

OTAY WATER DISTRICT
ENGINEERING, OPERATIONS & WATER RESOURCES COMMITTEE MEETING
and
SPECIAL MEETING OF THE BOARD OF DIRECTORS

2554 SWEETWATER SPRINGS BOULEVARD
SPRING VALLEY, CALIFORNIA
Board Room

Wednesday
May 23, 2007
4:00 P.M.

This is a District Committee meeting. This meeting is being posted as a special meeting in order to comply with the Brown Act (Government Code Section §54954.2) in the event that a quorum of the Board is present. Items will be deliberated, however, no formal board actions will be taken at this meeting. The committee makes recommendations to the full board for its consideration and formal action.

AGENDA

1. ROLL CALL
2. 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

INFORMATION / ACTION ITEMS

3. AUTHORIZATION TO ISSUE A BLANKET PURCHASE ORDER TO KIRK PAVING FOR AS-NEEDED ASPHALT PAVING SERVICES FROM JULY 1, 2007 THROUGH JUNE 30, 2008 IN AN AMOUNT NOT TO EXCEED \$175,000 (PORRAS / HENDERSON) [5 minutes]
4. INFORMATIONAL ITEM ON OTAY WATER DISTRICT'S BID PROCESS FOR CONSTRUCTION OF CAPITAL IMPROVEMENT PROJECTS (CIP) (POSADA / RIPPERGER) [10 minutes]
5. AWARD A CONTRACT FOR RESERVOIR FLOATING COVER MAINTENANCE TO ENVIRONMENTAL FABRICS, INC. IN THE AMOUNT OF \$164,400 (PORRAS / STALKER) [5 minutes]
6. FISCAL YEAR 2007 THIRD QUARTER CIP REPORT (POSADA / SIMMONS) [10 minutes]

7. UPDATE ON THE 36-INCH PIPELINE, SAN DIEGO COUNTY WATER AUTHORITY OTAY FCF NO. 14 TO THE REGULATORY SITE PROJECT (POSADA / JUYBARI) [10 minutes]
8. REQUEST BY SYCUAN BAND OF THE KUMEYAAY NATION TO ANNEX INTO OTAY WATER DISTRICT (POSADA) [10 minutes]
9. ADOPT ORDINANCE 511 AMENDING SECTION 27, REQUIREMENTS AND LIMITATIONS FOR OBTAINING WATER SERVICE, OF THE OTAY WATER DISTRICT CODE OF ORDINANCES (GRANGER / BANUELOS) [10 minutes]
10. ADJOURNMENT

BOARD MEMBERS ATTENDING:

Jose Lopez, Chair
Gary Croucher

All items appearing on this agenda, whether or not expressly listed for action, may be deliberated and may be subject to action by the Board.

If you have any disability that would require accommodation in order to enable you to participate in this meeting, please call the District Secretary at 670-2280 at least 24 hours prior to the meeting.

Certification of Posting

I certify that on May 17, 2007 I posted a copy of the foregoing agenda near the regular meeting place of the Board of Directors of Otay Water District, said time being at least 24 hours in advance of the meeting of the Board of Directors (Government Code Section §54954.2).

Executed at Spring Valley, California on May 17, 2007.


Connie Rathbone, Assistant District Secretary



AGENDA ITEM 3

STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	June 6, 2007
SUBMITTED BY:	Don Henderson, <i>DH</i> Construction Maintenance Manager	W.O./G.F. NO:	DIV. NO. All
APPROVED BY:	Pedro Porras, Chief of Water Operations <i>P</i> (Chief)		
APPROVED BY:	Manny <i>M</i> Agaña, Asst. General Manager, Engineering & Operations (Asst. GM):		
SUBJECT:	ANNUAL AS-NEEDED PAVING BLANKET PURCHASE ORDER		

GENERAL MANAGER'S RECOMMENDATION:

That the Board authorizes the General Manager to issue a blanket purchase order to Kirk Paving in an amount not to exceed \$175,000 for as-needed asphalt paving service from July 1, 2007 through June 30, 2008.

COMMITTEE ACTION: