	\$8,505.80	\$9,450.87	\$90,728.59	\$102,069.55	\$113,410.43
SCADA/Instrumentation Technician	NE	25	\$34.1770	\$38.4491	\$42.7213	\$5,924.03	\$6,664.51	\$7,405.00	\$71,088.34	\$79,974.12	\$88,860.04
Secretary	NE	18	\$24.2891	\$27.3251	\$30.3611	\$4,210.10	\$4,736.35	\$5,262.60	\$50,521.23	\$56,836.18	\$63,151.18
Senior Accountant	E	28	\$39.5643	\$44.5096	\$49.4551	\$6,857.80	\$7,715.01	\$8,572.22	\$82,293.60	\$92,580.09	\$102,866.61
Senior Buyer	NE	23	\$30.9996	\$34.8745	\$38.7494	\$5,373.26	\$6,044.92	\$6,716.56	\$64,479.17	\$72,539.02	\$80,598.69
Senior Civil Engineer	E	34	\$53.0198	\$59.6473	\$66.2746	\$9,190.10	\$10,338.85	\$11,487.59	\$110,281.22	\$124,066.25	\$137,851.08
Senior Confidential Executive Secretary	E	24	\$32.5495	\$36.6182	\$40.6868	\$5,641.92	\$6,347.16	\$7,052.38	\$67,703.07	\$76,165.90	\$84,628.62

**OTAY WATER DISTRICT**  
**Job Classification and Salary Schedule**  
**Effective July 1, 2015**

Exhibit 2

Position	Exempt (E) Non-Exempt (NE)	Salary Grade	Min	Hourly Mid	Max	Min	Monthly Mid	Max	Min	Annually Mid	Max
Senior Disinfection Technician	NE	24	\$32.5495	\$36.6182	\$40.6868	\$5,641.92	\$6,347.16	\$7,052.38	\$67,703.07	\$76,165.90	\$84,628.62
Senior Engineering Technician	NE	24	\$32.5495	\$36.6182	\$40.6868	\$5,641.92	\$6,347.16	\$7,052.38	\$67,703.07	\$76,165.90	\$84,628.62
Senior Human Resources Analyst	E	30	\$43.6195	\$49.0719	\$54.5243	\$7,560.72	\$8,505.80	\$9,450.87	\$90,728.59	\$102,069.55	\$113,410.43
Senior SCADA/Instrumentation Technician	NE	28	\$39.5643	\$44.5096	\$49.4551	\$6,857.80	\$7,715.01	\$8,572.22	\$82,293.60	\$92,580.09	\$102,866.61
Senior Utility/Equipment Operator	NE	22	\$29.5235	\$33.2138	\$36.9042	\$5,117.40	\$5,757.05	\$6,396.72	\$61,408.79	\$69,084.61	\$76,760.65
Senior Water Conservation Specialist	E	24	\$32.5495	\$36.6182	\$40.6868	\$5,641.92	\$6,347.16	\$7,052.38	\$67,703.07	\$76,165.90	\$84,628.62
Supervising Land Surveyor	E	29	\$41.5425	\$46.7351	\$51.9279	\$7,200.69	\$8,100.75	\$9,000.83	\$86,408.23	\$97,209.02	\$108,009.94
Survey Technician	NE	25	\$34.1770	\$38.4491	\$42.7213	\$5,924.03	\$6,664.51	\$7,405.00	\$71,088.34	\$79,974.12	\$88,860.04
System Operations Manager	E	36	\$58.4545	\$65.7610	\$73.0677	\$10,132.10	\$11,398.57	\$12,665.07	\$121,585.21	\$136,782.90	\$151,980.81
System Support Analyst	E	29	\$41.5425	\$46.7351	\$51.9279	\$7,200.69	\$8,100.75	\$9,000.83	\$86,408.23	\$97,209.02	\$108,009.94
Utility Crew Leader	NE	24	\$32.5495	\$36.6182	\$40.6868	\$5,641.92	\$6,347.16	\$7,052.38	\$67,703.07	\$76,165.90	\$84,628.62
Utility Maintenance Supervisor	E	28	\$39.5643	\$44.5096	\$49.4551	\$6,857.80	\$7,715.01	\$8,572.22	\$82,293.60	\$92,580.09	\$102,866.61
Utility Services Manager	E	35	\$55.6709	\$62.6295	\$69.5883	\$9,649.62	\$10,855.78	\$12,061.97	\$115,795.45	\$130,269.41	\$144,743.60
Utility Worker I	NE	18	\$24.2891	\$27.3251	\$30.3611	\$4,210.10	\$4,736.35	\$5,262.60	\$50,521.23	\$56,836.18	\$63,151.18
Utility Worker II	NE	20	\$26.7786	\$30.1259	\$33.4731	\$4,641.62	\$5,221.82	\$5,802.01	\$55,699.50	\$62,661.81	\$69,624.17
Valve Maintenance Worker	NE	18	\$24.2891	\$27.3251	\$30.3611	\$4,210.10	\$4,736.35	\$5,262.60	\$50,521.23	\$56,836.18	\$63,151.18
Warehouse/Delivery Worker	NE	19	\$25.5035	\$28.6914	\$31.8792	\$4,420.61	\$4,973.17	\$5,525.73	\$53,047.30	\$59,678.00	\$66,308.74
Water Conservation Specialist	NE	22	\$29.5235	\$33.2138	\$36.9042	\$5,117.40	\$5,757.05	\$6,396.72	\$61,408.79	\$69,084.61	\$76,760.65
Water Systems Operator I	NE	20	\$26.7786	\$30.1259	\$33.4731	\$4,641.62	\$5,221.82	\$5,802.01	\$55,699.50	\$62,661.81	\$69,624.17
Water Systems Operator II	NE	22	\$29.5235	\$33.2138	\$36.9042	\$5,117.40	\$5,757.05	\$6,396.72	\$61,408.79	\$69,084.61	\$76,760.65
Water Systems Operator III	NE	23	\$30.9996	\$34.8745	\$38.7494	\$5,373.26	\$6,044.92	\$6,716.56	\$64,479.17	\$72,539.02	\$80,598.69
Water Systems Supervisor	E	30	\$43.6195	\$49.0719	\$54.5243	\$7,560.72	\$8,505.80	\$9,450.87	\$90,728.59	\$102,069.55	\$113,410.43

\* Salary is determined by the Board

ORDINANCE NO. 550

AN ORDINANCE OF THE BOARD OF DIRECTORS OF  
THE OTAY WATER DISTRICT  
AMENDING SECTION 25, CONDITIONS FOR WATER SERVICE;  
SECTION 53, CONDITIONS FOR SEWER SERVICE; AND  
APPENDIX A OF THE DISTRICT'S CODE OF ORDINANCES

BE IT ORDAINED by the Board of Directors of Otay Water District that the District's Code of Ordinances Section 25, Conditions for Water Service; Section 53, Conditions for Sewer Service; and Appendix A be amended as per Exhibits 1, 3 & 5 to this resolution.

NOW, THEREFORE, BE IT RESOLVED that the new proposed Section 25, Conditions for Water Service (Exhibit 2) and Section 53, Conditions for Sewer Service (Exhibit 4) shall become effective on July 1, 2015. The new proposed Appendix A (Exhibit 6) of the Code of Ordinances shall become effective January 1, 2016.

PASSED, APPROVED AND ADOPTED by the Board of Directors of the Otay Water District at a regular meeting duly held this 3rd day of June 2015, by the following roll call vote:

AYES:  
NOES:  
ABSENT:  
ABSTAIN:

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President

ATTEST:

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District Secretary

## SECTION 25

CONDITIONS FOR WATER SERVICE25.01 SERVICE AREA

Water service shall be furnished by the District only to property within (annexed to) a water improvement district within the District's service area. Water service to property located outside an improvement district may be furnished only upon prior approval of the Board of Directors. Temporary water service to property located outside an improvement district may be furnished, in accordance with Section 25.03 E.12., upon the approval of the General Manager.

25.02 DEFINITION OF "HCF" AND "UNIT OF WATER"

As used in the Code the terms "HCF" and "unit of water" are interchangeable and each shall mean 100 cubic feet or 748 gallons of water.

25.03 DEFINITIONS OF WATER SERVICE CATAGORIES, WATER RATES, CHARGES AND FEES

Water service furnished by the District shall be under the categories of services and at the rates, charges and fees as set forth in Appendix A, Section 25.

All District water rates, charges and fees are subject to Board approval of rate increases beginning January 1, 2014 and periodically thereafter through December 31, 2018. The increases shall be the amount sufficient to cover cost increases related to operations and maintenance, but not to exceed 10% per year.

Five-year Periodic Pass-through Rate Increases or Decreases from District Wholesalers - All District water rates, charges and fees are subject to periodic rate changes from the District's public agency wholesalers for a five-year period beginning January 1, 2014 through December 31, 2018.

A. Set-up Fees for Accounts A set-up fee shall be charged for each account transferred to another customer. See Appendix A, 25.03 A. for charges. A deposit will be required of all customers who do not own the property to be served. See Appendix A, 25.04 A. for deposit amounts.

B. Monthly Fixed MWD & CWA Charges Each potable water service customer shall pay a monthly MWD and CWA fixed system charge, as set forth in Appendix A, 25.03 C. Proceeds of the charge will be used to pay for operating and maintenance costs, including the following: MWD Readiness-to-Serve Charge and Capacity Reservation Charge; CWA Infrastructure Access Charge, Customer Service Charge, ~~and~~ Emergency Storage Charge, and Supply Reliability Charge.

The MWD & CWA charge is based on the size of the water meter(s) in service with the exception of upsizing the meter for individually metered residential fire service, as described in Section 38.03 of the Code. The MWD & CWA charge shall start upon installation of the meter.

- C. Monthly Fixed System Charges Each water service customer shall pay a monthly fixed system charge, as set forth in Appendix A, 25.03 C. Proceeds of the charge will be used to pay for water system replacement, maintenance, and operation expenses. The system charge is based on the size of the water meter(s) in service. For individually metered residential fire service, as outlined in Section 38.03 of the Code, the size and fee would be set based on water use requirements without additional fire capacity. The system charge shall start upon installation of the meter
- D. Water Conservation Drought Pricing To promote conservation, base tiered water rates for all water services are subject to percentage increases during drought stages, as shown in the table below:

	<b>Drought Stage Pricing</b>		
	<b>Stage 2</b>	<b>Stage 3</b>	<b>Stage 4</b>
Tier 1*	0%	0%	0%
Tier 2	Up to 5%	Up to 10%	Up to 15%
Tier 3	Up to 30%	Up to 60%	Up to 90%

\*Domestic residential water service has four tiered base rates as outlined in Appendix A, 25.03 E.1.(b). Tier 1 of the above table applies to the first two tiered base rates. Tier 2 of the above table applies to the third tiered base rate. Tier 3 of the above table applies to the fourth tiered base rate.

- E. Categories of Water Service The definitions and rates and charges for water service furnished by the District shall be as follows:

1. DOMESTIC RESIDENTIAL WATER

- (a) Defined as: Water service for single residential and individually metered attached households as well as other domestic uses (other than that provided for in Paragraph 2 below).
- (b) Base Rate: The tiered base rates of water furnished under this category shall be set forth in Appendix A, 25.03 E.1.(b).

The tiered base rates for this category of service are subject to the increased drought pricing outlined in Section 25.03 D.

2. MULTIPLE RESIDENTIAL WATER

(a) Defined as: Master metered water service for multiple residential households, for example, duplexes, townhomes, apartments and mobile homes.

(b) Base Rate: The tiered base rates of water furnished for each dwelling unit under each block of service in this category shall be as set forth in Appendix A, 25.03 E.2.(b).

The tiered base rates for this category of service are subject to the increased drought pricing outlined in Section 25.03 D.

3. BUSINESS AND PUBLICLY-OWNED WATER

(a) Defined as: Potable water service for commercial, industrial and publicly-owned establishments.

(b) Base Rate: The tiered base rate for water furnished under this category shall be determined by meter size and usage block as set forth in Appendix A, 25.03 E.3.(b).

The tiered base rates for this category of service are subject to the increased drought pricing outlined in Section 25.03 D.

4. IRRIGATION AND COMMERCIAL AGRICULTURAL USING POTABLE WATER

(a) Irrigation is potable water service provided solely for irrigation of landscape or landscaping, as defined in Section 0.02 A.

(b) Commercial agricultural engaged in the growing or raising of live stock, in conformity with recognized practices of husbandry, for the purpose of commerce, trade or industry, or for the use by public educational or correctional institutions or agricultural horticultural or floricultural products and produced,

(i) for human consumption or for the market, or

(ii) for the feeding of fowl or livestock produced for human consumption or for the market, or

(iii) for feeding fowl or livestock for the purpose of obtaining their products for human consumption or for the market, such products to be grown or raised on a parcel of land having an area of not less than one acre utilized exclusively therefore.

(c) Base Rate: The tiered base rate for water furnished under this category shall be determined by meter size and usage block as set forth in Appendix A, 25.03 E.4.(c).

The tiered base rates for this category of service are subject to the increased drought pricing outlined in Section 25.03 D.

5. RECYCLED WATER - LANDSCAPE IRRIGATION AND CERTAIN NON-IRRIGATION PURPOSES

(a) Defined as: Non-potable and recycled water service provided for irrigation of landscaping, as defined in Section 0.02 A. of the Code, and certain non-irrigation purposes, other than domestic use, in compliance with federal, state and local laws and regulations regarding use of recycled water.

(b) The provisions of this Code, relating to use of recycled water, set forth in Section 26 of the Code, including but not limited to cross-connections and backflow protective devices, shall be strictly enforced in connection with the use of recycled water.

(c) Base Rate: The tiered base rate for water furnished under this category shall be determined by meter size and usage block as set forth in Appendix A, 25.03 E.5.(c).

The tiered base rates for this category of service are subject to the increased drought pricing outlined in Section 25.03 D.

(d) Monthly system charge: The monthly system charge for recycled water service is set forth in Appendix A, 25.03 C.

6. RECYCLED WATER - COMMERCIAL

(a) Defined as: Non-potable and recycled water service provided for commercial customers, as defined in Section 0.02 A. of the Code, and certain non-irrigation purposes, other than domestic use, in compliance with federal, state and local laws and regulations regarding use of recycled water.

- (b) The provisions of this Code, relating to use of recycled water, set forth in Section 26 of the Code, including but not limited to cross-connections and backflow protective devices, shall be strictly enforced in connection with the use of recycled water.
- (c) Base Rate: The tiered base rate for water furnished under this category shall be determined by meter size and usage block as set forth in Appendix A, 25.03 E.6.(c).  
  
The tiered base rates for this category of service are subject to the increased drought pricing outlined in Section 25.03 D.
- (d) Monthly system charge: The monthly system charge for recycled commercial water service is set forth in Appendix A, 25.03 C.

7. POTABLE TEMPORARY AND CONSTRUCTION WATER SERVICE

- (a) Defined as: Potable water service provided by the District on a temporary basis, pursuant to Section 31 of this Code.
- (b) If capacity fees have not been paid by the customer, the rates for water furnished under this category is set forth in Appendix A, 25.03 E.7.(b).
- (c) If the customer has paid capacity and annexation fees, the base rate for water furnished under this category shall be the base rate charged customers in the same category of service on a permanent meter basis.
- (d) The tiered base rates for this category of service are subject to the increased drought pricing outlined in Section 25.03 D.
- (e) The applicable monthly system and MWD & CWA charge shall be the same rates charged to customers in the same category of service on a permanent meter basis per Appendix A, 25.03 C.

8. RECYCLED TEMPORARY AND CONSTRUCTION WATER SERVICE

- (a) Defined as: Recycled water service provided by the District on a temporary basis, pursuant to Section 31 of this Code.
- (b) If capacity fees have not been paid by the customer, the rates for water furnished under this category is set forth in Appendix A, 25.03 E.8(b).

- (c) If the customer has paid capacity and annexation fees, the base rate for water furnished under this category shall be the base rate charged customers in the same category of service on a permanent meter basis.
- (d) The tiered base rates for this category of service are subject to the increased drought pricing outlined in Section 25.03 D.
- (e) The applicable monthly system charge shall be the same rates charged to customers in the same category of service on a permanent meter basis per Appendix A, 25.03 C.

9. WATER SERVICE UNDER SPECIAL AGREEMENTS

- (a) Defined as: Water service provided under express agreements approved by the Board of Directors for service to golf courses and other entities, which service may be curtailed or interrupted by the District under conditions provided in such agreements.
- (b) For water service under this category the base rate shall be determined on a case-by-case basis.

Unless otherwise specified in the particular agreement, the tiered base rates for this category of service are subject to the increased drought pricing outlined in Section 25.03 D.

10. TANK TRUCKS

- (a) Defined as: Water service provided for the filling of tanks on motor vehicles transporting water used for other than earth grading purposes, which service shall be made only through a portable meter issued by the District to a customer specifically for use in accordance with the provisions herein for such service.
- (b) The rate for metered water furnished under this category is reflected in Appendix A, 25.03 E.10. (b), plus a monthly system charge at the rate set forth in Appendix A, 25.03 C.

The tiered base rates for this category of service are subject to the increased drought pricing outlined in Section 25.03 D.

- (c) Requirements for Use of Water Meter
  - (1) To receive such service, the customer must make a deposit for the use a water meter

furnished by the District. The fee is set forth in Appendix A, 31.03 A.1.

- (2) Upon termination of the service, the District will refund the amount of deposit remaining after making the following deductions:
  - (i) Cost of repairing or replacing the meter, fire hydrant and/or any fittings damaged or lost while in use; and
  - (ii) Unpaid charges for water or other applicable charges.
- (3) Prior to the end of each six month period following issuance of a meter under this section, or at the request of the District, whichever is earlier, the customer shall return the meter to the District for inspection, repair, or calibration as deemed necessary by the District.
- (4) Payment for water service under this category shall be made as follows:
  - (i) The bill shall be based on the amount of water actually used, which shall be determined by the District's reading of the meter or by a report made by the customer to the District in the manner prescribed by the District.
  - (ii) Where the actual amount of water used cannot be determined as provided in (i), the District will issue a bill based on a District estimate of the amount of water used, as determined by the District. Such estimates shall be reconciled with actual amounts used when the customer returns the meter to the District as provided in paragraph 3 above.
  - (iii) Payments shall be made as specified on the bill.

11. WATER SERVICE OUTSIDE DISTRICT

- (a) Defined as: Water service for real property outside the service area of the District.
- (b) This service will be provided only upon prior approval of the General Manager when there is a surplus of water over and above the existing

needs for service in the District. This service is temporary and may be terminated upon written notice from the District. Customers for this service are sometimes referred to as "outside users."

- (c) Customers applying for this category of service shall pay an application fee as set forth in Appendix A, 25.03 E.11.(c).
- (d) The rate for metered water furnished under this category shall be charged the rate as described in Appendix A, 25.03 E.11.(d), plus a monthly system charge at the rate set forth in Appendix A, 25.03 C.

The tiered base rates for this category of service are subject to the increased drought pricing outlined in Section 25.03 D.

- (e) Customers requesting only fire service or a fire hydrant under this category shall be charged a capacity fee based on one (1) EDU for a permanent meter in the improvement district from which the fire service derives its flow, plus a monthly system charge at the rate set forth in Appendix A, 25.03 E.13.(c).

12. WATER SERVICE OUTSIDE AN IMPROVEMENT DISTRICT

- (a) Defined as: Water service for property located within the boundaries of the District, but not within a water improvement district. Customers for this service are sometimes referred to as "outside users."
- (b) Customers applying for this service shall pay an application fee as set forth in Appendix A, 25.03 E.12.(b). The District will review the application to determine whether the land to be served should be annexed to an improvement district. If it is determined that annexation is not practical, the Board of Directors may authorize service as an outside user. This service will be reviewed periodically until it is determined that the property must be annexed to an improvement district or that service must be terminated.
- (c) The rate for metered water furnished under this category is as set forth in Appendix A, 25.03 E.12.(c), plus a monthly system charge as set forth in Appendix A, 25.03.C.

The tiered base rates for this category of service are subject to the increased drought pricing outlined in Section 25.03 D.

- (d) Upon approval of the Board of Directors, a customer, who has paid all construction costs for facilities necessary to serve the customer's property in lieu of annexation to a water improvement district, shall be exempt from the provision for this category of service.

13. SERVICE FOR FIRE PROTECTION

- (a) Defined as: Water service provided by the District solely to feed fire hydrants or fire sprinkler systems from lines or laterals connected to District water mains.
- (b) The District will not make a charge for the quantity of water used for fire protection purposes.
- (c) The monthly system charge for this category of service is set forth in Appendix A, 25.03 E.13.(c) for each connection to a District water main made for fire protection service.

14. WATER SERVICE TO PROPERTY NOT SUBJECT TO DISTRICT TAXES

- (a) Pursuant to Section 71613 of the California Water Code, the District may furnish water to property, not subject to District taxes, at special rates, terms and conditions as are determined by the Board of Directors for such service. Such rates, terms and conditions shall be uniformly applied to like classes and conditions of service in the same improvement district or geographical area.
- (b) Customers in this category, such as publicly-owned establishments, shall pay an additional fee as outlined in Appendix A, 25.03 E.14.(b).

15. INTERIM WATER SERVICE IN IMPROVEMENT DISTRICT 7

- (a) Definition of Interim Service. This is water Service furnished to a customer in Improvement District 7 (ID 7) for temporary use.
- (b) Rates for Interim Service. Customers applying for interim service in ID 7 shall not be required to pay the ID 7 water capacity fee and San Diego

County Water Authority fee, as required under Section 2801 of this Code. The water rate is set forth in Appendix A, 25.03 E.15.(b).

- (c) Conversion to Permanent Service. At such time as use expires, the customer shall be required to pay all fees in effect at the time the permanent use is implemented.

F. Energy Charges for Pumping Water

In addition to water rates and other charges provided for in this Section 25.03, customers shall be charged an energy pumping charge based on the quantity of water used and the elevation to which the water has been lifted to provide service. The energy pumping charge shall be made at the rate set forth in Appendix A, 25.03 F.

25.04 DEPOSITS BY LESSEES OR NON-OWNERS OF PROPERTY

8. RECYCLED TEMPORARY AND CONSTRUCTION WATER SERVICE

- (a) Defined as: Recycled water service provided by the District on a temporary basis, pursuant to Section 31 of this Code.
- (b) If capacity fees have not been paid by the customer, the rates for water furnished under this category is set forth in Appendix A, 25.03 E.8(b).
- (c) If the customer has paid capacity and annexation fees, the base rate for water furnished under this category shall be the base rate charged customers in the same category of service on a permanent meter basis.
- (d) The tiered base rates for this category of service are subject to the increased drought pricing outlined in Section 25.03 D.
- (e) The applicable monthly system charge shall be the same rates charged to customers in the same category of service on a permanent meter basis per Appendix A, 25.03 C.

A. AMOUNT OF DEPOSIT

The customer's deposit shall be applied to reduce or satisfy any delinquent payment or other amount due the District at the time of termination of water service to the customer. Any portion of the deposit remaining, after

satisfaction of the amount due, shall be refunded to the customer that made the deposit.

The deposits listed above may be waived for a new residential applicant where the applicant demonstrates credit worthiness based upon prior utility payments or a non-delinquent water account for one year or other similar evidence of credit.

B. REFUND OF DEPOSIT

Where funds have been on deposit for twelve months in a domestic service account and there has been no more than one delinquent payment on that account during that period, the District will apply a credit to the water account in the amount of the deposit.

C. LETTER OF CREDIT

A letter of credit, in a form approved by the General Manager or Department Head of Finance, may be submitted to the District to satisfy the deposit requirements.

25.05 SERVICE TO SUBSEQUENT CUSTOMERS

After a water meter has been installed for a customer and all fees and charges have been paid, water service may be furnished to a subsequent customer through the water meter installed without payment of further charges, except for the set-up fee for transferred accounts, payment of delinquent charges for the applicant's service or other deposits that may be required by this Code.

## SECTION 25

CONDITIONS FOR WATER SERVICE25.01 SERVICE AREA

Water service shall be furnished by the District only to property within (annexed to) a water improvement district within the District's service area. Water service to property located outside an improvement district may be furnished only upon prior approval of the Board of Directors. Temporary water service to property located outside an improvement district may be furnished, in accordance with Section 25.03 E.12., upon the approval of the General Manager.

25.02 DEFINITION OF "HCF" AND "UNIT OF WATER"

As used in the Code the terms "HCF" and "unit of water" are interchangeable and each shall mean 100 cubic feet or 748 gallons of water.

25.03 DEFINITIONS OF WATER SERVICE CATAGORIES, WATER RATES, CHARGES AND FEES

Water service furnished by the District shall be under the categories of services and at the rates, charges and fees as set forth in Appendix A, Section 25.

All District water rates, charges and fees are subject to Board approval of rate increases beginning January 1, 2014 and periodically thereafter through December 31, 2018. The increases shall be the amount sufficient to cover cost increases related to operations and maintenance, but not to exceed 10% per year.

Five-year Periodic Pass-through Rate Increases or Decreases from District Wholesalers - All District water rates, charges and fees are subject to periodic rate changes from the District's public agency wholesalers for a five-year period beginning January 1, 2014 through December 31, 2018.

A. Set-up Fees for Accounts A set-up fee shall be charged for each account transferred to another customer. See Appendix A, 25.03 A. for charges. A deposit will be required of all customers who do not own the property to be served. See Appendix A, 25.04 A. for deposit amounts.

B. Monthly Fixed MWD & CWA Charges Each potable water service customer shall pay a monthly MWD and CWA fixed system charge, as set forth in Appendix A, 25.03 C. Proceeds of the charge will be used to pay for operating and maintenance costs, including the following: MWD Readiness-to-Serve Charge and Capacity Reservation Charge; CWA Infrastructure Access Charge, Customer Service Charge, Emergency Storage Charge, and Supply Reliability Charge.

The MWD & CWA charge is based on the size of the water meter(s) in service with the exception of upsizing the meter for individually metered residential fire service, as described in Section 38.03 of the Code. The MWD & CWA charge shall start upon installation of the meter.

- C. Monthly Fixed System Charges Each water service customer shall pay a monthly fixed system charge, as set forth in Appendix A, 25.03 C. Proceeds of the charge will be used to pay for water system replacement, maintenance, and operation expenses. The system charge is based on the size of the water meter(s) in service. For individually metered residential fire service, as outlined in Section 38.03 of the Code, the size and fee would be set based on water use requirements without additional fire capacity. The system charge shall start upon installation of the meter
- D. Water Conservation Drought Pricing To promote conservation, base tiered water rates for all water services are subject to percentage increases during drought stages, as shown in the table below:

	<b>Drought Stage Pricing</b>		
	<b>Stage 2</b>	<b>Stage 3</b>	<b>Stage 4</b>
Tier 1*	0%	0%	0%
Tier 2	Up to 5%	Up to 10%	Up to 15%
Tier 3	Up to 30%	Up to 60%	Up to 90%

\*Domestic residential water service has four tiered base rates as outlined in Appendix A, 25.03 E.1.(b). Tier 1 of the above table applies to the first two tiered base rates. Tier 2 of the above table applies to the third tiered base rate. Tier 3 of the above table applies to the fourth tiered base rate.

- E. Categories of Water Service The definitions and rates and charges for water service furnished by the District shall be as follows:

1. DOMESTIC RESIDENTIAL WATER

- (a) Defined as: Water service for single residential and individually metered attached households as well as other domestic uses (other than that provided for in Paragraph 2 below).
- (b) Base Rate: The tiered base rates of water furnished under this category shall be set forth in Appendix A, 25.03 E.1.(b).

The tiered base rates for this category of service are subject to the increased drought pricing outlined in Section 25.03 D.

2. MULTIPLE RESIDENTIAL WATER

(a) Defined as: Master metered water service for multiple residential households, for example, duplexes, townhomes, apartments and mobile homes.

(b) Base Rate: The tiered base rates of water furnished for each dwelling unit under each block of service in this category shall be as set forth in Appendix A, 25.03 E.2.(b).

The tiered base rates for this category of service are subject to the increased drought pricing outlined in Section 25.03 D.

3. BUSINESS AND PUBLICLY-OWNED WATER

(a) Defined as: Potable water service for commercial, industrial and publicly-owned establishments.

(b) Base Rate: The tiered base rate for water furnished under this category shall be determined by meter size and usage block as set forth in Appendix A, 25.03 E.3.(b).

The tiered base rates for this category of service are subject to the increased drought pricing outlined in Section 25.03 D.

4. IRRIGATION AND COMMERCIAL AGRICULTURAL USING POTABLE WATER

(a) Irrigation is potable water service provided solely for irrigation of landscape or landscaping, as defined in Section 0.02 A.

(b) Commercial agricultural engaged in the growing or raising of live stock, in conformity with recognized practices of husbandry, for the purpose of commerce, trade or industry, or for the use by public educational or correctional institutions or agricultural horticultural or floricultural products and produced,

(i) for human consumption or for the market, or

(ii) for the feeding of fowl or livestock produced for human consumption or for the market, or

(iii) for feeding fowl or livestock for the purpose of obtaining their products for human consumption or for the market, such products to be grown or raised on a parcel of land having an area of not less than one acre utilized exclusively therefore.

(c) Base Rate: The tiered base rate for water furnished under this category shall be determined by meter size and usage block as set forth in Appendix A, 25.03 E.4.(c).

The tiered base rates for this category of service are subject to the increased drought pricing outlined in Section 25.03 D.

5. RECYCLED WATER - LANDSCAPE IRRIGATION AND CERTAIN NON-IRRIGATION PURPOSES

(a) Defined as: Non-potable and recycled water service provided for irrigation of landscaping, as defined in Section 0.02 A. of the Code, and certain non-irrigation purposes, other than domestic use, in compliance with federal, state and local laws and regulations regarding use of recycled water.

(b) The provisions of this Code, relating to use of recycled water, set forth in Section 26 of the Code, including but not limited to cross-connections and backflow protective devices, shall be strictly enforced in connection with the use of recycled water.

(c) Base Rate: The tiered base rate for water furnished under this category shall be determined by meter size and usage block as set forth in Appendix A, 25.03 E.5.(c).

The tiered base rates for this category of service are subject to the increased drought pricing outlined in Section 25.03 D.

(d) Monthly system charge: The monthly system charge for recycled water service is set forth in Appendix A, 25.03 C.

6. RECYCLED WATER - COMMERCIAL

(a) Defined as: Non-potable and recycled water service provided for commercial customers, as defined in Section 0.02 A. of the Code, and certain non-irrigation purposes, other than domestic use, in compliance with federal, state and local laws and regulations regarding use of recycled water.

- (b) The provisions of this Code, relating to use of recycled water, set forth in Section 26 of the Code, including but not limited to cross-connections and backflow protective devices, shall be strictly enforced in connection with the use of recycled water.
- (c) Base Rate: The tiered base rate for water furnished under this category shall be determined by meter size and usage block as set forth in Appendix A, 25.03 E.6.(c).  
  
The tiered base rates for this category of service are subject to the increased drought pricing outlined in Section 25.03 D.
- (d) Monthly system charge: The monthly system charge for recycled commercial water service is set forth in Appendix A, 25.03 C.

7. POTABLE TEMPORARY AND CONSTRUCTION WATER SERVICE

- (a) Defined as: Potable water service provided by the District on a temporary basis, pursuant to Section 31 of this Code.
- (b) If capacity fees have not been paid by the customer, the rates for water furnished under this category is set forth in Appendix A, 25.03 E.7.(b).
- (c) If the customer has paid capacity and annexation fees, the base rate for water furnished under this category shall be the base rate charged customers in the same category of service on a permanent meter basis.
- (d) The tiered base rates for this category of service are subject to the increased drought pricing outlined in Section 25.03 D.
- (e) The applicable monthly system and MWD & CWA charge shall be the same rates charged to customers in the same category of service on a permanent meter basis per Appendix A, 25.03 C.

8. RECYCLED TEMPORARY AND CONSTRUCTION WATER SERVICE

- (a) Defined as: Recycled water service provided by the District on a temporary basis, pursuant to Section 31 of this Code.
- (b) If capacity fees have not been paid by the customer, the rates for water furnished under this category is set forth in Appendix A, 25.03 E.8(b).

- (c) If the customer has paid capacity and annexation fees, the base rate for water furnished under this category shall be the base rate charged customers in the same category of service on a permanent meter basis.
- (d) The tiered base rates for this category of service are subject to the increased drought pricing outlined in Section 25.03 D.
- (e) The applicable monthly system charge shall be the same rates charged to customers in the same category of service on a permanent meter basis per Appendix A, 25.03 C.

9. WATER SERVICE UNDER SPECIAL AGREEMENTS

- (a) Defined as: Water service provided under express agreements approved by the Board of Directors for service to golf courses and other entities, which service may be curtailed or interrupted by the District under conditions provided in such agreements.
- (b) For water service under this category the base rate shall be determined on a case-by-case basis.

Unless otherwise specified in the particular agreement, the tiered base rates for this category of service are subject to the increased drought pricing outlined in Section 25.03 D.

10. TANK TRUCKS

- (a) Defined as: Water service provided for the filling of tanks on motor vehicles transporting water used for other than earth grading purposes, which service shall be made only through a portable meter issued by the District to a customer specifically for use in accordance with the provisions herein for such service.
- (b) The rate for metered water furnished under this category is reflected in Appendix A, 25.03 E.10. (b), plus a monthly system charge at the rate set forth in Appendix A, 25.03 C.

The tiered base rates for this category of service are subject to the increased drought pricing outlined in Section 25.03 D.

- (c) Requirements for Use of Water Meter
  - (1) To receive such service, the customer must make a deposit for the use a water meter

furnished by the District. The fee is set forth in Appendix A, 31.03 A.1.

- (2) Upon termination of the service, the District will refund the amount of deposit remaining after making the following deductions:
  - (i) Cost of repairing or replacing the meter, fire hydrant and/or any fittings damaged or lost while in use; and
  - (ii) Unpaid charges for water or other applicable charges.
- (3) Prior to the end of each six month period following issuance of a meter under this section, or at the request of the District, whichever is earlier, the customer shall return the meter to the District for inspection, repair, or calibration as deemed necessary by the District.
- (4) Payment for water service under this category shall be made as follows:
  - (i) The bill shall be based on the amount of water actually used, which shall be determined by the District's reading of the meter or by a report made by the customer to the District in the manner prescribed by the District.
  - (ii) Where the actual amount of water used cannot be determined as provided in (i), the District will issue a bill based on a District estimate of the amount of water used, as determined by the District. Such estimates shall be reconciled with actual amounts used when the customer returns the meter to the District as provided in paragraph 3 above.
  - (iii) Payments shall be made as specified on the bill.

11. WATER SERVICE OUTSIDE DISTRICT

- (a) Defined as: Water service for real property outside the service area of the District.
- (b) This service will be provided only upon prior approval of the General Manager when there is a surplus of water over and above the existing

needs for service in the District. This service is temporary and may be terminated upon written notice from the District. Customers for this service are sometimes referred to as "outside users."

- (c) Customers applying for this category of service shall pay an application fee as set forth in Appendix A, 25.03 E.11.(c).
- (d) The rate for metered water furnished under this category shall be charged the rate as described in Appendix A, 25.03 E.11.(d), plus a monthly system charge at the rate set forth in Appendix A, 25.03 C.

The tiered base rates for this category of service are subject to the increased drought pricing outlined in Section 25.03 D.

- (e) Customers requesting only fire service or a fire hydrant under this category shall be charged a capacity fee based on one (1) EDU for a permanent meter in the improvement district from which the fire service derives its flow, plus a monthly system charge at the rate set forth in Appendix A, 25.03 E.13.(c).

12. WATER SERVICE OUTSIDE AN IMPROVEMENT DISTRICT

- (a) Defined as: Water service for property located within the boundaries of the District, but not within a water improvement district. Customers for this service are sometimes referred to as "outside users."
- (b) Customers applying for this service shall pay an application fee as set forth in Appendix A, 25.03 E.12.(b). The District will review the application to determine whether the land to be served should be annexed to an improvement district. If it is determined that annexation is not practical, the Board of Directors may authorize service as an outside user. This service will be reviewed periodically until it is determined that the property must be annexed to an improvement district or that service must be terminated.
- (c) The rate for metered water furnished under this category is as set forth in Appendix A, 25.03 E.12.(c), plus a monthly system charge as set forth in Appendix A, 25.03.C.

The tiered base rates for this category of service are subject to the increased drought pricing outlined in Section 25.03 D.

- (d) Upon approval of the Board of Directors, a customer, who has paid all construction costs for facilities necessary to serve the customer's property in lieu of annexation to a water improvement district, shall be exempt from the provision for this category of service.

13. SERVICE FOR FIRE PROTECTION

- (a) Defined as: Water service provided by the District solely to feed fire hydrants or fire sprinkler systems from lines or laterals connected to District water mains.
- (b) The District will not make a charge for the quantity of water used for fire protection purposes.
- (c) The monthly system charge for this category of service is set forth in Appendix A, 25.03 E.13.(c) for each connection to a District water main made for fire protection service.

14. WATER SERVICE TO PROPERTY NOT SUBJECT TO DISTRICT TAXES

- (a) Pursuant to Section 71613 of the California Water Code, the District may furnish water to property, not subject to District taxes, at special rates, terms and conditions as are determined by the Board of Directors for such service. Such rates, terms and conditions shall be uniformly applied to like classes and conditions of service in the same improvement district or geographical area.
- (b) Customers in this category, such as publicly-owned establishments, shall pay an additional fee as outlined in Appendix A, 25.03 E.14.(b).

15. INTERIM WATER SERVICE IN IMPROVEMENT DISTRICT 7

- (a) Definition of Interim Service. This is water Service furnished to a customer in Improvement District 7 (ID 7) for temporary use.
- (b) Rates for Interim Service. Customers applying for interim service in ID 7 shall not be required to pay the ID 7 water capacity fee and San Diego

County Water Authority fee, as required under Section 2801 of this Code. The water rate is set forth in Appendix A, 25.03 E.15.(b).

- (c) Conversion to Permanent Service. At such time as use expires, the customer shall be required to pay all fees in effect at the time the permanent use is implemented.

F. Energy Charges for Pumping Water

In addition to water rates and other charges provided for in this Section 25.03, customers shall be charged an energy pumping charge based on the quantity of water used and the elevation to which the water has been lifted to provide service. The energy pumping charge shall be made at the rate set forth in Appendix A, 25.03 F.

25.04 DEPOSITS BY LESSEES OR NON-OWNERS OF PROPERTY

8. RECYCLED TEMPORARY AND CONSTRUCTION WATER SERVICE

- (a) Defined as: Recycled water service provided by the District on a temporary basis, pursuant to Section 31 of this Code.
- (b) If capacity fees have not been paid by the customer, the rates for water furnished under this category is set forth in Appendix A, 25.03 E.8(b).
- (c) If the customer has paid capacity and annexation fees, the base rate for water furnished under this category shall be the base rate charged customers in the same category of service on a permanent meter basis.
- (d) The tiered base rates for this category of service are subject to the increased drought pricing outlined in Section 25.03 D.
- (e) The applicable monthly system charge shall be the same rates charged to customers in the same category of service on a permanent meter basis per Appendix A, 25.03 C.

A. AMOUNT OF DEPOSIT

The customer's deposit shall be applied to reduce or satisfy any delinquent payment or other amount due the District at the time of termination of water service to the customer. Any portion of the deposit remaining, after

satisfaction of the amount due, shall be refunded to the customer that made the deposit.

The deposits listed above may be waived for a new residential applicant where the applicant demonstrates credit worthiness based upon prior utility payments or a non-delinquent water account for one year or other similar evidence of credit.

B. REFUND OF DEPOSIT

Where funds have been on deposit for twelve months in a domestic service account and there has been no more than one delinquent payment on that account during that period, the District will apply a credit to the water account in the amount of the deposit.

C. LETTER OF CREDIT

A letter of credit, in a form approved by the General Manager or Department Head of Finance, may be submitted to the District to satisfy the deposit requirements.

25.05 SERVICE TO SUBSEQUENT CUSTOMERS

After a water meter has been installed for a customer and all fees and charges have been paid, water service may be furnished to a subsequent customer through the water meter installed without payment of further charges, except for the set-up fee for transferred accounts, payment of delinquent charges for the applicant's service or other deposits that may be required by this Code.

SECTION 53      CONDITIONS FOR SEWER SERVICE53.01 CONDITIONS FOR ACQUISITION OF SEWER SERVICE CAPACITY

Sewer service capacity may be acquired only for service to a specific address, parcel of land, or a land development project covered by an approved map. An approved map shall mean a recorded final map, a recorded parcel map or a tentative subdivision map that has been approved by the County or by a City, as applicable.

- A. District Acceptance of Sewer Facilities for Russell Square Area - Under an Agreement with Cal Dorado Development, Inc., dated June 28, 1981, the District accepted title to a sewer pump station, force main and appurtenances for a sewage system to provide sewer service to the residential dwelling units to be constructed within the parcels of land in San Diego County Tentative Parcel Map 17150. Under an Agreement with Cal Dorado Development, Inc., dated June 18, 1981, the District agreed to provide service to such parcels on the terms and conditions contained therein. On October 1, 1984, pursuant to Resolution No. 2139, the District Board of Directors accepted title to the facilities.

53.02 SERVICE AREAS

Sewer service shall be furnished by the District only to property located in Improvement District ~~No. 14 (ID 14), Improvement District No. 18 (ID 18), and Assessment District No. 4 (AD 4)~~, and the Russell Square Sewer Service Area. Sewer service to property located outside such areas may be furnished only upon annexation to ID 18 and payment of all applicable annexation fees. (Appendix A, Section 9)

- A. Designation of Russell Square Sewer Area - The geographical area described on the District Map entitled "Russell Square Sewer Service Area," dated October 11, 1988, on file with the District Secretary, constitutes the Russell Square Sewer Service Area.

53.03 ACQUISITION OF SEWER CONNECTIONS FOR SERVICEID 14, ID 18 and AD 4

Effective October 1, 2014 two separate sewer capacity fees have been established to ensure sewer customers do not pay for facilities twice. The first capacity fee applies to parcels within an ID that paid prior tax debt. The second capacity fee applies parcels outside an ID that have not paid the tax debt. The sewer capacity fees shall constitute the "base rate." For fees or charges after October 1, 2014, the base rate shall be adjusted quarterly for fluctuations in construction costs, as measured by the

*Engineering News Record Construction Cost Index for the Los Angeles Region.* The ENR Construction Cost Index of 10,739.43(as of June 1, 2014) shall be deemed the "base index." The adjustment shall be in an amount equal to the percentage change in the ENR Construction Cost Index from the base index for the period from June 1, 2014 to the date of payment.

1. Sewer Capacity Fee within an ID

All new sewer connections for parcels within a sewer ID shall pay a capacity fee for each Equivalent Dwelling Unit (EDU) of sewer service provided. The capacity fee is due at the time an application for sewer service is requested. The number of EDUs for the connection shall be as set forth in Section 53.08 of the Code. (See Appendix A, Section 53 for fees)

2. Sewer Capacity Fee outside an ID

All new sewer connections for parcels not within a sewer ID (requiring to be annexed into a sewer ID18 per code Section 9.04 C.) shall pay a capacity fee for each Equivalent Dwelling Unit (EDU) of sewer service provided. The capacity fee is due at the time an application for sewer service is requested. The number of EDUs for the connection shall be as set forth in Section 53.08 of the Code. (See Appendix A, Section 53 for fees)

B. Russell Square Pump Station

1. Sewer Connection Fee

A connection fee (see Appendix A, section 53 for fee) for each Equivalent Dwelling Unit (EDU) of sewer service provided through Russell Square Pump Station shall be collected. The connection fee is due at the time an application for sewer service is submitted. The number of EDUs for the connection shall be as set forth in Section 53.08 of the Code.

- (a) Exempt Parcels - The connection fee shall not apply to connections for sewer service to the parcels within the Tentative Parcel Map 17150. Such exempt parcels are currently identified as Assessor Parcel Nos. 497-011-41, 497-011-42, 497-011-44, 497-011-46 and 497-011-47.

2. Monthly Sewer Service Charge

A monthly sewer service charge (see Appendix A, Section 53 for charge) to cover normal operational

costs of the Russell Square Pump Station and force mains shall be collected. This charge shall be reviewed by the Board of Directors from time to time to assure that such charges cover the costs for operation of the sewer facilities.

The proceeds of the fees and charges received by the District under 53.03 B.1 and 53.03 B.2 shall be used by the District solely for maintenance, replacement or repair under 53.03 B.1 and for the operation of the facilities under 53.03 B.2.

In addition, the customer for such service shall pay the monthly service charge for sewer service set forth in Section 53.10 A and B.

#### 53.04 CHARGES FOR INSTALLATION OF SEWER LATERALS

Upon application for construction of one or more sewer laterals, the customer shall deposit with the District the estimated costs to be incurred by the District in connection with the installation of the facilities required, as determined by the District. Upon completion of the work, the District shall calculate the actual costs incurred by the District in performing the work. If actual costs are less than the amount deposited, the District shall refund the balance of the deposit to the customer. If actual costs exceed the amount deposited, the customer shall reimburse the District for the additional costs.

#### 53.05 PAYMENT OF FEES

All fees prescribed in the Code shall become owing, due and payable at the time application is made to connect a premise to the sewer system of the District. The fees shall be paid to the District prior to the issuance of any permit authorizing the connection of such premise to the District sewer system. If the proposed connection cannot be made, the fee may be refunded when approved by the General Manager.

#### 53.06 SEWER SERVICE USE CHANGES RESULTING IN INCREASED SYSTEM UTILIZATION

The use of a sewer connection shall be limited to the type and number of EDUs authorized by the original wastewater discharge permit. Before adding any additional equivalent dwelling units, buildings, modifying existing buildings, or change of occupancy type, the property owner shall make a supplementary wastewater permit application to the District for such change in use and pay additional sewer annexation fees per EDU, if necessary, as may be applicable. Periodic inspection of the premises may be made by the District and if actual use is greater than estimated use, an assessment for additional annexation fees shall be

assessed in accordance with the fee schedule in the then current Code of Ordinances.

53.07 WASTEWATER DISCHARGE PERMIT ISSUANCE AND LIMITATION

- A. A wastewater discharge permit shall be required for any property for which a request is made to discharge into the District sewage system.
- B. Every wastewater discharge permit shall expire by limitations and shall become null and void, if the construction or work authorized by such permit is not commenced within 120 days from date of issuance of such wastewater discharge permit or if the construction or work authorized by such wastewater discharge permit is suspended or abandoned for a period of 120 days at any time after the work is commenced.
- C. Before such work can be recommenced, a new wastewater discharge permit application must be filed with the District. The District may reactivate the previous wastewater discharge permit provided that wastewater quantity and type is the same as the wastewater discharge allowed under the original permit, and provided further that such suspension and abandonment has not exceeded one year. Fees paid for the previous wastewater discharge permit may be credited toward the total permit fees required on the new permit application. Reactivation of the previous wastewater discharge permit shall be subject to District sewer capacity being available at the time of new application and subject to any additional costs or charges imposed during the period of such suspension or abandonment.

53.08 BASIS FOR DETERMINATION OF EQUIVALENT DWELLING UNITS (EDUs)

The number of EDUs for sewer service shall be determined on the following basis:

A. Residential Facilities

EDUs	Description
1	<ul style="list-style-type: none"><li>▪ Single-family residence (Includes manufactured homes and mobile homes which are on private lots.)</li><li>▪ A secondary structure with a kitchen is considered an additional EDU</li><li>▪ Each individual living unit in apartments, multiple family housing and residential condominiums</li><li>▪ Each individual space in mobile homes and trailer parks</li></ul>

B. Commercial/Industrial Facilities

1. Food Service Establishments

EDUs	Description
3	<ul style="list-style-type: none"> <li>▪ Take-out restaurants with disposable utensils, no dishwasher and no public restrooms</li> <li>▪ Take-out restaurants with disposable utensils, no dishwasher and no public restrooms</li> <li>▪ Miscellaneous food establishments - ice cream shops, yogurt shops, bakeries (sales on premise only)</li> <li>▪ Take-out/eat-in restaurants with disposable utensils, but with seating and public restrooms</li> <li>▪ Restaurants with reusable utensils, seating and public restrooms (0-18 seats)               <ul style="list-style-type: none"> <li>o Add 1.0 EDU for each additional 6 seat unit, or portion thereof</li> </ul> </li> </ul>

2. Hotels and Motels

EDUs	Description
.38	Per living unit without kitchen
.60	Per living unit with kitchen

3. Commercial, Professional, Industrial Buildings and Establishments not specifically listed herein

EDUs	Description
1.2 +0.7	<p>For first 1,000 square feet <u>AND</u>            For each additional <u>1,000</u> square feet or portion thereof</p> <p>Applies to any office, store or industrial condominium or establishments</p>
1.2 +0.7	<p>For first 1,000 square feet <u>AND</u>            For each additional 1,000 square feet of gross building floor area. Portions less than 1,000 sq. ft. will be prorated.</p> <p>Applies to situations where the occupancy type or usage is unknown at the time of application for service. This shall include, but not be limited to, shopping centers, industrial parks and professional office buildings.</p>
1.0	Self-service laundry per washer

4. Convalescent Homes

EDUs	Description
0.7/bed	Skilled nursing care facilities, psychological hospitals, convalescent hospitals; licensed by the applicable Governmental Agency.
0.5/bed	Community Care Facilities with 16 or more beds licensed by the applicable Governmental Agency.
1.0	Community Care Homes with six or fewer total residents, including resident staff and housekeepers (to be the same EDU as a single family residence).

C. Other commercial, industrial and other types of business establishments not included in 53.08 B.1 through 53.08 B.4

If the establishment is not included in 53.08 B.1 through 53.08 B.4 or if the EDUs specified in 53.08 B.1 through 53.08 B.4 are not representative of actual flow due to the number of employees or type of operation, the number of EDUs shall be determined in each case by the list of commercial strengths as defined by the State Water Resources Control Board (SWRCB) or by the General Manager and shall be based upon the estimated volume and type of wastewater discharge into the sewer.

Examples of commercial, industrial and other business establishments include, but are not limited to, bottling works, supermarkets, markets, deli/markets, convenience stores, hospitals, laundries (other than self-service laundries), automobile service stations, mortuaries, day-care centers, bars and pool halls.

53.09 TRANSFER, ASSIGNMENT, OR RESALE OF SEWER CONNECTION RIGHTS

EDU sewer connection rights obtained by a customer may not be sold, transferred, or assigned separately from ownership of the real property for which they were obtained, unless otherwise stated in an agreement with the District.

53.10 DEFINITIONS OF RESIDENTIAL AND MULTI-RESIDENTIAL SEWER SERVICE RATES, CHARGES AND FEES

All District sewer rates, charges, and fees are subject to Board approval of rate increases to residential and multi-residential sewer services billed on or after January 1, 2014 and may apply to sewer services as early as the beginning of December 2013 and periodically thereafter through December 31, 2018. The increases shall be the amount sufficient to cover cost increases

related to operation and maintenance, but not to exceed 10% per year.

Five-year Periodic Pass-through Rate Increases or Decreases from District Wholesalers - All District sewer rates, charges, and fees are subject to periodic rate changes from the District's public agency wholesalers for a five-year period beginning January 1, 2014 through December 31, 2018.

Set-up Fees for Accounts - A set-up fee (see Appendix A, Section 53 for fee) shall be charged for each account transferred to another customer.

Winter Average Determination - Sewer service usage fee shall be based on the "Winter Average" water consumption, measured in units of hundred cubic feet (HCF). The winter average period is January through April. The winter average is calculated by adding the four months of water consumption for the preceding winter and dividing the resulting amount by four. This average is then reduced by a 15% usage discount, recognizing that not all water used flows into the sewer system, to determine the "Winter Average" for billing purposes see Appendix A, Section 53.

Usage Fee - The usage fee rate (see Appendix A, Section 53) is multiplied by the "Winter Average" calculation for each customer (after the above noted 15% discount) and the resulting amount is added to the System Fee applicable to the size of meter. The resulting fixed fee shall be charged on a monthly basis for an entire calendar year, until a new "Winter Average" is determined for the following year.

Residential Sewer System Fee - The monthly system fee is set forth in Appendix A, Section 53.

A. Residential Rate Charges

1. Defined as: Sewer service for individually metered residential households.
2. The monthly sewer bill is calculated by adding the system fee plus the usage fee as described in 53.10 above.
3. The maximum "Winter Average" for individually metered residential customers is 30 units (after the 15% discount).
4. Monthly Residential Sewer Rate without Consumption History: The average residential sewer rate shall be determined by calculating the total usage fee for all

residential customers and dividing by the number of residential customers. Then the monthly average usage fee is added to the system fee and this shall be used to determine the total monthly fee to be used for residential customers with no prior winter consumption, customers using well water or other unmetered water. See Appendix A, Section 53.

B. Multi-Residential Rate Charges

1. Defined as: Sewer service for master metered water service for multiple-residential households including for example; duplex, townhomes, apartments, and mobile homes.
2. The monthly sewer bill for the complex is calculated by adding a system fee based on meter size (as set forth in Appendix A, Section 53) plus the usage fee (as set forth in Appendix A, Section 53) multiplied by the winter average, for the entire complex. Note: There is no cap on consumption for the multi-residential customers.
3. Monthly Multi-Residential Sewer Rate without Consumption History: The multi-residential sewer rate shall be determined by calculating the total usage fee for all multi-residential customers and dividing by the number of multi-residential dwelling units. The usage fee per dwelling unit is multiplied by the new customer's number of dwelling units and this shall be added to the monthly system fee, based on meter size, to determine the monthly rate. This is applicable to new complexes that do not have a prior winter consumption history. See Appendix A, Section 53.

53.11 DEFINITIONS OF COMMERCIAL AND INDUSTRIAL SEWER SERVICE RATES, CHARGES AND FEES

All District sewer rates, charges, and fees are subject to Board approval of rate increases to commercial and industrial sewer services billed on or after January 1, 2014 and may apply to sewer services as early as the beginning of December 2013 and periodically thereafter through December 31, 2018. The increases shall be the amount sufficient to cover cost increases related to operation and maintenance, but not to exceed 10% per year.

Five-year Periodic Pass-through Rate Increases or Decreases from District Wholesalers - All District sewer rates, charges, and fees are subject to periodic rate changes from the District's public agency wholesalers for a five-year period beginning January 1, 2014 through December 31, 2018.

Set-up Fees for Accounts - A set-up fee (see Appendix A, Section 53 for fee) shall be charged for each account transferred to another customer.

Average Annual Consumption - The Average Annual Consumption, measured in units of hundred cubic feet (HCF). The annual consumption period is January through December of the preceding year divided by the number of months of consumption. This average is reduced by a 15% usage discount which recognizes that not all water used flows into the sewer system.

Usage Fee - The usage fee rate (see Appendix A, Section 53 for rate) is determined by the commercial customer's sewer strength category in which they are assigned (low strength, medium strength or high strength).

System Fee - The monthly system fee is determined by the commercial customer's water meter size (as set forth in Appendix A, Section 53).

Strength Factor - The State Water Resources Control Board (SWRCB) has grouped commercial customers into various categories and has identified Strength Factors for each of these business categories. The standard of measure for Strength Factors is the typical sewer strength of a single-family residence (SFR). A SFR has strength factor of 1. (As set forth in Appendix A, Section 53)

A. Commercial Rate Charges

1. The monthly sewer bill for commercial sewer customers is calculated by multiplying the average annual consumption, reduced by 15%, by the usage fee based on strength (as set forth in Appendix A, Section 53) plus the monthly system fee based on the customer's water meter size.
2. For new commercial sewer customers without consumption history, staff shall make a determination of the average annual consumption to be used until a year's consumption data can be collected. The determination shall be based on the prior owner or tenant of the sewer connection, or based on the most similar type of current business operation. If the customer does not agree with staff's recommendation, the customer may request an adjustment, in writing, and direct it to the General Manager.

B. Industrial and Other Users

1. Charges determined by the Board of Directors on a case-by-case basis.

Monthly sewer service charges shall commence upon installation of the water meter to serve the premises receiving the sewer service, upon connection to the District sewer system, upon start of occupancy of the premises to be served, or one year after the date the application for sewer service is filed. If a sewer service connection has been obtained and if sewer service will not be used until sometime after installation of the water meter, commencement of the sewer service charge may be deferred until the later date only upon prior approval of the General Manager.

C. Commercial User Classifications

Commercial sewer service customers are subject to periodic inspection of the premises by the District for verification of proper sewer strength classification. In addition to such periodic inspections, strength classifications will be reviewed periodically, at the discretion of the District. If warranted following a periodic inspection, periodic classification review, or a change in the nature of a customer's business and/or use of the property, customers may be reclassified to reflect their current business operations and proper sewer strength, at the discretion of the District and consistent with the standards set forth herein and in the State Water Resources Control Board (SWRCB) listing for sewer strength.

1. Low-Strength Commercial = 1.0 Strength Factor

Car wash  
General office and buildings  
Barber and beauty shops  
Department, retail stores and general commercial  
Hospitals and convalescent homes  
Public Laundromats and dry cleaners  
Professional office or office building  
Warehouse  
Bars without dining facilities  
Churches  
Schools (Elementary, junior & High Schools, Colleges)  
Other uses having a similar strength as determined by the District

2. Medium-Strength Commercial = 2.0 Strength Factor

Hotels without dining facilities or cooking facilities  
Auto repair/sales shop and service station  
Shopping centers  
Other uses having a similar strength as determined by the District

3. High-Strength Commercial = 4.0 Strength Factor

Bakery or bakery with deli  
Hotel with dining facilities  
Restaurants and bars with food  
Grocery stores with onsite butcher and/or bakery  
Other uses having a similar strength as determined by  
the District

53.12 ISSUANCE AND PAYMENT OF SEWER BILLS

- A. Issuance of Statements: Statements for sewer service or other charges will be mailed monthly or as soon as practical, after the applicable charges have been determined.
- B. Due Date: Each statement issued by the District for such charges shall be due and payable on the date of mailing or other presentation to the customer.
- C. Final Payment Date: All charges in each statement must be paid on or before the final payment date shown on the statement, which shall be at least 20 calendar days following the date of mailing or presentation of the statement.
- D. Place of Payment: Payments shall not be credited to a customer's account until cash, check, credit card, draft, electronic funds transfer, money order or any other acceptable form of payment that will be honored by the bank has been received by the District at the District business office during regular office hours. Deposit of payment in the mail or at a location other than the District business office shall not be credited to a customer's account until received at the business office.
- E. Returned Check Charges: A returned payment charge (see Appendix A, Section 34 for charge) shall be added to a customer's account in each instance where payment has been made to the District with a check, draft, credit card or any other acceptable form of payment that has not been honored upon presentment to the bank upon which it is drawn.

53.13 DELINQUENT ACCOUNTS

- A. Requirement of Deposit Due to Repeated Delinquencies: If payments on a customer account have become delinquent five or more times, the General Manager, Chief Financial Officer, or any person delegated by the General Manager, shall be authorized to require the customer to make a deposit with the District, in cash or any other form satisfactory to the General Manager. The deposit amount shall be established at

the discretion of the General Manager and the Chief Financial Officer, but shall not exceed two times the highest bill during the twelve (12) months preceding the date of demand for a deposit.

- B. Handling of Deposit: A deposit shall not earn interest and shall only be applied to reduce or satisfy amounts due the District in the event of termination of service. A deposit does not constitute payment for service bills and the customer shall be required to comply with bill payment requirements to continue receiving service.
- C. Refund of Deposit: A deposit required under this Section shall be refunded to the customer as provided in Section 25.04 B.

SECTION 53      CONDITIONS FOR SEWER SERVICE53.01 CONDITIONS FOR ACQUISITION OF SEWER SERVICE CAPACITY

Sewer service capacity may be acquired only for service to a specific address, parcel of land, or a land development project covered by an approved map. An approved map shall mean a recorded final map, a recorded parcel map or a tentative subdivision map that has been approved by the County or by a City, as applicable.

- A. District Acceptance of Sewer Facilities for Russell Square Area - Under an Agreement with Cal Dorado Development, Inc., dated June 28, 1981, the District accepted title to a sewer pump station, force main and appurtenances for a sewage system to provide sewer service to the residential dwelling units to be constructed within the parcels of land in San Diego County Tentative Parcel Map 17150. Under an Agreement with Cal Dorado Development, Inc., dated June 18, 1981, the District agreed to provide service to such parcels on the terms and conditions contained therein. On October 1, 1984, pursuant to Resolution No. 2139, the District Board of Directors accepted title to the facilities.

53.02 SERVICE AREAS

Sewer service shall be furnished by the District only to property located in Improvement District No. 18 (ID 18) and the Russell Square Sewer Service Area. Sewer service to property located outside such areas may be furnished only upon annexation to ID 18 and payment of all applicable annexation fees. (Appendix A, Section 9)

- A. Designation of Russell Square Sewer Area - The geographical area described on the District Map entitled "Russell Square Sewer Service Area," dated October 11, 1988, on file with the District Secretary, constitutes the Russell Square Sewer Service Area.

53.03 ACQUISITION OF SEWER CONNECTIONS FOR SERVICE

Effective October 1, 2014 two separate sewer capacity fees have been established to ensure sewer customers do not pay for facilities twice. The first capacity fee applies to parcels within an ID that paid prior tax debt. The second capacity fee applies parcels outside an ID that have not paid the tax debt. The sewer capacity fees shall constitute the "base rate." For fees or charges after October 1, 2014, the base rate shall be adjusted quarterly for fluctuations in construction costs, as measured by the *Engineering News Record Construction Cost Index for the Los*

Angeles Region. The ENR Construction Cost Index of 10,739.43(as of June 1, 2014) shall be deemed the "base index." The adjustment shall be in an amount equal to the percentage change in the ENR Construction Cost Index from the base index for the period from June 1, 2014 to the date of payment.

1. Sewer Capacity Fee within an ID

All new sewer connections for parcels within a sewer ID shall pay a capacity fee for each Equivalent Dwelling Unit (EDU) of sewer service provided. The capacity fee is due at the time an application for sewer service is requested. The number of EDUs for the connection shall be as set forth in Section 53.08 of the Code. (See Appendix A, Section 53 for fees)

2. Sewer Capacity Fee outside an ID

All new sewer connections for parcels not within a sewer ID (requiring to be annexed into a sewer ID18 per code Section 9.04 C.) shall pay a capacity fee for each Equivalent Dwelling Unit (EDU) of sewer service provided. The capacity fee is due at the time an application for sewer service is requested. The number of EDUs for the connection shall be as set forth in Section 53.08 of the Code. (See Appendix A, Section 53 for fees)

B. Russell Square Pump Station

1. Sewer Connection Fee

A connection fee (see Appendix A, section 53 for fee) for each Equivalent Dwelling Unit (EDU) of sewer service provided through Russell Square Pump Station shall be collected. The connection fee is due at the time an application for sewer service is submitted. The number of EDUs for the connection shall be as set forth in Section 53.08 of the Code.

- (a) Exempt Parcels - The connection fee shall not apply to connections for sewer service to the parcels within the Tentative Parcel Map 17150. Such exempt parcels are currently identified as Assessor Parcel Nos. 497-011-41, 497-011-42, 497-011-44, 497-011-46 and 497-011-47.

2. Monthly Sewer Service Charge

A monthly sewer service charge (see Appendix A, Section 53 for charge) to cover normal operational costs of the Russell Square Pump Station and force

mains shall be collected. This charge shall be reviewed by the Board of Directors from time to time to assure that such charges cover the costs for operation of the sewer facilities.

The proceeds of the fees and charges received by the District under 53.03 B.1 and 53.03 B.2 shall be used by the District solely for maintenance, replacement or repair under 53.03 B.1 and for the operation of the facilities under 53.03 B.2.

In addition, the customer for such service shall pay the monthly service charge for sewer service set forth in Section 53.10 A and B.

#### 53.04 CHARGES FOR INSTALLATION OF SEWER LATERALS

Upon application for construction of one or more sewer laterals, the customer shall deposit with the District the estimated costs to be incurred by the District in connection with the installation of the facilities required, as determined by the District. Upon completion of the work, the District shall calculate the actual costs incurred by the District in performing the work. If actual costs are less than the amount deposited, the District shall refund the balance of the deposit to the customer. If actual costs exceed the amount deposited, the customer shall reimburse the District for the additional costs.

#### 53.05 PAYMENT OF FEES

All fees prescribed in the Code shall become owing, due and payable at the time application is made to connect a premise to the sewer system of the District. The fees shall be paid to the District prior to the issuance of any permit authorizing the connection of such premise to the District sewer system. If the proposed connection cannot be made, the fee may be refunded when approved by the General Manager.

#### 53.06 SEWER SERVICE USE CHANGES RESULTING IN INCREASED SYSTEM UTILIZATION

The use of a sewer connection shall be limited to the type and number of EDUs authorized by the original wastewater discharge permit. Before adding any additional equivalent dwelling units, buildings, modifying existing buildings, or change of occupancy type, the property owner shall make a supplementary wastewater permit application to the District for such change in use and pay additional sewer annexation fees per EDU, if necessary, as may be applicable. Periodic inspection of the premises may be made by the District and if actual use is greater than estimated use, an assessment for additional annexation fees shall be assessed in accordance with the fee schedule in the then current Code of Ordinances.

53.07 WASTEWATER DISCHARGE PERMIT ISSUANCE AND LIMITATION

- A. A wastewater discharge permit shall be required for any property for which a request is made to discharge into the District sewage system.
- B. Every wastewater discharge permit shall expire by limitations and shall become null and void, if the construction or work authorized by such permit is not commenced within 120 days from date of issuance of such wastewater discharge permit or if the construction or work authorized by such wastewater discharge permit is suspended or abandoned for a period of 120 days at any time after the work is commenced.
- C. Before such work can be recommenced, a new wastewater discharge permit application must be filed with the District. The District may reactivate the previous wastewater discharge permit provided that wastewater quantity and type is the same as the wastewater discharge allowed under the original permit, and provided further that such suspension and abandonment has not exceeded one year. Fees paid for the previous wastewater discharge permit may be credited toward the total permit fees required on the new permit application. Reactivation of the previous wastewater discharge permit shall be subject to District sewer capacity being available at the time of new application and subject to any additional costs or charges imposed during the period of such suspension or abandonment.

53.08 BASIS FOR DETERMINATION OF EQUIVALENT DWELLING UNITS (EDUs)

The number of EDUs for sewer service shall be determined on the following basis:

A. Residential Facilities

EDUs	Description
1	<ul style="list-style-type: none"> <li>▪ Single-family residence (Includes manufactured homes and mobile homes which are on private lots.)</li> <li>▪ A secondary structure with a kitchen is considered an additional EDU</li> <li>▪ Each individual living unit in apartments, multiple family housing and residential condominiums</li> <li>▪ Each individual space in mobile homes and trailer parks</li> </ul>

B. Commercial/Industrial Facilities

1. Food Service Establishments

EDUs	Description
3	<ul style="list-style-type: none"> <li>▪ Take-out restaurants with disposable utensils, no dishwasher and no public restrooms</li> <li>▪ Take-out restaurants with disposable utensils, no dishwasher and no public restrooms</li> <li>▪ Miscellaneous food establishments - ice cream shops, yogurt shops, bakeries (sales on premise only)</li> <li>▪ Take-out/eat-in restaurants with disposable utensils, but with seating and public restrooms</li> <li>▪ Restaurants with reusable utensils, seating and public restrooms (0-18 seats)               <ul style="list-style-type: none"> <li>o Add 1.0 EDU for each additional 6 seat unit, or portion thereof</li> </ul> </li> </ul>

2. Hotels and Motels

EDUs	Description
.38	Per living unit without kitchen
.60	Per living unit with kitchen

3. Commercial, Professional, Industrial Buildings and Establishments not specifically listed herein

EDUs	Description
1.2 +0.7	<p>For first 1,000 square feet <u>AND</u>            For each additional 1,000 square feet or portion thereof</p> <p>Applies to any office, store or industrial condominium or establishments</p>
1.2 +0.7	<p>For first 1,000 square feet <u>AND</u>            For each additional 1,000 square feet of gross building floor area. Portions less than 1,000 sq. ft. will be prorated.</p> <p>Applies to situations where the occupancy type or usage is unknown at the time of application for service. This shall include, but not be limited to, shopping centers, industrial parks and professional office buildings.</p>
1.0	Self-service laundry per washer

4. Convalescent Homes

EDUs	Description
0.7/bed	Skilled nursing care facilities, psychological hospitals, convalescent hospitals; licensed by the applicable Governmental Agency.
0.5/bed	Community Care Facilities with 16 or more beds licensed by the applicable Governmental Agency.
1.0	Community Care Homes with six or fewer total residents, including resident staff and housekeepers (to be the same EDU as a single family residence).

C. Other commercial, industrial and other types of business establishments not included in 53.08 B.1 through 53.08 B.4

If the establishment is not included in 53.08 B.1 through 53.08 B.4 or if the EDUs specified in 53.08 B.1 through 53.08 B.4 are not representative of actual flow due to the number of employees or type of operation, the number of EDUs shall be determined in each case by the list of commercial strengths as defined by the State Water Resources Control Board (SWRCB) or by the General Manager and shall be based upon the estimated volume and type of wastewater discharge into the sewer.

Examples of commercial, industrial and other business establishments include, but are not limited to, bottling works, supermarkets, markets, deli/markets, convenience stores, hospitals, laundries (other than self-service laundries), automobile service stations, mortuaries, day-care centers, bars and pool halls.

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EDU sewer connection rights obtained by a customer may not be sold, transferred, or assigned separately from ownership of the real property for which they were obtained, unless otherwise stated in an agreement with the District.

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related to operation and maintenance, but not to exceed 10% per year.

Five-year Periodic Pass-through Rate Increases or Decreases from District Wholesalers - All District sewer rates, charges, and fees are subject to periodic rate changes from the District's public agency wholesalers for a five-year period beginning January 1, 2014 through December 31, 2018.

Set-up Fees for Accounts - A set-up fee (see Appendix A, Section 53 for fee) shall be charged for each account transferred to another customer.

Winter Average Determination - Sewer service usage fee shall be based on the "Winter Average" water consumption, measured in units of hundred cubic feet (HCF). The winter average period is January through April. The winter average is calculated by adding the four months of water consumption for the preceding winter and dividing the resulting amount by four. This average is then reduced by a 15% usage discount, recognizing that not all water used flows into the sewer system, to determine the "Winter Average" for billing purposes see Appendix A, Section 53.

Usage Fee - The usage fee rate (see Appendix A, Section 53) is multiplied by the "Winter Average" calculation for each customer (after the above noted 15% discount) and the resulting amount is added to the System Fee applicable to the size of meter. The resulting fixed fee shall be charged on a monthly basis for an entire calendar year, until a new "Winter Average" is determined for the following year.

Residential Sewer System Fee - The monthly system fee is set forth in Appendix A, Section 53.

A. Residential Rate Charges

1. Defined as: Sewer service for individually metered residential households.
2. The monthly sewer bill is calculated by adding the system fee plus the usage fee as described in 53.10 above.
3. The maximum "Winter Average" for individually metered residential customers is 30 units (after the 15% discount).
4. Monthly Residential Sewer Rate without Consumption History: The average residential sewer rate shall be determined by calculating the total usage fee for all

residential customers and dividing by the number of residential customers. Then the monthly average usage fee is added to the system fee and this shall be used to determine the total monthly fee to be used for residential customers with no prior winter consumption, customers using well water or other unmetered water. See Appendix A, Section 53.

B. Multi-Residential Rate Charges

1. Defined as: Sewer service for master metered water service for multiple-residential households including for example; duplex, townhomes, apartments, and mobile homes.
2. The monthly sewer bill for the complex is calculated by adding a system fee based on meter size (as set forth in Appendix A, Section 53) plus the usage fee (as set forth in Appendix A, Section 53) multiplied by the winter average, for the entire complex. Note: There is no cap on consumption for the multi-residential customers.
3. Monthly Multi-Residential Sewer Rate without Consumption History: The multi-residential sewer rate shall be determined by calculating the total usage fee for all multi-residential customers and dividing by the number of multi-residential dwelling units. The usage fee per dwelling unit is multiplied by the new customer's number of dwelling units and this shall be added to the monthly system fee, based on meter size, to determine the monthly rate. This is applicable to new complexes that do not have a prior winter consumption history. See Appendix A, Section 53.

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Set-up Fees for Accounts - A set-up fee (see Appendix A, Section 53 for fee) shall be charged for each account transferred to another customer.

Average Annual Consumption - The Average Annual Consumption, measured in units of hundred cubic feet (HCF). The annual consumption period is January through December of the preceding year divided by the number of months of consumption. This average is reduced by a 15% usage discount which recognizes that not all water used flows into the sewer system.

Usage Fee - The usage fee rate (see Appendix A, Section 53 for rate) is determined by the commercial customer's sewer strength category in which they are assigned (low strength, medium strength or high strength).

System Fee - The monthly system fee is determined by the commercial customer's water meter size (as set forth in Appendix A, Section 53).

Strength Factor - The State Water Resources Control Board (SWRCB) has grouped commercial customers into various categories and has identified Strength Factors for each of these business categories. The standard of measure for Strength Factors is the typical sewer strength of a single-family residence (SFR). A SFR has strength factor of 1. (As set forth in Appendix A, Section 53)

A. Commercial Rate Charges

1. The monthly sewer bill for commercial sewer customers is calculated by multiplying the average annual consumption, reduced by 15%, by the usage fee based on strength (as set forth in Appendix A, Section 53) plus the monthly system fee based on the customer's water meter size.
2. For new commercial sewer customers without consumption history, staff shall make a determination of the average annual consumption to be used until a year's consumption data can be collected. The determination shall be based on the prior owner or tenant of the sewer connection, or based on the most similar type of current business operation. If the customer does not agree with staff's recommendation, the customer may request an adjustment, in writing, and direct it to the General Manager.

B. Industrial and Other Users

1. Charges determined by the Board of Directors on a case-by-case basis.

Monthly sewer service charges shall commence upon installation of the water meter to serve the premises receiving the sewer service, upon connection to the District sewer system, upon start of occupancy of the premises to be served, or one year after the date the application for sewer service is filed. If a sewer service connection has been obtained and if sewer service will not be used until sometime after installation of the water meter, commencement of the sewer service charge may be deferred until the later date only upon prior approval of the General Manager.

C. Commercial User Classifications

Commercial sewer service customers are subject to periodic inspection of the premises by the District for verification of proper sewer strength classification. In addition to such periodic inspections, strength classifications will be reviewed periodically, at the discretion of the District. If warranted following a periodic inspection, periodic classification review, or a change in the nature of a customer's business and/or use of the property, customers may be reclassified to reflect their current business operations and proper sewer strength, at the discretion of the District and consistent with the standards set forth herein and in the State Water Resources Control Board (SWRCB) listing for sewer strength.

1. Low-Strength Commercial = 1.0 Strength Factor

Car wash  
General office and buildings  
Barber and beauty shops  
Department, retail stores and general commercial  
Hospitals and convalescent homes  
Public Laundromats and dry cleaners  
Professional office or office building  
Warehouse  
Bars without dining facilities  
Churches  
Schools (Elementary, junior & High Schools, Colleges)  
Other uses having a similar strength as determined by the District

2. Medium-Strength Commercial = 2.0 Strength Factor

Hotels without dining facilities or cooking facilities  
Auto repair/sales shop and service station  
Shopping centers  
Other uses having a similar strength as determined by the District

3. High-Strength Commercial = 4.0 Strength Factor

Bakery or bakery with deli  
Hotel with dining facilities  
Restaurants and bars with food  
Grocery stores with onsite butcher and/or bakery  
Other uses having a similar strength as determined by  
the District

53.12 ISSUANCE AND PAYMENT OF SEWER BILLS

- A. Issuance of Statements: Statements for sewer service or other charges will be mailed monthly or as soon as practical, after the applicable charges have been determined.
- B. Due Date: Each statement issued by the District for such charges shall be due and payable on the date of mailing or other presentation to the customer.
- C. Final Payment Date: All charges in each statement must be paid on or before the final payment date shown on the statement, which shall be at least 20 calendar days following the date of mailing or presentation of the statement.
- D. Place of Payment: Payments shall not be credited to a customer's account until cash, check, credit card, draft, electronic funds transfer, money order or any other acceptable form of payment that will be honored by the bank has been received by the District at the District business office during regular office hours. Deposit of payment in the mail or at a location other than the District business office shall not be credited to a customer's account until received at the business office.
- E. Returned Check Charges: A returned payment charge (see Appendix A, Section 34 for charge) shall be added to a customer's account in each instance where payment has been made to the District with a check, draft, credit card or any other acceptable form of payment that has not been honored upon presentment to the bank upon which it is drawn.

53.13 DELINQUENT ACCOUNTS

- A. Requirement of Deposit Due to Repeated Delinquencies: If payments on a customer account have become delinquent five or more times, the General Manager, Chief Financial Officer, or any person delegated by the General Manager, shall be authorized to require the customer to make a deposit with the District, in cash or any other form satisfactory to the General Manager. The deposit amount shall be established at

the discretion of the General Manager and the Chief Financial Officer, but shall not exceed two times the highest bill during the twelve (12) months preceding the date of demand for a deposit.

- B. Handling of Deposit: A deposit shall not earn interest and shall only be applied to reduce or satisfy amounts due the District in the event of termination of service. A deposit does not constitute payment for service bills and the customer shall be required to comply with bill payment requirements to continue receiving service.
- C. Refund of Deposit: A deposit required under this Section shall be refunded to the customer as provided in Section 25.04 B.

Otay Water District  
Appendix A

Exhibit 5

Section #	Code #	Fee Description	Meter Size	Charges		
9	9.04 A.1.	District Annexation Processing Fee			\$763.83	
	9.04 B.	Annexation Fees for Water Annexations into Otay Water District Boundaries			District-wide Annexation Fee	
			3/4"		\$1,820.70	
			1"		\$4,551.75	
			1-1/2"		\$9,103.50	
			2"		\$14,565.60	
			3"		\$29,131.20	
			4"		\$45,517.50	
			6"		\$91,035.00	
			8"		\$145,656.00	
			10"		\$209,380.50	
	9.04 C.4.	Annexation Fees for Annexations to Sewer Improvement Districts per EDU			\$1,043.04	
10	10.01	Waiver Request			\$50.00	
23	23.04	Backflow Certification				
		- Second Notification			\$10.00	
		- Third Notification			\$25.00	
		- Reconnection (service resumed)			\$50.00	
		- Initial Filing Fee (New applicants for addition to the list of approved backflow prevention device testers)			\$25.00	
		- Renewal Filing Fee (to remain on list of approved backflow prevention device testers)		Annually	\$10.00	
25	25.03 A.	Set-up Fees for Accounts			\$10.00	
25	25.03 C.	Monthly Fixed System Charges, MWD & CWA Charges <sup>(1)</sup>	Meter Size	System Charge	MWD & CWA Fixed Charge	Total Fixed Charge
			3/4"	<del>\$18.50</del>	<del>\$16.84</del>	<del>\$35.34</del>
			1"	<del>\$26.14</del>	<del>\$31.24</del>	<del>\$57.38</del>
<sup>(1)</sup> All Water used in December and billed in January 2015.						

Section #	Code #	Fee Description	Meter Size	Charges		
25	25.03 C.	Monthly Fixed System Charges, MWD & CWA Charges (continued) <sup>(1)</sup>	1-1/2"	\$45.23	\$70.66	\$115.89
			2"	\$68.13	\$120.17	\$188.30
			3"	\$129.22	\$255.60	\$384.82
			4"	\$197.95	\$409.32	\$607.27
			6"	\$388.88	\$837.99	\$1,226.87
			8"	\$617.97	\$1,353.09	\$1,971.06
			10"	\$885.24	\$1,947.62	\$2,832.86
25	25.03 E.1.(b)	Domestic Residential Water Rates <sup>(1)</sup> (The Conservation Tier discount applies toward the first five units of water when overall consumption is ten units or less.)	Conservation Tier	Unit	Charge	
			0 - 5		\$1.99	
			6-10		\$3.10	
			11-22		\$4.03	
			23 or more		\$6.20	
25	25.03 E.2.(b)	Multiple Residential Water Rates - Per Dwelling Unit <sup>(1)</sup>				
				0-4	\$3.06	
				5-9	\$3.96	
				10 or more	\$6.12	
25	25.03 E.3.(b)	Business and Publicly-Owned Water Rates <sup>(1)</sup>	under 10"			
				0-185	\$3.27	
				186-1,400	\$3.32	
				1,401 or more	\$3.37	
			10" & larger			
				0-7,426	\$3.27	
				7,427-14,616	\$3.32	
				14,617 or more	\$3.37	
25	25.03 E.4.(c)	Irrigation and Commercial Agricultural Using Potable Water Rates <sup>(1)</sup>	1" & smaller			
				0-54	\$4.45	
				55-199	\$4.50	
				200 or more	\$4.56	
			1.5" & 2"			
				0-144	\$4.45	
				145-355	\$4.50	
				356 or more	\$4.56	
			3" & larger			
				0-550	\$4.45	
				551-1,200	\$4.50	
				1,201 or more	\$4.56	

<sup>(1)</sup> All Water used in December and billed in January 2015.

Section #	Code #	Fee Description	Meter Size		Charges					
25	25.03 E.5.(c)	Recycled Water <sup>(1)</sup> (Landscape Irrigation and Certain Non-Irrigation Purposes Rates)	3/4" - 1"	0-32	\$3.80					
				33-75	\$3.86					
				76 or more	\$3.94					
			1.5" & 2"	0-130	\$3.80					
				131-325	\$3.86					
				326 or more	\$3.94					
			3" & 4"	0-440	\$3.80					
				441-1,050	\$3.86					
				1,051 or more	\$3.94					
			6" & larger	0-4,000	\$3.80					
				4,001-10,000	\$3.86					
				10,001 or more	\$3.94					
			25	25.03 E.6.(c)	Recycled Commercial <sup>(1)</sup>	under 10"	0-173	\$2.77		
							174-831	\$2.82		
							832 or more	\$2.86		
10" & larger	0-7,426	\$2.77								
	7,427-14,616	\$2.82								
	14,617 or more	\$2.86								
25	25.03 E.7.(b)	Potable Temporary and Construction Water Service Rates <sup>(1)</sup>	1" & smaller	0-54	\$8.90					
				55-199	\$9.00					
				200 or more	\$9.12					
			1.5" & 2"	0-144	\$8.90					
				145-355	\$9.00					
				356 or more	\$9.12					
			3" & larger	0-550	\$8.90					
				551-1,200	\$9.00					
				1,201 or more	\$9.12					
			25	25.03 E.8.(b)	Recycled Temporary and Construction Water Service Rates <sup>(1)</sup>	3/4" - 1"	0-32	\$7.60		
							33-75	\$7.72		
							76 or more	\$7.82		

<sup>(1)</sup> All Water used in December and billed in January ~~2015~~.

Section #	Code #	Fee Description	Meter Size		Charges			
25	25.03 E.8.(b)	Recycled Temporary and Construction Water Service Rates (continued) <sup>(1)</sup>	1.5" & 2"	0-130	\$7.60			
				131-325	\$7.72			
				326 or more	\$7.82			
			3" & 4"	0-440	\$7.60			
				441-1,050	\$7.72			
				1,051 or more	\$7.82			
			6" & larger	0-4,000	\$7.60			
				4,001-10,000	\$7.72			
				10,001 or more	\$7.82			
			25	25.03 E.10.(b)	Tank Trucks Water Rates <sup>(1)</sup>	1" & smaller	0-54	\$8.90
							55-199	\$9.00
							200 or more	\$9.12
1.5" & 2"	0-144	\$8.90						
	145-355	\$9.00						
	356 or more	\$9.12						
3" & larger	0-550	\$8.90						
	551-1,200	\$9.00						
	1,201 or more	\$9.12						
25	25.03 E.11.(c)	Application Fee for Water Service Outside District Boundaries					\$500.00	
25	25.03 E.11.(d)	Water Rate for Service Outside District Boundaries <sup>(1)</sup>				1" & smaller	0-54	\$8.90
							55-199	\$9.00
			200 or more	\$9.12				
			1.5" & 2"	0-144	\$8.90			
				145-355	\$9.00			
				356 or more	\$9.12			
			3" & larger	0-550	\$8.90			
				551-1,200	\$9.00			
				1,201 or more	\$9.12			
			25	25.03 E.12.(b)	Application Fee for Water Service Outside an Improvement District		\$275.00	

<sup>(1)</sup> All Water used in December and billed in January 2015.

Section #	Code #	Fee Description	Meter Size	Charges	
25	25.03 E.12.(c)	Water Rate for Service Outside Improvement District <sup>(1)</sup>	1" & smaller	0-54	<del>\$8.99</del>
				55-199	<del>\$9.00</del>
				200 or more	<del>\$9.12</del>
			1.5" & 2"	0-144	<del>\$8.99</del>
				145-355	<del>\$9.00</del>
				356 or more	<del>\$9.12</del>
			3" & larger	0-550	<del>\$8.99</del>
				551-1,200	<del>\$9.00</del>
				1,201 or more	<del>\$9.12</del>
25	25.03 E.13.(c)	Fire Service Monthly Charge	3" or less	<del>\$24.16</del>	
			more than 4"	<del>\$32.56</del>	
25	25.03 E.14.(b)	Additional Water Service for Property Not Subject to District Taxes	per unit	<del>.37</del>	
25	25.03 E.15.(b)	Interim Service Water Rate in Improvement District 7 <sup>(1)</sup>	1" & smaller	0-54	<del>\$8.99</del>
				55-199	<del>\$9.00</del>
				200 or more	<del>\$9.12</del>
			1.5" & 2"	0-144	<del>\$8.99</del>
				145-355	<del>\$9.00</del>
				356 or more	<del>\$9.12</del>
			3" & larger	0-550	<del>\$8.99</del>
				551-1,200	<del>\$9.00</del>
				1,201 or more	<del>\$9.12</del>
25	25.03 F.	Energy Charges for Pumping Water <sup>(1)</sup>	Per 100 ft of lift over 450 ft per unit	<del>\$0.072</del>	
25	25.04 A.	Deposits for Non-Property Owners	3/4"	\$75.00	
			1"	\$150.00	
			1-1/2"	\$200.00	
<sup>(1)</sup> All Water used in December and billed in January 2015.					

Section #	Code #	Fee Description	Meter Size	Charges		
25	25.04 A.	Deposits for Non-Property Owner (continued)	2"	\$360.00		
			3"	\$800.00		
			4"	\$1,350.00		
			6"	\$3,300.00		
			8"	\$4,400.00		
			10"	\$5,500.00		
28	28.01 B.1.	Capacity Fees and Zone Charge		District-wide Capacity Fee		
		- All IDs excluding Triad	3/4"	\$8,180.35		
			1"	\$20,450.88		
			1-1/2"	\$40,901.75		
			2"	\$65,442.80		
			3"	\$130,885.60		
			4"	\$204,508.75		
			6"	\$409,017.50		
			8"	\$654,428.00		
			10"	\$940,740.25		
		- TRIAD	3/4"	\$6,137.31		
			1"	\$15,343.28		
			1 -1/2"	\$30,686.55		
			2"	\$49,098.48		
			3"	\$98,196.96		
			4"	\$153,432.75		
			6"	\$306,865.50		
			8"	\$490,984.80		
			10"	\$705,790.65		
28	28.01 B.2.	New Water Supply Fee				
		- All IDs including Triad	3/4"	\$1,013.32		
			1"	\$2,533.30		
			1-1/2"	\$5,066.60		
			2"	\$8,106.56		
			3"	\$16,213.12		
			4"	\$25,333.00		
			6"	\$50,666.00		
			8"	\$81,065.60		
			10"	\$116,531.80		

Section #	Code #	Fee Description	Meter Size	Charges			Meter Box/Vault (if Needed)
28	28.02	Installation and Water Meter Charges	Meter Size	Meter Cost	Installation	Total	
		- Potable (Non-Irrigation)	3/4" x 7.5"	\$216.13	\$102.56	\$318.69	\$87.07
			3/4" x 9"	\$230.11	\$102.56	\$332.67	\$87.07
			1"	\$278.89	\$102.56	\$381.45	\$87.07
			1.5"	\$453.31	\$102.56	\$555.87	\$197.39
			2"	\$649.55	\$102.56	\$752.11	\$197.39
			3"	\$2,024.25	\$617.51	\$2,641.76	\$3,521.08
			4"	\$3,515.80	\$617.51	\$4,133.31	\$3,521.08
			6"	\$6,072.73	\$975.40	\$7,048.13	\$3,521.08
			8"	\$7,587.43	\$1,495.69	\$9,083.12	\$5,051.24
			10"	\$10,912.24	\$1,495.69	\$12,407.93	\$5,051.24
		- Potable/Recycled Irrigation	3/4" x 7.5"	\$216.13	\$102.56	\$318.69	\$221.90
			3/4" x 9"	\$230.11	\$102.56	\$332.67	\$221.90
			1"	\$278.89	\$102.56	\$381.45	\$221.90
			1.5"	\$453.31	\$102.56	\$555.87	\$221.90
			2"	\$649.55	\$102.56	\$752.11	\$221.90
			3"	\$1,400.98	\$617.51	\$2,018.49	\$3,521.08
			4"	\$2,727.50	\$617.51	\$3,345.01	\$3,521.08
			6"	\$4,910.39	\$975.40	\$5,885.79	\$3,521.08
			8"	\$6,541.52	\$1,495.69	\$8,037.21	\$5,051.24
			10"	\$9,282.91	\$1,495.69	\$10,778.60	\$5,051.24
		- Combined Fire and Domestic	4"	\$8,364.39	\$617.51	\$8,981.90	\$3,521.08
			6"	\$11,132.28	\$975.40	\$12,107.68	\$3,521.08
			8"	\$16,185.53	\$1,495.69	\$17,681.22	\$5,051.24
			10"	\$22,087.89	\$1,495.69	\$23,583.58	\$5,051.24
31	31.02 D.1.	Requirement of Temporary Meter for Service		minimum/per day	\$25.00		
31	31.03 A.1.	Requirement of Deposit for Temporary Meters					
			3/4"		\$156.85		
			1"		\$184.78		
			1-1/2"		\$379.62		
			2"		\$2,046.00		
			4"		\$1,986.00		
			6"		\$2,465.00		

Section #	Code #	Fee Description	Meter Size	Charges
31	31.03 A.1.	Requirement of Deposit for Temporary Meters (continued)		
		- Construction Trailer Temporary Meter	2"	\$2,046.00
		- Tank Truck Temporary Meter (Ordinance No. 372)	2"	\$850.00
31	31.03 A.4.	Temporary Meter Install & Removal		\$128.00
31	31.03 A.5.	Temporary Meter Move Fee (includes backflow certification)	3/4" - 2"	\$64.00
			3" and larger No backflow test	\$64.00
33	33.07 A.	Customer Request for Meter Test (Deposit)	5/8", 3/4" & 1"	\$25.00
			1-1/2" & 2 "	\$50.00
			3" & Larger	\$125.00
34	34.01 D.2.	Returned Check Charges		\$25.00
34	34.02 B.	Late Payment Charge		5% of Delinquent Balance
34	34.02 G.1.(d)	Delinquency Tag		\$10.00
34	34.02 G.3.(a)	Meter "Turn-On" Charge		During regular business hours \$35.00
34	34.02 G.3.(b)	Meter "Turn-On" Charge		After regular business hours \$65.00
53	53.03 A.1.	Sewer Capacity Fee per EDU for parcels within a Sewer ID		\$4,192.63
53	53.03 A.2.	Sewer Capacity Fee per EDU for parcels not within a Sewer ID		\$6,557.39
53	53.03 B.1.	Sewer Connection Fee - Russell Square		\$7,500.00
53	53.03 B.2.	Monthly Sewer Service Charge - Russell Square		\$200.00
53	53.10 & 11	Set-up Fees for Accounts		\$10.00
53	53.10	Residential Sewer Usage Fee <sup>(2)</sup>	Rate multiplied by winter average units	\$2.46

<sup>(2)</sup> Sewer billed beginning January 1, ~~2015~~.

Section #	Code #	Fee Description	Meter Size	Charges
53	53.10	Residential Sewer System Fee <sup>(2)</sup>	5/8", 3/4" & larger	<del>\$17.19</del>
53	53.10 A.	Residential Sewer Without Consumption History <sup>(2)</sup>	5/8", 3/4" & larger	<del>\$46.46</del>
53	53.10 B.	Multi-Residential Usage Fee - Sewer Without Consumption History <sup>(2)</sup>		\$29.27
53	53.10 B.2.	Multi-Residential Usage Fee - Sewer <sup>(2)</sup>	Rate multiplied by winter average units	<del>\$2.46</del>
53	53.10 B. 2.	Multi-Residential System Fee - Sewer <sup>(2)</sup>	.75"	\$27.07
			1"	\$39.86
			1.5"	\$71.82
			2"	\$110.17
			3"	\$199.66
			4"	\$327.51
			6"	\$647.12
			8"	\$1,030.67
			10"	\$1,478.12
53	53.11	Commercial and Institutional Sewer Strength Factors	Low Strength 1	
			Medium Strength 2	
			High Strength 4	
53	53.11	Monthly Usage Fee for Commercial and Institutional Sewer <sup>(2)</sup>	Rate multiplied by annual avg. units	
			Low Strength	\$2.46
			Medium Strength	\$3.53
			High Strength	\$5.63
53	53.11	Monthly System Fee for Commercial and Institutional Sewer <sup>(2)</sup>	.75"	\$27.07
			1"	\$39.86
			1.5"	\$71.82
			2"	\$110.17
			3"	\$199.66
			4"	\$327.51
			6"	\$647.12
			8"	\$1,030.67
			10"	\$1,478.12
<sup>(2)</sup> Sewer billed beginning January 1, <del>2015</del> .				

Section #	Code #	Fee Description	Meter Size	Charges		
60	60.03	Issuance of Availability Letters for Water and/or Sewer Service		\$75.00		
72	72.04 A.1.	Locking or Removing Damaged or Tampered Meters				
		- To Pull and Reset Meter	3/4" - 2"	\$170.00		
		- Broken Curbstop or Tabs	3/4" - 1"	\$192.00		
		- If Customer uses Jumper	3/4" - 1"	\$149.00		
		- Broken Lock/Locking Device	3/4" - 1"	\$56.00		
		- Cap Lock (Welded)	3/4" - 1"	\$158.00		
		- Broken Curbstop or Tabs	1.5" - 2"	\$265.00		
		- To Pull and Reset Meter	3"	\$351.00		
		- To Pull and Reset Meter	4"	\$454.00		
		- To Pull and Reset Meter	6"	\$454.00		
		- To Pull and Reset Meter	8"	\$600.00		
		- To Pull and Reset Meter	10"	\$600.00		
72	72.05 D. A.	Type I Fine				
		- First Violation		\$100.00		
		- Second Violations		\$200.00		
		- Third or each additional violation of that same ordinance or requirement within a twelve-month period		\$500.00		
		Type II Fine	Will not exceed per each day the violation is identified or continues.	\$5,000.00		
		Type III Fine	Fine up to amount specified per each day the violation is identified or continues.	\$500.00		
		Type IV Fine	Fine up to amount specified per each day the violation is identified or continues.	\$500.00		

Section #	Code #	Fee Description	Meter Size	Charges		
State Water Code	#71630 & Annual Board Resolution #4142	Water Availability/Standby Annual Special Assessment Charge	Less than one-acre all I.D.s & Outside an I.D.	\$10.00		
			Per acre in I.D. 1, 5, & Outside an I.D.	\$10.00		
			Per acre in I.D. 2,3,7,9,10,19,20,22,25, & 27	\$30.00		
			Less than one-acre Outside I.D. and greater than one mile from District facilities.	\$3.00		
			Per acre for outside I.D. & greater than one mile from District facilities.	\$3.00		
State Water Code	#71630 & Annual Board Resolution #4142	Sewer Availability/Standby Annual Special Assessment Charge	Less than one acre I.D. 4, 14, & 18	\$10.00		
			Per acre I.D. 4, 14, & 18	\$30.00		
Annual Board Resolution		General Obligation Bond Annual Tax Assessment	Per \$1000 of assessed value for I.D. 27	\$0.005		

**Policies**

5	Copies of Identifiable Public Records		\$0.10/page		
	Cassette Tape Duplication		\$2.00/tape		
	Yearly Subscription Service for Agendas and Ratified Minutes		\$20.00/year or \$0.50/meeting		
	Yearly Subscription Service for Board Packet and Ratified Minutes		\$100.00/year for first copy and \$200.00/year for each copy thereafter		

Otay Water District  
Appendix A

Exhibit 6

Section #	Code #	Fee Description	Meter Size	Charges	
9	9.04 A.1.	District Annexation Processing Fee		\$763.83	
	9.04 B.	Annexation Fees for Water Annexations into Otay Water District Boundaries		District-wide Annexation Fee	
			3/4"	\$1,820.70	
			1"	\$4,551.75	
			1-1/2"	\$9,103.50	
			2"	\$14,565.60	
			3"	\$29,131.20	
			4"	\$45,517.50	
			6"	\$91,035.00	
			8"	\$145,656.00	
			10"	\$209,380.50	
	9.04 C.4.	Annexation Fees for Annexations to Sewer Improvement Districts per EDU		\$1,043.04	
10	10.01	Waiver Request		\$50.00	
23	23.04	Backflow Certification			
		- Second Notification		\$10.00	
		- Third Notification		\$25.00	
		- Reconnection (service resumed)		\$50.00	
		- Initial Filing Fee (New applicants for addition to the list of approved backflow prevention device testers)		\$25.00	
		- Renewal Filing Fee (to remain on list of approved backflow prevention device testers)	Annually	\$10.00	
25	25.03 A.	Set-up Fees for Accounts		\$10.00	
25	25.03 C.	Monthly Fixed System Charges, MWD & CWA Charges <sup>(1)</sup>	Meter Size	System Charge	MWD & CWA Fixed Charge
			3/4"	\$18.50	\$16.84
			1"	\$26.14	\$31.24
					Total Fixed Charge
					\$35.34
					\$57.38

<sup>(1)</sup> All Water used in December and billed in January 2016.

Section #	Code #	Fee Description	Meter Size	Charges		
25	25.03 C.	Monthly Fixed System Charges, MWD & CWA Charges (continued) <sup>(1)</sup>	1-1/2"	\$45.23	\$70.66	\$115.89
			2"	\$68.13	\$120.17	\$188.30
			3"	\$129.22	\$255.60	\$384.82
			4"	\$197.95	\$409.32	\$607.27
			6"	\$388.88	\$837.99	\$1,226.87
			8"	\$617.97	\$1,353.09	\$1,971.06
			10"	\$885.24	\$1,947.62	\$2,832.86
25	25.03 E.1.(b)	Domestic Residential Water Rates <sup>(1)</sup> (The Conservation Tier discount applies toward the first five units of water when overall consumption is ten units or less.)	Conservation Tier	Unit	Charge	
			0 - 5		\$1.99	
			6-10		\$3.10	
			11-22		\$4.03	
			23 or more		\$6.20	
25	25.03 E.2.(b)	Multiple Residential Water Rates - Per Dwelling Unit <sup>(1)</sup>				
				0-4	\$3.06	
				5-9	\$3.96	
				10 or more	\$6.12	
25	25.03 E.3.(b)	Business and Publicly-Owned Water Rates <sup>(1)</sup>	under 10"			
				0-185	\$3.27	
				186-1,400	\$3.32	
				1,401 or more	\$3.37	
			10" & larger			
				0-7,426	\$3.27	
				7,427-14,616	\$3.32	
				14,617 or more	\$3.37	
25	25.03 E.4.(c)	Irrigation and Commercial Agricultural Using Potable Water Rates <sup>(1)</sup>	1" & smaller			
				0-54	\$4.45	
				55-199	\$4.50	
				200 or more	\$4.56	
			1.5" & 2"			
				0-144	\$4.45	
				145-355	\$4.50	
				356 or more	\$4.56	
			3" & larger			
				0-550	\$4.45	
				551-1,200	\$4.50	
				1,201 or more	\$4.56	

<sup>(1)</sup> All Water used in December and billed in January 2016.

Section #	Code #	Fee Description	Meter Size		Charges					
25	25.03 E.5.(c)	Recycled Water <sup>(1)</sup> (Landscape Irrigation and Certain Non-Irrigation Purposes Rates)	3/4" - 1"	0-32	\$3.80					
				33-75	\$3.86					
				76 or more	\$3.91					
			1.5" & 2"	0-130	\$3.80					
				131-325	\$3.86					
				326 or more	\$3.91					
			3" & 4"	0-440	\$3.80					
				441-1,050	\$3.86					
				1,051 or more	\$3.91					
			6" & larger	0-4,000	\$3.80					
				4,001-10,000	\$3.86					
				10,001 or more	\$3.91					
			25	25.03 E.6.(c)	Recycled Commercial <sup>(1)</sup>	under 10"	0-173	\$2.77		
							174-831	\$2.82		
							832 or more	\$2.86		
10" & larger	0-7,426	\$2.77								
	7,427-14,616	\$2.82								
	14,617 or more	\$2.86								
25	25.03 E.7.(b)	Potable Temporary and Construction Water Service Rates <sup>(1)</sup>	1" & smaller	0-54	\$8.90					
				55-199	\$9.00					
				200 or more	\$9.12					
			1.5" & 2"	0-144	\$8.90					
				145-355	\$9.00					
				356 or more	\$9.12					
			3" & larger	0-550	\$8.90					
				551-1,200	\$9.00					
				1,201 or more	\$9.12					
			25	25.03 E.8.(b)	Recycled Temporary and Construction Water Service Rates <sup>(1)</sup>	3/4" - 1"	0-32	\$7.60		
							33-75	\$7.72		
							76 or more	\$7.82		

<sup>(1)</sup> All Water used in December and billed in January 2016.

Section #	Code #	Fee Description	Meter Size		Charges					
25	25.03 E.8.(b)	Recycled Temporary and Construction Water Service Rates (continued) <sup>(1)</sup>	1.5" & 2"	0-130	\$7.60					
				131-325	\$7.72					
				326 or more	\$7.82					
			3" & 4"	0-440	\$7.60					
				441-1,050	\$7.72					
				1,051 or more	\$7.82					
			6" & larger	0-4,000	\$7.60					
				4,001-10,000	\$7.72					
				10,001 or more	\$7.82					
			25	25.03 E.10.(b)	Tank Trucks Water Rates <sup>(1)</sup>	1" & smaller	0-54	\$8.90		
							55-199	\$9.00		
							200 or more	\$9.12		
1.5" & 2"	0-144	\$8.90								
	145-355	\$9.00								
	356 or more	\$9.12								
3" & larger	0-550	\$8.90								
	551-1,200	\$9.00								
	1,201 or more	\$9.12								
25	25.03 E.11.(c)	Application Fee for Water Service Outside District Boundaries						\$500.00		
25	25.03 E.11.(d)	Water Rate for Service Outside District Boundaries <sup>(1)</sup>				1" & smaller	0-54	\$8.90		
							55-199	\$9.00		
			200 or more	\$9.12						
			1.5" & 2"	0-144	\$8.90					
				145-355	\$9.00					
				356 or more	\$9.12					
			3" & larger	0-550	\$8.90					
				551-1,200	\$9.00					
				1,201 or more	\$9.12					
			25	25.03 E.12.(b)	Application Fee for Water Service Outside an Improvement District			\$275.00		

<sup>(1)</sup> All Water used in December and billed in January 2016.

Section #	Code #	Fee Description	Meter Size	Charges	
25	25.03 E.12.(c)	Water Rate for Service Outside Improvement District <sup>(1)</sup>	1" & smaller	0-54	\$8.90
				55-199	\$9.00
				200 or more	\$9.12
			1.5" & 2"	0-144	\$8.90
				145-355	\$9.00
				356 or more	\$9.12
			3" & larger	0-550	\$8.90
				551-1,200	\$9.00
				1,201 or more	\$9.12
25	25.03 E.13.(c)	Fire Service Monthly Charge	3" or less	\$24.16	
			more than 4"	\$32.56	
25	25.03 E.14.(b)	Additional Water Service for Property Not Subject to District Taxes	per unit	.37	
25	25.03 E.15.(b)	Interim Service Water Rate in Improvement District 7 <sup>(1)</sup>	1" & smaller	0-54	\$8.90
				55-199	\$9.00
				200 or more	\$9.12
			1.5" & 2"	0-144	\$8.90
				145-355	\$9.00
				356 or more	\$9.12
			3" & larger	0-550	\$8.90
				551-1,200	\$9.00
				1,201 or more	\$9.12
25	25.03 F.	Energy Charges for Pumping Water <sup>(1)</sup>	Per 100 ft of lift over 450 ft per unit	\$0.072	
25	25.04 A.	Deposits for Non-Property Owners	3/4"	\$75.00	
			1"	\$150.00	
			1-1/2"	\$200.00	

<sup>(1)</sup> All Water used in December and billed in January 2016.

Section #	Code #	Fee Description	Meter Size	Charges		
25	25.04 A.	Deposits for Non-Property Owner (continued)	2"	\$360.00		
			3"	\$800.00		
			4"	\$1,350.00		
			6"	\$3,300.00		
			8"	\$4,400.00		
			10"	\$5,500.00		
28	28.01 B.1.	Capacity Fees and Zone Charge		District-wide Capacity Fee		
		- All IDs excluding Triad	3/4"	\$8,180.35		
			1"	\$20,450.88		
			1-1/2"	\$40,901.75		
			2"	\$65,442.80		
			3"	\$130,885.60		
			4"	\$204,508.75		
			6"	\$409,017.50		
			8"	\$654,428.00		
			10"	\$940,740.25		
		- TRIAD	3/4"	\$6,137.31		
			1"	\$15,343.28		
			1 -1/2"	\$30,686.55		
			2"	\$49,098.48		
			3"	\$98,196.96		
			4"	\$153,432.75		
			6"	\$306,865.50		
			8"	\$490,984.80		
			10"	\$705,790.65		
28	28.01 B.2.	New Water Supply Fee				
		- All IDs including Triad	3/4"	\$1,013.32		
			1"	\$2,533.30		
			1-1/2"	\$5,066.60		
			2"	\$8,106.56		
			3"	\$16,213.12		
			4"	\$25,333.00		
			6"	\$50,666.00		
			8"	\$81,065.60		
			10"	\$116,531.80		

Section #	Code #	Fee Description	Meter Size	Charges			Meter Box/Vault (if Needed)
28	28.02	Installation and Water Meter Charges	Meter Size	Meter Cost	Installation	Total	
		- Potable (Non-Irrigation)	3/4" x 7.5"	\$216.13	\$102.56	\$318.69	\$87.07
			3/4" x 9"	\$230.11	\$102.56	\$332.67	\$87.07
			1"	\$278.89	\$102.56	\$381.45	\$87.07
			1.5"	\$453.31	\$102.56	\$555.87	\$197.39
			2"	\$649.55	\$102.56	\$752.11	\$197.39
			3"	\$2,024.25	\$617.51	\$2,641.76	\$3,521.08
			4"	\$3,515.80	\$617.51	\$4,133.31	\$3,521.08
			6"	\$6,072.73	\$975.40	\$7,048.13	\$3,521.08
			8"	\$7,587.43	\$1,495.69	\$9,083.12	\$5,051.24
			10"	\$10,912.24	\$1,495.69	\$12,407.93	\$5,051.24
		- Potable/Recycled Irrigation	3/4" x 7.5"	\$216.13	\$102.56	\$318.69	\$221.90
			3/4" x 9"	\$230.11	\$102.56	\$332.67	\$221.90
			1"	\$278.89	\$102.56	\$381.45	\$221.90
			1.5"	\$453.31	\$102.56	\$555.87	\$221.90
			2"	\$649.55	\$102.56	\$752.11	\$221.90
			3"	\$1,400.98	\$617.51	\$2,018.49	\$3,521.08
			4"	\$2,727.50	\$617.51	\$3,345.01	\$3,521.08
			6"	\$4,910.39	\$975.40	\$5,885.79	\$3,521.08
			8"	\$6,541.52	\$1,495.69	\$8,037.21	\$5,051.24
			10"	\$9,282.91	\$1,495.69	\$10,778.60	\$5,051.24
		- Combined Fire and Domestic	4"	\$8,364.39	\$617.51	\$8,981.90	\$3,521.08
			6"	\$11,132.28	\$975.40	\$12,107.68	\$3,521.08
			8"	\$16,185.53	\$1,495.69	\$17,681.22	\$5,051.24
			10"	\$22,087.89	\$1,495.69	\$23,583.58	\$5,051.24
31	31.02 D.1.	Requirement of Temporary Meter for Service		minimum/per day	\$25.00		
31	31.03 A.1.	Requirement of Deposit for Temporary Meters					
			3/4"		\$156.85		
			1"		\$184.78		
			1-1/2"		\$379.62		
			2"		\$2,046.00		
			4"		\$1,986.00		
			6"		\$2,465.00		

Section #	Code #	Fee Description	Meter Size	Charges
31	31.03 A.1.	Requirement of Deposit for Temporary Meters (continued)		
		- Construction Trailer Temporary Meter	2"	\$2,046.00
		- Tank Truck Temporary Meter (Ordinance No. 372)	2"	\$850.00
31	31.03 A.4.	Temporary Meter Install & Removal		\$128.00
31	31.03 A.5.	Temporary Meter Move Fee (includes backflow certification)	3/4" - 2"	\$64.00
			3" and larger No backflow test	\$64.00
33	33.07 A.	Customer Request for Meter Test (Deposit)	5/8", 3/4" & 1"	\$25.00
			1-1/2" & 2 "	\$50.00
			3" & Larger	\$125.00
34	34.01 D.2.	Returned Check Charges		\$25.00
34	34.02 B.	Late Payment Charge		5% of Delinquent Balance
34	34.02 G.1.(d)	Delinquency Tag		\$10.00
34	34.02 G.3.(a)	Meter "Turn-On" Charge		During regular business hours \$35.00
34	34.02 G.3.(b)	Meter "Turn-On" Charge		After regular business hours \$65.00
53	53.03 A.1.	Sewer Capacity Fee per EDU for parcels within a Sewer ID		\$4,192.63
53	53.03 A.2.	Sewer Capacity Fee per EDU for parcels not within a Sewer ID		\$6,557.39
53	53.03 B.1.	Sewer Connection Fee - Russell Square		\$7,500.00
53	53.03 B.2.	Monthly Sewer Service Charge - Russell Square		\$200.00
53	53.10 & 11	Set-up Fees for Accounts		\$10.00
53	53.10	Residential Sewer Usage Fee <sup>(2)</sup>	Rate multiplied by winter average units	\$2.46

<sup>(2)</sup> Sewer billed beginning January 1, 2016.

Section #	Code #	Fee Description	Meter Size	Charges
53	53.10	Residential Sewer System Fee <sup>(2)</sup>	5/8", 3/4" & larger	\$17.19
53	53.10 A.	Residential Sewer Without Consumption History <sup>(2)</sup>	5/8", 3/4" & larger	\$46.46
53	53.10 B.	Multi-Residential Usage Fee - Sewer Without Consumption History <sup>(2)</sup>		\$29.27
53	53.10 B.2.	Multi-Residential Usage Fee - Sewer <sup>(2)</sup>	Rate multiplied by winter average units	\$2.46
53	53.10 B. 2.	Multi-Residential System Fee - Sewer <sup>(2)</sup>	.75"	\$27.07
			1"	\$39.86
			1.5"	\$71.82
			2"	\$110.17
			3"	\$199.66
			4"	\$327.51
			6"	\$647.12
			8"	\$1,030.67
			10"	\$1,478.12
53	53.11	Commercial and Institutional Sewer Strength Factors	Low Strength 1	
			Medium Strength 2	
			High Strength 4	
53	53.11	Monthly Usage Fee for Commercial and Institutional Sewer <sup>(2)</sup>	Rate multiplied by annual avg. units	
			Low Strength	\$2.46
			Medium Strength	\$3.53
			High Strength	\$5.63
53	53.11	Monthly System Fee for Commercial and Institutional Sewer <sup>(2)</sup>	.75"	\$27.07
			1"	\$39.86
			1.5"	\$71.82
			2"	\$110.17
			3"	\$199.66
			4"	\$327.51
			6"	\$647.12
			8"	\$1,030.67
			10"	\$1,478.12

<sup>(2)</sup> Sewer billed beginning January 1, 2016.

Section #	Code #	Fee Description	Meter Size	Charges		
60	60.03	Issuance of Availability Letters for Water and/or Sewer Service		\$75.00		
72	72.04 A.1.	Locking or Removing Damaged or Tampered Meters				
		- To Pull and Reset Meter	3/4" - 2"	\$170.00		
		- Broken Curbstop or Tabs	3/4" - 1"	\$192.00		
		- If Customer uses Jumper	3/4" - 1"	\$149.00		
		- Broken Lock/Locking Device	3/4" - 1"	\$56.00		
		- Cap Lock (Welded)	3/4" - 1"	\$158.00		
		- Broken Curbstop or Tabs	1.5" - 2"	\$265.00		
		- To Pull and Reset Meter	3"	\$351.00		
		- To Pull and Reset Meter	4"	\$454.00		
		- To Pull and Reset Meter	6"	\$454.00		
		- To Pull and Reset Meter	8"	\$600.00		
		- To Pull and Reset Meter	10"	\$600.00		
72	72.05 D. A.	Type I Fine				
		- First Violation		\$100.00		
		- Second Violations		\$200.00		
		- Third or each additional violation of that same ordinance or requirement within a twelve-month period		\$500.00		
		Type II Fine	Will not exceed per each day the violation is identified or continues.	\$5,000.00		
		Type III Fine	Fine up to amount specified per each day the violation is identified or continues.	\$500.00		
		Type IV Fine	Fine up to amount specified per each day the violation is identified or continues.	\$500.00		

Section #	Code #	Fee Description	Meter Size	Charges		
State Water Code	#71630 & Annual Board Resolution #4142	Water Availability/Standby Annual Special Assessment Charge	Less than one-acre all I.D.s & Outside an I.D.	\$10.00		
			Per acre in I.D. 1, 5, & Outside an I.D.	\$10.00		
			Per acre in I.D. 2,3,7,9,10,19,20,22,25, & 27	\$30.00		
			Less than one-acre Outside I.D. and greater than one mile from District facilities.	\$3.00		
			Per acre for outside I.D. & greater than one mile from District facilities.	\$3.00		
State Water Code	#71630 & Annual Board Resolution #4142	Sewer Availability/Standby Annual Special Assessment Charge	Less than one acre I.D. 4, 14, & 18	\$10.00		
			Per acre I.D. 4, 14, & 18	\$30.00		
Annual Board Resolution		General Obligation Bond Annual Tax Assessment	Per \$1000 of assessed value for I.D. 27	\$0.005		

**Policies**

5	Copies of Identifiable Public Records	\$0.10/page		
	Cassette Tape Duplication	\$2.00/tape		
	Yearly Subscription Service for Agendas and Ratified Minutes	\$20.00/year or \$0.50/meeting		
	Yearly Subscription Service for Board Packet and Ratified Minutes	\$100.00/year for first copy and \$200.00/year for each copy thereafter		

# Otay Water District FY2016 Budget Adoption

June 3, 2015

# Water Conservation Options

	Proposed Rate Increase	Debt Coverage Ratio (with growth)	Debt Coverage Ratio (without growth)	Critical Conservation Point
0% Conservation	3.9%	175.0%	155.8%	15.6%
8% Conservation	4.7%	162.4%	143.6%	16.5%
10% Conservation	4.8%	151.6%	133.0%	16.6%
12% Conservation	5.4%	141.1%	122.6%	17.2%
16% Conservation	8.6%	141.2%	122.9%	20.5%
20% Conservation	12.0%	140.5%	122.4%	23.8%
Target		150%		
Minimum		125%	100%	

# New Items Being Presented

- ▶ Resolution 4290
- ▶ Salary Schedule
- ▶ Ordinance
  - ▶ Changes to Code of Ordinances Sections 25 and 53
  - ▶ Changes to Appendix A (Schedule of Fees)
- ▶ Rate Increase Notices

# Changes to Code of Ordinances

- ▶ Section 25 - Conditions for Water Service
  - ▶ 25.03.B. - Added CWA Supply Reliability Charge
- ▶ Section 53 - Conditions for Sewer Service
  - ▶ 53.02 & 53.03 - Removed reference to AD4 and ID14 (will be consolidated with ID18 effective July 1, 2015)
  - ▶ 53.08.B.3. - Add "1,000" square feet to description

# Recommendations

- ▶ Adopt Resolution No. 4290 to approve:
  - ▶ FY2016 Operating Budget \$89.1M
  - ▶ FY2016-2021 CIP Budget \$11.1M
  - ▶ Listing of Job Classifications and Salary Schedule
- ▶ Adopt Ordinance No. 550 to implement rate increases effective January 1, 2016
  - ▶ Water 5.4%
  - ▶ Sewer \$1.30 increase in residential system fee
- ▶ Approve the fund transfers
- ▶ Direct staff to send rate increase notices

QUESTIONS?

*Si gusta asistencia en Español, referente a esta notificación, favor de llamar al 619-670-2222.*



## Notice of Residential Water Rate Increase

Otay Water District  
2554 Sweetwater Springs Blvd.  
Spring Valley, CA 91978-2004  
619-670-2222  
[www.otaywater.gov](http://www.otaywater.gov)

### NOTICE OF INCREASED WATER RATES AND CHARGES EFFECTIVE FOR WATER BILLED IN JANUARY 2016

Dear Customer,

An overall average rate increase of 5.4 percent was approved by the Otay Water District (the "District") as part of the annual budget adoption process completed in June 2015. For a typical single-family residential water customer, your water bill will increase by \$4.06 per month beginning January 1, 2016. Depending on your billing cycle, the new rates and charges will apply to water used as early as the beginning of December 2015. **This letter serves as a 30-day notice of rate increases.**

The District is a revenue-neutral public agency. To continue providing reliable high-quality water service the District must implement rate increases and pass-through to its customers higher costs from wholesale water suppliers. All of these increases are a result of higher costs from those suppliers which include the Metropolitan Water District of Southern California (MWD), San Diego County Water Authority (CWA), and the City of San Diego, as well as power cost increases from SDG&E.

On September 4, 2013, the District adopted a five-year schedule of rates in compliance with applicable provisions of the law. This increase is within the limits approved in the five-year schedule of rates.

Water wholesalers raise their water rates as they work to obtain new and more reliable supplies of water or build new and more reliable infrastructure. This includes agricultural to urban water transfers, expansion of reservoirs, pipeline relining projects, new water treatment plants, as well as potential new sources of water supplies such as ocean water desalination. In addition, rate increases cover the cost of acquiring imported water from the Colorado River and Northern California.

For its part, the District continues to work to reduce internal costs including reducing the number of full-time employees and instituting efficiency programs that help reduce the impact of higher rates from suppliers. The District also continually strives to be among the lower cost water service providers in San Diego County.

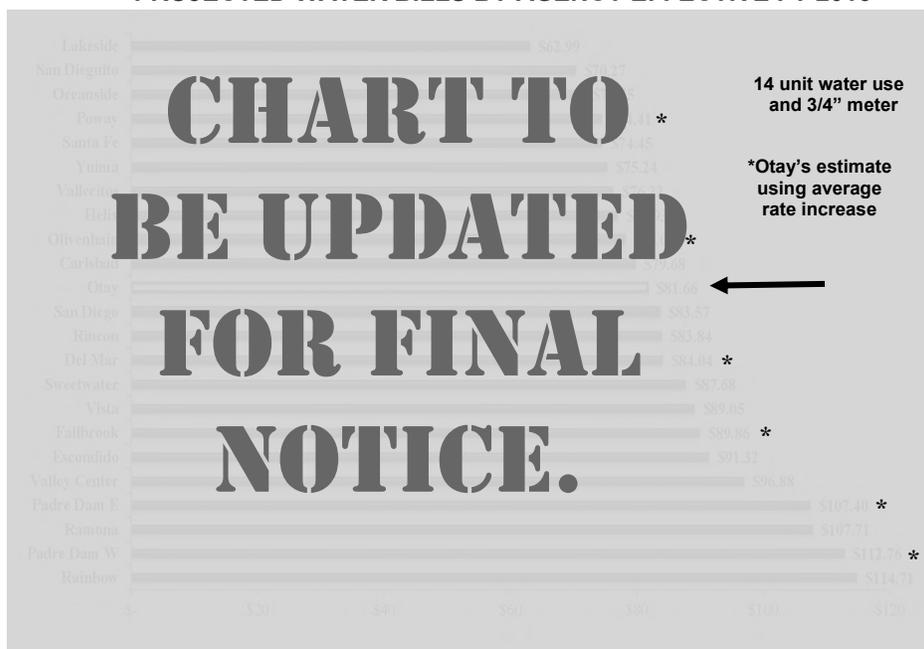
With water resources stretched thin across California, and mandates on all Californians to save water, customers interested in learning ways in which they can reduce their water use to minimize the effects of this

rate increase can visit the District's Conservation pages at [www.otaywater.gov](http://www.otaywater.gov). The District provides information on rebates, incentives, water audits, and other resources to help you save water.

The Water Conservation Garden located in Rancho San Diego is free to the public and offers various conservation exhibits and classes to help you save water too. Please visit the Water Conservation Garden, or visit [www.thegarden.org](http://www.thegarden.org).

For more information about the Otay Water District, visit [www.otaywater.gov](http://www.otaywater.gov) or contact us at [info@otaywater.gov](mailto:info@otaywater.gov).

#### PROJECTED WATER BILLS BY AGENCY EFFECTIVE FY 2016



*Dedicated to Community Service*

*Si gusta asistencia en Español, referente a esta notificación, favor de llamar al 619-670-2222.*

## Typical Bill at 14 HCF<sup>2</sup> (or Units) of Water per Month

Your bill will vary based on meter size, water consumption in units, and geographic location.

	MWD/CWA <sup>1</sup>	System Fee <sup>1</sup>	Water Rate <sup>2</sup>	Energy Charge <sup>4</sup>	Total <sup>5</sup>
<b>Current</b>	\$13.67	\$19.39	\$46.19	\$2.41	\$81.66
<b>New</b>	\$16.84	\$18.50	\$47.12	\$3.27	\$85.73
<b>Increase in monthly water bill:</b>					\$ 4.06

## New Rates and Fees

### Single Family Consumption Blocks (Units or HCF)<sup>2</sup>

#### Conservation Tier<sup>3</sup>

6 - 10

11 - 22

23 +

#### Current

\$1.95

\$3.04

\$3.95

\$6.08

#### New

\$1.99

\$3.10

\$4.03

\$6.20

Meter Size	Current			New		
	System Fee	MWD/CWA	Total	System Fee	MWD/CWA	Total
3/4"	\$19.39	\$13.67	\$33.06	\$18.50	\$16.84	\$35.34
1"	\$27.39	\$25.35	\$52.74	\$26.14	\$31.24	\$57.38
1 1/2"	\$47.40	\$57.35	\$104.75	\$45.23	\$70.66	\$115.89
2"	\$71.39	\$97.53	\$168.92	\$68.13	\$120.17	\$188.30

## Other Charges

	Current	New
<b>Energy Charges<sup>4</sup></b>	\$0.050	\$0.072
<b>Fire Service &lt;3"meter<sup>6</sup></b>	\$25.32	\$24.16
<b>Fire Service &gt;4"meter<sup>6</sup></b>	\$34.12	\$32.56

## Footnotes

1. These fees vary based on the meter size. The MWD/CWA fee is increasing to match the costs from these water suppliers. The System Fee pays for betterment, replacement, and maintenance of water system infrastructure, as well as operating expenses. The system fee is decreasing, reflecting the lower funding of reserves.
2. This cost varies based on water usage and can be calculated using the consumption block tables. One unit of consumption equals 748 gallons of water or one HCF (hundred cubic feet).
3. The Conservation Tier discount applies toward the first five units when overall consumption is ten units or less.
4. The Energy Charge represents the cost of energy required to pump each unit of water 100 feet in elevation. This is charged proportionately for every foot of elevation over 450 feet.
5. Charges collected through the property tax role (availability fees and general obligation debt) are not included in this total.
6. Fire Service requires a separate meter and this fee is based on meter size.

***This information reflects only changes to rates. For a comprehensive listing, please see the Otay Water District's Code of Ordinances at [www.otaywater.gov](http://www.otaywater.gov). Prolonged drought conditions or declared water shortages may impact rates.***

*Si gusta asistencia en Español, referente a esta notificación, favor de llamar al 619-670-2222.*



## Notice of Residential and Single-Family Sewer Rate Increase

Otay Water District  
2554 Sweetwater Springs Blvd.  
Spring Valley, CA 91978-2004  
619-670-2222  
www.otaywater.gov

### NOTICE OF SEWER RATES AND CHARGES EFFECTIVE FOR SEWER SERVICE BILLED IN JANUARY 2016

Dear Customer,

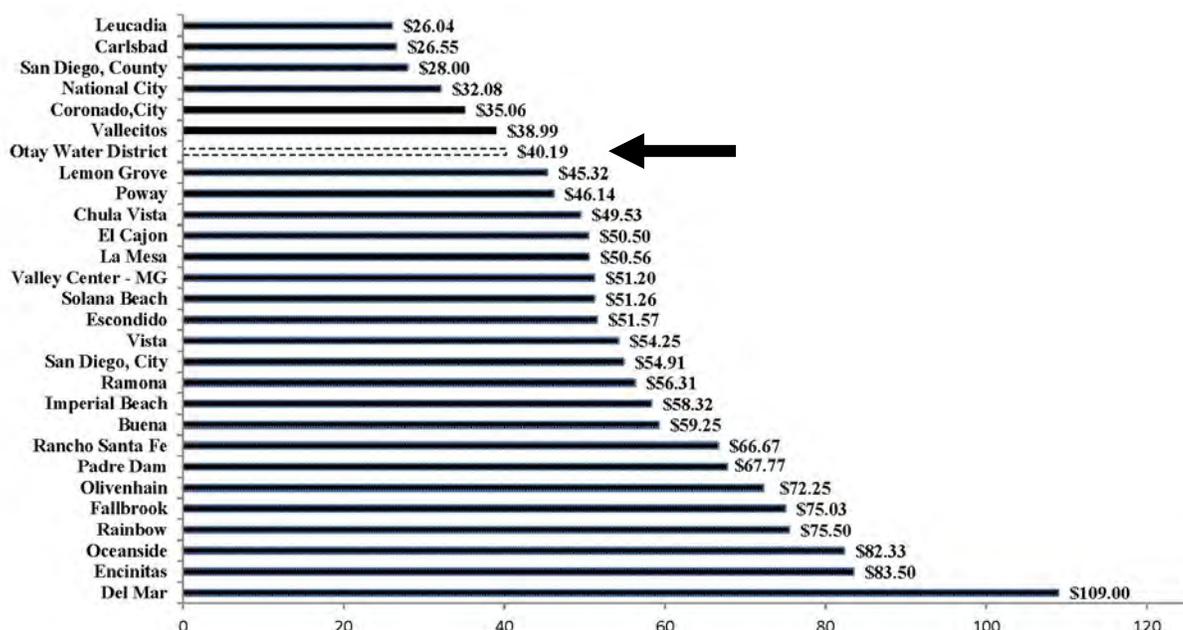
As part of the annual budget adoption process completed in June 2015, the Otay Water District (the "District") approved no variable rate increases for the calendar year 2016. However, as part of the 2013 Cost of Service Study, the District approved a three-year phase-in of the Monthly System fee. The phase-in resulted in a shortfall of \$1.30 in the 2014 Monthly System Fee to be recaptured in 2016. For a typical sewer customer, your bill will increase by \$1.30. The new sewer rates and charges will apply to service billed beginning January 1, 2016 and, depending on your billing cycle, will apply to service as early as the beginning of December 2015. **This letter provides a 30-day notice of rate increases.**

The District is a revenue-neutral public agency. Your sewer bill reflects only those charges sufficient to support your sewer service. To continue providing sewer service, the District must adjust its rates for service, implement certain rate increases, and pass-through costs from the District's treatment and disposal providers (including but not limited to the County of San Diego and the City of San Diego) to its customers that reflect the full cost of providing the service.

Such costs include inspection and preventative maintenance of the public sewer system and replacement of aging sewer infrastructure. These actions protect the public's investment in the public sewer system, minimize maintenance costs, reduce the possibility of pipeline breaks, blockages or spills, and keep sewer rates affordable.

On September 4, 2013, the District adopted a five-year schedule of rates in compliance with applicable provisions of law. This sewer rate increase is within the limits approved in the five-year schedule of rates. For its part, the District has worked diligently to reduce internal costs and continues to be one of the lowest cost sewer service providers in San Diego County. For more information about the Otay Water District, please visit [www.otaywater.gov](http://www.otaywater.gov) or contact us via email at [info@otaywater.gov](mailto:info@otaywater.gov).

### PROJECTED AVERAGE SEWER BILLS BY AGENCY EFFECTIVE FY 2016



*Dedicated to Community Service*

## Residential and Single Family Sewer Service Bill Calculation

The monthly sewer service charge for a typical single-family residential customer with either a 3/4" or 1" water meter and a Winter Average of 14 HCF (hundred cubic feet) will be calculated as follows:

$$\text{((Usage Fee x Winter Average) x 85\%)} + \text{System Fee} = \text{Sewer Service bill}$$

### Rates and Fees

	Current	New
Usage Fee	2.46	2.46
System Fee	15.89	17.19 <sup>(1)</sup>

### Typical Bill at 11.9 HCF (or Units) of Water per Month

A typical bill is based on 11.9 HCF of water (14 HCF - 2.1 HCF). This 15 percent discount is an acknowledgement that not all water purchased goes to the sewer system. Based on 30 HCF, the maximum bill for a single-family residential meter is \$99.60 which has already been reduced by the 15 percent discount. One HCF equals 748 gallons or one "unit" of water.

The Winter Average is defined as the units of water billed from January through April of the previous year divided by four. New customers will have a Winter Average assigned of 14 HCF until a Winter Average can be established.

	<u>Usage Fee</u>	<u>HCF of water less 15% discount</u>	<u>System Fee</u>	<u>Total</u>
<b>Current</b>	\$2.46	11.9	\$15.89	\$45.16
<b>New</b>	\$2.46	11.9	\$17.19 <sup>(1)</sup>	\$46.46

### Footnotes

<sup>(1)</sup> In September 2013, the District approved a three-year phase-in of the Monthly System Fee. The phase-in resulted in a shortfall of \$1.30 in 2014 to be recaptured in 2016.

*Si gusta asistencia en Español, referente a esta notificación, favor de llamar al 619-670-2222.*



## Notice of Public and Commercial Water Rate Increase

Otay Water District  
2554 Sweetwater Springs Blvd.  
Spring Valley, CA 91978  
619-670-2222

### NOTICE OF INCREASED WATER RATES AND CHARGES EFFECTIVE FOR WATER BILLED IN JANUARY 2016

Dear Customer,

An overall average rate increase of 5.4 percent was approved by the Otay Water District (the "District") as part of the annual budget adoption process completed in June 2015. The new water rates and charges will apply to water billed beginning January 1, 2016 and, depending on your billing cycle, will apply to water used as early as the beginning of December 2015. **This letter serves as a 30-day notice of rate increases.**

The District is a revenue-neutral public agency. To continue providing reliable high-quality water service the District must implement rate increases and pass-through to its customers higher costs from wholesale water suppliers. All of these increases are a result of higher costs from those suppliers which include the Metropolitan Water District of Southern California (MWD), San Diego County Water Authority (CWA), and the City of San Diego, as well as power cost increases from SDG&E.

On September 4, 2013, the District adopted a five-year schedule of rates in compliance with applicable provisions of the law. This increase is within the limits approved in the five-year schedule of rates.

Water wholesalers raise their water rates as they work to obtain new and more reliable supplies of water or build new and more reliable infrastructure. This includes agricultural to urban water transfers, expansion of reservoirs, pipeline relining projects, new water treatment plants, as well as potential new sources of water supplies such as ocean water desalination. In addition, rate increases cover the cost of acquiring imported water from the Colorado River and Northern California.

For its part, the District continues to work to reduce internal costs including reducing the number of full-time employees and instituting efficiency programs that help reduce the impact of higher rates from suppliers. The District also continually strives to be among the lower cost water service providers in San Diego County.

With water resources stretched thin across California and mandates on all Californians to save water, customers interested in learning ways in which they can reduce their water use to minimize the effects of this rate increase can visit the District's Conservation pages at [www.otaywater.gov](http://www.otaywater.gov). The District provides information on rebates, incentives, water audits, and other resources to help you save water.

The Water Conservation Garden in Rancho San Diego is free to the public and offers various conservation exhibits and classes to help you save water. Please visit the Water Conservation Garden, or go to [www.thegarden.org](http://www.thegarden.org).

For more information about the Otay Water District, visit [www.otaywater.gov](http://www.otaywater.gov) or contact us at [info@otaywater.gov](mailto:info@otaywater.gov).

*Dedicated to Community Service*

## Consumption Blocks by Unit and System Fees by Meter Size

### Public and Commercial Water Usage Fee (<10" meter)

Consumption Blocks (units) <sup>1</sup>	<u>Current</u>	<u>New</u>
0 - 185	\$3.21	\$3.27
186 - 1,400	\$3.26	\$3.32
1,401 or more	\$3.31	\$3.37

### Public and Commercial Water Usage Fee (10" meter)

Consumption Blocks (units) <sup>1</sup>	<u>Current</u>	<u>New</u>
0 - 7,426	\$3.21	\$3.27
7,427 - 14,616	\$3.26	\$3.32
14,617 or more	\$3.31	\$3.37

Meter Size	<u>Current</u>			<u>New</u>		
	System Fee <sup>2</sup>	MWD/CWA <sup>2</sup>	Total	System Fee <sup>2</sup>	MWD/CWA <sup>2</sup>	Total
3/4"	\$19.39	\$13.67	\$33.06	\$18.50	\$16.84	\$35.34
1"	\$27.39	\$25.35	\$52.74	\$26.14	\$31.24	\$57.38
1 1/2"	\$47.40	\$57.35	\$104.75	\$45.23	\$70.66	\$115.89
2"	\$71.39	\$97.53	\$168.92	\$68.13	\$120.17	\$188.30
3"	\$135.41	\$207.44	\$342.85	\$129.22	\$255.60	\$384.82
4"	\$207.43	\$332.20	\$539.63	\$197.95	\$409.32	\$607.27
6"	\$407.50	\$680.02	\$1,087.52	\$388.88	\$837.89	\$1,226.77
8"	\$647.56	\$1,098.15	\$1,745.71	\$617.97	\$1,353.09	\$1,971.06
10"	\$927.63	\$1,580.67	\$2,508.30	\$885.24	\$1,947.62	\$2,832.86

## Other Charges

	<u>Current</u>	<u>New</u>
<b>Energy Charges<sup>3</sup></b>	\$0.050	\$0.072
<b>Government Fee<sup>4</sup></b>	\$0.32	\$0.37
<b>Fire Service &lt;3"meter<sup>5</sup></b>	\$25.32	\$24.16
<b>Fire Service &gt;4"meter<sup>5</sup></b>	\$34.12	\$32.56

## Footnotes

- This cost varies based on water usage and can be calculated using the consumption block tables. One unit of consumption equals 748 gallons of water.
- These fees vary based on the meter size. The MWD/CWA fee is increasing to match the cost from the District's water suppliers. The System Fee pays for betterment, replacement, and maintenance of water system infrastructure, as well as operating expenses. The system fee is decreasing, reflecting the lower funding of reserves.
- The Energy Charge represents the cost of energy required to pump each unit of water 100 feet in elevation. This is charged proportionately for every foot of elevation over 450 feet.
- This charge is a per unit charge in lieu of tax revenues paid by non-government customers.
- Fire Service requires a separate meter and is a fee based on meter size.

*This information reflects only changes to rates. For a comprehensive listing of rates, please see the Otay Water District's Code of Ordinances at [www.otaywater.gov](http://www.otaywater.gov). Prolonged drought conditions or declared water shortages may impact rates.*

*Si gusta asistencia en Español, referente a esta notificación, favor de llamar al 619-670-2222.*



Otay Water District  
2554 Sweetwater Springs Blvd.  
Spring Valley, CA 91978-2004  
619-670-2222  
[www.otaywater.gov](http://www.otaywater.gov)

## Notice of Landscape, Agricultural, and Construction Water Rate Increase

### NOTICE OF INCREASED WATER RATES AND CHARGES EFFECTIVE FOR WATER BILLED IN JANUARY 2016

Dear Customer,

An overall average rate increase of 5.4 percent was approved by the Otay Water District (the "District") as part of the annual budget adoption process completed in June 2015. The new water rates and charges will apply to water billed beginning January 1, 2016 and, depending on your billing cycle, will apply to water used as early as the beginning of December 2015. **This letter serves as a 30-day notice of rate increases.**

The District is a revenue-neutral public agency. To continue providing reliable high-quality water service the District must implement rate increases and pass-through to its customers higher costs from wholesale water suppliers. All of these increases are a result of higher costs from those suppliers which include the Metropolitan Water District of Southern California (MWD), San Diego County Water Authority (CWA), and the City of San Diego, as well as power cost increases from SDG&E.

On September 4, 2013, the District adopted a five-year schedule of rates in compliance with applicable provisions of the law. This increase is within the limits approved in the five-year schedule of rates.

Water wholesalers raise their water rates as they work to obtain new and more reliable supplies of water or build new and more reliable infrastructure. This includes agricultural to urban water transfers, expansion of reservoirs, pipeline relining projects, new water treatment plants, as well as potential new sources of water supplies such as ocean water desalination. In addition, rate increases cover the cost of acquiring imported water from the Colorado River and Northern California.

For its part, the District continues to work to reduce internal costs including reducing the number of full-time employees and instituting efficiency programs that help reduce the impact of higher rates from suppliers. The District also continually strives to be among the lower cost water service providers in San Diego County.

With water resources stretched thin across California and mandates on all Californians to save water, customers interested in learning ways in which they can reduce their water use to minimize the effects of this rate increase can visit the District's Conservation pages at [www.otaywater.gov](http://www.otaywater.gov). The District provides information on rebates, incentives, water audits, and other resources to help you save water.

The Water Conservation Garden in Rancho San Diego is free to the public and offers various conservation exhibits and classes to help you save water. Please visit the Water Conservation Garden, or go to [www.thegarden.org](http://www.thegarden.org).

For more information about the Otay Water District, visit [www.otaywater.gov](http://www.otaywater.gov) or contact us at [info@otaywater.gov](mailto:info@otaywater.gov).

*Dedicated to Community Service*

## Consumption Blocks by Unit and System Fees by Meter Size

### Water Usage Fee<sup>1</sup> - Landscape, Agricultural, and Construction Water (3/4" to 1" meter)

Consumption Blocks (units) <sup>1</sup>	Current	New
0 - 54	\$4.37	\$4.45
55 - 199	\$4.42	\$4.50
200 or more	\$4.47	\$4.56

### Water Usage Fee<sup>1</sup> - Landscape, Agricultural, and Construction Water (1 1/2" to 2" meter)

Consumption Blocks (units) <sup>1</sup>	Current	New
0 - 144	\$4.37	\$4.45
145 - 355	\$4.42	\$4.50
356 or more	\$4.47	\$4.56

### Water Usage Fee<sup>1</sup> - Landscape, Agricultural, and Construction Water (3"+ meter)

Consumption Blocks (units) <sup>1</sup>	Current	New
0 - 550	\$4.37	\$4.45
551 - 1,200	\$4.42	\$4.50
1,201 or more	\$4.47	\$4.56

Meter Size	Current			New		
	System Fee <sup>2</sup>	MWD/CWA <sup>2</sup>	Total	System Fee <sup>2</sup>	MWD/CWA <sup>2</sup>	Total
3/4"	\$19.39	\$13.67	\$33.06	\$18.50	\$16.84	\$35.34
1"	\$27.39	\$25.35	\$52.74	\$26.14	\$31.24	\$57.38
1 1/2"	\$47.40	\$57.35	\$104.75	\$45.23	\$70.66	\$115.89
2"	\$71.39	\$97.53	\$168.92	\$68.13	\$120.17	\$188.30
3"	\$135.41	\$207.44	\$342.85	\$129.22	\$255.60	\$384.82
4"	\$207.43	\$332.20	\$539.63	\$197.95	\$409.32	\$607.27
6"	\$407.50	\$680.02	\$1,087.52	\$388.88	\$837.89	\$1,226.77
8"	\$647.56	\$1,098.15	\$1,745.71	\$617.97	\$1,353.09	\$1,971.06
10"	\$927.63	\$1,580.67	\$2,508.30	\$885.24	\$1,947.62	\$2,832.86

## Other Charges

	Current	New
Energy Charges <sup>3</sup>	\$0.050	\$0.072
Government Fee <sup>5</sup>	\$0.32	\$0.37
Fire Service < 3" meter <sup>4</sup>	\$25.32	\$24.16
Fire Service >4" meter <sup>4</sup>	\$34.12	\$32.56

## Footnotes

- This rate is a per unit charge. Customers outside the Otay Water District, an Improvement District, or using temporary meters pay two times this rate. One unit of consumption equals 748 gallons of water.
- These fees vary based on the meter size. The MWD/CWA fee is increasing to match the cost from the District's water suppliers. The System Fee pays for betterment, replacement, and maintenance of water system infrastructure, as well as operating expenses. The system fee is decreasing reflecting the lower funding of reserves.
- The Energy Charge represents the cost of energy required to pump each unit of water 100 feet in elevation. This is charged proportionately for every foot of elevation over 450 feet.
- Fire Service requires a separate meter and is a monthly fee based on meter size.
- This charge is per unit charge and your bill will vary based on water consumption

*This information reflects only changes to rates. For a comprehensive listing, please see the Otay Water District's Code of Ordinances at [www.otaywater.gov](http://www.otaywater.gov). Prolonged drought conditions or declared water shortages may impact rates.*

*Si gusta asistencia en Español, referente a esta notificación, favor de llamar al 619-670-2222.*



## Notice of Recycled Water Rate Increase

Otay Water District  
2554 Sweetwater Springs Blvd.  
Spring Valley, CA 91978-2014  
619-670-2222  
[www.otaywater.gov](http://www.otaywater.gov)

### NOTICE OF INCREASED RECYCLED WATER RATES AND CHARGES EFFECTIVE FOR WATER BILLED IN JANUARY 2016

Dear Customer,

An overall average rate increase of 5.4 percent was approved by the Otay Water District (the "District") as part of the annual budget adoption process completed in June 2015. The new water rates and charges will apply to water billed beginning January 1, 2016 and, depending on your billing cycle, will apply to water used as early as the beginning of December 2015. **This letter serves as a 30-day notice of rate increases.**

Recycled water rates are based in part on the cost of potable water from the District's wholesale suppliers. To continue providing reliable high-quality service, the District must implement rate increase and pass-through to its customers higher costs from wholesalers water suppliers. All of these increases are a result of higher cost from those suppliers, which include the Metropolitan Water District of Southern California (MWD), San Diego County Water Authority (CWA), and the City of San Diego, as well as power cost increases from SDG&E.

Producing and distributing recycled water is also costly and the District is a revenue-neutral public agency. To help offset the cost of supplying alternative water sources, the District receives financial incentives from its wholesale water suppliers. Everyone benefits from recycled water, including potable water customers, because it diversifies our water sources. Therefore, potable and recycled water rates are calculated in a combined manner. Recycled rates are then discounted by 15 percent, recognizing the added expense to use recycled water. Today, approximately 13 percent of the District's water supply is made up of recycled water and there are plans to continue expanding the system.

On September 4, 2013, the District adopted a five-year schedule of rates in compliance with applicable provisions of the law. This increase is within the limits approved in the five-year schedule of rates.

Water wholesalers raise their water rates as they work to obtain new and more reliable supplies of water or build new and more reliable infrastructure. This includes agricultural to urban water transfers expansion of reservoirs, pipeline relining projects, new water treatment plants, as well as potential new sources of water supplies such as ocean water desalination. In addition, rate increases cover the cost of acquiring imported water from the Colorado River and Northern California.

For its part, the District continues to work to reduce internal costs including reducing the number of full-time employees and instituting efficiency programs that help reduce the impact of higher rates from suppliers. The District also continually strives to be among the lower cost water service providers in San Diego County.

With water resources stretched thin across California and mandates on all Californians to save water, customers interested in learning ways in which they can reduce their water use to minimize the effects of this rate increase can visit the District's Conservation pages at [www.otaywater.gov](http://www.otaywater.gov). The District provides information on rebates, incentives, water audits, and other resources to help you save water.

The Water Conservation Garden in Rancho San Diego is free to the public and offers various conservation exhibits and classes to help you save water. Please visit the Water Conservation Garden, or go to [www.thegarden.org](http://www.thegarden.org).

For more information about the Otay Water District, visit [www.otaywater.gov](http://www.otaywater.gov) or contact us at [info@otaywater.gov](mailto:info@otaywater.gov).

*Dedicated to Community Service*

## Consumption Fees by Meter Size

	Current	New
<b>Recycled Irrigation Usage Fee<sup>1</sup> (3/4" to 1.0" meter)</b>		
<b>Consumption Blocks (units)<sup>1</sup></b>		
0 - 32	\$3.73	\$3.80
33 - 75	\$3.79	\$3.86
76 or more	\$3.84	\$3.91

	Current	New
<b>Recycled Irrigation Usage Fee<sup>1</sup> (1 1/2" to 2.0" meter)</b>		
<b>Consumption Blocks (units)<sup>1</sup></b>		
0 - 130	\$3.73	\$3.80
131 - 325	\$3.79	\$3.86
326 or more	\$3.84	\$3.91

	Current	New
<b>Recycled Irrigation Usage Fee<sup>1</sup> (3" &amp; 4" meter)</b>		
<b>Consumption Blocks (units)<sup>1</sup></b>		
0 - 440	\$3.73	\$3.80
441 - 1,050	\$3.79	\$3.86
1,051 or more	\$3.84	\$3.91

	Current	New
<b>Recycled Irrigation Usage Fee<sup>1</sup> (&gt;6" meter)</b>		
<b>Consumption Blocks (units)<sup>1</sup></b>		
0 - 4,000	\$3.73	\$3.80
4,001 - 10,000	\$3.79	\$3.86
10,001 or more	\$3.84	\$3.91

	Current	New
<b>Recycled Water Usage Commercial<sup>1</sup> (&lt;10" meter)</b>		
<b>Consumption Blocks (units)<sup>1</sup></b>		
0 - 173	\$2.72	\$2.77
174 - 831	\$2.77	\$2.82
832 or more	\$2.81	\$2.86

	Current	New
<b>System Fees<sup>2</sup></b>		
<b>Meter Size</b>		
3/4"	\$19.39	\$18.50
1"	\$27.39	\$26.14
1 1/2"	\$47.40	\$45.23
2"	\$71.39	\$68.13
3"	\$135.41	\$129.22
4"	\$207.43	\$197.95
6"	\$407.50	\$388.88
8"	\$647.56	\$617.97
10"	\$927.63	\$885.24

	Current	New
<b>Recycled Water Usage Commercial<sup>1</sup> (&gt;10" meter)</b>		
<b>Consumption Blocks (units)<sup>1</sup></b>		
0 - 7,426	\$2.72	\$2.77
7,427 - 14,616	\$2.77	\$2.82
14,617 or more	\$2.81	\$2.86

	Current	New
<b>Government Fee<sup>4</sup></b>		
	\$0.32	\$0.37

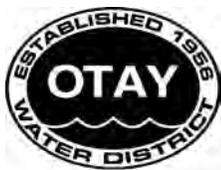
	Current	New
<b>Energy Charges<sup>3</sup></b>		
	\$0.050	\$0.072

## Footnotes

1. Recycled water rates are based on meter size and the number of recycled water units used each month. Customers outside the Otay Water District, an Improvement District, or using temporary meters pay two times this rate. A unit of recycled water equals 748 gallons.
2. Systems Fees vary based on meter size. This fee pays for betterment, replacement, and maintenance of water system infrastructure, as well as operating expenses. The system fee is decreasing, reflecting the lower funding of reserves.
3. The Energy Charge represents the cost of energy required to pump each unit of recycled water 100 feet in elevation. This is charged proportionately for every foot of elevation over 450 feet.
4. This charge is a per unit charge in lieu of tax revenues paid by non-government customers.

*This information reflects only changes to rates. For a comprehensive listing, please see the Otay Water District's Code of Ordinances at [www.otaywater.gov](http://www.otaywater.gov). Prolonged drought conditions or declared water shortages may impact rates.*

*Si gusta asistencia en Español, referente a esta notificación, favor de llamar al 619-670-2222.*



## Notice of Master Metered for Multi-Residential Water Rate Increase

Otay Water District  
2554 Sweetwater Springs Blvd.  
Spring Valley, CA 91978-2004  
619-670-2222  
[www.otaywater.gov](http://www.otaywater.gov)

### NOTICE OF INCREASED WATER RATES AND CHARGES EFFECTIVE FOR WATER BILLED IN JANUARY 2016

Dear Customer,

An overall average rate increase of 5.4 percent was approved by the Otay Water District (the "District") as part of the annual budget adoption process completed in June 2015. The new water rates and charges will apply to water billed beginning January 1, 2016 and, depending on your billing cycle, will apply to water used as early as the beginning of December 2015. **This letter serves as a 30-day notice of rate increases.**

The District is a revenue-neutral public agency. To continue providing reliable high-quality water service the District must implement rate increases and pass-through to its customers higher costs from wholesale water suppliers. All of these increases are a result of higher costs from those suppliers which include the Metropolitan Water District of Southern California (MWD), San Diego County Water Authority (CWA), and the City of San Diego, as well as power cost increases from SDG&E.

On September 4, 2013, the District adopted a five-year schedule of rates in compliance with applicable provisions of the law. This increase is within the limits approved in the five-year schedule of rates.

Water wholesalers raise their water rates as they work to obtain new and more reliable supplies of water or build new and more reliable infrastructure. This includes agricultural to urban water transfers, expansion of reservoirs, pipeline relining projects, new water treatment plants, as well as potential new sources of water supplies such as ocean water desalination. In addition, rate increases cover the cost of acquiring imported water from the Colorado River and Northern California.

For its part, the District continues to work to reduce internal costs including reducing the number of full-time employees and instituting efficiency programs that help reduce the impact of higher rates from suppliers. The District also continually strives to be among the lower cost water service providers in San Diego County.

With water resources stretched thin across California and mandates on all Californians to save water, customers interested in learning ways in which they can reduce their water use to minimize the effects of this rate increase can visit the District's Conservation pages at [www.otaywater.gov](http://www.otaywater.gov). The District provides information on rebates, incentives, water audits, and other resources to help you save water.

The Water Conservation Garden in Rancho San Diego is free to the public and offers various conservation exhibits and classes to help you save water. Please visit the Water Conservation Garden, or go to [www.thegarden.org](http://www.thegarden.org).

For more information about the Otay Water District, visit [www.otaywater.gov](http://www.otaywater.gov) or contact us at [info@otaywater.gov](mailto:info@otaywater.gov).

*Dedicated to Community Service*

*Si gusta asistencia en Español, referente a esta notificación, favor de llamar al 619-670-2222.*

## Consumption Blocks by Unit and System Fees by Meter Size

### Master Metered for Multi-Residential

Consumption Blocks (units) <sup>1</sup>	Current	New
0 - 4	\$3.00	\$3.06
5 - 9	\$3.89	\$3.96
10 or more	\$6.00	\$6.12

Meter Size	Current			New		
	System Fee <sup>2</sup>	MWD/CWA <sup>2</sup>	Total	System Fee <sup>2</sup>	MWD/CWA <sup>2</sup>	Total
3/4"	\$19.39	\$13.67	\$33.06	\$18.50	\$16.84	\$35.34
1"	\$27.39	\$25.35	\$52.74	\$26.14	\$31.24	\$57.38
1 1/2"	\$47.40	\$57.35	\$104.75	\$45.23	\$70.66	\$115.89
2"	\$71.39	\$97.53	\$168.92	\$68.13	\$120.17	\$188.30
3"	\$135.41	\$207.44	\$342.85	\$129.22	\$255.60	\$384.82
4"	\$207.43	\$332.20	\$539.63	\$197.95	\$409.32	\$607.27
6"	\$407.50	\$680.02	\$1,087.52	\$388.88	\$837.89	\$1,226.77
8"	\$647.56	\$1,098.15	\$1,745.71	\$617.97	\$1,353.09	\$1,971.06
10"	\$927.63	\$1,580.67	\$2,508.30	\$885.24	\$1,947.62	\$2,832.86

### Other Charges

	Current	New
<b>Energy Charges<sup>3</sup></b>	\$0.050	\$0.072
<b>Government Fee<sup>4</sup></b>	\$0.32	\$0.37
<b>Fire Service &lt;3"meter<sup>5</sup></b>	\$25.32	\$24.16
<b>Fire Service &gt;4"meter<sup>5</sup></b>	\$34.12	\$32.56

### Footnotes

1. Consumption is the water usage divided by the number of dwellings served. This charge is a per unit charge based on water consumption. A unit of consumption is equal to 748 gallons of water.
2. These fees vary based on the meter size. The MWD/CWA fee is increasing to match the cost from the District's water suppliers. The System Fee pays for betterment, replacement, and maintenance of water system infrastructure, as well as operating expenses. The system fee is decreasing, reflecting the lower funding of reserves.
3. The Energy Charge represents the cost of energy required to pump each unit of water 100 feet in elevation. This is charged proportionally for every foot of elevation over 450 feet.
4. This charge is a per unit charge and your bill will vary based on water consumption.
5. Fire Service requires a separate meter and is a monthly fee based on meter size.

*This information reflects only changes to rates. For a comprehensive listing of rates, please see the Otay Water District's Code of Ordinances at [www.otaywater.gov](http://www.otaywater.gov). Prolonged drought conditions or declared water shortages may impact rates.*

# AGENDA ITEM 7b



## STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	June 3, 2015
		PROJECT:	DIV. NO. All
SUBMITTED BY:	Andrea Carey, Customer Service Manager		
APPROVED BY:	<input checked="" type="checkbox"/> Joseph R. Beachem, Chief Financial Officer <input checked="" type="checkbox"/> German Alvarez, Assistant General Manager <input checked="" type="checkbox"/> Mark Watton, General Manager		
SUBJECT:	Adopt Ordinance No. 551 Declaring a State Drought Emergency and Calling for Mandatory Conservation Measures to Achieve Mandated Conservation Targets and Implementing Section 40, State Drought Response, in the District's Code of Ordinances		

### **GENERAL MANAGER'S RECOMMENDATION:**

That the Board adopt Ordinance No. 551 declaring a state drought emergency and calling for mandatory conservation measures to achieve mandated conservation targets and implementing Section 40, State Drought Response, in the District's Code of Ordinances.

### **COMMITTEE ACTION:**

See Attachment A.

### **PURPOSE:**

To comply with the State Water Board's emergency conservation requirements resulting from the Governor's Executive Order.

### **ANALYSIS:**

As a result of three consecutive dry years in the State of California, Otay Water District Board of Directors voted on August 6,

2014 to declare a Water Shortage Response Level 2 - Supply Alert Condition. At a level 2, many voluntary conservation measures became mandatory and the District increased its conservation messaging to all customers.

With emergency drought conditions persisting throughout California, Governor Jerry Brown issued an executive order on April 1, 2015, requiring mandatory conservation for all residents. The Governor directed the State Water Resources Control Board ("State Water Board") to take immediate action to achieve a 25% reduction in potable urban water use.

On May 5, 2015, the State Water Board adopted emergency regulations mandating all urban water suppliers cut potable water use by 8 to 36 percent depending on their residential gallons-per-capita-per-day average from July-September 2013. Otay Water District's reduction target is 20%.

Unfortunately, the State Water Board's decision did not give credit to those agencies that have already been conserving over the past decade or those regions who have worked to develop drought-proof water supplies. As a result of diversifying its water supplies over the past twenty five years, the San Diego County Water Authority expects to have enough water in fiscal year 2016 to meet nearly all of the typical water demands for its member agencies, including Otay.

At this time, Otay Water District does not have a water supply shortage; however, per the State Water Board mandate, it must reduce total potable water use by 20% of 2013 levels. Ordinance No. 551 will incorporate the State Water Board's regulations to facilitate compliance and will give the General Manager or his designee authority to put mandatory conservation practices in place in accordance with any regulations set forth by the County Water Authority.

**FISCAL IMPACT:**             Joe Beachem, Chief Financial Officer

The cost of additional water conservation efforts is estimated to be approximately \$550,000. With an anticipated 12% decline in water usage, staff expects an estimated \$7 million net revenue decline which would be offset with a 1.5 percent water rate increase.

**STRATEGIC GOAL:**

Actively manage water supply and demand.

**LEGAL IMPACT:**

None.

Attachments:

- A) Committee Action
- B) Ordinance No. 551
  - Exhibit 1 - Section 40



## ATTACHMENT A

<b>SUBJECT/PROJECT:</b>	Adopt Ordinance No. 551 Declaring a State Drought Emergency and Calling for Mandatory Conservation Measures to Achieve Mandated Conservation Targets and Implementing Section 40, State Drought Response, in the District's Code of Ordinances
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### COMMITTEE ACTION:

The Finance, Administration and Communications Committee reviewed this item at a meeting held on May 20, 2015 and the following comments were made:

- Staff is requesting that the Board adopt Ordinance No 551 declaring a state drought emergency and calling for mandatory conservation measures to achieve mandated conservation targets and implementing Section 40, State Drought Response, in the District's Code of Ordinances (Code).
- The State Water Board has implemented emergency water conservation regulations mandating that all urban water suppliers cut potable water use by 8 to 36 percent. Otay Water District's reduction target is 20%. Unfortunately, the State Water Board's decision did not give credit to those agencies that have already been conserving over the past decade or those regions who have worked to develop drought-proof water supplies.
- Because the San Diego County Water Authority has worked to diversify its water supply over the past 25 years, the District does not have a water supply shortage. However, per the State Water Board mandate, it must reduce potable water use by 20% of its 2013 levels. Ordinance No. 551 will incorporate the State Water Board's regulations to facilitate compliance and will provide the General Manager or his designee authority to put mandatory conservation practices into place in accordance with any regulation set forth by the County Water Authority.

- It was discussed that there is no official water shortage in the San Diego region. The existing drought response program is based on a water shortage declaration. However, the State Governor's executive order is not a water shortage declaration, it is a conservation declaration. Staff felt it is applicable to add a section to the District's Code to respond to such State orders, as opposed to trying to make the executive order fit into the existing drought program (Section 39, Water Shortage Response Program, of the District's Code) as it was not designed to do so.
- Staff felt that it is more appropriate to implement a section within the District's Code that is more in line with the Governor's executive order.
- Staff indicated that when the District voted to move to a Level 2 supply alert, it was in anticipation that the Metropolitan Water District (MWD) was going to reduce the San Diego regions supply (allocation) by 15 to 20%. MWD did cut the region's supply by 15% which does fit the Level 2 supply alert as per Section 39 of the District's Code.
- In response to an inquiry from the committee, staff indicated that there are some agencies that are voting in the near future to move to a Level 3 supply alert.
- In response to another inquiry from the committee, it was indicated that a Level 3 supply alert "applies when the Water Authority notifies its member agencies that due to increasing cutbacks caused by water shortage or other reduction of supplies, a consumer demand reduction of between 21 and 40 percent is required in order to have sufficient supplies available to meet anticipated demands." Staff explained that per CWA's code, CWA would receive an allocation from MWD then determine the impact of the allocation to their supply. They would then advise the member agencies, under the drought management plan, what cutback is required to meet supply demands. As noted above, the District had declared a Level 2 supply alert when MWD cut allocations by 15% in 2014 as per Section 39 of the District's Code.
- The State Water Resources Control Board has just implemented a 25% cutback across the state where the District has been assigned a 20% cutback based on 2013 water use. The cutback is not based on a supply shortage which Section 39 of the District's code addresses. Staff is proposing that the board adopt Ordinance No. 551 to implement Section 40, Drought Response, providing the District's General Manager the authority to implement the mandatory

conservation practices as required by the Governor's mandate that is not based on a supply shortage.

- If the board adopts this ordinance, it will be the first agency to do so. A couple of other agencies have discussed the possibility, but the majority will utilize the supply shortage ordinance to implement the Governor's mandate. It was noted that the ordinance does not impact growth.
- The committee suggested adding the verbiage below on page 3 of the proposed ordinance:
  - WHEREAS, despite the stable supply condition of the San Diego region **notwithstanding the District's Water Shortage Response Level 2 status,** the Board nonetheless intends to comply with the State Water Board's mandates and will use its best efforts to comply,...

Following the discussion, the committee supported staffs' recommendation and presentation of this item to the full board as an action item.

ORDINANCE NO. 551

AN ORDINANCE OF THE BOARD OF DIRECTORS OF  
THE OTAY WATER DISTRICT  
ADDING SECTION 40, STATE DROUGHT RESPONSE,  
TO THE DISTRICT'S CODE OF ORDINANCES

WHEREAS, California is experiencing an unprecedented drought due to four years of lower than anticipated rainfall and snowfall; and

WHEREAS, in response to the drought, Governor Brown declared a statewide drought emergency on January 17, 2014; and

WHEREAS, on March 1, 2014, Governor Brown signed a drought relief package, SB 104, which expanded the State Water Resources Control Board's (herein "State Water Board") authority to adopt emergency regulations in certain drought conditions; and

WHEREAS, on July 15, 2014, the State Water Board adopted emergency conservation regulations implementing water restrictions for all Californians and mandating that all urban suppliers implement their Water Shortage Plans at a level that triggers mandatory restrictions on outdoor water use; and

WHEREAS, in response to the July 15, 2014 order, on August 6, 2014, the Otay Water District (herein "District") adopted Resolution No. 4239 declaring a Water Shortage Response Level 2 - Supply Alert Condition, which called for mandatory conservation measures, in order to comply with the State Water Board's emergency conservation regulations; and

WHEREAS, on March 17, 2015, the State Water Board amended and readopted the emergency regulation to support water conservation (Resolution No. 2015-0013), which became effective March 27, 2015 upon approval by OAL; and

WHEREAS, on April 1, 2015, Governor Brown issued a new Executive Order, B-29-15, that directed the State Water Board to impose restrictions on urban water suppliers to achieve a statewide 25 percent reduction in potable urban usage through February 2016; required commercial, industrial, and institutional users to implement water efficiency measures; prohibited irrigation with potable water of ornamental turf in public street medians; and prohibited irrigation with potable water outside newly constructed homes and buildings that is not delivered by drip or micro spray systems; along with other directives; and

WHEREAS, on May 5, 2015, the State Water Board amended and readopted the emergency regulation to support water conservation (Resolution No. 2015-0032); and

WHEREAS, article 10, section 2 of the California Constitution declares that waters of the State are to be put to beneficial use, that waste, unreasonable use, or unreasonable method of use of water be prevented, and that water be conserved for the public welfare; and

WHEREAS, California Water Code sections 375 et seq. authorize water suppliers to adopt and enforce a comprehensive water conservation program; and

WHEREAS, the District has adopted and enforces a comprehensive Water Shortage Response Program, Section 39 of the District's Code of Ordinances, as most recently amended on August 6, 2014 via Ordinance No. 546, to allow the District to delay or avoid implementing measures such as water rationing or more restrictive water use regulations pursuant to a declared water shortage emergency as authorized by California Water Code sections 350 et seq.; and

WHEREAS, notwithstanding the existence of the District's Water Shortage Response Program and the ongoing drought, there is no appreciable water shortage in the San Diego region under San Diego County Water Authority supplies and allocations and, therefore, shortage-related restrictions under the Water Shortage Response Program may not be justified; and

WHEREAS, despite the stable supply condition of the San Diego region notwithstanding the District's Water Shortage Response Level 2 status, the Board nonetheless intends to comply with the State Water Board's mandates and will use its best efforts to comply, in recognition of water issues throughout the State, the benefits of widespread conservation efforts for the good of the State as a whole, and in an effort to further encourage responsible water-related practices and lifestyles; and

WHEREAS, the water conservation measures and restrictions on water use and method of use identified by this ordinance facilitate compliance with Executive Order B-29-15 and the State Water Board regulations adopted by Resolution No. 2015-0032,

BE IT ORDAINED by the Board of Directors of Otay Water District that the District's Code of Ordinances be amended by adding Section 40, State Drought Response, as per Exhibit 1 (attached).

NOW, THEREFORE, BE IT RESOLVED that the new proposed Section 40, State Drought Response (Exhibit 1), of the Code of Ordinances shall become effective June 3, 2015.

PASSED, APPROVED AND ADOPTED by the Board of Directors of the Otay Water District at a regular meeting held this 3rd day of June, 2015, by the following roll call vote:

AYES:  
NOES:  
ABSTAIN:  
ABSENT:

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President

ATTEST:

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District Secretary

## SECTION 40. STATE DROUGHT RESPONSE

40.01 DECLARATION OF NECESSITY AND INTENT

This Section establishes water management requirements in response to and in an effort to comply with State mandates related to ongoing drought conditions throughout the State. In particular, because of variations in conservation efforts and water supply levels and sources throughout the State, restrictions necessary for a concerted statewide effort may not correlate with the water shortage conditions and prerequisites for restrictions under the District's Water Shortage Response Program set forth in Section 39, above. The District nonetheless recognizes the benefits of widespread conservation efforts for the good of the State as a whole and intends to exercise its best efforts to comply with applicable regulations and mandates.

40.02 CONSERVATION REGULATIONS RELATED TO EXECUTIVE ORDER B-29-15

a) In addition to the requirements of any Water Shortage Response Level declaration by the District, the District hereby incorporates by reference as if fully set forth herein the emergency regulation for statewide urban water conservation adopted by the State Water Resources Control Board (the "Water Board") on May 5, 2015 via Resolution No. 2015-0032 in response to Executive Order B-29-15 issued by the Governor on April 1, 2015 (the "Emergency Regulation"), including, but not limited to, the requirements of section 864 of title 23 of the California Code of Regulations and the required potable water production reduction mandated for the District pursuant to section 865 of title 23 of the California Code of Regulations.

b) To the extent there are any inconsistencies between the restrictions and mandates of the Emergency Regulation and any requirements of the District's Water Shortage Response Level due, for example, to the District not experiencing water shortage conditions justifying further restrictions required by the Emergency Regulation, the more stringent requirement shall apply.

c) Pursuant to Water Code section 1058.5, the Emergency Regulation shall remain in effect for up to 270 days unless the Water Board determines that it is no longer necessary due to changed conditions, or unless the Water Board renews the regulation due to continued drought conditions as described in Water Code section 1058.5. The District Board of Directors may declare an end to the application of the Emergency Regulation by the adoption of a resolution at any regular or special meeting held in accordance with State law provided, however, that the Emergency Regulation will automatically cease to apply upon expiration of the Emergency Regulations as set forth above.

d) To the extent the San Diego County Water Authority requires restrictions in addition to and as a result of the Emergency Regulation and/or Executive Order B-29-15, the General Manager is authorized to take action to implement the restrictions and conservations practices required.



# AGENDA ITEM 8a

## STAFF REPORT

TYPE MEETING:	Regular Board Meeting	MEETING DATE:	June 3, 2015
SUBMITTED BY:	Mark Watton, General Manager	W.O./G.F. NO:	DIV. NO.
APPROVED BY:	<input checked="" type="checkbox"/> Susan Cruz, District Secretary <input checked="" type="checkbox"/> Mark Watton, General Manager		
SUBJECT:	Board of Directors 2015 Calendar of Meetings		

### **GENERAL MANAGER'S RECOMMENDATION:**

At the request of the Board, the attached Board of Director's meeting calendar for 2015 is being presented for discussion.

### **PURPOSE:**

This staff report is being presented to provide the Board the opportunity to review the 2015 Board of Director's meeting calendar and amend the schedule as needed.

### **COMMITTEE ACTION:**

N/A

### **ANALYSIS:**

The Board requested that this item be presented at each meeting so they may have an opportunity to review the Board meeting calendar schedule and amend it as needed.

### **STRATEGIC GOAL:**

N/A

### **FISCAL IMPACT:**

None.

### **LEGAL IMPACT:**

None.

Attachment: Calendar of Meetings for 2015

**Board of Directors, Workshops  
and Committee Meetings  
2015**

**Regular Board Meetings:**

January 7, 2015  
February 4, 2015  
March 4, 2015  
April 1, 2015  
May 6, 2015  
June 3, 2015  
**July 1, 2015**  
August 5, 2015  
September 2, 2015  
October 7, 2015  
November 4, 2015  
December 2, 2015

**Special Board or Committee Meetings (3<sup>rd</sup>  
Wednesday of Each Month or as Noted)**

January 21, 2015  
February 18, 2015  
March 18, 2015  
April 15, 2015  
May 20, 2015  
**June 17, 2015**  
July 15, 2015  
August 19, 2015  
September 16, 2015  
October 21, 2015  
November 18, 2015  
December 16, 2015

**SPECIAL BOARD MEETINGS:**

# AGENDA ITEM 9a



## STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	June 3, 2015		
SUBMITTED BY:	Dan Martin Engineering Manager	PROJECT:	Various	DIV. NO.	ALL
APPROVED BY:	<input checked="" type="checkbox"/> Rod Posada, Chief of Engineering <input checked="" type="checkbox"/> German Alvarez, Assistant General Manager <input checked="" type="checkbox"/> Mark Watton, General Manager				
SUBJECT:	Informational Item - Third Quarter Fiscal Year 2015 Capital Improvement Program Report				

### **GENERAL MANAGER'S RECOMMENDATION:**

No recommendation. This is an informational item only.

### **COMMITTEE ACTION:**

Please see Attachment A.

### **PURPOSE:**

To update the Board about the status of all CIP project expenditures and to highlight significant issues, progress, and milestones on major projects.

### **ANALYSIS:**

To keep up with growth and to meet our ratepayers' expectations to adequately deliver safe, reliable, cost-effective, and quality water, each year the District staff prepares a Six-Year CIP Plan that identifies the District's infrastructure needs. The CIP is comprised of four categories consisting of backbone capital facilities, replacement/renewal projects, capital purchases, and developer's reimbursement projects.





## ATTACHMENT A

<b>SUBJECT/PROJECT:</b> Various	Informational Item - Third Quarter Fiscal Year 2015 Capital Improvement Program Report
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### COMMITTEE ACTION:

The Engineering, Operations, and Water Resources Committee (Committee) reviewed this item at a Committee Meeting held on May 21, 2015, and the following comments were made:

- Staff provided a PowerPoint presentation to the Committee and indicated that the expenditures through the third quarter of FY 2015 totaled approximately \$5.6 million, which is about 53% of the District's fiscal year budget.
- Staff indicated that the District's FY 2015 CIP budget consists of 73 projects that total \$10.6 million and is divided into four categories:
  - o Capital Facilities= \$3.1 million
  - o Replacement/Renewal= \$6.7 million
  - o Capital Purchases= \$.7 million
  - o Developer Reimbursement= \$0.1 million
- In response to a question by the Committee, staff stated that this year's total CIP budget (\$10.6 million) is much lower than previous fiscal years' total CIP budget that was approximately \$34 million at one point in time during the construction of the 36-inch potable main in Jamacha Road.
- The PowerPoint presentation included the following:
  - o Total Life-to-Date Expenditures
  - o CIP Budget Forecast vs. Expenditures. Staff noted that as of the Third Quarter, total expenditures for the end of Fiscal Year 2015 are estimated to be around 80% of the Fiscal Year budget.
  - o Major CIP Projects
  - o CIP Projects in Construction

- o Construction Contract Status of projects, contract amount with allowances, net change orders, and percent of project completion
  - o Consultant Contract Status of contract amounts, approve payments to date, change orders, dates when contracts were signed and the end date of contracts
- Staff provided an update of the following construction projects that were active during the third quarter:
  - o Calavo Basin Sewer Rehabilitation - Phase 1 (S2033) that is anticipated to be completed by June 2015
  - o 944-1, 944-2, and 458-2 Reservoir Interior/Exterior Coating and Upgrades (P2531, P2532, P2535) that are anticipated to be substantially completed by July 2015.
  - o SR-11 Utility Relocations Sequence I (P2453) that is anticipated to be completed by June 2015. Staff noted that the project cost is on track.
- Staff highlighted that the Change Orders with Allowance Credit equaled to -2.6%.
- The Committee inquired that if funds are not spent as anticipated, what happens to those funds at the end of the fiscal year. Staff discussed that unspent CIP funds roll over to the next fiscal year and remain in the District's reserves until they are needed to complete CIP projects. Every fiscal year, a budget process is performed to review what funding is required for the next six years. The goal of this process is to adjust to the economy with "just in time" delivery of facilities, be flexible to time sensitivity of projects, and look at the overall budget. It was noted that unspent funds from the CIP budget does not re-allocate to the District's Operating budget and vice versa.
- In response to a question from the Committee, staff provided an update on the 870-2 Pump Station Project. It was discussed that this project is in the design phase which Carollo Engineers, Inc. has completed approximately 54% of the design as of the third quarter. It is slightly behind schedule as staff is taking the opportunity to utilize a new 3-Dimensional tool to help communicate the expected design of the project.

Following the discussion, the Committee supported staffs' recommendation and presentation to the full board as an informational item.

**FISCAL YEAR 2015  
3rd QUARTER REPORT**  
(Expenditures through 03/31/2015)  
(\$ In Thousands)

**ATTACHMENT B**

CIP No.	Description	Project Manager	FISCAL YEAR-TO-DATE, 03/31/15				LIFE-TO-DATE, 03/31/15				Comments for Q3
			FY 2015 Budget	Expenses	Balance	Expense to Budget %	Budget	Expenses	Balance	Expense to Budget %	
<b>CAPITAL FACILITY PROJECTS</b>											
P2083	PS - 870-2 Pump Station Replacement	Marchioro	\$ 650	\$ 350	\$ 300	54%	\$ 16,500	\$ 1,279	\$ 15,221	8%	Pace slowed slightly as 3D model was added to project scope and consultant progress slower than anticipated.
P2267	36-Inch Main Pumpouts and Air/Vacuum Ventilation Installations	Thompson	195	93	102	48%	435	328	107	75%	Awaiting invoice from HDR; expect to use majority of this funding in FY 2015.
P2434	Rancho Del Rey Groundwater Well Development	Marchioro	75	104	(29)	139%	3,705	3,710	(5)	100%	Settlement to close out design consultant's agreement slightly higher than anticipated.
P2451	Otay Mesa Desalination Conveyance and Disinfection System	Kennedy	1,000	600	400	60%	30,000	3,161	26,839	11%	The District has delayed the design of this project to keep pace with the progress in Mexico.
P2466	Regional Training Facility	Coburn-Boyd	3	-	3	0%	300	285	15	95%	May spend a small amount of this budget (\$1,000-\$2,000) as project is moving forward again.
P2486	Asset Management Plan Condition Assessment and Data Acquisition	Zhao	75	8	67	11%	1,090	826	264	76%	A new purchase of Asset Management software has been processed and will be reflected on next quarter's expense. Another project for choosing an AM consultant is on hold for a few months.
P2511	Otay Interconnect Pipeline	Marchioro	100	81	19	81%	2,005	2,061	(56)	103%	EIR certification on hold since pump station parcels owned by Caltrans may have open space encumbrances. Design on hold.
P2537	Operations Yard Property Acquisition Improvements	Kennedy	100	112	(12)	112%	350	149	201	43%	Award of this project is planned for FY 2016.
P2541	624 Pressure Zone PRSs	Marchioro	425	5	420	1%	600	211	389	35%	Construction postponed until FY 2016. Will be bid together with R2110.
P2547	District Administration Building Main Breaker Installation and Vehicle Charging Stations	Beppler	45	10	35	22%	50	10	40	20%	The main breaker project was completed June 2014 and paid with the Safety budget. The electric vehicle charging station is in early stages of design.
P2548	Sump Pump Installation at the 980-1 & 2 Reservoirs	Anderson	35	4	31	11%	35	4	31	11%	Project started and will be completed early in the Q4 FY 2015.
P2549	Fuel system upgrade	Payne	30	-	30	0%	30	-	30	0%	Fuel System upgrade moved to FY 2016.
P2551	Blossom Lane Helix WD and Otay WD Interconnection	Beppler	5	8	(3)	160%	400	8	392	2%	Helix WD led project; design costs (about \$25,000) expected to be billed by June for about \$45,000 project total this FY (combined P2551 & P2552).
P2552	South Barcelona Helix WD and Otay WD Interconnection	Beppler	5	7	(2)	140%	400	7	393	2%	
R2048	RecPL - Otay Mesa Distribution Pipelines and Conversions	Martin	1	-	1	0%	555	475	80	86%	No work anticipated in FY 2015 due to Temporary Moratorium on Recycled Water Infrastructure on Otay Mesa.
R2058	RecPL - 16-Inch, 860 Zone, Airway Road - Otay Mesa/Alta	Martin	1	-	1	0%	1,406	1,340	66	95%	No work anticipated in FY 2015 due to Temporary Moratorium on Recycled Water Infrastructure on Otay Mesa.
R2077	RecPL - 24-Inch, 860 Zone, Alta Road - Alta Gate/Airway	Beppler	25	-	25	0%	4,500	2,805	1,695	62%	Paving of surface road required to finish improvements, per the reimbursement agreement with developer.
R2087	RecPL - 24-Inch, 927 Zone, Wueste Road - Olympic/Otay WTP	Cameron	5	-	5	0%	7,000	1,032	5,968	15%	Project on hold due to Temporary Moratorium on Recycled Water Infrastructure on Otay Mesa.

**FISCAL YEAR 2015**  
**3rd QUARTER REPORT**  
(Expenditures through 03/31/2015)  
(\$ In Thousands)

**ATTACHMENT B**

CIP No.	Description	Project Manager	FISCAL YEAR-TO-DATE, 03/31/15				LIFE-TO-DATE, 03/31/15				Comments for Q3
			FY 2015 Budget	Expenses	Balance	Expense to Budget %	Budget	Expenses	Balance	Expense to Budget %	
R2107	RWCWRF Screening Compactor and Chlorine Injectors Enclosure	Vacklavek	85	-	85	0%	215	101	114	47%	Completion of project expected in FY 2015 Q4, with all funds utilized.
R2108	Res - 927-1 Reservoir Cover Replacement	Marchioro	50	13	37	26%	1,400	1,077	323	77%	Final warranty inspection scheduled in FY 2016.
R2110	RecPS - 944-1 Optimization and Pressure Zone modifications	Marchioro	50	3	47	6%	200	66	134	33%	Construction (PRS Vault 3 retrofit) postponed until FY 2016. Will be bid together with P2541.
R2114	Large Recycle Pump Replacement at the RWCWRF 927-1 Pump Station	Anderson	100	52	48	52%	100	52	48	52%	Both pumps have been completed and the second one will bill for a total of \$86,181.00; by the end of May this original budget is 100% completed. The funds left over will be utilized in FY 2016 for engine driven pump #5.
R2117	RWCWRF Contact Basin Expansion Project	Beppler	20	56	(36)	280%	1,500	56	1,444	4%	Study should be completed by June; consultant fee is \$77,402; in-house costs should take it to about \$90,000.
S2043	RWCWRF Sludge Handling System	Beppler	5	3	2	60%	1,500	40	1,460	3%	No additional billings expected in FY 2015.
	<b>Total Capital Facility Projects</b>	<b>Total:</b>	<b>3,085</b>	<b>1,509</b>	<b>1,576</b>	<b>49%</b>	<b>74,276</b>	<b>19,083</b>	<b>55,193</b>	<b>26%</b>	
	<b>REPLACEMENT/RENEWAL PROJECTS</b>										
P2366	APCD Engine Replacements and Retrofits	Rahders	5	16	(11)	320%	3,488	2,529	959	73%	Replacement emissions analyzer has been purchased for FY 2016. Staff anticipates no further activity.
P2382	Safety and Security Improvements	Ramirez	192	116	76	60%	3,222	2,135	1,087	66%	Will need to add \$58K to existing budget to cover systems upgrades identified for completion by year end for access control and intrusion detection at Admin, Ops and Warehouse buildings.
P2440	I-905 Utility Relocations	Marchioro	5	7	(2)	140%	1,600	1,590	10	99%	Staff anticipates that Caltrans will issue an additional \$33,493 credit to Otay; however, the \$33K credit on hold pending Caltrans' receipt of final accounting numbers from the City of San Diego's sewer contractor.
P2453	SR-11 Utility Relocations	Marchioro	600	901	(301)	150%	2,250	1,134	1,116	50%	Construction contract ahead of schedule. Positioned to spend \$1.2M rather than \$0.6M. Project completion of Phase 1 anticipated in FY 2015 Q4.
P2477	Res - 624-1 Reservoir Cover Replacement	Marchioro	5	4	1	80%	1,000	931	69	93%	On target for upcoming warranty inspection.
P2485	SCADA Communication System and Software Replacement	Vacklavek	655	182	473	28%	1,974	1,350	624	68%	Expected expenditures for Q4 are estimated to be about \$65,000. The installation of the wireless radio system is still delayed.
P2493	624-2 Reservoir Interior/Exterior Coating	Cameron	50	63	(13)	126%	1,950	1,530	420	78%	Construction is complete; project is in the warranty period.
P2494	Multiple Species Conservation Plan	Coburn-Boyd	90	5	85	6%	950	815	135	86%	Expect to spend \$30,000-40,000 during remainder of FY 2015.
P2495	San Miguel Habitat Management/Mitigation Area	Coburn-Boyd	180	58	122	32%	2,100	1,089	1,011	52%	Expect to spend about \$80,000 during remainder of FY 2015.
P2496	Otay Lakes Road Utility Relocations	Martin	5	1	4	20%	325	301	24	93%	Construction substantially complete in Q3 FY 2015.
P2504	Regulatory Site Access Road and Pipeline Relocation	Cameron	20	2	18	10%	900	329	571	37%	Project on hold.
P2507	East Palomar Street Utility Relocation	Cameron	175	51	124	29%	940	671	269	71%	Caltrans driving project. Utility agreements are in place for reimbursement. Contractor is 6 months behind schedule. Anticipated completion in December 2015.
P2508	Pipeline Cathodic Protection Replacement Program	Marchioro	125	95	30	76%	300	144	156	48%	On target.

**FISCAL YEAR 2015  
3rd QUARTER REPORT**  
(Expenditures through 03/31/2015)  
(\$ In Thousands)

**ATTACHMENT B**

CIP No.	Description	Project Manager	FISCAL YEAR-TO-DATE, 03/31/15				LIFE-TO-DATE, 03/31/15				Comments for Q3
			FY 2015 Budget	Expenses	Balance	Expense to Budget %	Budget	Expenses	Balance	Expense to Budget %	
P2515	870-1 Reservoir Paving	Martin	415	347	68	84%	550	500	50	91%	Construction contract accepted FY 2015 Q3. Project in warranty.
P2518	803-3 Reservoir Interior/Exterior Coating	Cameron	30	9	21	30%	700	634	66	91%	Construction is complete; project is in the warranty period.
P2519	832-2 Reservoir Interior/Exterior Coating	Cameron	30	12	18	40%	700	657	43	94%	Construction is complete; project is in the warranty period.
P2520	Motorola Mobile Radio Upgrade	Martinez	50	-	50	0%	135	77	58	57%	No additional work is anticipated in FY 2015, but will continue in FY 2016.
P2529	711-2 Reservoir Interior & Exterior Coating	Cameron	5	1	4	20%	760	1	759	0%	Expenditures expected in Q4 FY 2015.
P2530	711-1 Reservoir Interior & Exterior Coating	Cameron	10	1	9	10%	940	1	939	0%	Expenditures expected in Q4 FY 2015.
P2531	944-1 Reservoir Interior & Exterior Coating	Martin	190	3	187	2%	240	10	230	4%	Construction completion of reservoir anticipated in FY 2016 Q1.
P2532	944-2 Reservoir Interior & Exterior Coating	Martin	900	460	440	51%	950	467	483	49%	Construction completion of reservoir anticipated in FY 2015 Q4.
P2533	1200-1 Reservoir Interior & Exterior Coating	Cameron	-	-	-	0%	365	-	365	0%	No expenditures planned in FY 2015.
P2534	978-1 Reservoir Interior & Exterior Coating	Cameron	-	-	-	0%	270	-	270	0%	No expenditures planned in FY 2015.
P2535	458-2 Reservoir Interior & Exterior Coating & Upgrades	Martin	585	61	524	10%	640	76	564	12%	Construction completion of reservoir anticipated in FY 2015 Q4.
P2538	Administration and Operations Building Fire Sprinkler Replacement Program	Cameron	65	41	24	63%	110	64	46	58%	Expenditures are planned for FY 2015 Q4. Project is on budget.
P2539	South Bay Bus Rapid Transit (BRT) Utility Relocations	Cameron	30	34	(4)	113%	375	63	312	17%	SANDAG invoice for project funding anticipated in FY 2015 Q4.
P2542	850-3 Reservoir Interior Coating	Cameron	5	23	(18)	460%	480	23	457	5%	Accelerated schedule.
P2543	850-1 Reservoir Interior/Exterior Coating	Cameron	-	-	-	0%	460	-	460	0%	No expenditures planned in FY 2015.
P2544	850-2 Reservoir Interior/Exterior Reservoir Coating	Cameron	-	-	-	0%	940	-	940	0%	No expenditures planned in FY 2015.
P2545	980-1 Reservoir Interior Exterior Coating	Cameron	-	-	-	0%	1,250	-	1,250	0%	No expenditures planned in FY 2015.
P2546	980-2 Reservoir Interior/Exterior Coating	Cameron	-	-	-	0%	1,250	-	1,250	0%	No expenditures planned in FY 2015.
P2550	Fuel Island Upgrade	Payne	75	-	75	0%	75	-	75	0%	Fuel Island upgrade rescheduled to FY 2016.
P2553	Heritage Road Bridge Replacement and Utility Relocation	Cameron	5	-	5	0%	1,200	-	1,200	0%	City of Chula Vista driven project. Project is on budget.
R2109	Sweetwater River Wooden Trestle Improvement for the Recycled Water Forcemain	Beppler	50	47	3	94%	600	78	522	13%	Design (\$20,000 plus in-house costs of about \$15,000) should be completed by May and Bid by June 2015. \$65,000 total in FY 2015.
R2111	RWCWRF - RAS Pump Replacement	Beppler	310	80	230	26%	650	137	513	21%	May see some construction costs before end of June 2015 (maybe up to a third of the \$315,315 contract amount), but majority will likely not be invoiced until FY 2016.
R2112	450-1 Disinfection Facility Rehabilitation	Cameron	150	46	104	31%	190	46	144	24%	Construction completion of project anticipated in FY 2015 Q4.
R2113	Chlorine 1-ton Cylinder Emergency Close Valve	Vacklavek	37	35	2	95%	37	35	2	95%	This project is completed. No more billing expected.
R2116	RecPL - 14-Inch, 927 Zone, Forcemain Assessment and Repair	Marchioro	100	262	(162)	262%	1,500	262	1,238	17%	Accelerated schedule.
S2012	San Diego County Sanitation District Outfall and RSD Outfall Replacement	Kennedy	150	-	150	0%	2,760	834	1,926	30%	County of San Diego project invoice anticipated in FY 2015 Q4.
S2024	Campo Road Sewer Main Replacement	Beppler	600	255	345	43%	5,500	436	5,064	8%	Estimating between \$500,000-\$600,000 this Fiscal Year; design services will continue into FY 2016.
S2027	Rancho San Diego Pump Station Rehabilitation	Beppler	150	12	138	8%	3,500	69	3,431	2%	Design may be completed in FY 2015; County invoice received for \$185,424 in April not reflected, revised total for FY is \$200,000.

**FISCAL YEAR 2015  
3rd QUARTER REPORT**  
(Expenditures through 03/31/2015)  
(\$ In Thousands)

**ATTACHMENT B**

CIP No.	Description	Project Manager	FISCAL YEAR-TO-DATE, 03/31/15				LIFE-TO-DATE, 03/31/15				Comments for Q3
			FY 2015 Budget	Expenses	Balance	Expense to Budget %	Budget	Expenses	Balance	Expense to Budget %	
S2033	Sewer System Rehabilitation	Beppler	675	330	345	49%	6,000	937	5,063	16%	Construction (\$530,000) plus admin and in-house; next design phases (another \$35,000) expected to be completed this Fiscal Year for total of \$720,000.
<b>Total Replacement/Renewal Projects</b>			<b>6,724</b>	<b>3,560</b>	<b>3,164</b>	<b>53%</b>	<b>54,126</b>	<b>19,955</b>	<b>34,171</b>	<b>37%</b>	
<b>CAPITAL PURCHASE PROJECTS</b>											
P2282	Vehicle Capital Purchases	Rahders	105	176	(71)	168%	5,021	3,076	1,945	61%	One replacement vehicle will be purchased for \$29,300. Due to reduction in staffing, no other vehicles will be purchased this fiscal year, for a savings of \$38,700.
P2285	Office Equipment and Furniture Capital Purchases	Payne	15	-	15	0%	589	524	65	89%	Equipment purchase scheduled for May 2015.
P2286	Field Equipment Capital Purchases	Rahders	65	13	52	20%	1,758	1,303	455	74%	Truck mounted crane purchase has been deferred to FY 2016. No further activity this fiscal year.
P2469	Information Technology Network and Hardware	Kerr	175	212	(37)	121%	2,509	1,887	622	75%	Planned to procure Cisco UCS in FY16 Q1; estimated amount to purchase \$150,000-175,000. After which CIP will be completed/closed.
P2470	Financial System Enhancements	Kerr	100	(4)	104	-4%	2,265	1,667	598	74%	Commencing FY16 Q1; will purchase Tyler Cashiering (\$40K) and will perform evaluation and requirements for Employee Self-Service (ESS) (\$15K).
P2540	Work Order Management System Replacement	Kerr	300	149	151	50%	700	267	433	38%	Working towards go-live for Cityworks Asset Management System on July 1, 2015. In FY 2016 Q1, will initiate requirements and stakeholder meetings to implement PLL.
<b>Total Capital Purchase Projects</b>			<b>760</b>	<b>546</b>	<b>214</b>	<b>72%</b>	<b>12,842</b>	<b>8,724</b>	<b>4,118</b>	<b>68%</b>	
<b>DEVELOPER REIMBURSEMENT PROJECTS</b>											
R2028	RecPL - 8-Inch, 680 Zone, Heritage Road - Santa Victoria/Otay Valley	Martin	1	-	1	0%	600	-	600	0%	No expenditures planned for Q3.
R2042	RecPL - 8-Inch, 927 Zone, Rock Mountain Road - SR-125/EastLake	Martin	1	-	1	0%	140	-	140	0%	No expenditures planned for Q3.
R2047	RecPL - 12-Inch, 680 Zone, La Media Road - Birch/Rock Mountain	Martin	1	-	1	0%	450	-	450	0%	No expenditures planned for Q3.
R2082	RecPL - 24-Inch, 680 Zone, Olympic Parkway - Village 2/Heritage	Martin	1	-	1	0%	1,747	-	1,747	0%	No expenditures planned for Q3.
R2083	RecPL - 20-Inch, 680 Zone, Heritage Road - Village 2/Olympic	Martin	1	-	1	0%	400	-	400	0%	No expenditures planned for Q3.
R2084	RecPL - 20-Inch, 680 Zone, Village 2 - Heritage/La Media	Martin	1	-	1	0%	970	1	969	0%	No expenditures planned for Q3.
R2085	RecPL - 20-Inch, 680 Zone, La Media - State/Olympic	Martin	1	-	1	0%	600	-	600	0%	No expenditures planned for Q3.
<b>Total Developer Reimbursement Projects</b>			<b>7</b>	<b>-</b>	<b>7</b>	<b>0%</b>	<b>4,907</b>	<b>1</b>	<b>4,906</b>	<b>0%</b>	
<b>GRAND TOTAL</b>			<b>\$ 10,576</b>	<b>\$ 5,615</b>	<b>\$ 4,961</b>	<b>53%</b>	<b>\$ 146,151</b>	<b>\$ 47,763</b>	<b>\$ 98,388</b>	<b>33%</b>	

# Otay Water District Capital Improvement Program

Fiscal Year 2015  
Third Quarter  
(through March 31, 2015)



944-2 (3.0 MG) Re-Installation of Door Sheet

# Background

The approved CIP Budget for Fiscal Year 2015 consists of 73 projects that total \$10.6 million. These projects are broken down into four categories.

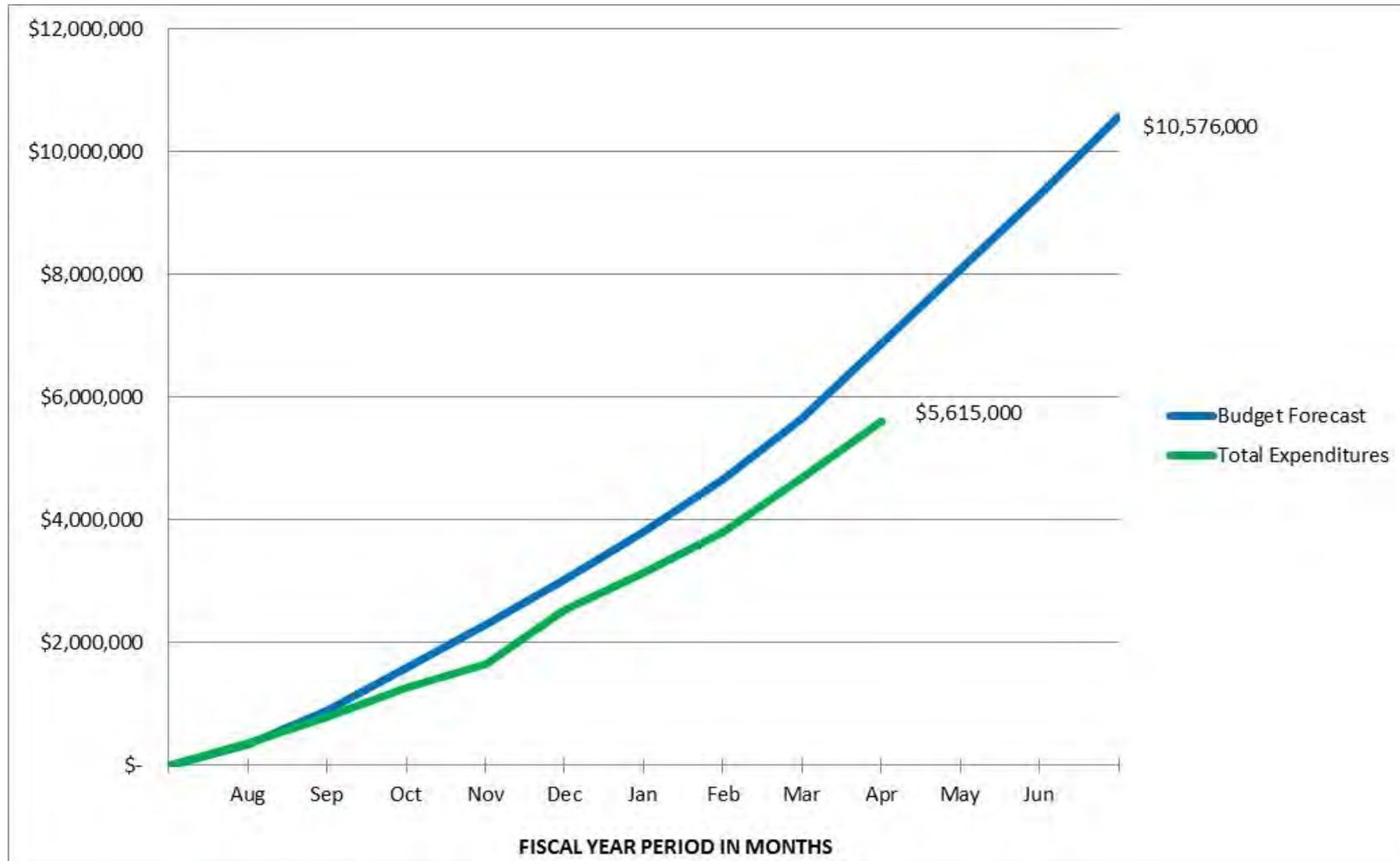
- |                            |                |
|----------------------------|----------------|
| 1. Capital Facilities      | \$ 3.1 million |
| 2. Replacement/Renewal     | \$ 6.7 million |
| 3. Capital Purchases       | \$ 0.7 million |
| 4. Developer Reimbursement | \$ 0.1 million |

Overall expenditures through the Third Quarter of Fiscal Year 2015 totaled \$5.6 million, which is approximately 53% of the Fiscal Year budget.

# Fiscal Year 2015 Third Quarter Update (\$1,000)

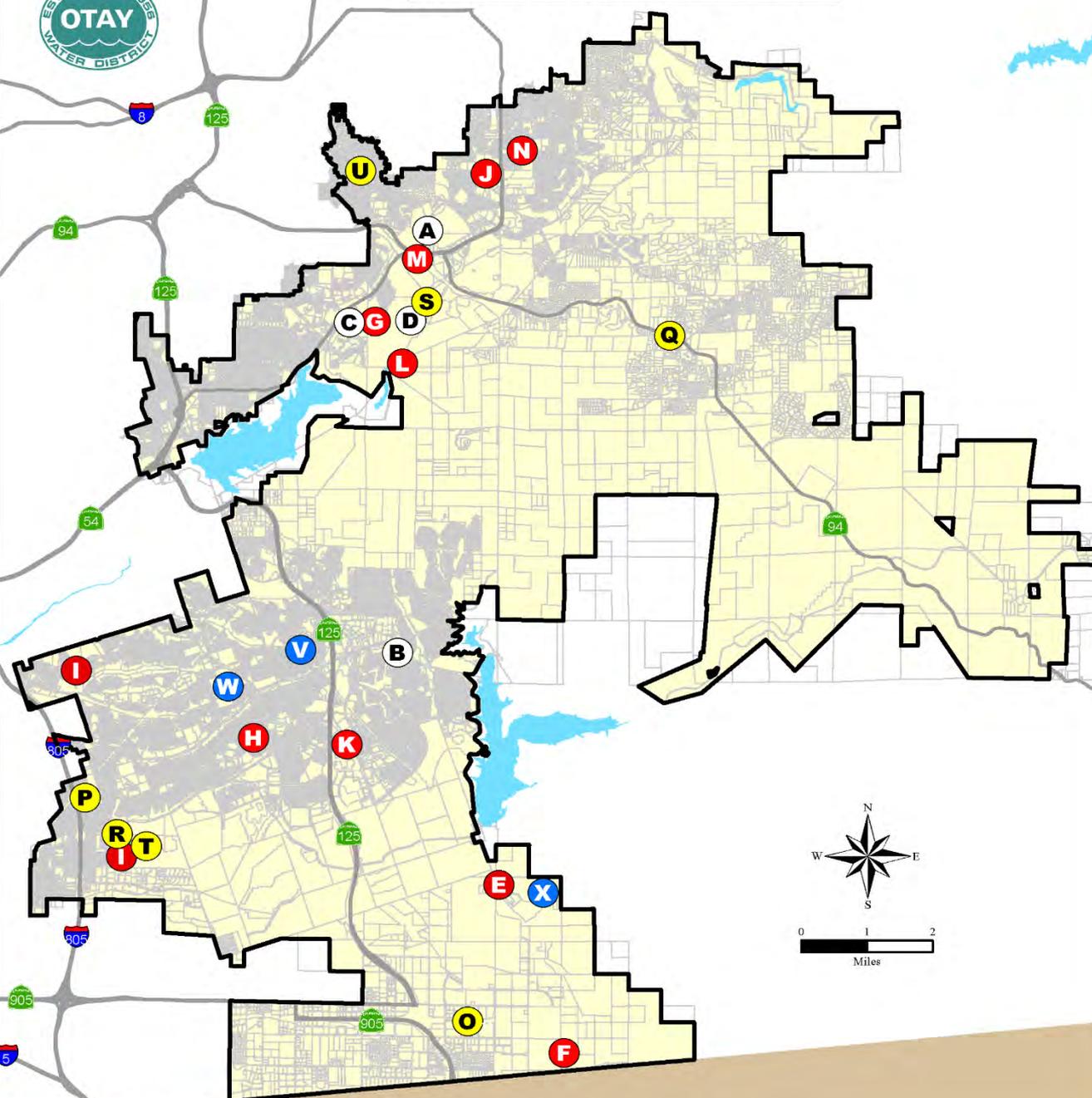
CIP CAT	Description	FY 2015 Budget	FY 2015 Expenditures	% FY 2015 Budget Spent	Total Life-to- Date Budget	Total Life-to-Date Expenditures	% Life-to- Date Budget Spent
1	<b>Capital Facilities</b>	\$3,085	\$1,509	49%	\$74,276	\$19,083	26%
2	<b>Replacement/ Renewal</b>	\$6,724	\$3,560	53%	\$54,126	\$19,955	37%
3	<b>Capital Purchases</b>	\$760	\$546	72%	\$12,842	\$8,724	68%
4	<b>Developer Reimbursement</b>	\$7	\$0	0%	\$4,907	\$1	0%
	<b>Total:</b>	\$10,576	\$5,615	53%	\$146,151	\$47,763	33%

# Fiscal Year 2015 Third Quarter CIP Budget Forecast vs. Expenditures





# MAJOR CIP PROJECTS



## PLANNING - 4

- A** P2504 - Regulatory Site Access Road & Pipeline Relocation
- B** P2530/P2529 - 711-1 & 711-2 Reservoir Interior/Exterior Coating
- C** P2547 - District Administration Vehicle Charging Stations
- D** R2117 - RWCWRF Contact Basin Expansion

## DESIGN - 10

- E** P2083 - 870-2 Pump Station Replacement
- F** P2451 - Otay Mesa Conveyance and Disinfection System
- G** P2537 - Operations Yard Property Acquisition Improvements
- H** P2539 - South Bay Bus Rapid Transit (BRT) Utility Relocations
- I** P2541 - 624PZ Pressure Reducing Stations
- J** P2542 - 850-3 Reservoir Interior Coating
- K** R2110 - 944-1 Optimization and Pressure Zone Modifications
- L** R2116 - 14-Inch Forcemain Assessment and Repair
- M** S2024 - Campo Road Sewer Main Replacement
- N** S2033 - Rancho San Diego Basin Sewer Rehab - Phase 1

## CONSTRUCTION - 7

- O** P2453 - SR-11 Utility Relocations
- P** P2507 - East Palomar Street Utility Relocation
- Q** P2531/P2532 - 944-1 & 944-2 Reservoir Interior/Exterior Coating
- R** P2535 - 458-2 Reservoir Interior/Exterior Coating
- S** R2111 - RAS Pump Replacement
- T** R2112 - 450-1 Disinfection Facility Rehabilitation
- U** S2033 - Calavo Basin Sewer Rehab - Phase 1

## COMPLETED - 3

- V** P2493 - 624-2 Reservoir Interior Coating & Upgrades
- W** P2496 - Otay Lakes Road Utility Relocations Phase II
- X** P2515 - 870-1 Reservoir Paving

Fiscal Year 2015 - 3rd Quarter

# CIP Projects in Construction

- Calavo Basin Sewer Rehabilitation – Phase I (S2033)
- Project part of the District's comprehensive sewer management program.
- Project will replace deteriorated or sagging sections of sewer pipe.
- Overall Project Budget \$6.00M
- Start: January 2015
- Estimated Completion: June 2015



Replacement of 8-Inch Sewer on Fury Drive



Preparing Base Course Pavement  
Installation on Fury Drive

# CIP Projects in Construction

- 944-1, 944-2, & 458-2 Reservoir Interior/Exterior Coating & Upgrades (P2531, P2532, P2535)
- Remove and Replace Deteriorating Reservoir Coatings.
- Structural Modifications to Increase Service Life.
- \$1.83M Budget
- Start: November 2014
- Estimated Completion: July 2015



458-2 (1.75 MG) New Roof Hatch



458-2 (1.75 MG) Installation of New Access Manway

# CIP Projects in Construction

- SR-II Utility Relocations Sequence I (P2453)
- Relocate Existing Water Facilities to support SR-II Construction.
- \$2.25M Budget
- Start: February 2014
- Estimated Completion: June 2015



SR-II Heat Shrink Cathodic Protection Sleeve Installation on 18" Steel Pipe

# Construction Contract Status

## FY 2015 CIP CONSTRUCTION PROJECTS

CIP NO.	PROJECT TITLE	CONTRACTOR	BASE BID AMOUNT	CONTRACT AMOUNT W/ ALLOWANCES	NET CHANGE ORDERS LTD*		CURRENT CONTRACT AMOUNT	TOTAL EARNED TO DATE	% CHANGE ORDERS W/ ALLOWANCE CREDIT**	% COMPLETE	EST. COMP. DATE
					PROJECT TOTAL	%					
<b>P2453-002103</b>	SR-11 Potable Water Utility Relocations - Sequence 1	Coffman Specialties, Inc.	\$947,380	\$992,380	\$16,047	1.7%	\$963,427	\$431,335	-2.9%	44.8%	June 2015
<b>P2493</b>	624-2 Reservoir Coating	Advanced Industrial Services	\$1,169,000	\$1,199,000	\$0	0.0%	\$1,180,770	\$1,180,770	-1.5%	100.0%	Completed August 2014
<b>P2515</b>	870-1 Reservoir Access Road Paving	RAP Engineering Inc.	\$205,566	\$207,362	\$9,611	4.7%	\$215,177	\$196,557	3.8%	91.3%	Completed January 2015
<b>P2531 P2532 P2535</b>	944-1, 944-2, & 458-2 Reservoirs Interior/Exterior Coating & Upgrades	Olympus and Associates Inc.	\$1,146,008	\$1,206,008	\$0	0.0%	\$1,179,944	\$42,550	-2.2%	3.6%	July 2015
<b>P2453-003103</b>	SR-11/125/905 Connector Ramps Blow Off Relocation	TC Construction Company, Inc.	\$67,750	\$73,750	\$0	0.0%	\$67,750	\$0	-8.1%	0.0%	May 2015
<b>R2111</b>	RWCWRF RAS Pumps Replacement	Cora Constructors Inc.	\$295,315	\$315,315	\$0	0.0%	\$295,315	\$0	-6.3%	0.0%	November 2015
<b>R2112</b>	450-1 Disinfection Facility Rehabilitation	Fordyce Construction, Inc.	\$108,350	\$128,350	\$0	0.0%	\$108,350	\$0	-15.6%	0.0%	June 2015
<b>S2033</b>	Calavo Basin Sewer Rehabilitation Phase 1	Arrieta Construction Inc.	\$521,890	\$529,490	\$0	0.0%	\$521,890	\$0	-1.4%	0.0%	June 2015
		<b>TOTALS:</b>	<b>\$4,461,259</b>	<b>\$4,651,655</b>	<b>\$25,658</b>	<b>0.6%</b>	<b>\$4,532,623</b>	<b>\$1,851,211</b>	<b>-2.6%</b>		

\*NET CHANGE ORDERS DO NOT INCLUDE ALLOWANCE ITEM CREDITS. IT'S A TRUE CHANGE ORDER PERCENTAGE FOR THE PROJECT

\*\*THIS CHANGE ORDER RATE INCLUDES THE CREDIT FOR UNUSED ALLOWANCES

# Consultant Contract Status

Consultant	CIP No.	Project Title	Original Contract Amount	Total Change Orders	Revised Contract Amount	Approved Payment To Date	% Change Orders	% Project Complete	Date of Signed Contract	End Date of Contract
<b>PLANNING</b>										
ATKINS	Varies	2015 WATER FACILITIES MASTER PLAN UPDATE	\$ 434,731.00	\$ -	\$ 434,731.00	\$ 142,697.96	0.0%	32.8%	1/28/2014	12/31/2016
CAROLLO ENGINEERS, INC.	VARIES	2015 INTEGRATED WATER RESOURCES PLAN UPDATE	\$ 99,993.00	\$ -	\$ 99,993.00	\$ -	0.0%	0.0%	11/17/2014	6/30/2016
WATER SYSTEMS CONSULTING INC	VARIES	AS-NEEDED HYDRAULIC MODELING FY15/16	\$ 175,000.00	\$ -	\$ 175,000.00	\$ 32,852.50	0.0%	18.8%	7/15/2014	6/30/2016
<b>DESIGN</b>										
AECOM	P2451	OTAY MESA CONVEYANCE AND DISINFECTION SYSTEM (DESIGN ENGINEER)	\$ 3,910,297.00	\$(228,365.00)	\$ 3,681,932.00	\$1,139,038.76	-5.8%	30.9%	1/6/2011	6/30/2018
AEGIS ENGINEERING MGMT INC	Varies	AS-NEEDED DESIGN SERVICES FY13-14	\$ 300,000.00	\$ -	\$ 300,000.00	\$ 174,877.78	0.0%	58.3%	11/1/2012	6/30/2015
ARCADIS U.S., INC.	P2434, P2511	VALUE ENGINEERING AND CONSTRUCTIBILITY REVIEW	\$ 153,628.00	\$ -	\$ 153,628.00	\$ 70,208.73	0.0%	45.7%	1/24/2012	6/30/2016
ARCADIS U.S. INC	VARIES	AS-NEEDED DESIGN FY 15-16	\$ 300,000.00	\$ -	\$ 300,000.00	\$ 80,791.51	0.0%	26.9%	9/11/2014	6/30/2016
ATKINS	Varies	AS-NEEDED ENGINEERING DESIGN SERVICES FY12-13	\$ 175,000.00	\$ -	\$ 175,000.00	\$ 157,396.56	0.0%	89.9%	10/26/2011	6/30/2015
BROWNSTEIN HYATT FARBER SCHRECK	P2451	OTAY MESA CONVEYANCE AND DISINFECTION SYSTEM (BINATIONAL WATER AND RELATED ISSUES)	\$ 12,155.04	\$ -	\$ 12,155.04	\$ 8,581.43	0.0%	70.6%	7/9/2013	6/30/2015
BSE ENGINEERING INC	Varies	AS-NEEDED ELECTRICAL SERVICES	\$ 100,000.00	\$ -	\$ 100,000.00	\$ 28,665.62	0.0%	28.7%	7/1/2012	6/30/2015
CAROLLO ENGINEERS INC	P2083	DESIGN/CONSTRUCTION FOR 870-2 PS	\$ 624,910.00	\$ 29,000.00	\$ 653,910.00	\$ 346,101.40	4.6%	52.9%	10/11/2013	12/31/2017
DARNELL & ASSOCIATES	Varies	AS-NEEDED TRAFFIC ENGINEERING SERVICES	\$ 125,000.00	\$ -	\$ 125,000.00	\$ 27,920.00	0.0%	22.3%	7/1/2012	6/30/2015
EPIC FIRE PROTECTION INC	P2538	MIC TREATMENT SYSTEM	\$ 20,300.00	\$ -	\$ 20,300.00	\$ 20,300.00	0.0%	100.0%	7/31/2014	COMPLETE



# Consultant Contract Status

Consultant	CIP No.	Project Title	Original Contract Amount	Total Change Orders	Revised Contract Amount	Approved Payment To Date	% Change Orders	% Project Complete	Date of Signed Contract	End Date of Contract
<b>DESIGN</b>										
HDR ENGINEERING INC	Varies	CORROSION SERVICES FY14-FY16	\$ 684,750.00	\$ -	\$ 684,750.00	\$ 308,905.02	0.0%	45.1%	11/22/2013	12/31/2015
HECTOR MARES-COSSIO	P2451	OTAY MESA CONVEYANCE AND DISINFECTION SYSTEM (BINATIONAL WATER AND RELATED ISSUES)	\$ 120,000.00	\$ -	\$ 63,000.00	\$ 63,000.00	0.0%	100.0%	4/1/2013	9/15/2014 COMPLETE
LEE & RO INC	P2511	OTAY INTERCONNECT PIPELINE	\$ 2,769,119.00	\$ -	\$ 2,769,119.00	\$1,108,680.98	0.0%	40.0%	11/4/2010	12/31/2015
LEONARD H VILLARREAL	P2451	OTAY MESA CONVEYANCE AND DISINFECTION SYSTEM (BINATIONAL WATER AND RELATED ISSUES)	\$ 875.00	\$ -	\$ 875.00	\$ 875.00	0.0%	100.0%	3/21/2014	3/21/2015 COMPLETE
MICHAEL D.KEAGY REAL ESTATE	Varies	AS-NEEDED APPRAISAL SERVICES FY13-14	\$ 45,000.00	\$ -	\$ 45,000.00	\$ 33,000.00	0.0%	73.3%	9/17/2012	6/30/2015
PIPELINE INSPECTION & CONDITION ANALYSIS CORPORATION	R2116	INSPECTION AND CONDITION ASSESSMENT OF THE RALPH W. CHAPMAN WATER RECYCLING FACILITY 14-INCH FORCE MAIN	\$ 302,092.00	\$ -	\$ 302,092.00	\$ 87,500.00	0.0%	29.0%	12/18/2014	4/30/2016
PSOMAS	VARIABLES	AS-NEEDED DESIGN FY 15-16	\$ 300,000.00	\$ -	\$ 300,000.00	\$ 4,876.13	0.0%	1.6%	9/11/2014	6/30/2016
RFYEAGER	Varies	AS-NEEDED CORROSION ENGINEERING AND RESERVOIR COATING INSPECTION	\$ 175,000.00	\$ -	\$ 175,000.00	\$ -	0.0%	0.0%	2/9/2015	12/31/2016
RICK ENGINEERING COMPANY	S2024	CAMPO ROAD SEWER MAIN REPLACEMENT PROJECT	\$ 805,705.00	\$ -	\$ 805,705.00	\$ 211,855.73	0.0%	26.3%	5/27/2014	12/31/2017
SILVA SILVA CONSULTING	P2451	OTAY MESA CONVEYANCE AND DISINFECTION SYSTEM (BINATIONAL WATER AND RELATED ISSUES)	\$ 115,000.00	\$ -	\$ 115,000.00	\$ 40,289.05	0.0%	35.0%	5/1/2014	6/30/2016
SIMON WONG ENGINEERING	R2109	WOODEN TRESTLE IMPROVEMENT	\$ 26,790.00	\$ -	\$ 26,790.00	\$ 26,790.00	0.0%	100.0%	5/1/2014	12/31/2015 COMPLETE
SOUTHERN CALIFORNIA SOIL	Varies	GEOTECHNICAL SERVICES FY13-15	\$ 175,000.00	\$ -	\$ 175,000.00	\$ 57,010.81	0.0%	32.6%	12/10/2012	6/30/2015
STUTZ ARTIANO SHINOFF & HOLTZ	P2451	OTAY MESA CONVEYANCE AND DISINFECTION SYSTEM (BINATIONAL WATER AND RELATED ISSUES)	\$ 3,060.00	\$ -	\$ 3,060.00	\$ 3,060.00	0.0%	100.0%	-	3/31/2015 COMPLETE
TETRA TECH, INC	P2434	RANCHO DEL REY WELL - PHASE 2	\$ 724,493.50	\$ 23,749.00	\$ 748,242.50	\$ 491,684.17	3.3%	65.7%	4/28/2011	12/31/2014 COMPLETE



# Consultant Contract Status

Consultant	CIP No.	Project Title	Original Contract Amount	Total Change Orders	Revised Contract Amount	Approved Payment To Date	% Change Orders	% Project Complete	Date of Signed Contract	End Date of Contract
<b>DESIGN</b>										
(W) RIGHT ON COMMUNICATIONS, INC.	P2451	OTAY MESA CONVEYANCE AND DISINFECTION SYSTEM (BINATIONAL WATER AND RELATED ISSUES)	\$ 49,000.00	\$ -	\$ 49,000.00	\$ 32,016.35	0.0%	65.3%	5/1/2014	5/1/2015
<b>CONSTRUCTION SERVICES</b>										
AIRX UTILITY SURVEYORS	Varies	AS-NEEDED SURVEYING SERVICES FY 14-15	\$ 175,000.00	\$ -	\$ 175,000.00	\$ 119,423.00	0.0%	68.2%	9/18/2013	6/30/2015
ALYSON CONSULTING	Varies	CONSTRUCTION MGMT/INSPECTION FY 13-15	\$ 350,000.00	\$ 35,000.00	\$ 385,000.00	\$ 271,355.00	10.0%	70.5%	10/24/2012	12/31/2015
HARPER & ASSOCIATES	P2493	COATING INSPECTION SERVICES ON THE 624-2 & 458-2 RESERVOIR	\$ 75,160.00	\$ -	\$ 75,160.00	\$ 75,155.00	0.0%	100.0%	8/27/2013	7/3/2014 COMPLETE
RBF CONSULTING, INC	P2083	870-2 PS CONSTRUCTION MANAGEMENT AND INSPECTION SERVICES	\$ 853,457.00	\$ -	\$ 853,457.00	\$ 15,742.00	0.0%	1.8%	7/30/2014	12/31/2017
<b>ENVIRONMENTAL</b>										
HELIX ENVIRONMENTAL	VARIABLES	MAINTENANCE AND MONITORING OF THE SAN MIGUEL HABITAT MANAGEMENT AREA AND CIP ASSOCIATED MITIGATION PROJECTS	\$ 476,173.00	\$ -	\$ 476,173.00	\$ 37,352.05	0.0%	7.8%	12/19/2014	12/31/2017
ICF INTERNATIONAL JONES & STOKES INC	VARIABLES	AS-NEEDED ENVIRONMENTAL SERVICES FY 15/16/17	\$ 375,000.00	\$ -	\$ 375,000.00	\$ 37,131.77	0.0%	9.9%	7/18/2014	6/30/2017
MERKEL & ASSOCIATES	Varies	SAN MIGUEL HABITAT MANAGEMENT AREA AND CIP-ASSOCIATED MITIGATION PROJECTS	\$ 359,079.00	\$ 26,750.00	\$ 385,829.00	\$ 385,829.00	7.4%	100.0%	12/20/2011	12/31/2014 COMPLETE
RECON	P2494	PREPARATION OF THE SUBAREA PLAN	\$ 270,853.00	\$ -	\$ 270,853.00	\$ 193,262.61	0.0%	71.4%	3/28/2008	6/30/2015
<b>WATER RESOURCES</b>										
MICHAEL R. WELCH	Varies	ENGINEERING PLANNING SVCS.	\$ 100,000.00	\$ -	\$ 100,000.00	\$ 8,250.00	0.0%	8.3%	4/9/2014	6/30/2019
<b>PUBLIC SERVICES</b>										
AEGIS ENGINEERING MANAGEMENT	Varies	AS-NEEDED DEVELOPER PROJECTS FY 14-15	\$ 350,000.00	\$ 24,000.00	\$ 374,000.00	\$ 309,990.68	6.9%	82.9%	8/26/2013	6/30/2015
AEGIS	Varies	AS-NEEDED DEVELOPER PROJECTS FY 15-16	\$ 400,000.00	\$ -	\$ 400,000.00	\$ 2,875.00	0.0%	0.7%	2/12/2015	6/30/2017
<b>TOTALS:</b>			<b>\$16,511,620.54</b>	<b>\$ (89,866.00)</b>	<b>\$16,364,754.54</b>	<b>\$6,155,341.60</b>	<b>-0.5%</b>			



# QUESTIONS?

# AGENDA ITEM 9b



## STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	June 3, 2015
		PROJECT:	DIV. NO. All
SUBMITTED BY:	Armando Buelna, Communications Officer Andrea Carey, Customer Service Manager		
APPROVED BY:	<input checked="" type="checkbox"/> Joseph R. Beachem, Chief Financial Officer <input checked="" type="checkbox"/> German Alvarez, Assistant General Manager <input checked="" type="checkbox"/> Mark Watton, General Manager		
SUBJECT:	Implementation of Various Conservation Efforts to Comply with the State Board's Emergency Conservation Regulations of Potable Urban Water Use		

### **GENERAL MANAGER'S RECOMMENDATION:**

This is an informational item only.

### **COMMITTEE ACTION:**

See Attachment A.

### **PURPOSE:**

To comply with the State Water Board's emergency conservation regulations of potable urban water use.

### **ANALYSIS:**

On April 1, 2015, Governor Jerry Brown issued a series of executive orders to address California's ongoing drought and establish a statewide goal of reducing urban potable use by 25%. In response, on May 5, 2015, the State Water Resources Control Board implemented

statewide mandatory conservation targets for all urban water suppliers.

The State Water Board is mandating cuts of 20% for Otay. This targeted reduction is based on usage from 2013. The State will begin assessing compliance with the submittal of the June monthly report on July 15<sup>th</sup>. District staff is moving quickly to begin educating customers on the seriousness of the drought and the importance of conservation.

**Conservation Actions**

In order to meet the conservation target, staff is working on a variety of processes to encourage additional conservation throughout the District. Below are various conservation action items staff will be working on in the coming months.

Although, staff has developed new conservation strategies, it is important to highlight those processes that were put into place before the State mandate. The table below shows conservation processes already in place:

<b>Process</b>	<b>Description</b>
Leak Alarm Notification	This outreach program uses the Master Links technology to identify leak alarms. Based on usage pattern, the customer receives an email, letter or site visit.
Bill Inserts	Bill inserts/newsletters include water conservation messaging. These are sent to all our customers.
Website Updates	Latest updates and conservation guidelines about the drought.
Water Waste Tracking	Online water waste reporting and automated letters.
Tamper Alarms	Monitor meter reading software for tamper alarms which signal meter tampering and act accordingly.

Beginning on or before June 1<sup>st</sup>, the following items will be implemented:

<b>Process</b>	<b>Description</b>
Auto-dial or Email Campaign	Message to all water customers announcing state mandate specific to Otay.
Drought Webpage and Hotline	Creation of a webpage and hotline which gives customers specific information related to the state mandate and conservation resources.
Conservation Outreach to Commercial Irrigation Customers	Target all irrigation customers to inform them of state mandate and the need to reduce outdoor irrigation 25%.
Conservation Outreach to Well Water Sites	Letters mailed to all known commercial well customers notifying them of state mandates specific to well water customers.
Conservation Outreach to Top Users	Sr. Water Conservation Specialist to make personal contact with District's top residential, commercial and master meter users. Conservation will also develop targeted letter, emails and automated phone calls to users based on consumption.
Signs at Common Areas	CWA has provided Otay signs that can be strategically placed in areas throughout the District.
Additional Messaging	Social media and bill messages added/changed to communicate the drought message.
Door Hangers	New door hangers are being created that can be left at those residential homes or businesses where water waste is observed.
Bill Envelope Messages (Sniping)	Otay will put messages on the outside of the bill envelope to communicate the drought message and ways to save.
Increased CWA Water Audits	Water audits will be highlighted as part of overall water conservation messaging.
Evaluation of District's Internal Water Use	Staff will be evaluating current landscape irrigation patterns for District facilities to ensure the District is in compliance.
Recycled Water Use Signs	Signs will be available to recycled water customers that highlight recycled water is currently in use at their location.
Interactive Water Target Information on Website	Customers will be able to go to a web page and enter account information which will give a targeted conservation amount based on 2013 usage history.

The following items will be implemented by July 1<sup>st</sup>:

<b>Process</b>	<b>Description</b>
Temporary Staff	To assist with outreach and conservation efforts.
Ordinance 551	Approval by Board of Ordinance 551 adding Section 40 (State Drought Response) to the District's Code of Ordinances.
Conservation Packets	Packets that can be mailed to customers who request more information or handed to customers when water waste is observed.
Email Notifications to Customers in Highest Tier	Email customers to notify them how much of their water is being billed at the highest rate and give them a target for the next month.
Conservation Targets for all Customers	Staff will be working to communicate personal monthly conservation targets to all customers either via their Otoy bill or a separate letter/email.

This last set of action items will take District staff more time and may require services from outside contractors, therefore, completion has an added complexity and will be more challenging. Staff will keep the Board updated on the progress of these items.

<b>Process</b>	<b>Description</b>
Changes to Bill Print	Enhancing the bill print to include 2013 usage data, billing tiers and usage targets.
Text Messaging	Staff is working on the ability to send text messages to customers to alert them of leaks, water waste or high consumption.
Recycled Water for Fire Department and Street Sweeping	This is an idea currently being investigated by staff to allow recycled water to be used for fire training and street sweeping.
Increase Frequency of Large Meter Testing	This effort would ensure our largest water users are accurately billed for all usage flowing through their meters. Currently, they are tested annually.
Leak Detection Program	The District will be accelerating its leak detection program. The start date is anticipated to be February 2016.

Staff will be working closely with neighboring water agencies to ensure conservation efforts align across the region. Staff will also be closely monitoring customer response of the messages communicated and will make modifications, as

necessary, to ensure all customers are aware and take the need to conserve seriously. The District's Code of Ordinances allows action against water waste up to and including disconnection of service and/or fines for repeat, egregious offenders.

**FISCAL IMPACT:**             Joe Beachem, Chief Financial Officer

The cost of additional water conservation efforts is estimated to be approximately \$550,000. Contingency funds are currently included in fiscal year 2015 and are proposed for the fiscal year 2016 budget. Any additional funds related to the expansion of the recycled system are budgeted separately.

**STRATEGIC GOAL:**

Actively manage water supply and demand.

**LEGAL IMPACT:**

None.

Attachments:

- A) Committee Action



## ATTACHMENT A

<b>SUBJECT/PROJECT:</b>	Implementation of Various Conservation Efforts to Comply with the State Board's Emergency Conservation Regulations of Potable Urban Water Use
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### COMMITTEE ACTION:

The Finance, Administration and Communications Committee reviewed this item at a meeting held on May 20, 2015 and the following comments were made:

- Staff indicated that the State Board voted on May 5th to implement statewide mandatory conservation targets for all urban water suppliers. Otay WD's conservation target has been set at 20% of the 2013 use levels.
- In response to the statewide mandate for conservation, staff has been working on a comprehensive conservation outreach plan to encourage additional conservation throughout the District. Staffs' report provides a timeline of various messaging tools that staff will be using to communicate the conservation mandate to customers and assist them in conserving water.
- Staff highlighted the messaging tools that were implemented prior to the State mandate (reference the chart on page two [2] of staffs' report).
- Staff also reviewed the new messaging tools listed on page four (4) of staffs' report that will be implemented by June 1, 2015 as part of the customer outreach plan to communicate the mandatory conservation and encourage additional conservation.
- It was indicated that listed on the bottom of page four (4) of staffs' report are action items that will take more time and may require services from outside contractors to implement. The completion of these action items, thus, has added complexity and will be more challenging to implement. Staff will keep the Board updated on the progress of these items.
- Staff will also be working closely with neighboring agencies to ensure conservation efforts are aligned across the region. Staff

will be closely monitoring customers response to the conservation messages and will make modifications, as necessary, to ensure all customers are aware of the need to conserve and take the messaging seriously. If warranted, the District's Code of Ordinances allows disconnection of service and/or fines for repeat water waste offenders.

- Staff has also developed materials for communicating the State Governor's mandates and the need to conserve. The materials include a letter to all customers that will be forwarded with their water bill; a billing envelope with bold red print indicating, "Important Information Inside," and conservation messages written in red on the front and back of the envelope; a special insert providing tips on how customers can reduce their water use by 20%; list of messages that will be printed within the customers' bills; door hangers to advise residents that the District has observed water waste at their property; and a draft of an email to customers (that the District has emails for) with the conservation message.
- Staff will utilize pre-existing material when possible as it will be more efficient and will save the District graphic design costs. The District's logo will be placed on these materials so it does not confuse customers from where the message is coming from. Also, if CWA will print some of the materials, staff will utilize their assistance as it will also save money.
- Additionally, staff shared the materials that CWA developed as part of their outreach plan. CWA has a \$1 million public outreach campaign that will start very soon and includes online ads, signage, bill inserts, radio ads, etc. The District's material, as much as it can, will "echo" CWA's so all the messages are consistent throughout the County.
- There will also be campaign efforts by the State and Metropolitan Water District. The District will continue to communicate via Facebook, Twitter, articles in the customer newsletter and press releases.
- It was indicated that the conservation message is very complicated as some of the restrictions do not apply to those customers who are utilizing high efficiency equipment like weather based irrigation controllers, rotary nozzles, moisture sensors, etc. Staff will be including this information in the messaging communications to customers.

- Staff noted that much of the communications materials will be translated into Spanish, including possibly, future autodial messaging calls to customers.
- The communications plan will be evolving as it is rolled out. The District wishes to communicate in as many ways as possible the conservation message and provide useful information to its customers without over doing it.
- It was discussed that the District will follow suit with a majority of the agencies, including CWA, that materials will indicate that customers may only water two (2) days per week. This will align all the messages and avoid confusion.
- In response to an inquiry from the committee, it was indicated that the District does have a water waste procedure for those customers who have been identified as "wasting water." The customer is forwarded a letter indicating the water waste that has been observed on their property (watering too often, overspray, etc.), the date and time it was observed and that it violates the District's Code. They are also provided suggestions on how to fix/repair the issue and where they can find additional information on the District's website.

If the waste is severe, such as, water running for an extended period of time or creating runoff, it will be investigated.

If the customer is observed wasting water again, a second letter is forwarded with more forceful language indicating that they could be in violation of the District's Code and they could be fined (\$50 to \$500), etc. The District has not yet had to fine customers for water waste violations.

If a third complaint is received for the same property, it will be referred to the District's Sr. Conservation Specialist and either he or a Field Representative will visit the property to investigate. They will also speak to the complainant to verify the water waste that they witnessed. The most common complaint is water leaks. Customers have 48 hours to repair leaks before their water is shutoff.

The committee suggested that the violation letters be sent via email at the same time that the letter is mailed.

- Staff is creating a tool that will be provided on the District's website for customers. The tool will be available very soon and will allow customers to view their water use in calendar year 2013 and their target use for 2015 to help them reduce their water use.

- CWA will also provide a pool of interns through their internship program to assist member agencies with drought measure enforcement if District's require assistance.

Following the discussion, the committee supported staffs' recommendation and presentation of this item to the full board as an informational item.

# AGENDA ITEM 10



## STAFF REPORT

TYPE		MEETING			
MEETING:	Regular Board	DATE:	June 3, 2015		
SUBMITTED	Mark Watton	W.O./G.F.	N/A	DIV.	N/A
BY:	General Manager	NO:		NO.	
APPROVED BY:	<input checked="" type="checkbox"/> Mark Watton, General Manager				
SUBJECT:	General Manager's Report				

### ADMINISTRATIVE SERVICES:

#### Purchasing and Facilities:

- Purchase Orders - There were 144 blanket and regular purchase orders in effect during April with an adjusted total value of \$349,761. In addition, there were 185 Cal-Card transactions totaling \$54,598. By value, Cal-Card represents 14% of all purchases; blanket orders 43%; and regular PO's 43%.

#### Human Resources:

- Annual Performance Evaluations - Managers and Supervisors will be completing the annual performance evaluations during the months of June and July. HR will provide assistance where needed.
- Recruitments - HR is recruiting for Senior Utility Worker/Equipment Operator.
- New Hires/Promotions - There were three (3) new hires in the month of May: Utility Worker II, Reclamation Plant Operator II, and Systems Support Analyst were filled with external applicants. Jonathan Chambers was promoted to Lead Construction Inspector.

#### Safety & Security:

- District Facilities' Physical Security - The District is continuing the hardening (evaluation/repair/upgrade) of the alarm systems configuration and components with an anticipated

phase completion of June 30, 2015. This is required and paves the way for the implementation of an Enterprise Physical Security and Access control program.

- Hearing Conservation Program - Staff completed annual hearing testing and training, which is part of the District's hearing conservation program requirements.
- Emergency Training - Staff attended EPA workshop training on vulnerability and water health, economic self-assessment, and consequence analysis.
- Safety Training - Staff updated the Heat Illness Prevention program and completed refresher training, incorporating the latest 2015 regulatory changes from Cal/OSHA, which became effective May 1, 2015.
- WebEOC Training Exercise - Staff completed the May monthly exercise, which consisted of updating and posting the District's emergency phone list information to the WebEOC Regional Phone List.
- Treatment Plant Cal/ARP 3yr Audit - Staff participated in the 3-year internal audit of the Treatment Plant as part of the California Accidental Release Program (Cal/ARP) requirements.

#### **INFORMATION TECHNOLOGY AND STRATEGIC PLANNING:**

- Drought Public Outreach - IT staff is currently assisting in the District's water conservation efforts with direct mail, social media, and posting on the District's website to serve as public outreach in alerting customers of the mandated change. Staff is also working with our financial system and data processing vendor to assist in modifying customer bills to reflect water consumption, progress towards water conservation target, and change in usage.

#### **FINANCE:**

- Mobile Payment Platform - In the beginning of May, Otay Water District's bill payment provider, Infosend, rolled out a new mobile payment platform. Now customers using their smart phone or tablet can view bills and make payments using a mobile friendly version of the website. The system will identify the device as a mobile device and automatically route customers to the mobile platform.
- Metro TAC Update - At the May 20<sup>th</sup> Metro TAC meeting, staff was informed that the City of San Diego plans to refund the District \$483,110, which is due to bill corrections from FY2007 through FY2012. This refund is expected in FY2015 and was anticipated in the FY2016 budget process. Additionally, the

District will receive \$26,053 from the City, which is Otay's share of the recycled water revenues from the South Bay Water Reclamation Plant.

- Landscape Contest Winner - The District's 2015 Landscape Contest winner is Dr. Nancy Montalvo of Chula Vista. In 2012, she participated in the District's turf removal program and replaced all the grass in the front yard. In 2014, she replaced all the grass in the backyard reducing her annual water usage by 54% from previous years.
- Financial Reporting:
  - For the nine months ended April 30, 2015, there are total revenues of \$75,713,540 and total expenses of \$74,917,627. The revenues exceeded expenses by \$795,913.
  - The market value shown in the Portfolio Summary and in the Investment Portfolio Details as of April 30, 2015 total \$84,815,787 with an average yield to maturity of 0.65%. The total earnings year-to-date are \$452,904.23.

#### **ENGINEERING AND WATER OPERATIONS:**

##### **Engineering:**

- **927 Zone, Force Main Assessment and Repair Project:** This Project consists of inspection, condition assessment, and repair of the existing Ralph W. Chapman Water Reclamation Facility (RWCWRF) 1980 era, 16,000 feet long, 14-inch diameter steel force main. The majority of the project will be delayed one year such that construction will commence October 2016, including Pipeline Inspection and Condition Analysis Corporation (PICA) inspection of the lower 12,000 feet of force main, replacement of fifteen (15) existing blow offs, and replacement of the existing cathodic protection system. Cultural resources (artifacts) were found on at least one third of the work sites. The 2016 fiscal year project was adjusted accordingly. (R2116)
- **SR-11 Potable Water Utility Relocations:** This project consists of two (2) groups of potable water relocations to accommodate the construction of the future SR-11 right-of-way and connector ramps. The first group includes relocation of existing pipelines in Sanyo Avenue and utility easements and is currently in the construction phase. The contractor, Coffman Specialties Inc., has relocated the 10-inch and 12-inch mains and has completed a majority of the work to lower the District's 18-inch transmission main to accommodate the Caltrans freeway retaining wall footings. It is anticipated that this construction contract will reach substantial

completion in June 2015 (ahead of schedule). The second group consists of relocating a 6-inch blow off in Otay Mesa Road and is currently in the construction phase. The contractor, TC Construction Co., Inc., anticipates construction to relocate the 6-inch blow off in June 2015. The overall project is within budget and on schedule. (P2453)

- **944-1, 944-2, & 458-2 Reservoir Interior/Exterior Coatings & Upgrades:** This project consists of removing and replacing the interior and exterior coatings of the 944-1 0.3 MG Reservoir, the 944-2 3.0 MG Reservoir, and the 458-2 1.8 MG Reservoir along with providing structural upgrades to ensure the tanks comply with both State and Federal OSHA standards as well as the American Water Works Association and the County Health Department standards. The contractor, Olympus & Associates, has completed the interior coating of the 944-2 Reservoir and is completing the exterior coating work. The contractor has completed the removal of the existing coating from the interior floor, roof, and walls at the 458-2 Reservoir. A structural assessment is being completed on the interior of this 48 year old reservoir to determine the extent of repairs needed. It is anticipated that work to complete structural repairs and apply the new interior coating at the 458-2 Reservoir will begin in June 2015. The overall project is behind schedule. The District's Construction Manager is working with the contractor on a recovery schedule that currently indicates a July 2015 completion. The overall project is within budget. (P2531, P2532, P2535)
- **Ralph W. Chapman Water Reclamation Facility (RWCWRF) Return Activated Sludge (RAS) Pumps Replacement Project:** This Project consists of removal and replacement of the existing 5 horsepower (HP) RAS pumps with upgraded 20 HP units. On January 7, 2015, the Board awarded a construction contract to Cora Constructors, Inc. Pumps have been ordered and on-site activities are projected to start in June 2015. It is anticipated that pumps will be replaced July through September 2015. The project is within budget and scheduled to be completed in November 2015. (R2111)
- **Calavo Basin Sewer System Rehabilitation:** This project consists of removing and replacing approximately 1,200 linear feet of 8-inch PVC sewer pipeline and construction of 220 feet of new 8-inch PVC sewer pipeline in the residential streets of the Calavo Gardens area near Avocado Boulevard. The contractor, Arrieta Construction, has completed sewer repairs. Remaining work to be completed consists of surface restoration and CCTV inspection of the sewer work. The project is on budget and scheduled to be completed in June 2015. (S2033)

- **Rosarito Desalination:** Staff and representatives from NSC Agua continue to coordinate on complying with the California Water Resources Control Board Drinking Water Program regulatory requirements. The work on the EIR/EIS document for the project is proceeding. All of the technical reports to support the EIR/EIS are complete and being reviewed by staff and the State Department and the EIR/EIS chapters are being written. The draft document for public review is anticipated to be ready in late June 2015. (P2451)
- **850-3 Reservoir Interior Coatings:** This project consists of removing and replacing the interior coatings of the 850-3 3.0 MG Reservoir. On April 1, 2015, the Board awarded a construction contract to Abhe & Svoboda. The contractor mobilized to the site on May 4, 2015 and cut a door sheet in the shell to ease access into the tank. The contractor will be erecting scaffolding on the interior of the tank in preparation for surface blasting. The project is within budget and is scheduled to be completed in August 2015. (P2542)
- **450-1 Disinfection Facility Rehabilitation:** This project consists of replacing two (2) sodium hypochlorite tanks, relocating the chlorine feed pumps, installing a new roll-up door, and constructing a containment area. On March 4, 2015, the Board awarded a construction contract to Fordyce Construction. Notice to Proceed was granted on April 6, 2015, and the contractor is completing the procurement of long lead items. The contractor mobilized to the site on June 1, 2015. The project is within budget and is anticipated to be completed in late June 2015. (R2112)
- **Emergency Recycled Water Fire Hydrant Installations:** This project consists of installing 2-3 fire hydrants on the recycled water system for emergency fire suppression. The project includes meeting Title 22 requirements, establishing protocol, and site selection. Work to identify the permitting requirements will begin on July 1, 2015, when the FY 2016 budget year begins. (R2122)
- **Disposal of Real Estate Properties Declared Surplus by the Board:** The District, through a competitive process based on qualifications and pricing, secured the real estate brokerage services of the Norberg Group to support the disposal of six (6) properties declared surplus by the Board. On March 13, 2015, the District entered into listing agreements with the Norberg Group for the six (6) properties. The District has accepted offers for three (3) of the surplus properties which are located at Steele Canyon Road, Wild Mustang Place, and Sweetwater Springs Boulevard. These properties are currently in escrow.

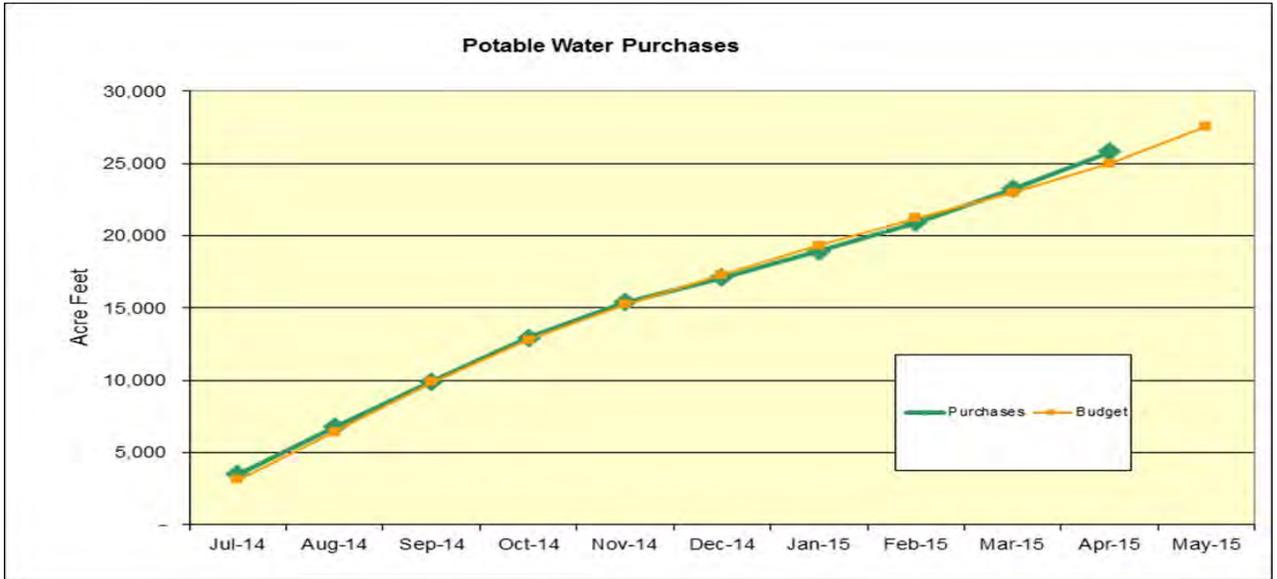
- **Southwestern College:** District staff has been in contact with Southwestern College staff. The engineer for Southwestern College is preparing to submit plans to tie into the recycled water supply located in Otay Lakes Road. Additionally, District staff has provided information to Southwestern College regarding how to secure daily usage data that would assist Southwestern College in measuring progress with the College's leak detection assessment.
- For the month of April 2015, the District sold 17 meters (29.5 EDUs) generating \$292,908 in revenue. Projection for this period was 12.8 meters (15.3 EDUs), with budgeted revenue of \$140,758. Total revenue for Fiscal Year 2015 is \$3,316,713, against the annual budget of \$1,689,093.

The following table summarizes Engineering's project purchases and amendments issued during the period of April 18, 2015 through May 20, 2015 that were within staff signatory authority:

<b>Date</b>	<b>Action</b>	<b>Amount</b>	<b>Contractor/ Consultant</b>	<b>Project</b>
4/30/15	P.O.	\$3,200.00	Mayer Reprographics	944-1 Optimization and Pressure Zone Modifications and 624 Pressure Zone PRSs (R2110 & P2541)
5/11/15	P.O.	\$16,708.86	Southwest Valve	RecPL-14-Inch, 927 Zone, Force Main Assessment and Repair (R2116)
5/19/15	P.O.	\$15,000.00	Clarkson Lab	Various developer and CIP projects
5/20/15	P.O.	\$2,958.00	DJA Inspection	458-2 Reservoir Interior & Exterior Coating & Upgrades (P2535)
5/20/15	P.O.	\$4,000.00	Downstream Services	RecPL-14-Inch, 927 Zone, Force Main Assessment and Repair (R2116)

**Water Operations:**

- Total number of potable water meters is 49,403.
- The April potable water purchases were 2,559.9 acre-feet which is 26.5% above the budget of 2,023.5 acre-feet. The cumulative purchases through April is 25,813.2 acre-feet which is 3.3% above the cumulative budget of 24,992.5 acre-feet.



- The April recycled water purchases and production was 419.5 acre-feet which is 59.5% above the budget of 262.6 acre-feet. The cumulative production and purchases through April is 3,638.4 acre-feet which is 14.9% above the cumulative budget of 3,166.1 acre-feet.



- Recycled water consumption for the month of April is as follows:
  - Total consumption was 352.6 acre-feet or 114,862,132 gallons and the average daily consumption was 2,074,614 gallons per day.
  - Total recycled water consumption as of April for FY 2015 is 3542.8 acre-feet.
  - Total number of recycled water meters is 707.
  
- Wastewater flows for the month of April were as follows:
  - Total basin flow, gallons per day: 1,559,147.
  - Spring Valley Sanitation District Flow to Metro, gallons per day: 516,120.
  - Total Otay flow, gallons per day: 1,043,027.
  - Flow Processed at the Ralph W. Chapman Water Recycling Facility, gallons per day: 982,613.
  - Flow to Metro from Otay Water District was 60,414 gallons per day.
  
- By the end of April there were 6,091 wastewater EDUs.

OTAY WATER DISTRICT  
**COMPARATIVE BUDGET SUMMARY**  
 FOR TEN MONTHS ENDED APRIL 30, 2015

	Annual Budget	Actual	Budget	YTD Variance	Var %
<b>REVENUES:</b>					
Potable Water Sales	\$ 45,669,500	\$ 37,462,315	\$ 37,187,400	\$ 274,915	0.7%
Recycled Water Sales	8,826,600	7,426,631	7,170,400	256,231	3.6%
Potable Energy Charges	2,145,600	1,810,727	1,753,300	57,427	3.3%
Potable System Charges	12,337,500	10,124,808	10,094,800	30,008	0.3%
Potable MWD & CWA Fixed Charges	10,936,200	9,083,591	9,140,800	(57,209)	(0.6%)
Potable Penalties	870,300	777,523	704,800	72,723	10.3%
Total Water Sales	<u>80,785,700</u>	<u>66,685,595</u>	<u>66,051,500</u>	<u>634,095</u>	<u>1.0%</u>
Sewer Charges	3,007,700	2,471,722	2,469,400	2,322	0.1%
Meter Fees	51,500	81,330	42,900	38,430	89.6%
Capacity Fee Revenues	1,150,600	971,897	958,800	13,097	1.4%
Betterment Fees for Maintenance	301,800	188,123	301,800	(113,677)	(37.7%)
Non-Operating Revenues	1,947,800	1,612,028	1,626,800	(14,772)	(0.9%)
Tax Revenues	3,763,700	3,155,438	2,935,600	219,838	7.5%
Interest	77,400	85,906	64,500	21,406	33.2%
Transfer from Potable General Fund	553,800	461,500	461,500	-	0.0%
Total Revenues	<u>\$ 91,640,000</u>	<u>\$ 75,713,540</u>	<u>\$ 74,912,800</u>	<u>\$ 800,740</u>	<u>1.1%</u>
<b>EXPENSES:</b>					
Potable Water Purchases	\$ 34,521,500	\$ 28,792,781	\$ 28,338,300	\$ (454,481)	(1.6%)
Recycled Water Purchases	1,601,500	1,217,989	1,320,500	102,511	7.8%
CWA-Infrastructure Access Charge	1,901,400	1,578,936	1,579,800	864	0.1%
CWA-Customer Service Charge	1,792,200	1,495,218	1,492,200	(3,018)	(0.2%)
CWA-Emergency Storage Charge	4,741,200	3,927,486	3,941,200	13,714	0.3%
MWD-Capacity Res Charge	701,400	567,649	567,200	(449)	(0.1%)
MWD-Readiness to Serve Charge	1,800,000	1,514,443	1,500,000	(14,443)	(1.0%)
Subtotal Water Purchases	<u>47,059,200</u>	<u>39,094,502</u>	<u>38,739,200</u>	<u>(355,302)</u>	<u>(0.9%)</u>
Power Charges	2,838,400	2,668,674	2,329,600	(339,074)	(14.6%)
Payroll & Related Costs	19,747,600	16,319,244	16,570,300	251,056	1.5%
Material & Maintenance	3,619,800	2,617,280	2,891,481	274,200	9.5%
Administrative Expenses	5,009,200	3,247,292	3,923,600	676,309	17.2%
Legal Fees	410,000	174,035	341,667	167,632	49.1%
Expansion Reserve	2,538,900	2,115,800	2,115,800	-	0.0%
Betterment Reserve	3,530,000	2,941,700	2,941,700	-	0.0%
Replacement Reserve	3,270,200	2,725,200	2,725,200	-	0.0%
New Supply Fee	705,000	587,500	587,500	-	0.0%
Transfer to Sewer General Fund	553,800	461,500	461,500	-	0.0%
OPEB Trust	647,100	539,300	539,300	-	0.0%
Potable General Fund	1,583,800	1,319,800	1,319,800	-	0.0%
Sewer Replacement	127,000	105,800	105,800	-	0.0%
Total Expenses	<u>\$ 91,640,000</u>	<u>\$ 74,917,627</u>	<u>\$ 75,592,448</u>	<u>\$ 674,820</u>	<u>0.9%</u>
<b>EXCESS REVENUES(EXPENSE)</b>	<u>\$ -</u>	<u>\$ 795,913</u>	<u>\$ (679,648)</u>	<u>\$ 1,475,560</u>	

**Month End  
Portfolio Management  
Portfolio Summary  
April 30, 2015**

<b>Investments</b>	<b>Par Value</b>	<b>Market Value</b>	<b>Book Value</b>	<b>% of Portfolio</b>	<b>Term</b>	<b>Days to Maturity</b>	<b>YTM 360 Equiv.</b>	<b>YTM 365 Equiv.</b>
Federal Agency Issues- Callable	59,735,000.00	59,738,752.20	59,735,906.77	71.18	981	755	0.860	0.872
Federal Agency Issues - Coupon	8,000,000.00	8,006,690.00	8,001,537.57	9.53	925	173	0.395	0.400
Certificates of Deposit - Bank	81,784.76	81,784.76	81,784.76	0.10	730	266	0.030	0.030
Local Agency Investment Fund (LAIF)	4,790,662.10	4,792,500.41	4,790,662.10	5.71	1	1	0.279	0.283
San Diego County Pool	11,307,932.62	11,302,000.00	11,307,932.62	13.48	1	1	0.490	0.497
<b>Investments</b>	<b>83,915,379.48</b>	<b>83,921,727.37</b>	<b>83,917,823.82</b>	<b>100.00%</b>	<b>787</b>	<b>554</b>	<b>0.732</b>	<b>0.742</b>
<b>Cash</b>								
Passbook/Checking (not included in yield calculations)	894,060.09	894,060.09	894,060.09		1	1	0.168	0.170
<b>Total Cash and Investments</b>	<b>84,809,439.57</b>	<b>84,815,787.46</b>	<b>84,811,883.91</b>		<b>787</b>	<b>554</b>	<b>0.732</b>	<b>0.742</b>

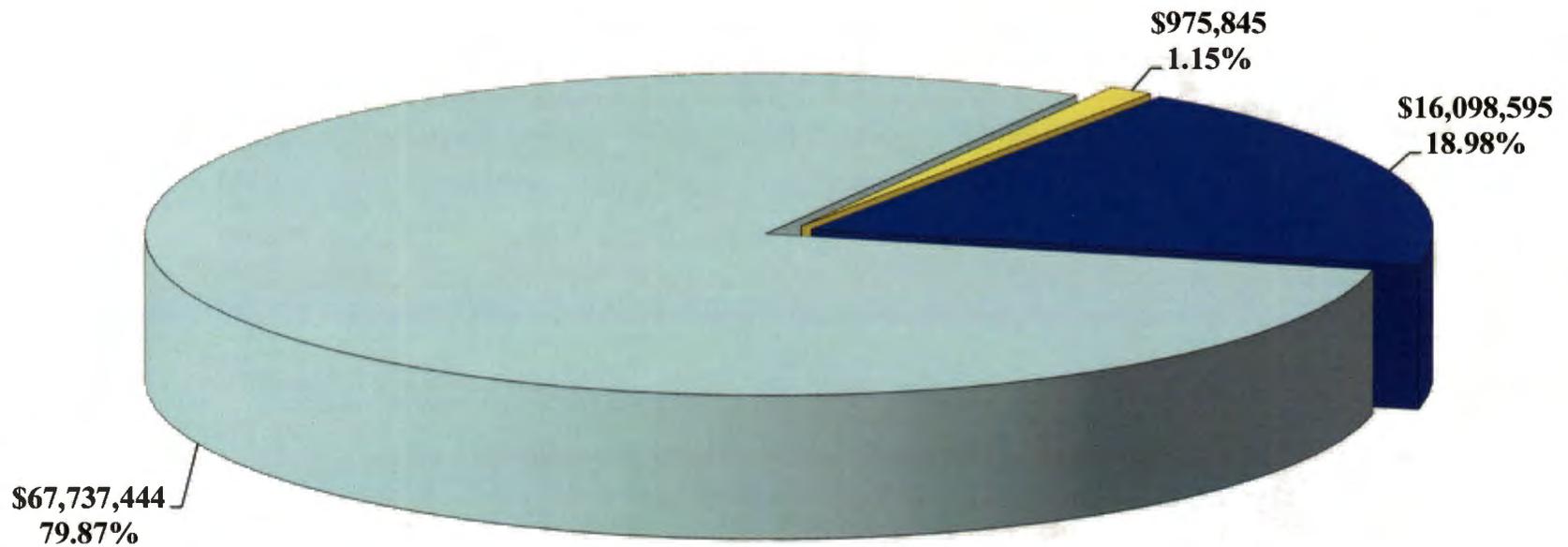
<b>Total Earnings</b>	<b>April 30 Month Ending</b>	<b>Fiscal Year To Date</b>
Current Year	50,079.50	452,904.33
<b>Average Daily Balance</b>	<b>85,446,234.48</b>	<b>83,882,868.10</b>
<b>Effective Rate of Return</b>	<b>0.71%</b>	<b>0.65%</b>

I hereby certify that the investments contained in this report are made in accordance with the District Investment Policy Number 27 adopted by the Board of Directors on May 7, 2014. The market value information provided by Interactive Data Corporation. The investments provide sufficient liquidity to meet the cash flow requirements of the District for the next six months of expenditures.

  
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 Joseph Beauchem, Chief Financial Officer

5-19-15

## Otay Water District Investment Portfolio: 04/30/2015



**Total Cash and Investments: \$84,811,884**

■ Banks (Passbook/Checking/CD)

■ Pools (LAIF & County)

■ Agencies & Corporate Notes

**OTAY WATER DISTRICT  
INVESTMENT PORTFOLIO REVIEW  
April 30, 2015**

**INVESTMENT OVERVIEW & MARKET STATUS:**

The federal funds rate has remained constant now for over 5 years. On December 16, 2008, at the Federal Reserve Board's regular scheduled meeting, the federal funds rate was lowered from 1.00% to "a target range of between Zero and 0.25%" in response to the nation's ongoing financial crisis, as well as banking industry pressure to ease credit and stimulate the economy. This marked the ninth reduction in a row since September 18, 2007, when the rate was 5.25%. There have been no further changes made to the federal funds rate at the Federal Reserve Board's subsequent regular scheduled meetings, the most recent of which was held on April 29, 2015. In determining how long to maintain the current 0 to ¼ percent target range for the federal funds rate, they went on to say: *"the Committee will assess progress--both realized and expected--toward its objectives of maximum employment and 2 percent inflation. This assessment will take into account a wide range of information, including measures of labor market conditions, indicators of inflation pressures and inflation expectations, and readings on financial and international developments. The Committee anticipates that it will be appropriate to raise the target range for the federal funds rate when it has seen further improvement in the labor market and is reasonably confident that inflation will move back to its 2 percent objective over the medium term."*

Despite the large drop in available interest rates, the District's overall effective rate of return at April 30, 2015 was 0.65%, which was one basis point above the previous month. At the same time the LAIF return on deposits has improved over the previous month, reaching an average effective yield of 0.283% for the month of April 2015. Based on our success at maintaining a competitive rate of return on our portfolio during this extended period of interest rate declines, no changes in investment strategy regarding returns on investment are being considered at this time. This desired portfolio mix is important in mitigating any liquidity risk from unforeseen changes in LAIF or County Pool policy.

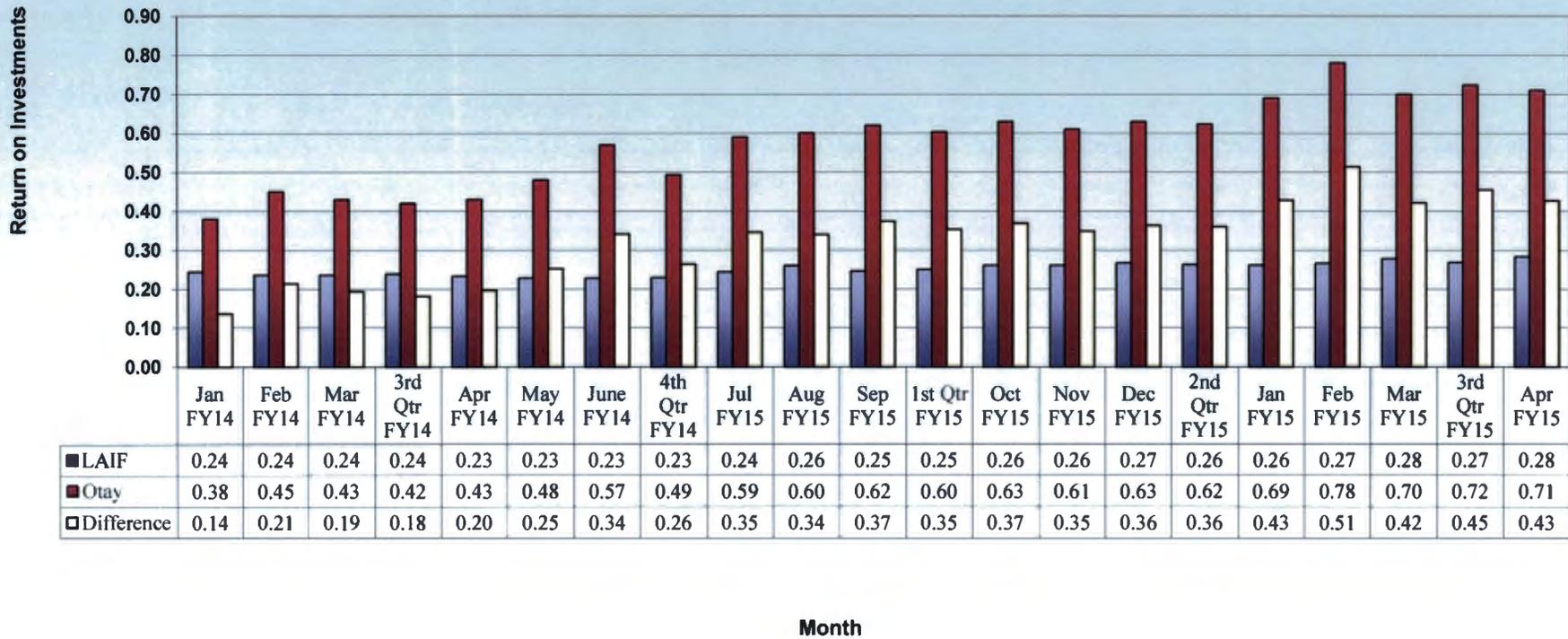
In accordance with the District's Investment Policy, all District funds continue to be managed based on the objectives, in priority order, of safety, liquidity, and return on investment.

**PORTFOLIO COMPLIANCE: April 30, 2015**

	<u>Investment</u>	<u>State Limit</u>	<u>Otay Limit</u>	<u>Otay Actual</u>
8.01:	Treasury Securities	100%	100%	0
8.02:	Local Agency Investment Fund (Operations)	\$50 Million	\$50 Million	\$4.8 Million
8.02:	Local Agency Investment Fund (Bonds)	100%	100%	0
8.03:	Federal Agency Issues	100%	100%	79.87%
8.04:	Certificates of Deposit	30%	15%	.10%
8.05:	Short-Term Commercial Notes	25%	10%	0
8.06:	Medium-Term Commercial Debt	30%	10%	0
8.07:	Money Market Mutual Funds	20%	10%	0
8.08:	San Diego County Pool	100%	100%	13.33%
12.0:	Maximum Single Financial Institution	100%	50%	1.05%

## Performance Measure FY-15 Return on Investment

Target: Meet or Exceed 100% of LAIF



**Month End  
Portfolio Management  
Portfolio Details - Investments  
April 30, 2015**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 360	Days to Maturity	Maturity Date
<b>Federal Agency Issues- Callable</b>												
3134G4PX0	2277	Federal Home Loan Mortgage		12/27/2013	2,000,000.00	1,998,580.00	2,000,000.00	0.500		0.493	423	06/27/2016
3133EDKF8	2291	Federal Farm Credit Bank		04/29/2014	2,000,000.00	2,000,080.00	2,000,000.00	0.550		0.542	455	07/29/2016
3134G4UC0	2305	Federal Home Loan Mortgage		09/08/2014	2,000,000.00	2,002,940.00	2,001,776.21	0.650		0.570	455	07/29/2016
3135GOXR9	2269	Fannie Mae		06/06/2013	2,000,000.00	1,998,080.00	2,000,000.00	0.550	AA	0.542	494	09/06/2016
3134G4WJ3	2284	Federal Home Loan Mortgage		03/19/2014	2,000,000.00	2,001,300.00	2,000,000.00	0.625		0.616	507	09/19/2016
3133EECX6	2313	Federal Farm Credit Bank		11/25/2014	2,000,000.00	1,998,920.00	2,000,000.00	0.610		0.602	574	11/25/2016
3130A3FY5	2309	Federal Home Loan Bank		11/28/2014	2,000,000.00	1,997,300.00	2,000,000.00	0.700		0.690	574	11/25/2016
3134G55T8	2295	Federal Home Loan Mortgage		06/12/2014	2,000,000.00	2,001,140.00	2,000,000.00	0.700	AA	0.690	591	12/12/2016
3130A25S1	2299	Federal Home Loan Bank		06/19/2014	2,000,000.00	2,001,460.00	2,000,000.00	0.700		0.690	598	12/19/2016
3136G1XZ7	2274	Federal National Mortgage Assoc		12/19/2013	2,000,000.00	2,001,020.00	2,000,000.00	0.670		0.661	598	12/19/2016
3134G5A47	2301	Federal Home Loan Mortgage		06/30/2014	2,000,000.00	2,000,780.00	2,000,000.00	0.650		0.641	609	12/30/2016
3133EELR9	2317	Federal Farm Credit Bank		01/27/2015	2,000,000.00	1,992,500.00	1,999,130.56	0.625		0.616	637	01/27/2017
3134G55X9	2298	Federal Home Loan Mortgage		06/10/2014	2,000,000.00	1,997,820.00	2,000,000.00	0.810		0.799	679	03/10/2017
3134G4WH7	2285	Federal Home Loan Mortgage		03/20/2014	2,000,000.00	2,001,880.00	2,000,000.00	0.900		0.888	689	03/20/2017
3133EECX9	2323	Federal Farm Credit Bank		04/20/2015	2,000,000.00	1,996,960.00	2,000,000.00	0.690		0.681	706	04/06/2017
3134G56A8	2297	Federal Home Loan Mortgage		06/16/2014	2,000,000.00	2,001,940.00	2,000,000.00	1.000		0.986	777	06/16/2017
3134G56N0	2300	Federal Home Loan Mortgage		06/26/2014	2,000,000.00	1,999,180.00	2,000,000.00	1.000		0.986	787	06/26/2017
3136G23G0	2304	Federal National Mortgage Assoc		08/15/2014	2,000,000.00	2,004,440.00	2,000,000.00	1.050		1.036	837	08/15/2017
3130A3MH4	2314	Federal Home Loan Bank		12/29/2014	2,000,000.00	2,006,660.00	2,000,000.00	1.000		0.986	882	09/29/2017
3134G6TJ2	2319	Federal Home Loan Mortgage		04/27/2015	2,000,000.00	1,998,940.00	2,000,000.00	0.875		0.863	910	10/27/2017
3134G5LH6	2307	Federal Home Loan Mortgage		10/30/2014	2,000,000.00	2,001,600.00	2,000,000.00	1.100		1.085	913	10/30/2017
3133EECG3	2311	Federal Farm Credit Bank		11/20/2014	1,030,000.00	1,032,595.60	1,030,000.00	1.140		1.124	934	11/20/2017
3133EECG3	2312	Federal Farm Credit Bank		11/20/2014	2,705,000.00	2,711,816.60	2,705,000.00	1.140		1.124	934	11/20/2017
3136G2A23	2308	Federal National Mortgage Assoc		11/28/2014	2,000,000.00	2,001,040.00	2,000,000.00	1.200		1.184	942	11/28/2017
3134G5PP4	2310	Federal Home Loan Mortgage		12/12/2014	2,000,000.00	2,000,420.00	2,000,000.00	1.250		1.233	956	12/12/2017
3130A3N59	2315	Federal Home Loan Bank		12/29/2014	2,000,000.00	1,993,160.00	2,000,000.00	1.125		1.110	973	12/29/2017
3133EEYE4	2320	Federal Farm Credit Bank		04/16/2015	2,000,000.00	1,995,740.00	2,000,000.00	1.000		0.986	991	01/16/2018
3130A4MF6	2318	Federal Home Loan Bank		03/30/2015	2,000,000.00	2,010,440.00	2,000,000.00	1.300		1.282	1,063	03/29/2018
3130A4WT5	2322	Federal Home Loan Bank		04/27/2015	2,000,000.00	1,994,380.00	2,000,000.00	1.020		1.006	1,092	04/27/2018
3136G2GN1	2321	Federal National Mortgage Assoc		04/30/2015	2,000,000.00	1,995,640.00	2,000,000.00	1.150		1.134	1,095	04/30/2018
<b>Subtotal and Average</b>			<b>55,869,277.45</b>		<b>59,735,000.00</b>	<b>59,738,752.20</b>	<b>59,735,906.77</b>			<b>0.860</b>	<b>755</b>	

**Federal Agency Issues - Coupon**

3133EC6F6	2258	Federal Farm Credit Bank		12/05/2012	3,000,000.00	3,000,540.00	3,000,000.00	0.350	AA	0.345	31	06/01/2015
3133EC7H1	2260	Federal Farm Credit Bank		12/17/2012	3,000,000.00	3,001,950.00	3,000,000.00	0.340		0.335	108	08/17/2015

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Run Date: 05/18/2015 - 14:58

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**Month End  
Portfolio Management  
Portfolio Details - Investments  
April 30, 2015**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 360	Days to Maturity	Maturity Date
<b>Federal Agency Issues - Coupon</b>												
3135G0YE7	2286	Federal National Mortgage Assoc		04/01/2014	2,000,000.00	2,004,200.00	2,001,537.57	0.625		0.558	483	08/26/2016
<b>Subtotal and Average</b>			<b>8,001,584.51</b>		<b>8,000,000.00</b>	<b>8,006,690.00</b>	<b>8,001,537.57</b>			<b>0.395</b>	<b>173</b>	
<b>Certificates of Deposit - Bank</b>												
2050003183-6	2283	California Bank & Trust		01/22/2014	81,784.76	81,784.76	81,784.76	0.030		0.030	266	01/22/2016
<b>Subtotal and Average</b>			<b>81,784.76</b>		<b>81,784.76</b>	<b>81,784.76</b>	<b>81,784.76</b>			<b>0.030</b>	<b>266</b>	
<b>Local Agency Investment Fund (LAIF)</b>												
LAIF	9001	STATE OF CALIFORNIA			4,790,662.10	4,792,500.41	4,790,662.10	0.283		0.279	1	
LAIF BABS 2010	9012	STATE OF CALIFORNIA		07/01/2014	0.00	0.00	0.00	0.267		0.263	1	
<b>Subtotal and Average</b>			<b>7,274,343.03</b>		<b>4,790,662.10</b>	<b>4,792,500.41</b>	<b>4,790,662.10</b>			<b>0.279</b>	<b>1</b>	
<b>San Diego County Pool</b>												
SD COUNTY POOL	9007	San Diego County			11,307,932.62	11,302,000.00	11,307,932.62	0.497		0.490	1	
<b>Subtotal and Average</b>			<b>11,299,297.56</b>		<b>11,307,932.62</b>	<b>11,302,000.00</b>	<b>11,307,932.62</b>			<b>0.490</b>	<b>1</b>	
<b>Total and Average</b>			<b>85,446,234.48</b>		<b>83,915,379.48</b>	<b>83,921,727.37</b>	<b>83,917,823.82</b>			<b>0.732</b>	<b>554</b>	

**Month End  
Portfolio Management  
Portfolio Details - Cash  
April 30, 2015**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	S&P	YTM 360	Days to Maturity
<b>Union Bank</b>											
UNION MONEY	9002	STATE OF CALIFORNIA			221,006.98	221,006.98	221,006.98	0.010		0.010	1
PETTY CASH	9003	STATE OF CALIFORNIA			2,950.00	2,950.00	2,950.00			0.000	1
UNION OPERATING	9004	STATE OF CALIFORNIA			598,740.18	598,740.18	598,740.18	0.250		0.247	1
PAYROLL	9005	STATE OF CALIFORNIA		07/01/2014	27,891.35	27,891.35	27,891.35			0.000	1
RESERVE-10 COPS	9010	STATE OF CALIFORNIA			6,944.42	6,944.42	6,944.42	0.010		0.010	1
RESERVE-10 BABS	9011	STATE OF CALIFORNIA			18,848.16	18,848.16	18,848.16	0.010		0.010	1
UBNA-2010 BOND	9013	STATE OF CALIFORNIA		07/01/2014	0.00	0.00	0.00			0.000	1
UBNA-FLEX ACCT	9014	STATE OF CALIFORNIA		07/01/2014	17,679.00	17,679.00	17,679.00			0.000	1
		<b>Average Balance</b>	<b>0.00</b>								<b>1</b>
<b>Total Cash and Investments</b>			<b>85,446,234.48</b>		<b>84,809,439.57</b>	<b>84,815,787.46</b>	<b>84,811,883.91</b>			<b>0.732</b>	<b>554</b>

**Month End  
GASB 31 Compliance Detail  
Sorted by Fund - Fund  
April 1, 2015 - April 30, 2015**

CUSIP	Investment #	Fund	Investment Class	Maturity Date	Beginning Invested Value	Purchase of Principal	Addition to Principal	Redemption of Principal	Adjustment in Value		Ending Invested Value
									Amortization Adjustment	Change in Market Value	
<b>Fund: Treasury Fund</b>											
LAIF	9001	99	Fair Value		4,687,745.91	0.00	8,204,714.32	8,100,000.00	0.00	40.18	4,792,500.41
UNION MONEY	9002	99	Amortized		10,001.78	0.00	10,526,231.42	10,315,226.22	0.00	0.00	221,006.98
PETTY CASH	9003	99	Amortized		2,950.00	0.00	0.00	0.00	0.00	0.00	2,950.00
UNION OPERATING	9004	99	Amortized		1,360,746.51	0.00	690,901.30	1,452,907.63	0.00	0.00	598,740.18
PAYROLL	9005	99	Amortized		27,891.35	0.00	0.00	0.00	0.00	0.00	27,891.35
SD COUNTY POOL	9007	99	Fair Value		11,290,000.00	0.00	13,634.31	0.00	0.00	-1,634.31	11,302,000.00
RESERVE-10 COPS	9010	99	Amortized		6,944.42	0.00	0.00	0.00	0.00	0.00	6,944.42
RESERVE-10 BABS	9011	99	Amortized		18,847.85	0.00	0.31	0.00	0.00	0.00	18,848.16
LAIF BABS 2010	9012	99	Fair Value		0.00	0.00	0.00	0.00	0.00	0.00	0.00
UBNA-2010 BOND	9013	99	Amortized		0.00	0.00	0.00	0.00	0.00	0.00	0.00
UBNA-FLEX ACCT	9014	99	Amortized		24,419.77	0.00	0.00	6,740.77	0.00	0.00	17,679.00
3133EC6F6	2258	99	Fair Value	06/01/2015	3,000,930.00	0.00	0.00	0.00	0.00	-390.00	3,000,540.00
3133EC7H1	2260	99	Fair Value	08/17/2015	3,001,410.00	0.00	0.00	0.00	0.00	540.00	3,001,950.00
3135GOXR9	2269	99	Fair Value	09/06/2016	1,997,660.00	0.00	0.00	0.00	0.00	420.00	1,998,080.00
3136G1XZ7	2274	99	Fair Value	12/19/2016	2,001,120.00	0.00	0.00	0.00	0.00	-100.00	2,001,020.00
3134G4PX0	2277	99	Fair Value	06/27/2016	1,997,640.00	0.00	0.00	0.00	0.00	940.00	1,998,580.00
2050003183-6	2283	99	Amortized	01/22/2016	81,784.76	0.00	0.00	0.00	0.00	0.00	81,784.76
3134G4WJ3	2284	99	Fair Value	09/19/2016	2,001,740.00	0.00	0.00	0.00	0.00	-440.00	2,001,300.00
3134G4WH7	2285	99	Fair Value	03/20/2017	2,002,600.00	0.00	0.00	0.00	0.00	-720.00	2,001,880.00
3135G0YE7	2286	99	Fair Value	08/26/2016	2,005,300.00	0.00	0.00	0.00	0.00	-1,100.00	2,004,200.00
3133EDKF8	2291	99	Fair Value	07/29/2016	1,999,560.00	0.00	0.00	0.00	0.00	520.00	2,000,080.00
3134G55T8	2295	99	Fair Value	12/12/2016	2,001,680.00	0.00	0.00	0.00	0.00	-540.00	2,001,140.00
3130A1ZX9	2296	99	Fair Value	08/22/2017	2,000,160.00	0.00	0.00	2,000,000.00	0.00	-160.00	0.00
3134G56A8	2297	99	Fair Value	06/16/2017	2,002,520.00	0.00	0.00	0.00	0.00	-580.00	2,001,940.00
3134G55X9	2298	99	Fair Value	03/10/2017	1,998,380.00	0.00	0.00	0.00	0.00	-560.00	1,997,820.00
3130A25S1	2299	99	Fair Value	12/19/2016	2,001,180.00	0.00	0.00	0.00	0.00	280.00	2,001,460.00
3134G56N0	2300	99	Fair Value	06/26/2017	1,998,660.00	0.00	0.00	0.00	0.00	520.00	1,999,180.00
3134G5A47	2301	99	Fair Value	12/30/2016	2,001,380.00	0.00	0.00	0.00	0.00	-600.00	2,000,780.00
3134G5BL8	2302	99	Fair Value	10/17/2017	2,000,920.00	0.00	0.00	2,000,000.00	0.00	-920.00	0.00
3136G23G0	2304	99	Fair Value	08/15/2017	2,002,440.00	0.00	0.00	0.00	0.00	2,000.00	2,004,440.00

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Portfolio OTAY  
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Month End  
 GASB 31 Compliance Detail  
 Sorted by Fund - Fund

CUSIP	Investment #	Fund	Investment Class	Maturity Date	Beginning Invested Value	Purchase of Principal	Addition to Principal	Redemption of Principal	Adjustment in Value		Ending Invested Value
									Amortization Adjustment	Change in Market Value	
<b>Fund: Treasury Fund</b>											
3134G4UC0	2305	99	Fair Value	07/29/2016	2,002,380.00	0.00	0.00	0.00	0.00	560.00	2,002,940.00
3130A35R1	2306	99	Fair Value	01/06/2017	2,000,140.00	0.00	0.00	2,000,000.00	0.00	-140.00	0.00
3134G5LH6	2307	99	Fair Value	10/30/2017	2,001,320.00	0.00	0.00	0.00	0.00	280.00	2,001,600.00
3136G2A23	2308	99	Fair Value	11/28/2017	2,001,340.00	0.00	0.00	0.00	0.00	-300.00	2,001,040.00
3130A3FY5	2309	99	Fair Value	11/25/2016	2,001,500.00	0.00	0.00	0.00	0.00	-4,200.00	1,997,300.00
3134G5PP4	2310	99	Fair Value	12/12/2017	2,000,580.00	0.00	0.00	0.00	0.00	-160.00	2,000,420.00
3133EECG3	2311	99	Fair Value	11/20/2017	1,032,369.00	0.00	0.00	0.00	0.00	226.60	1,032,595.60
3133EECG3	2312	99	Fair Value	11/20/2017	2,711,221.50	0.00	0.00	0.00	0.00	595.10	2,711,816.60
3133EECX6	2313	99	Fair Value	11/25/2016	1,999,300.00	0.00	0.00	0.00	0.00	-380.00	1,998,920.00
3130A3MH4	2314	99	Fair Value	09/29/2017	2,007,020.00	0.00	0.00	0.00	0.00	-360.00	2,006,660.00
3130A3N59	2315	99	Fair Value	12/29/2017	1,993,200.00	0.00	0.00	0.00	0.00	-40.00	1,993,160.00
31315PW88	2316	99	Fair Value	01/08/2018	2,000,360.00	0.00	0.00	2,000,000.00	0.00	-360.00	0.00
3133EELR9	2317	99	Fair Value	01/27/2017	1,998,880.00	0.00	0.00	0.00	0.00	-6,380.00	1,992,500.00
3130A4MF6	2318	99	Fair Value	03/29/2018	2,011,700.00	0.00	0.00	0.00	0.00	-1,260.00	2,010,440.00
3134G6TJ2	2319	99	Fair Value	10/27/2017	0.00	2,000,000.00	0.00	0.00	0.00	-1,060.00	1,998,940.00
3133EEYE4	2320	99	Fair Value	01/16/2018	0.00	2,000,000.00	0.00	0.00	0.00	-4,260.00	1,995,740.00
3136G2GN1	2321	99	Fair Value	04/30/2018	0.00	2,000,000.00	0.00	0.00	0.00	-4,360.00	1,995,640.00
3130A4WT5	2322	99	Fair Value	04/27/2018	0.00	2,000,000.00	0.00	0.00	0.00	-5,620.00	1,994,380.00
3133EEXC9	2323	99	Fair Value	04/06/2017	0.00	2,000,000.00	0.00	0.00	0.00	-3,040.00	1,996,960.00
<b>Subtotal</b>					<b>83,287,922.85</b>	<b>10,000,000.00</b>	<b>19,435,481.66</b>	<b>27,874,874.62</b>	<b>0.00</b>	<b>-32,742.43</b>	<b>84,815,787.46</b>
<b>Total</b>					<b>83,287,922.85</b>	<b>10,000,000.00</b>	<b>19,435,481.66</b>	<b>27,874,874.62</b>	<b>0.00</b>	<b>-32,742.43</b>	<b>84,815,787.46</b>

**Month End  
Activity Report  
Sorted By Issuer  
April 1, 2015 - April 30, 2015**

CUSIP	Investment #	Issuer	Percent of Portfolio	Par Value		Transaction Date	Par Value		Ending Balance
				Beginning Balance	Current Rate		Purchases or Deposits	Redemptions or Withdrawals	
<b>Issuer: STATE OF CALIFORNIA</b>									
<b>Union Bank</b>									
UNION MONEY	9002	STATE OF CALIFORNIA			0.010		10,526,231.42	10,315,226.22	
UNION OPERATING	9004	STATE OF CALIFORNIA			0.250		690,901.30	1,452,907.63	
RESERVE-10 BABS	9011	STATE OF CALIFORNIA			0.010		0.31	0.00	
UBNA-FLEX ACCT	9014	STATE OF CALIFORNIA					0.00	6,740.77	
<b>Subtotal and Balance</b>				<b>1,451,801.68</b>			<b>11,217,133.03</b>	<b>11,774,874.62</b>	<b>894,060.09</b>
<b>Local Agency Investment Fund (LAIF)</b>									
LAIF	9001	STATE OF CALIFORNIA			0.283		8,204,714.32	8,100,000.00	
<b>Subtotal and Balance</b>				<b>4,685,947.78</b>			<b>8,204,714.32</b>	<b>8,100,000.00</b>	<b>4,790,662.10</b>
<b>Issuer Subtotal</b>				<b>6,137,749.46</b>	<b>6.703%</b>		<b>19,421,847.35</b>	<b>19,874,874.62</b>	<b>5,684,722.19</b>
<b>Issuer: California Bank &amp; Trust</b>									
<b>Certificates of Deposit - Bank</b>									
<b>Subtotal and Balance</b>				<b>81,784.76</b>					<b>81,784.76</b>
<b>Issuer Subtotal</b>				<b>81,784.76</b>	<b>0.096%</b>		<b>0.00</b>	<b>0.00</b>	<b>81,784.76</b>
<b>Issuer: Federal Agricultural Mortgage</b>									
<b>Federal Agency Issues- Callable</b>									
31315PW88	2316	Federal Agricultural Mortgage			1.300	04/08/2015	0.00	2,000,000.00	
<b>Subtotal and Balance</b>				<b>2,000,000.00</b>			<b>0.00</b>	<b>2,000,000.00</b>	<b>0.00</b>
<b>Issuer Subtotal</b>				<b>2,000,000.00</b>	<b>0.000%</b>		<b>0.00</b>	<b>2,000,000.00</b>	<b>0.00</b>
<b>Issuer: Fannie Mae</b>									
<b>Federal Agency Issues- Callable</b>									
<b>Subtotal and Balance</b>				<b>2,000,000.00</b>					<b>2,000,000.00</b>

Month End  
Activity Report  
April 1, 2015 - April 30, 2015

CUSIP	Investment #	Issuer	Percent of Portfolio	Par Value		Transaction Date	Par Value		Ending Balance
				Beginning Balance	Current Rate		Purchases or Deposits	Redemptions or Withdrawals	
<b>Issuer Subtotal</b>			<b>2.358%</b>	<b>2,000,000.00</b>			<b>0.00</b>	<b>0.00</b>	<b>2,000,000.00</b>
<b>Issuer: Federal Farm Credit Bank</b>									
<b>Federal Agency Issues- Callable</b>									
3133EEYE4	2320	Federal Farm Credit Bank			1.000	04/16/2015	2,000,000.00	0.00	
3133EEXC9	2323	Federal Farm Credit Bank			0.690	04/20/2015	2,000,000.00	0.00	
<b>Subtotal and Balance</b>				<b>9,735,000.00</b>			<b>4,000,000.00</b>	<b>0.00</b>	<b>13,735,000.00</b>
<b>Federal Agency Issues - Coupon</b>									
<b>Subtotal and Balance</b>				<b>6,000,000.00</b>					<b>6,000,000.00</b>
<b>Issuer Subtotal</b>			<b>23.270%</b>	<b>15,735,000.00</b>			<b>4,000,000.00</b>	<b>0.00</b>	<b>19,735,000.00</b>
<b>Issuer: Federal Home Loan Bank</b>									
<b>Federal Agency Issues- Callable</b>									
3130A1ZX9	2296	Federal Home Loan Bank			1.050	04/16/2015	0.00	2,000,000.00	
3130A35R1	2306	Federal Home Loan Bank			0.850	04/20/2015	0.00	2,000,000.00	
3130A4WT5	2322	Federal Home Loan Bank			1.020	04/27/2015	2,000,000.00	0.00	
<b>Subtotal and Balance</b>				<b>14,000,000.00</b>			<b>2,000,000.00</b>	<b>4,000,000.00</b>	<b>12,000,000.00</b>
<b>Issuer Subtotal</b>			<b>14.149%</b>	<b>14,000,000.00</b>			<b>2,000,000.00</b>	<b>4,000,000.00</b>	<b>12,000,000.00</b>
<b>Issuer: Federal Home Loan Mortgage</b>									
<b>Federal Agency Issues- Callable</b>									
3134G5BL8	2302	Federal Home Loan Mortgage			1.220	04/17/2015	0.00	2,000,000.00	
3134G6TJ2	2319	Federal Home Loan Mortgage			0.875	04/27/2015	2,000,000.00	0.00	
<b>Subtotal and Balance</b>				<b>24,000,000.00</b>			<b>2,000,000.00</b>	<b>2,000,000.00</b>	<b>24,000,000.00</b>
<b>Issuer Subtotal</b>			<b>28.299%</b>	<b>24,000,000.00</b>			<b>2,000,000.00</b>	<b>2,000,000.00</b>	<b>24,000,000.00</b>
<b>Issuer: Federal National Mortgage Assoc</b>									
<b>Federal Agency Issues- Callable</b>									
3136G2GN1	2321	Federal National Mortgage Assoc			1.150	04/30/2015	2,000,000.00	0.00	
<b>Subtotal and Balance</b>				<b>6,000,000.00</b>			<b>2,000,000.00</b>	<b>0.00</b>	<b>8,000,000.00</b>

**Month End  
Activity Report  
April 1, 2015 - April 30, 2015**

CUSIP	Investment #	Issuer	Percent of Portfolio	<u>Par Value</u> Beginning Balance	Current Rate	Transaction Date	Purchases or Deposits	<u>Par Value</u> Redemptions or Withdrawals	Ending Balance
<b>Issuer: Federal National Mortgage Assoc</b>									
<b>Federal Agency Issues - Coupon</b>									
				<u>2,000,000.00</u>					<u>2,000,000.00</u>
				<u>8,000,000.00</u>			<u>2,000,000.00</u>	<u>0.00</u>	<u>10,000,000.00</u>
<b>Issuer: San Diego County</b>									
<b>San Diego County Pool</b>									
SD COUNTY POOL	9007	San Diego County			0.497		<u>13,634.31</u>	<u>0.00</u>	
				<u>11,294,298.31</u>			<u>13,634.31</u>	<u>0.00</u>	<u>11,307,932.62</u>
				<u>11,294,298.31</u>			<u>13,634.31</u>	<u>0.00</u>	<u>11,307,932.62</u>
		<b>Total</b>	<b>100.000%</b>	<b>83,248,832.53</b>			<b>29,435,481.66</b>	<b>27,874,874.62</b>	<b>84,809,439.57</b>

**Month End  
Duration Report  
Sorted by Investment Type - Investment Type  
Through 04/30/2015**

Security ID	Investment #	Fund	Issuer	Investment Class	Book Value	Par Value	Market Value	Current Rate	YTM 360	Current Yield	Maturity/ Call Date	Modified Duration
3135GOXR9	2269	99	Fannie Mae	Fair	2,000,000.00	2,000,000.00	1,998,080.00	.5500000	0.542	0.743	09/06/2016	1.338
3136G1XZ7	2274	99	Federal National Mortgage Assoc	Fair	2,000,000.00	2,000,000.00	2,001,020.00	.6700000	0.661	0.639	12/19/2016	1.618
3134G4PX0	2277	99	Federal Home Loan Mortgage	Fair	2,000,000.00	2,000,000.00	1,998,580.00	.5000000	0.493	0.562	06/27/2016	1.148
3134G4WJ3	2284	99	Federal Home Loan Mortgage	Fair	2,000,000.00	2,000,000.00	2,001,300.00	.6250000	0.616	0.578	09/19/2016	1.374
3134G4WH7	2285	99	Federal Home Loan Mortgage	Fair	2,000,000.00	2,000,000.00	2,001,880.00	.9000000	0.888	0.850	03/20/2017	1.864
3133EDKF8	2291	99	Federal Farm Credit Bank	Fair	2,000,000.00	2,000,000.00	2,000,080.00	.5500000	0.542	0.547	07/29/2016	1.237
3134G55T8	2295	99	Federal Home Loan Mortgage	Fair	2,000,000.00	2,000,000.00	2,001,140.00	.7000000	0.690	0.664	12/12/2016	1.598
3134G56A8	2297	99	Federal Home Loan Mortgage	Fair	2,000,000.00	2,000,000.00	2,001,940.00	1.000000	0.986	0.954	06/16/2017	2.090
3134G55X9	2298	99	Federal Home Loan Mortgage	Fair	2,000,000.00	2,000,000.00	1,997,820.00	.8100000	0.799	0.869	03/10/2017	1.834
3130A25S1	2299	99	Federal Home Loan Bank	Fair	2,000,000.00	2,000,000.00	2,001,460.00	.7000000	0.690	0.655	12/19/2016	1.617
3134G56N0	2300	99	Federal Home Loan Mortgage	Fair	2,000,000.00	2,000,000.00	1,999,180.00	1.000000	0.986	1.019	06/26/2017	2.117
3134G5A47	2301	99	Federal Home Loan Mortgage	Fair	2,000,000.00	2,000,000.00	2,000,780.00	.6500000	0.641	0.626	12/30/2016	1.649
3136G23G0	2304	99	Federal National Mortgage Assoc	Fair	2,000,000.00	2,000,000.00	2,004,440.00	1.050000	1.036	0.952	08/15/2017	2.251
3134G4UC0	2305	99	Federal Home Loan Mortgage	Fair	2,001,776.21	2,000,000.00	2,002,940.00	.6500000	0.570	0.531	07/29/2016	1.236
3134G5LH6	2307	99	Federal Home Loan Mortgage	Fair	2,000,000.00	2,000,000.00	2,001,600.00	1.100000	1.085	1.067	10/30/2017	2.457
3136G2A23	2308	99	Federal National Mortgage Assoc	Fair	2,000,000.00	2,000,000.00	2,001,040.00	1.200000	1.184	1.095	11/28/2017	2.516
3130A3FY5	2309	99	Federal Home Loan Bank	Fair	2,000,000.00	2,000,000.00	1,997,300.00	.7000000	0.690	0.787	11/25/2016	1.550
3134G5PP4	2310	99	Federal Home Loan Mortgage	Fair	2,000,000.00	2,000,000.00	2,000,420.00	1.250000	1.233	1.242	12/12/2017	2.551
3133EECG3	2311	99	Federal Farm Credit Bank	Fair	1,030,000.00	1,030,000.00	1,032,595.60	1.140000	1.124	1.040	11/20/2017	2.497
3133EECG3	2312	99	Federal Farm Credit Bank	Fair	2,705,000.00	2,705,000.00	2,711,816.60	1.140000	1.124	1.040	11/20/2017	2.497
3133EECX6	2313	99	Federal Farm Credit Bank	Fair	2,000,000.00	2,000,000.00	1,998,920.00	.6100000	0.602	0.645	11/25/2016	1.552
3130A3MH4	2314	99	Federal Home Loan Bank	Fair	2,000,000.00	2,000,000.00	2,006,660.00	1.000000	0.986	0.860	09/29/2017	2.370
3130A3N59	2315	99	Federal Home Loan Bank	Fair	2,000,000.00	2,000,000.00	1,993,160.00	1.125000	1.110	1.256	12/29/2017	2.603
3133EELR9	2317	99	Federal Farm Credit Bank	Fair	1,999,130.56	2,000,000.00	1,992,500.00	.6250000	0.616	0.843	01/27/2017	1.722
3130A4MF6	2318	99	Federal Home Loan Bank	Fair	2,000,000.00	2,000,000.00	2,010,440.00	1.300000	1.282	1.117	03/29/2018	2.847
3134G6TJ2	2319	99	Federal Home Loan Mortgage	Fair	2,000,000.00	2,000,000.00	1,998,940.00	.8750000	0.863	0.897	10/27/2017	2.456
3133EEYE4	2320	99	Federal Farm Credit Bank	Fair	2,000,000.00	2,000,000.00	1,995,740.00	1.000000	0.986	1.080	01/16/2018	2.663
3136G2GN1	2321	99	Federal National Mortgage Assoc	Fair	2,000,000.00	2,000,000.00	1,995,640.00	1.150000	1.134	1.224	04/30/2018	2.936
3130A4WT5	2322	99	Federal Home Loan Bank	Fair	2,000,000.00	2,000,000.00	1,994,380.00	1.020000	1.006	1.116	04/27/2018	2.935

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**Month End  
Duration Report  
Sorted by Investment Type - Investment Type  
Through 04/30/2015**

Security ID	Investment #	Fund	Issuer	Investment Class	Book Value	Par Value	Market Value	Current Rate	YTM 360	Current Yield	Maturity/Call Date	Modified Duration
3133EEXC9	2323	99	Federal Farm Credit Bank	Fair	2,000,000.00	2,000,000.00	1,996,960.00	.6900000	0.681	0.770	04/06/2017	1.913
3133EC6F6	2258	99	Federal Farm Credit Bank	Fair	3,000,000.00	3,000,000.00	3,000,540.00	.3500000	0.345	0.314	06/01/2015	0.084
3133EC7H1	2260	99	Federal Farm Credit Bank	Fair	3,000,000.00	3,000,000.00	3,001,950.00	.3400000	0.335	0.210	08/17/2015	0.295
3135G0YE7	2286	99	Federal National Mortgage Assoc	Fair	2,001,537.57	2,000,000.00	2,004,200.00	.6250000	0.558	0.465	08/26/2016	1.311
2050003183-6	2283	99	California Bank & Trust	Amort	81,784.76	81,784.76	81,784.76	.0300000	0.030	0.030	01/22/2016	0.725 †
LAIF	9001	99	STATE OF CALIFORNIA	Fair	4,790,662.10	4,790,662.10	4,792,500.41	.2830000	0.279	0.283		0.000
LAIF BABS 2010	9012	99	STATE OF CALIFORNIA	Fair	0.00	0.00	0.00	.2670000	0.263	0.267		0.000
SD COUNTY	9007	99	San Diego County	Fair	11,307,932.62	11,307,932.62	11,302,000.00	.4970000	0.490	0.497		0.000
<b>Report Total</b>					<b>83,917,823.82</b>	<b>83,915,379.48</b>	<b>83,921,727.37</b>			<b>0.736</b>		<b>1.492 †</b>

† = Duration can not be calculated on these investments due to incomplete Market price data.

**Month End  
Interest Earnings  
Sorted by Fund - Fund  
April 1, 2015 - April 30, 2015  
Yield on Beginning Book Value**

CUSIP	Investment #	Fund	Security Type	Ending Par Value	Beginning Book Value	Ending Book Value	Maturity Date	Current Annualized Rate	Annualized Yield	Adjusted Interest Earnings		
										Interest Earned	Amortization/ Accretion	Adjusted Interest Earnings
<b>Fund: Treasury Fund</b>												
LAIF	9001	99	LA1	4,790,662.10	4,685,947.78	4,790,662.10		0.283	0.439	1,692.03	0.00	1,692.03
UNION MONEY	9002	99	PA1	221,006.98	10,001.78	221,006.98		0.010	0.839	6.90	0.00	6.90
UNION OPERATING	9004	99	PA1	598,740.18	1,360,746.51	598,740.18		0.250	0.368	411.55	0.00	411.55
SD COUNTY POOL	9007	99	LA3	11,307,932.62	11,294,298.31	11,307,932.62		0.497	0.497	4,615.69	0.00	4,615.69
RESERVE-10 COPS	9010	99	PA1	6,944.42	6,944.42	6,944.42		0.010	0.011	0.06	0.00	0.06
RESERVE-10 BABS	9011	99	PA1	18,848.16	18,847.85	18,848.16		0.010	0.010	0.15	0.00	0.15
3133EC6F6	2258	99	FAC	3,000,000.00	3,000,000.00	3,000,000.00	06/01/2015	0.350	0.355	875.00	0.00	875.00
3133EC7H1	2260	99	FAC	3,000,000.00	3,000,000.00	3,000,000.00	08/17/2015	0.340	0.345	850.00	0.00	850.00
3135GOXR9	2269	99	MC1	2,000,000.00	2,000,000.00	2,000,000.00	09/06/2016	0.550	0.558	916.67	0.00	916.67
3136G1XZ7	2274	99	MC1	2,000,000.00	2,000,000.00	2,000,000.00	12/19/2016	0.670	0.679	1,116.66	0.00	1,116.66
3134G4PX0	2277	99	MC1	2,000,000.00	2,000,000.00	2,000,000.00	06/27/2016	0.500	0.507	833.33	0.00	833.33
2050003183-6	2283	99	BCD	81,784.76	81,784.76	81,784.76	01/22/2016	0.030	0.030	2.04	0.00	2.04
3134G4WJ3	2284	99	MC1	2,000,000.00	2,000,000.00	2,000,000.00	09/19/2016	0.625	0.634	1,041.66	0.00	1,041.66
3134G4WH7	2285	99	MC1	2,000,000.00	2,000,000.00	2,000,000.00	03/20/2017	0.900	0.913	1,500.00	0.00	1,500.00
3135G0YE7	2286	99	FAC	2,000,000.00	2,001,634.68	2,001,537.57	08/26/2016	0.625	0.574	1,041.67	-97.11	944.56
3133EDKF8	2291	99	MC1	2,000,000.00	2,000,000.00	2,000,000.00	07/29/2016	0.550	0.558	916.67	0.00	916.67
3134G55T8	2295	99	MC1	2,000,000.00	2,000,000.00	2,000,000.00	12/12/2016	0.700	0.710	1,166.67	0.00	1,166.67
3130A1ZX9	2296	99	MC1	0.00	2,000,000.00	0.00	08/22/2017	1.050	1.065	875.00	0.00	875.00
3134G56A8	2297	99	MC1	2,000,000.00	2,000,000.00	2,000,000.00	06/16/2017	1.000	1.014	1,666.67	0.00	1,666.67
3134G55X9	2298	99	MC1	2,000,000.00	2,000,000.00	2,000,000.00	03/10/2017	0.810	0.821	1,350.00	0.00	1,350.00
3130A25S1	2299	99	MC1	2,000,000.00	2,000,000.00	2,000,000.00	12/19/2016	0.700	0.710	1,166.66	0.00	1,166.66
3134G56N0	2300	99	MC1	2,000,000.00	2,000,000.00	2,000,000.00	06/26/2017	1.000	1.014	1,666.66	0.00	1,666.66
3134G5A47	2301	99	MC1	2,000,000.00	2,000,000.00	2,000,000.00	12/30/2016	0.650	0.659	1,083.33	0.00	1,083.33
3134G5BL8	2302	99	MC1	0.00	2,000,000.00	0.00	10/17/2017	1.220	1.237	1,084.44	0.00	1,084.44
3136G23G0	2304	99	MC1	2,000,000.00	2,000,000.00	2,000,000.00	08/15/2017	1.050	1.065	1,750.00	0.00	1,750.00
3134G4UC0	2305	99	MC1	2,000,000.00	2,001,895.15	2,001,776.21	07/29/2016	0.650	0.586	1,083.33	-118.94	964.39
3130A35R1	2306	99	MC1	0.00	2,000,000.00	0.00	01/06/2017	0.850	0.862	897.22	0.00	897.22
3134G5LH6	2307	99	MC1	2,000,000.00	2,000,000.00	2,000,000.00	10/30/2017	1.100	1.115	1,833.33	0.00	1,833.33
3136G2A23	2308	99	MC1	2,000,000.00	2,000,000.00	2,000,000.00	11/28/2017	1.200	1.217	2,000.00	0.00	2,000.00

Data Updated: SET\_ME8: 05/18/2015 14:57

Run Date: 05/18/2015 - 14:58

Portfolio OTAY

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Report Ver. 7.3.5

Month End  
Interest Earnings  
April 1, 2015 - April 30, 2015

CUSIP	Investment #	Fund	Security Type	Ending Par Value	Beginning Book Value	Ending Book Value	Maturity Date	Current Annualized Rate	Yield	Adjusted Interest Earnings		
										Interest Earned	Amortization/ Accretion	Adjusted Interest Earnings
<b>Fund: Treasury Fund</b>												
3130A3FY5	2309	99	MC1	2,000,000.00	2,000,000.00	2,000,000.00	11/25/2016	0.700	0.710	1,166.67	0.00	1,166.67
3134G5PP4	2310	99	MC1	2,000,000.00	2,000,000.00	2,000,000.00	12/12/2017	1.250	1.267	2,083.34	0.00	2,083.34
3133EECG3	2311	99	MC1	1,030,000.00	1,030,000.00	1,030,000.00	11/20/2017	1.140	1.156	978.50	0.00	978.50
3133EECG3	2312	99	MC1	2,705,000.00	2,705,000.00	2,705,000.00	11/20/2017	1.140	1.156	2,569.75	0.00	2,569.75
3133EECX6	2313	99	MC1	2,000,000.00	2,000,000.00	2,000,000.00	11/25/2016	0.610	0.618	1,016.67	0.00	1,016.67
3130A3MH4	2314	99	MC1	2,000,000.00	2,000,000.00	2,000,000.00	09/29/2017	1.000	1.014	1,666.67	0.00	1,666.67
3130A3N59	2315	99	MC1	2,000,000.00	2,000,000.00	2,000,000.00	12/29/2017	1.125	1.141	1,875.00	0.00	1,875.00
31315PW88	2316	99	MC1	0.00	2,000,000.00	0.00	01/08/2018	1.300	1.318	505.56	0.00	505.56
3133EELR9	2317	99	MC1	2,000,000.00	1,999,088.89	1,999,130.56	01/27/2017	0.625	0.659	1,041.67	41.67	1,083.34
3130A4MF6	2318	99	MC1	2,000,000.00	2,000,000.00	2,000,000.00	03/29/2018	1.300	1.318	2,166.67	0.00	2,166.67
3134G6TJ2	2319	99	MC1	2,000,000.00	0.00	2,000,000.00	10/27/2017	0.875	0.887	194.44	0.00	194.44
3133EEYE4	2320	99	MC1	2,000,000.00	0.00	2,000,000.00	01/16/2018	1.000	1.014	833.33	0.00	833.33
3136G2GN1	2321	99	MC1	2,000,000.00	0.00	2,000,000.00	04/30/2018	1.150	1.166	63.89	0.00	63.89
3130A4WT5	2322	99	MC1	2,000,000.00	0.00	2,000,000.00	04/27/2018	1.020	1.034	226.67	0.00	226.67
3133EEXC9	2323	99	MC1	2,000,000.00	0.00	2,000,000.00	04/06/2017	0.690	0.700	421.66	0.00	421.66
<b>Subtotal</b>				<b>84,760,919.22</b>	<b>83,196,190.13</b>	<b>84,763,363.56</b>			<b>0.749</b>	<b>50,253.88</b>	<b>-174.38</b>	<b>50,079.50</b>
<b>Total</b>				<b>84,760,919.22</b>	<b>83,196,190.13</b>	<b>84,763,363.56</b>			<b>0.749</b>	<b>50,253.88</b>	<b>-174.38</b>	<b>50,079.50</b>



### STAFF REPORT

TYPE MEETING: Regular Board	MEETING DATE: June 3, 2015
SUBMITTED BY: Kevin Koeppen, Finance Manager, Treasury & Acct	W.O./G.F. NO: DIV. NO.
APPROVED BY: Joseph Beachem, Chief Financial Officer (Chief)	
APPROVED BY: German Alvarez, Assistant General Manager (Asst. GM)	
SUBJECT: Accounts Payable Demand List	

**PURPOSE:**

Attached is the list of demands for the Board's information.

**FISCAL IMPACT:**

<b>SUMMARY FOR PERIOD 4/23/2015 - 5/20/2015</b>	<b>NET DEMANDS</b>
CHECKS (2042946 - 2043210)	\$ 2,096,642.05
VOID CHECKS (0)	\$ 0.00
TOTAL CHECKS	\$ 2,096,642.05
WIRE TO:	
CALPERS - OTHER POST EMPLOYMENT BENEFITS (MONTHLY)	\$ 141,300.00
OTAY WATER DISTRICT - BI-WEEKLY PAYROLL DEDUCTION	\$ 672.00
OTAY WATER DISTRICT - BI-WEEKLY PAYROLL DEDUCTION	\$ 665.00
PREFERRED BENEFIT INSURANCE - DENTAL & COBRA CLAIMS (APR 2015)	\$ 23,106.07
SAN DIEGO COUNTY WATER AUTH - CAPACITY FEES COLLECTED (1/1/15-3/31/15)	\$ 359,040.00
SAN DIEGO COUNTY WATER AUTH - WATER DELIVERIES & CHARGES (MAR 2015)	\$ 3,496,602.25
STATE DISBURSEMENT UNIT - BI-WEEKLY PAYROLL DEDUCTION	\$ 237.69
STATE DISBURSEMENT UNIT - BI-WEEKLY PAYROLL DEDUCTION	\$ 393.69
STATE DISBURSEMENT UNIT - BI-WEEKLY PAYROLL DEDUCTION	\$ 1,010.33
STATE DISBURSEMENT UNIT - BI-WEEKLY PAYROLL DEDUCTION	\$ 237.69
STATE DISBURSEMENT UNIT - BI-WEEKLY PAYROLL DEDUCTION	\$ 1,010.33
UNION BANK - BI-WEEKLY PAYROLL TAXES	\$ 142,310.67
UNION BANK - BI-WEEKLY PAYROLL TAXES	\$ 141,231.48
UNION BANK NA - COPS 1996 (MONTHLY)	\$ 543.59
<b>TOTAL CASH DISBURSEMENTS</b>	<b>\$ 6,405,002.84</b>

**RECOMMENDED ACTION:**

That the Board received the attached list of demands.

Jb/Attachment

**CHECK REGISTER**

**Otay Water District**

Date Range: 4/23/2015 - 5/20/2015

Check #	Date	Vendor	Vendor Name	Invoice	Inv. Date	Description	Amount	Check Total
2042947	04/29/15	15645	(W)RIGHT ON COMMUNICATIONS INC	12202381	03/31/15	COMMUNITY OUTREACH (A) (MAR 2015)	5,366.68	5,812.93
				12202382	03/31/15	COMMUNITY OUTREACH / DESAL (MAR 2015)	446.25	
2042948	04/29/15	15416	24 HOUR ELEVATOR INC	18410	03/01/15	ELEVATOR MAINTENANCE (MAR 2015)	420.00	420.00
2043047	05/13/15	16216	A AND F LANDSCAPE AND CONCRETE	1001	04/14/15	CONCRETE SERVICES	8,750.00	8,750.00
2043111	05/20/15	16398	A L U INVESTMENTS L L C	3701051815	05/18/15	REFUND SPECIAL ASSESSMENT	1,113.00	3,339.00
				3702051815	05/18/15	REFUND SPECIAL ASSESSMENT	1,113.00	
				3703051815	05/18/15	REFUND SPECIAL ASSESSMENT	1,113.00	
2043048	05/13/15	01910	ABCANA INDUSTRIES	963695	04/20/15	SODIUM HYPOCHLORITE	1,856.81	9,936.33
				963567	04/17/15	SODIUM HYPOCHLORITE	1,130.96	
				964155	04/27/15	SODIUM HYPOCHLORITE	996.57	
				963697	04/20/15	SODIUM HYPOCHLORITE	931.84	
				963929	04/23/15	SODIUM HYPOCHLORITE	889.66	
				963431	04/15/15	SODIUM HYPOCHLORITE	809.23	
				963484	04/16/15	SODIUM HYPOCHLORITE	719.96	
				963485	04/16/15	SODIUM HYPOCHLORITE	643.46	
				963838	04/22/15	SODIUM HYPOCHLORITE	555.18	
				964025	04/24/15	SODIUM HYPOCHLORITE	541.45	
				963930	04/23/15	SODIUM HYPOCHLORITE	477.69	
				963430	04/15/15	SODIUM HYPOCHLORITE	245.22	
				964156	04/27/15	SODIUM HYPOCHLORITE	138.30	
2042949	04/29/15	01910	ABCANA INDUSTRIES	962732	04/06/15	SODIUM HYPOCHLORITE	2,035.33	10,548.40
				962444	04/01/15	SODIUM HYPOCHLORITE	1,569.41	
				963224	04/13/15	SODIUM HYPOCHLORITE	1,488.98	
				962648	04/03/15	SODIUM HYPOCHLORITE	1,078.97	
				963218	04/13/15	SODIUM HYPOCHLORITE	838.65	
				962733	04/06/15	SODIUM HYPOCHLORITE	762.14	
				962987	04/09/15	SODIUM HYPOCHLORITE	686.62	
				963136	04/10/15	SODIUM HYPOCHLORITE	588.53	
				962570	04/02/15	SODIUM HYPOCHLORITE	531.64	
				962549	04/02/15	SODIUM HYPOCHLORITE	529.68	
962991	04/09/15	SODIUM HYPOCHLORITE	438.45					
2042950	04/29/15	08488	ABLEFORCE INC	4952	04/01/15	SHAREPOINT SERVICES (3/11/15-3/25/15)	812.50	812.50
2043112	05/20/15	16421	ADAM KRZYWICKI	Ref002442585	05/18/15	UB Refund Cst #0000199362	26.94	26.94

**CHECK REGISTER**

**Otay Water District**

**Date Range: 4/23/2015 - 5/20/2015**

<b>Check #</b>	<b>Date</b>	<b>Vendor</b>	<b>Vendor Name</b>	<b>Invoice</b>	<b>Inv. Date</b>	<b>Description</b>	<b>Amount</b>	<b>Check Total</b>
2043113	05/20/15	16396	ADRIAN & ALEJANDRA HUERTA	2959051815	05/18/15	REFUND SPECIAL ASSESSMENT	1,113.00	1,113.00
2043049	05/13/15	12174	AECOM TECHNICAL SERVICES INC	27	04/17/15	DISINFECTION SYSTEM (ENDING 4/3/15)	30,591.19	30,591.19
2043050	05/13/15	11462	AEGIS ENGINEERING MGMT INC	1320	04/16/15	DEVELOPER PROJECTS (3/6/15-4/10/15)	5,037.89	10,048.71
				1402	04/16/15	DEVELOPER PLAN REVIEW (3/6/15-4/10/15)	5,010.82	
2043051	05/13/15	11803	AEROTEK ENVIRONMENTAL	OE01149603	05/07/15	TEMPORARY EMPLOYMENT (4/20/15-4/24/15)	1,887.60	1,887.60
2042951	04/29/15	11803	AEROTEK ENVIRONMENTAL	OE01145092	04/23/15	TEMPORARY EMPLOYMENT (4/6/15-4/10/15)	1,694.55	2,852.85
				OE01142838	04/16/15	TEMPORARY EMPLOYMENT (3/30/15-4/2/15)	1,158.30	
2042952	04/29/15	07732	AIRGAS SPECIALTY PRODUCTS INC	131379525	03/31/15	AQUA AMMONIA	3,018.60	4,830.00
				131379524	03/31/15	AQUA AMMONIA	1,811.40	
2042953	04/29/15	13753	AIRGAS USA LLC	9926257217	03/31/15	AIR BOTTLES	46.35	46.35
2042954	04/29/15	15024	AIRX UTILITY SURVEYORS INC	18	04/07/15	LAND SURVEYING (3/1/15-3/31/15)	6,292.50	6,292.50
2043114	05/20/15	16431	ALEXANDRA VINSON	Ref002442595	05/18/15	UB Refund Cst #0000215193	169.65	169.65
2043115	05/20/15	16403	ALMA B L SANTOS & TERESA LOPEZ	1847051815	05/18/15	REFUND SPECIAL ASSESSMENT	68.40	68.40
2042955	04/29/15	14462	ALYSON CONSULTING	CM201517	04/11/15	MGMT/INSP P2453 (3/1/15-3/31/15)	5,210.00	15,280.00
				CM201518	04/11/15	MGMT/INSP P2532 (3/1/15-3/31/15)	3,750.00	
				CM201519	04/11/15	MGMT/INSP S2033 (3/1/15-3/31/15)	3,300.00	
				CM201522	04/11/15	MGMT/INSP R2112 (3/1/15-3/31/15)	1,120.00	
				CM201521	04/11/15	MGMT/INSP R2111 (3/1/15-3/31/15)	1,000.00	
				CM201520	04/11/15	MGMT/INSP P2453 (3/1/15-3/31/15)	900.00	
2043116	05/20/15	16418	AMBER ESPARZA	Ref002442582	05/18/15	UB Refund Cst #0000188430	48.01	48.01
2043052	05/13/15	06166	AMERICAN MESSAGING	L1109570PE	05/01/15	PAGERS (APR 2015)	196.21	196.21
2043006	05/06/15	16313	ANDREA ALEXANDER	Ref002441933	05/04/15	UB Refund Cst #0000207521	12.50	12.50
2043117	05/20/15	16433	ANNA FISHER	Ref002442597	05/18/15	UB Refund Cst #0000215312	29.06	29.06
2043118	05/20/15	16373	ANNABELLE B WRIGHT	1839051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	205.20
2042956	04/29/15	00002	ANSWER INC	11538	04/22/15	ANSWERING SERVICES (MONTHLY)	1,110.00	1,110.00
2043053	05/13/15	08967	ANTHEM BLUE CROSS EAP	41303	04/24/15	EMPLOYEE ASSISTANCE PROG (MAY 2015)	309.97	309.97
2043054	05/13/15	13171	ARCADIS US INC	0708930	04/24/15	AS-NEEDED DESIGN (ENDING 3/29/15)	15,839.90	15,839.90
2042957	04/29/15	05753	ARRIETA CONSTRUCTION INC	303312015	04/10/15	CALAVO PHASE 1 (ENDING 3/31/15)	193,326.90	

**CHECK REGISTER**

**Otay Water District**

Date Range: 4/23/2015 - 5/20/2015

Check #	Date	Vendor	Vendor Name	Invoice	Inv. Date	Description	Amount	Check Total
				202282015	03/31/15	CALAVO PHASE 1 (ENDING 2/28/15)	20,418.82	213,745.72
2043007	05/06/15	16318	ARTURO BEHR PEREZ	Ref002441940	05/04/15	UB Refund Cst #0000216693	20.48	20.48
2043008	05/06/15	16314	ASHRAF ABDULAHAD	Ref002441934	05/04/15	UB Refund Cst #0000213185	53.05	53.05
2043119	05/20/15	07785	AT&T	000006543064	05/02/15	TELEPHONE SERVICES (4/2/15-5/1/15)	5,883.07	
				000006538001	05/01/15	TELEPHONE SERVICES (APR 2015)	1,229.08	7,112.15
2043055	05/13/15	12810	ATKINS	1811531	04/16/15	2015 WFMP UPDATE (2/2/15-3/29/15)	27,664.98	27,664.98
2043056	05/13/15	14985	AZTEC FENCE CO II INC	AZ918	04/17/15	FENCE @ 657 PRV	5,850.00	5,850.00
2043120	05/20/15	16419	BERNADETTE BONGATO	Ref002442583	05/18/15	UB Refund Cst #0000195080	15.44	15.44
2043009	05/06/15	16290	BIDSYNC	B904458	04/01/15	SOFTWARE SERVICES (APR 2015-MAR 2016)	10,850.00	10,850.00
2042958	04/29/15	16171	BURGIN, BRUNO	041415	04/27/15	SAFETY BOOT REIMBURSEMENT	130.29	130.29
2042959	04/29/15	08490	CALIFORNIA BANK & TRUST	303312015	04/10/15	RETENTION/ARRIETA (ENDING 3/31/15)	10,175.10	
				202282015	03/31/15	RETENTION/ARRIETA (ENDING 2/28/15)	1,074.68	11,249.78
2042960	04/29/15	05413	CALPERS	1000000145162	04/16/15	GASB-68 RPT AND SCHEDULES	2,500.00	2,500.00
2043057	05/13/15	04071	CAPITOL WEBWORKS LLC	27088	05/11/15	OUTSIDE SERVICES	45.00	45.00
2043121	05/20/15	16371	CARLENE ALLEN	1837051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	205.20
2043058	05/13/15	04653	CARO, PATRICIA	05012015PC	05/01/15	TUITION REIMBURSEMENT	819.42	819.42
2043122	05/20/15	16432	CAROLYN MALSBAR Y	Ref002442596	05/18/15	UB Refund Cst #0000215233	229.50	229.50
2043123	05/20/15	16417	CECILIA CATLIN	Ref002442581	05/18/15	UB Refund Cst #0000185097	33.52	33.52
2043124	05/20/15	16359	CENON M JR & GRACE B MALLARI	1819051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	205.20
2043010	05/06/15	04349	CHAMBERS, JONATHAN	4292015	04/29/15	SAFETY BOOTS REIMBURSEMENT	130.17	130.17
2043011	05/06/15	16308	CHRISTOPHER UTZ	Ref002441928	05/04/15	UB Refund Cst #0000158188	49.99	49.99
2042961	04/29/15	02026	CHULA VISTA ELEM SCHOOL DIST	AR044322	04/10/15	GARDEN TOURS (2/3/15-2/5/15)	710.00	710.00
2043059	05/13/15	02026	CHULA VISTA ELEM SCHOOL DIST	AR044360	04/14/15	GARDEN TOURS 02/17/15-02/18/15)	540.00	540.00
2043125	05/20/15	15256	CIGNA GROUP INSURANCE / LINA	9267051015	05/10/15	AD&D & SUPP LIFE INS (MAY 2015)	4,346.40	4,346.40
2042962	04/29/15	04119	CLARKSON LAB & SUPPLY INC	78432	03/31/15	BACTERIOLOGICAL TESTING SERVICES	826.00	
				78430	03/31/15	BACTERIOLOGICAL TESTING SERVICES	622.00	
				78429	03/31/15	BACTERIOLOGICAL TESTING SERVICES	496.00	

**CHECK REGISTER**

**Otay Water District**

**Date Range: 4/23/2015 - 5/20/2015**

<b>Check #</b>	<b>Date</b>	<b>Vendor</b>	<b>Vendor Name</b>	<b>Invoice</b>	<b>Inv. Date</b>	<b>Description</b>	<b>Amount</b>	<b>Check Total</b>
				78431	03/31/15	BACTERIOLOGICAL TESTING SERVICES	192.00	2,136.00
2043012	05/06/15	16311	CLAUDIA JIMENEZ	Ref002441931	05/04/15	UB Refund Cst #0000184680	8.74	8.74
2042963	04/29/15	15395	COFFMAN SPECIALTIES INC	4	04/01/15	SR-11 RELOCATIONS (ENDING 3/31/15)	226,990.95	226,990.95
2043060	05/13/15	15616	COGENT COMMUNICATIONS INC	0001050115	05/01/15	INTERNET CIRCUITS (MAY 2015)	3,047.00	3,047.00
2043061	05/13/15	08160	COMPLETE OFFICE	17189410	04/22/15	JANITORIAL SUPPLIES	683.06	683.06
2042964	04/29/15	00099	COUNTY OF SAN DIEGO	DPWAROTAYM	04/12/15	EXCAVATION PERMITS (MAR 2015)	1,246.40	1,246.40
2042965	04/29/15	00184	COUNTY OF SAN DIEGO	2139041315	04/13/15	UPFP PERMIT RENEWAL (5/31/2015 - 5/31/2016)	405.00	405.00
2043062	05/13/15	02122	COUNTY OF SAN DIEGO	2015022604745	02/26/15	PERMIT FEES # 04745 (MAY 2015-MAY 2016)	358.00	
				2015022604544	02/26/15	PERMIT FEES # 04544 (MAY 2015-MAY 2016)	358.00	716.00
2042966	04/29/15	07494	COUNTY OF SAN DIEGO	2003193D02842	04/16/15	INSPECTION DEPOSIT	5,000.00	5,000.00
2043126	05/20/15	16404	DAISY P TAYCO	2976051815	05/18/15	REFUND SPECIAL ASSESSMENT	742.00	742.00
2043063	05/13/15	05959	DIAMOND ENVIRONMENTAL SERVICES	0000353036	02/02/15	SLUDGE HAULING	2,737.50	2,737.50
2043064	05/13/15	02447	EDCO DISPOSAL CORPORATION	5458043015	04/30/15	RECYCLING SERVICES (APR 2015)	95.00	95.00
2043127	05/20/15	16366	EDGARDO C FELIX	1829051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	205.20
2043128	05/20/15	08023	EMPLOYEE BENEFIT SPECIALISTS	0068982IN	03/31/15	EMPLOYEE BENEFITS (MAR 2015)	755.00	755.00
2042967	04/29/15	14602	ENVIRO-CARE CO	EC214053SUBM	04/06/15	SCREENINGS WASHER COMPACTOR	10,417.73	10,417.73
2043065	05/13/15	03227	ENVIROMATRIX ANALYTICAL INC	5040555	04/14/15	LAB ANALYSIS (3/28/15-4/6/15)	775.00	
				5040742	04/21/15	LAB ANALYSIS (4/8/15-4/10/15)	90.00	865.00
2042968	04/29/15	03227	ENVIROMATRIX ANALYTICAL INC	5040373	04/06/15	LAB ANALYSIS (3/20/15-3/27/15)	490.00	490.00
2043066	05/13/15	16169	ENVIROSUPPLY & SERVICE INC	1527207	04/15/15	DETECTOR REPLACEMENT	14,542.20	14,542.20
2043129	05/20/15	16414	ERIC BANKER	Ref002442578	05/18/15	UB Refund Cst #0000176825	44.17	44.17
2043130	05/20/15	16405	ERIC J & DANA Y HOLLENBECK	3713051815	05/18/15	REFUND SPECIAL ASSESSMENT	371.00	371.00
2043131	05/20/15	16434	ERLINDA TIGNO	Ref002442598	05/18/15	UB Refund Cst #0000216121	29.15	29.15
2043132	05/20/15	16408	ESTHER MONTANO	Ref002442572	05/18/15	UB Refund Cst #0000012486	212.71	212.71
2042969	04/29/15	14320	EUROFINS EATON ANALYTICAL INC	L0209822	04/01/15	OUTSIDE LAB SERVICES (3/3/15)	255.00	
				L0212960	04/07/15	OUTSIDE LAB SERVICES (4/2/15-4/6/15)	255.00	510.00

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2043133	05/20/15	16435	EXCEL PROPERTIES	Ref002442599	05/18/15	UB Refund Cst #0000216413	43.05	43.05
2042970	04/29/15	16110	FALCON ELECTRIC INC	24639	04/09/15	INDUSTRIAL UPS	7,933.66	7,933.66
2043067	05/13/15	03546	FERGUSON WATERWORKS # 1083	0510884	04/21/15	INVENTORY	3,540.96	
				0510679	04/15/15	INVENTORY	1,462.52	
				05106791	04/27/15	INVENTORY	484.65	
				0511073	04/17/15	INVENTORY	162.00	5,650.13
2042971	04/29/15	03546	FERGUSON WATERWORKS # 1083	0505643	04/13/15	14" TAR/COAT PIPE	3,855.60	
				0505642	04/13/15	12" BUTT STRAP	2,430.00	6,285.60
2042972	04/29/15	12187	FIRST AMERICAN DATA TREE LLC	9003400315	03/31/15	ONLINE DOCUMENTS (MONTHLY)	99.00	99.00
2043068	05/13/15	04066	FIRST CHOICE SERVICES - SD	038565	04/27/15	COFFEE SUPPLIES	141.04	141.04
2042973	04/29/15	04066	FIRST CHOICE SERVICES - SD	037994	04/13/15	COFFEE SUPPLIES	295.03	295.03
2042974	04/29/15	00035	FISHER SCIENTIFIC	3675133	04/01/15	LABORATORY SUPPLIES	265.87	
				3727802	04/02/15	LABORATORY SUPPLIES	35.94	301.81
2043013	05/06/15	00035	FISHER SCIENTIFIC	3941500	04/08/15	LABORATORY SUPPLIES	90.93	90.93
2043069	05/13/15	00035	FISHER SCIENTIFIC	7330057	04/24/15	LABORATORY SUPPLIES	76.07	76.07
2042975	04/29/15	02591	FITNESS TECH	9523	04/01/15	EQUIPMENT MAINTENANCE (APR 2015)	135.00	135.00
2042976	04/29/15	11962	FLEETWASH INC	x467255	04/10/15	VEHICLE WASHING	181.85	
				x463779	04/03/15	VEHICLE WASHING	156.24	338.09
2043070	05/13/15	11962	FLEETWASH INC	x472589	04/17/15	VEHICLE WASHING	165.79	165.79
2043014	05/06/15	01612	FRANCHISE TAX BOARD	Ben2441996	05/07/15	BI-WEEKLY PAYROLL DEDUCTION	390.00	390.00
2043134	05/20/15	01612	FRANCHISE TAX BOARD	Ben2442661	05/21/15	BI-WEEKLY PAYROLL DEDUCTION	390.00	390.00
2043015	05/06/15	02344	FRANCHISE TAX BOARD	Ben2441998	05/07/15	BI-WEEKLY PAYROLL DEDUCTION	81.00	81.00
2043135	05/20/15	02344	FRANCHISE TAX BOARD	Ben2442663	05/21/15	BI-WEEKLY PAYROLL DEDUCTION	88.00	88.00
2043136	05/20/15	16397	FRANCISCO R GUERRERO &	2961051815	05/18/15	REFUND SPECIAL ASSESSMENT	1,113.00	1,113.00
2042977	04/29/15	14480	GARCIA, GERMAN	042615	04/27/15	SAFETY BOOT REIMBURSEMENT	150.00	150.00
2043137	05/20/15	16377	GARY M & ANNA F JOHNSON	1845051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	205.20
2043138	05/20/15	16425	GEOVANNY ANGELES	Ref002442589	05/18/15	UB Refund Cst #0000208191	27.46	27.46

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2043139	05/20/15	16400	GERONIMO NUNO &	3714051815	05/18/15	REFUND SPECIAL ASSESSMENT	1,113.00	1,113.00
2043140	05/20/15	16427	GLORIA EGANA	Ref002442591	05/18/15	UB Refund Cst #0000208292	41.77	41.77
2042978	04/29/15	00101	GRAINGER INC	9714954519	04/13/15	WAREHOUSE SUPPLIES	988.43	988.43
2043071	05/13/15	00101	GRAINGER INC	9720600528	04/20/15	AQUA-PURE FILTER	389.23	
				9720024356	04/20/15	AQUA-PURE FILTER	124.63	513.86
2043141	05/20/15	00174	HACH COMPANY	9303828	03/27/15	HACH ANALYZERS	2,447.45	2,447.45
2043016	05/06/15	00174	HACH COMPANY	9316263	04/03/15	LABORATORY SUPPLIES	585.36	585.36
2043072	05/13/15	00174	HACH COMPANY	9309764	03/31/15	AUTO BRUETTE	1,302.60	
				9302797	03/26/15	LABORATORY SUPPLIES	51.24	1,353.84
2043142	05/20/15	16436	HALENUUANU PROPERTIES LLC	Ref002442600	05/18/15	UB Refund Cst #0000216764	108.65	108.65
2042979	04/29/15	02008	HELIX ENVIRONMENTAL	52308	04/09/15	ENVIRONMENTAL SERVICES (2/1/15-4/7/15)	27,924.07	27,924.07
2043073	05/13/15	16120	HMT INSPECTION	063313	04/20/15	HYDRO TANK INSPECTION	7,300.43	7,300.43
2043143	05/20/15	16415	HONORIO DUALAN	Ref002442579	05/18/15	UB Refund Cst #0000182701	142.86	142.86
2043144	05/20/15	16384	HOWARD L CAVE TRUST	1901051815	05/18/15	REFUND SPECIAL ASSESSMENT	102.30	102.30
2043017	05/06/15	16283	HUD	Ref002441938	05/04/15	UB Refund Cst #0000215710	30.05	30.05
2043074	05/13/15	15622	ICF JONES & STOKES INC	0107079	04/17/15	ENVIRONMENTAL SVCS R2116 (2/1/15-3/31/15)	5,314.31	
				0107081	04/17/15	ENVIRONMENTAL SVCS R2116 (2/28/15-3/31/15)	3,002.50	
				0107082	04/17/15	ENVIRONMENTAL SVCS P2083 (2/28/15-3/31/15)	292.95	
				0107084	04/17/15	ENVIRONMENTAL SVCS P1253 (2/28/15-3/31/15)	272.08	
				0107080	04/17/15	ENVIRONMENTAL SVCS P1253 (1/1/15-3/31/15)	30.00	8,911.84
2042980	04/29/15	08969	INFOSEND INC	90849	03/31/15	BILL PRINTING SERVICES (MAR 2015)	12,996.80	
				90848	03/31/15	BILL PRINTING SERVICES (MAR 2015)	3,729.56	
				91005	04/02/15	BILL PRINTING SERVICES (MAR 2015)	1,962.24	
				91176	04/06/15	OUTSIDE SERVICES	111.93	18,800.53
2043075	05/13/15	03368	INVENSYS SYSTEMS INC	93231953	04/21/15	PRESSURE TRANSDUCER	1,377.17	1,377.17
2043076	05/13/15	16348	IRIS SANTIAGO	2010050715	05/08/15	CUSTOMER REFUND	660.37	660.37
2043145	05/20/15	16426	IRYNA PAPIAROVICH	Ref002442590	05/18/15	UB Refund Cst #0000208240	34.08	34.08
2043146	05/20/15	16399	ISMAEL MATA & MARY G LASPINAS	3712051815	05/18/15	REFUND SPECIAL ASSESSMENT	1,113.00	1,113.00

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2042981	04/29/15	14737	IWATER INC	6992	04/10/15	METER PROJECT (3/30/15-4/2/15)	2,925.00	
				6993	04/10/15	METER PROJECT (4/6/15-4/9/15)	2,625.00	5,550.00
2043077	05/13/15	14737	IWATER INC	6996	04/21/15	METER PROJECT (4/13/15-4/20/15)	1,800.00	1,800.00
2043147	05/20/15	16389	IYABO O DARAMOLA	1908051815	05/18/15	REFUND SPECIAL ASSESSMENT	102.30	102.30
2042946	04/23/15	16288	JACOB YANEZ	2719042315	04/23/15	CUSTOMER REFUND	7,556.55	7,556.55
2043148	05/20/15	16353	JAMES & HIROMI M SWANSON	1810051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	205.20
2043078	05/13/15	16349	JAMES MUELLER	5609050615	05/08/15	CUSTOMER REFUND	500.00	500.00
2042982	04/29/15	03077	JANI-KING OF CALIFORNIA INC	SDO03150138	03/01/15	JANITORIAL SERVICES (MAR 2015)	1,159.35	1,159.35
2042983	04/29/15	10563	JCI JONES CHEMICALS INC	651378		CREDIT MEMO	-3,000.00	
				651295	04/13/15	CHLORINE TP	4,684.65	1,684.65
2043149	05/20/15	16365	JEFFREY P ROGERS	1827051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	205.20
2043150	05/20/15	16411	JEREMY HARRIS	Ref002442575	05/18/15	UB Refund Cst #0000079461	8.88	8.88
2043151	05/20/15	16413	JOCELYN CANCEL	Ref002442577	05/18/15	UB Refund Cst #0000173193	8.88	8.88
2043152	05/20/15	16406	JOHN D HAMMER	3101051815	05/18/15	REFUND SPECIAL ASSESSMENT	245.20	245.20
2043153	05/20/15	16379	JOHN L CASIAS	1849051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	205.20
2043154	05/20/15	16375	JONATAN & ELIZABETH RIOS	1841051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	205.20
2043155	05/20/15	16395	JONATHAN D ROBBINS &	2957051815	05/18/15	REFUND SPECIAL ASSESSMENT	1,113.00	1,113.00
2043156	05/20/15	16385	JOSE G HERNANDEZ &	1902051815	05/18/15	REFUND SPECIAL ASSESSMENT	102.30	102.30
2043157	05/20/15	16378	JOSE J RENTERIA	1848051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	205.20
2043158	05/20/15	16402	JOSHUA JONES	1844051815	05/18/15	REFUND SPECIAL ASSESSMENT	68.40	68.40
2043159	05/20/15	16355	JUAN & GUADALUPE ROJO	1814051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	205.20
2043160	05/20/15	16401	JUSTITO & VIKKI POBLETE	1833051815	05/18/15	REFUND SPECIAL ASSESSMENT	136.80	136.80
2043079	05/13/15	15858	KERR, MICHAEL	050315050615	05/11/15	TRAVEL EXPENSE REIMB (5/3/15-5/6/15)	884.90	884.90
2043018	05/06/15	16306	KEVIN SITLOH	Ref002441925	05/04/15	UB Refund Cst #0000035733	19.12	19.12
2043080	05/13/15	05840	KIRK PAVING INC	5831	04/17/15	AS NEEDED PAVING SERVICES FY15	21,847.75	21,847.75
2043161	05/20/15	16424	KYLEIGH HUPFL	Ref002442588	05/18/15	UB Refund Cst #0000208116	15.96	15.96

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2043162	05/20/15	16363	LISA J BENTON	1832051515	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	410.40
				1825051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	
2043081	05/13/15	03019	LOPEZ, JOSE	040115043015	05/11/15	MILEAGE REIMBURSEMENT (APR 2015)	66.13	66.13
2043163	05/20/15	16367	LORDITO P & BENAIDA M CRUZ	1830051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	205.20
2043164	05/20/15	16409	LORIE SCURLOCK	Ref002442573	05/18/15	UB Refund Cst #0000019920	300.00	300.00
2043165	05/20/15	16407	LUKE SANAGUSTIN	3102051815	05/18/15	REFUND SPECIAL ASSESSMENT	245.20	245.20
2043166	05/20/15	16357	LUKE TRAN & CATHERINE L DO	1817051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	205.20
2043019	05/06/15	16312	M A MORTENSON COMPANY	Ref002441932	05/04/15	UB Refund Cst #0000207183	1,942.28	1,942.28
2043167	05/20/15	16410	MARIA MENDOZA	Ref002442574	05/18/15	UB Refund Cst #0000066606	97.03	97.03
2043168	05/20/15	16381	MARTHA CONTRERAS	3510051815	05/18/15	REFUND SPECIAL ASSESSMENT	141.90	141.90
2043169	05/20/15	16372	MATTHEW J ARNIOTIS	1838051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	205.20
2043082	05/13/15	02882	MAYER REPROGRAPHICS INC	0093203IN	05/01/15	REPROGRAPHIC SERVICES	309.67	309.67
2043020	05/06/15	02882	MAYER REPROGRAPHICS INC	0093145IN	04/28/15	REPROGRAPHIC SERVICES	1,282.13	1,282.13
2043170	05/20/15	16361	MCCLELLAND-SALENY REVOCABLE	1823051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	205.20
2042984	04/29/15	01183	MCMaster-CARR SUPPLY CO	27440060	04/09/15	LOCKERS	182.31	344.72
				27638924	04/13/15	LOCKERS	162.41	
2043171	05/20/15	03169	MENDEZ-SCHOMER, ALICIA	050215050615	05/18/15	TRAVEL EXPENSE REIMB (5/2/15-5/6/15)	866.52	866.52
2043172	05/20/15	16360	MICHAEL E TIGHE	1822051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	205.20
2043021	05/06/15	16309	MICHAEL HIMES	Ref002441929	05/04/15	UB Refund Cst #0000159836	257.17	257.17
2042985	04/29/15	15136	MISSION UNIFORM SERVICE	340234868	03/31/15	UNIFORM SERVICES	394.04	1,296.37
				340235928	04/07/15	UNIFORM SERVICES	394.04	
				340234867	03/31/15	UNIFORM SERVICES	122.28	
				340235927	04/07/15	UNIFORM SERVICES	122.28	
				340235701	04/06/15	UNIFORM SERVICES	88.24	
				340236770	04/13/15	UNIFORM SERVICES	88.24	
				S340233507	03/31/15	UNIFORM SERVICES	45.76	
				340233508	03/24/15	UNIFORM SERVICES	41.49	
2043083	05/13/15	15136	MISSION UNIFORM SERVICE	340237008	04/14/15	UNIFORM SERVICES	394.04	
				340238111	04/21/15	UNIFORM SERVICES	386.15	

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				340238110	04/21/15	UNIFORM SERVICES	125.43	
				340237007	04/14/15	UNIFORM SERVICES	122.28	
				340237878	04/20/15	UNIFORM SERVICES	93.98	
				500015692	04/27/15	UNIFORM SERVICES	93.98	
				S340237220	04/14/15	UNIFORM SERVICES	37.92	
				S340237845	04/21/15	UNIFORM SERVICES	31.60	
				S340236735	04/14/15	UNIFORM SERVICES	4.00	1,289.38
2043173	05/20/15	16369	MORTON	1835051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	205.20
2043174	05/20/15	16428	NATALIE MENDOZA	Ref002442592	05/18/15	UB Refund Cst #0000208554	41.77	41.77
2043022	05/06/15	16255	NATIONWIDE RETIREMENT	Ben2441982	05/07/15	BI-WEEKLY DEFERRED COMP PLAN	11,453.27	11,453.27
2043175	05/20/15	16255	NATIONWIDE RETIREMENT	Ben2442649	05/21/15	BI-WEEKLY DEFERRED COMP PLAN	11,703.27	11,703.27
2043176	05/20/15	14856	NEXUS IS INC	JC651974	02/05/15	CISCO SERVER	25,389.46	25,389.46
2043177	05/20/15	16394	NOEL & MANUELA DELACRUZ	2953051815	05/18/15	REFUND SPECIAL ASSESSMENT	1,113.00	1,113.00
2043178	05/20/15	16386	OCTAVIO CARDONA-LOYA &	190405815	05/18/15	REFUND SPECIAL ASSESSMENT	102.30	102.30
2042986	04/29/15	00510	OFFICE DEPOT INC	764492303001	04/08/15	OFFICE SUPPLIES	69.10	69.10
2043084	05/13/15	00510	OFFICE DEPOT INC	759618971001	03/10/15	OFFICE SUPPLIES	324.19	
				758967303001	03/06/15	OFFICE SUPPLIES	42.64	366.83
2043179	05/20/15	00510	OFFICE DEPOT INC	759484162001	03/10/15	OFFICE SUPPLIES	699.82	
				759747488001	03/11/15	OFFICE SUPPLIES	331.60	
				759484237001	03/10/15	OFFICE SUPPLIES	188.01	1,219.43
2043085	05/13/15	15856	OLYMPUS AND ASSOCIATES INC	5	04/30/15	RESERVOIR COATING (ENDING 4/30/15)	146,876.65	146,876.65
2043023	05/06/15	15856	OLYMPUS AND ASSOCIATES INC	4	04/13/15	RESERVOIR COATING (ENDING 3/31/15)	117,216.93	117,216.93
2043024	05/06/15	16316	OMAR HASAN	Ref002441936	05/04/15	UB Refund Cst #0000213851	8.33	8.33
2043086	05/13/15	01002	PACIFIC PIPELINE SUPPLY	302245	04/22/15	INVENTORY	3,157.00	3,157.00
2042987	04/29/15	01002	PACIFIC PIPELINE SUPPLY	302187	04/13/15	INVENTORY	8,590.19	8,590.19
2043180	05/20/15	16416	PATRICIA BRADLEY	Ref002442580	05/18/15	UB Refund Cst #0000183531	12.31	12.31
2043181	05/20/15	16383	PATRICIA E JONES	7602051815	05/18/15	CUSTOMER REFUND	152.44	152.44
2043087	05/13/15	12472	PCNATION	W11826340101	02/05/15	1500VA SINEWAVE UPS	1,926.91	1,926.91

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2042988	04/29/15	15081	PINOMAKI DESIGN	4779	04/01/15	GRAPHIC DESIGN	255.00	255.00
2043182	05/20/15	16429	PORTILLO CONCRETE INC	Ref002442593	05/18/15	UB Refund Cst #0000213417	1,165.73	1,165.73
2043025	05/06/15	03351	POSADA, ROD	042215042415	05/01/15	TRAVEL EXPENSE REIMB (4/22/15-4/24/15)	964.65	964.65
2043026	05/06/15	16029	POTABLE DIVERS INC	42715001	04/27/15	POTABLE RESERVOIR CLEANING	7,100.00	7,100.00
2043088	05/13/15	16029	POTABLE DIVERS INC	42715002	01/27/15	DIVE INSPECTIONS	4,400.00	4,400.00
2043089	05/13/15	07161	POULIN, WILLIAM	050315050615	05/07/15	TRAVEL EXPENSE REIMB (5/3/15-5/6/15)	1,191.72	1,191.72
2043090	05/13/15	03613	PSOMAS	106009	04/22/15	AS-NEEDED DESIGN (ENDING 4/2/15)	5,363.75	5,363.75
2043091	05/13/15	00078	PUBLIC EMPLOYEES RET SYSTEM	Ben2441984	05/07/15	BI-WEEKLY PERS CONTRIBUTION	175,347.12	175,347.12
2042989	04/29/15	00078	PUBLIC EMPLOYEES RET SYSTEM	Ben2441619	04/23/15	BI-WEEKLY PERS CONTRIBUTION	175,585.80	175,585.80
2043092	05/13/15	10294	QWIKPRINTS	151211659	05/01/15	FINGERPRINTING	40.00	40.00
2042990	04/29/15	15992	R&M SERVICE SOLUTIONS LLC	1547	01/20/15	VALVE TESTING SERVICES	400.00	400.00
2043183	05/20/15	16438	RAMIREZ, OSCAR	042115042315	05/12/15	TRAVEL EXPENSE REIMB (4/21/15-4/23/15)	132.00	132.00
2043093	05/13/15	14578	RAP ENGINEERING INC	00015851	05/06/15	RETAINAGE RELEASE	10,848.65	10,848.65
2043184	05/20/15	16352	REFERENDA C BASCOS	1809051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	205.20
2042991	04/29/15	15414	REGENTS BANK	4	04/01/15	RETENTION/COFFMAN (ENDING 3/31/15)	11,946.89	11,946.89
2043027	05/06/15	16310	RENE REYNA	Ref002441930	05/04/15	UB Refund Cst #0000183184	25.00	25.00
2043094	05/13/15	15857	REPUBLIC SERVICES INC #509	0509005976938	04/25/15	TRASH SERVICES (MAY 2015)	530.33	
				0509005978465	04/25/15	TRASH SERVICES (MAY 2015)	192.71	723.04
2043028	05/06/15	16315	RICK MACIAS	Ref002441935	05/04/15	UB Refund Cst #0000213681	10.31	10.31
2043095	05/13/15	00521	RICK POST WELD & WET TAPPING	9984	04/20/15	WELDING SERVICES	630.00	630.00
2042992	04/29/15	16174	ROCK STRUCTURES CONSTRUCTION	11064	03/31/15	RIP-RAP 12" MINUS	688.95	688.95
2043185	05/20/15	16376	RODNEY & MICHELLE M EVANS	1843051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	205.20
2043186	05/20/15	16354	ROGELIO L & GLORIA INIGUEZ	1811051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	205.20
2043187	05/20/15	16374	ROLANDO C REYES	1840051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	205.20
2043188	05/20/15	16380	ROSA MAGANA	3509051815	05/18/15	REFUND SPECIAL ASSESSMENT	141.90	141.90
2043096	05/13/15	02620	ROTORK CONTROLS INC	CI10040	04/20/15	WBW 1A ACTUATOR	1,240.00	1,240.00

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2043097	05/13/15	02586	SAN DIEGO COUNTY ASSESSOR	201503132	05/05/15	ASSESSOR DATA (4/6/15)	125.00	125.00
2043029	05/06/15	03752	SAN DIEGO COUNTY SHERIFF	Ben2441992	05/07/15	BI-WEEKLY PAYROLL DEDUCTION	460.90	460.90
2043189	05/20/15	03752	SAN DIEGO COUNTY SHERIFF	Ben2442659	05/21/15	BI-WEEKLY PAYROLL DEDUCTION	460.90	460.90
2043030	05/06/15	00247	SAN DIEGO DAILY TRANSCRIPT	501440	05/04/15	ADVERTISING EXPENSE LEGAL NOTICE	4,250.00	4,250.00
2043190	05/20/15	00247	SAN DIEGO DAILY TRANSCRIPT	502636	05/14/15	OUTSIDE SERVICES LEGAL ADVERTISING	4,250.00	4,250.00
2042993	04/29/15	03231	SAN DIEGO EAST COUNTY	180427	04/01/15	MEMBERSHIP RENEWAL	354.00	354.00
2043098	05/13/15	00121	SAN DIEGO GAS & ELECTRIC	050515	05/05/15	UTILITY EXPENSES (MONTHLY)	82,001.15	
				042615	04/26/15	UTILITY EXPENSES (MONTHLY)	22,058.94	104,060.09
2042994	04/29/15	00121	SAN DIEGO GAS & ELECTRIC	042115	04/21/15	UTILITY EXPENSES (MONTHLY)	33,953.40	33,953.40
2043031	05/06/15	00121	SAN DIEGO GAS & ELECTRIC	042915	04/29/15	UTILITY EXPENSES (MONTHLY)	70,592.62	
				042715	04/27/15	UTILITY EXPENSES (MONTHLY)	29,330.52	
				042415	04/24/15	UTILITY EXPENSES (MONTHLY)	788.67	100,711.81
2043191	05/20/15	00121	SAN DIEGO GAS & ELECTRIC	050615	05/06/15	UTILITY EXPENSES (MONTHLY)	71.60	71.60
2043192	05/20/15	16422	SCOTT MORRIS	Ref002442586	05/18/15	UB Refund Cst #0000206250	12.06	12.06
2043193	05/20/15	13610	SHARP CHULA VISTA MEDICAL CTR	1903051815	05/18/15	REFUND SPECIAL ASSESSMENT	102.30	
				1907051815	05/18/15	REFUND SPECIAL ASSESSMENT	102.30	
				1911051815	05/18/15	REFUND SPECIAL ASSESSMENT	102.30	306.90
2043194	05/20/15	16356	SHERYL M PENN	1816051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	205.20
2043195	05/20/15	15307	SIERRA ANALYTICAL LABS INC	5E13040	05/13/15	LABORATORY SERVICES (5/6/15)	235.00	235.00
2042995	04/29/15	15307	SIERRA ANALYTICAL LABS INC	5D22106	04/22/15	LABORATORY SERVICES (4/15/15)	235.00	
				5C04005	03/04/15	LABORATORY SERVICES (2/25/15)	205.00	440.00
2043099	05/13/15	15307	SIERRA ANALYTICAL LABS INC	5E07002	05/07/15	LABORATORY SERVICES (4/29/15)	205.00	
				5D30011	04/30/15	LABORATORY SERVICES (4/22/15)	205.00	410.00
2043196	05/20/15	02660	SILVA, GABRIEL	050615	05/15/15	SAFETY BOOT REIMBURSEMENT	150.00	
				1920051515	05/15/15	CERTIFICATION REIMBURSEMENT	120.00	270.00
2043100	05/13/15	13327	SILVA-SILVA INTERNATIONAL	1505	05/01/15	DESAL PROJ CONSULTANT (APR 2015)	4,000.00	4,000.00
2042996	04/29/15	15771	SMART DESIGN COMMERCIAL	479	04/02/15	FLOORING REMODEL	821.25	821.25
2043032	05/06/15	16307	SOKHAVIRAK YOU	Ref002441927	05/04/15	UB Refund Cst #0000125736	50.29	50.29

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2042997	04/29/15	15176	SOUTHCOAST HEATING &	C55777	04/10/15	AC MAINTENANCE (MONTHLY)	1,068.00	1,753.00
				C55791	04/10/15	AC MAINTENANCE (MONTHLY)	480.00	
				C55785	04/10/15	AC MAINTENANCE (MONTHLY)	205.00	
2042998	04/29/15	01460	STATE WATER RESOURCES	LW1000514	04/23/15	SYSTEM FEES	9,678.08	9,678.08
2043033	05/06/15	05755	STATE WATER RESOURCES	6007043015	04/30/15	CERTIFICATION APPLICATION	120.00	225.00
				7992043015	04/30/15	CERTIFICATION APPLICATION	105.00	
2043197	05/20/15	16358	STELLA A CHILD	1818051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	205.20
2043034	05/06/15	07678	STREAMLINE FORMS & GRAPHICS	39869	03/04/15	FORMS	112.32	112.32
2043035	05/06/15	12809	STUTZ ARTIANO SHINOFF	97690	04/20/15	LEGAL SERVICES (MAR 2015)	17,274.04	17,274.04
2043198	05/20/15	16423	SUKUT CONSTRUCTION INC	Ref002442587	05/18/15	UB Refund Cst #0000207821	1,220.18	1,220.18
2043199	05/20/15	15974	SUN LIFE FINANCIAL	Ben2442647	05/21/15	MONTHLY CONTRIBUTION TO LTD	4,876.04	4,876.04
2043101	05/13/15	14576	SWIATKOWSKI, KEITH	6043051115	05/11/15	CERTIFICATION APPLICATION REIMBURSEMENT	105.00	105.00
2043200	05/20/15	14576	SWIATKOWSKI, KEITH	05132015KS	05/13/15	TUITION REIMBURSEMENT	200.00	200.00
2043201	05/20/15	16362	T & S SPOUSAL TRUST	1824051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	205.20
2043202	05/20/15	16368	TAMIKA R SINGLETON	1831051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	205.20
2043203	05/20/15	16412	TAMMY KRASME	Ref002442576	05/18/15	UB Refund Cst #0000081565	86.96	86.96
2042999	04/29/15	01834	TC CONSTRUCTION CO INC	203312015	04/08/15	BLOW OFF RELOCATION (ENDING 3/31/15)	6,450.49	6,450.49
2043102	05/13/15	01834	TC CONSTRUCTION CO INC	304302015	05/08/15	BLOW OFF RELOCATION (ENDING 4/30/15)	25,105.32	25,105.32
2043036	05/06/15	15926	TEXAS CHILD SUPPORT UNIT	Ben2442000	05/07/15	BI-WEEKLY PAYROLL DEDUCTION	184.61	184.61
2043204	05/20/15	15926	TEXAS CHILD SUPPORT UNIT	Ben2442665	05/21/15	BI-WEEKLY PAYROLL DEDUCTION	184.61	184.61
2043205	05/20/15	16420	THOMAS RICHARDS	Ref002442584	05/18/15	UB Refund Cst #0000199228	109.60	109.60
2043103	05/13/15	14177	THOMPSON, MITCHELL	040115043015	04/30/15	MILEAGE REIMBURSEMENT (APR 2015)	25.30	25.30
2043206	05/20/15	16370	TINIKA HAGLAR	1836051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	205.20
2043000	04/29/15	15764	TOUGHRUGGEDLAPTOPS.COM	100004663	03/17/15	TOUGHBOOKS	43,983.44	43,983.44
2043037	05/06/15	16284	U.S. OLYMPIC TRAINING CENTER	Ref002441939	05/04/15	UB Refund Cst #0000216101	713.99	713.99
2043001	04/29/15	00427	UNDERGROUND SERVICE ALERT OF	320150483	04/01/15	UNDERGROUND ALERTS (MONTHLY)	385.50	385.50

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2043002	04/29/15	15675	UNITED SITE SERVICES INC	1142837615	04/07/15	PORTABLE TOILET RENTALS (4/3/15-4/30/15)	80.03	
				1142839261	04/08/15	PORTABLE TOILET RENTALS (4/4/15-5/1/15)	79.98	
				1142837613	04/07/15	PORTABLE TOILET RENTALS (4/3/15-4/30/15)	79.98	
				1142837614	04/07/15	PORTABLE TOILET RENTALS (4/3/15-4/30/15)	79.98	
				1142861160	04/16/15	PORTABLE TOILET RENTALS (4/15/15-5/12/15)	79.98	
2043104	05/13/15	15675	UNITED SITE SERVICES INC	1142886297	04/27/15	PORTABLE TOILET RENTALS (4/23/15-5/20/15)	98.17	178.15
				1142886380	04/27/15	PORTABLE TOILET RENTALS (4/24/15-5/21/15)	79.98	
2043105	05/13/15	07674	US BANK	CC2015042212	04/22/15	CAL CARD EXPENSES (MONTHLY)	40,577.45	40,577.45
2043207	05/20/15	16364	VALERIE A DRAKE	1826051815	05/18/15	REFUND SPECIAL ASSESSMENT	205.20	205.20
2043038	05/06/15	01095	VANTAGEPOINT TRANSFER AGENTS	Ben2441988	05/07/15	BI-WEEKLY DEFERRED COMP PLAN	13,897.15	13,897.15
2043208	05/20/15	01095	VANTAGEPOINT TRANSFER AGENTS	Ben2442655	05/21/15	BI-WEEKLY DEFERRED COMP PLAN	13,931.30	13,931.30
2043039	05/06/15	06414	VANTAGEPOINT TRANSFER AGENTS	Ben2441990	05/07/15	BI-WEEKLY 401A PLAN	2,415.77	2,415.77
2043209	05/20/15	06414	VANTAGEPOINT TRANSFER AGENTS	Ben2442657	05/21/15	BI-WEEKLY 401A PLAN	2,375.77	2,375.77
2043040	05/06/15	12686	VANTAGEPOINT TRANSFER AGENTS	Ben2441994	05/07/15	401A TERMINAL PAY	9,488.19	9,488.19
2043210	05/20/15	16430	VENK ADIGOPULA	Ref002442594	05/18/15	UB Refund Cst #0000215071	46.97	46.97
2043041	05/06/15	03329	VERIZON WIRELESS	9744356522	04/21/15	WIRELESS SERVICES (3/22/15-4/21/15)	5,297.52	5,297.52
2043106	05/13/15	03329	VERIZON WIRELESS	9744356526	04/21/15	WIRELESS SERVICES (3/22/15-4/21/15)	1,351.43	2,000.74
				9744356527	04/21/15	WIRELESS SERVICES (3/22/15-4/21/15)	464.73	
				9744356528	04/21/15	WIRELESS SERVICES (3/22/15-4/21/15)	184.58	
2043042	05/06/15	07691	WANDA A CORNELIUS	Ref002441926	05/04/15	UB Refund Cst #0000061903	35.21	35.21
2043003	04/29/15	15807	WATCHLIGHT CORPORATION, THE	417252	03/31/15	ALARM INSTALLATION	16,386.12	16,832.12
				417330	04/01/15	MONTHLY SERVICES (APR 2015)	303.00	
				417640	04/08/15	FACILITY SECURITY CONVERSIONS	143.00	
2043043	05/06/15	15807	WATCHLIGHT CORPORATION, THE	420289	04/10/15	TREATMENT PLANT SECURITY	10,636.73	12,677.72
				409453	01/28/15	SECURITY CONTROL SYSTEM	2,016.00	
				409808	02/04/15	MONTHLY SERVICES (2/3/15-3/2/15)	24.99	
2043107	05/13/15	15807	WATCHLIGHT CORPORATION, THE	420854	04/24/15	TREATMENT PLANT SECURITY	14,354.47	
				420571	04/17/15	TREATMENT PLANT SECURITY	11,239.94	
				417642	04/08/15	TREATMENT PLANT SECURITY (ENDING 4/3/15)	4,478.18	
				420393	04/14/15	FACILITY SECURITY CONVERSIONS	1,529.05	

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				420127	04/15/15	MONTHLY SERVICES (MAY 2015)	1,313.91	
				416282	03/15/15	MONTHLY SERVICES (APR 2015)	1,283.91	34,199.46
2043004	04/29/15	15726	WATER SYSTEMS CONSULTING INC	1361	03/31/15	HYDRAULIC MODELING (ENDING 3/31/15)	920.00	920.00
2043108	05/13/15	03781	WATTON, MARK	040115043015	05/11/15	MILEAGE REIMBURSEMENT (APR 2015)	213.33	
				030115033115	05/11/15	MILEAGE REIMBURSEMENT (MAR 2015)	185.15	398.48
2043109	05/13/15	01343	WE GOT YA PEST CONTROL	96300	04/16/15	BEE REMOVAL	115.00	
				95898	04/02/15	BEE REMOVAL	115.00	230.00
2043044	05/06/15	16319	WHILLOCK CONTRACTING INC	Ref002441941	05/04/15	UB Refund Cst #0000216853	1,030.92	1,030.92
2043045	05/06/15	02230	WILLIAMSON, KELLI	042915050215	05/05/15	TRAVEL EXPENSE REIMB (4/29/15-5/2/15)	232.00	232.00
2043005	04/29/15	03283	WILSON BOHANNAN PADLOCK CO	0118936IN	04/10/15	LOCKS	602.86	602.86
2043046	05/06/15	16317	YVETTE BARREDO	Ref002441937	05/04/15	UB Refund Cst #0000214372	50.03	50.03
2043110	05/13/15	03151	ZHAO, MING	021015021315	05/05/15	TRAVEL EXPENSE REIMB (2/10/15-2/13/15)	258.35	258.35
<b>Amount Pd Total:</b>							<b>2,096,642.05</b>	
<b>Check Grand Total:</b>							<b>2,096,642.05</b>	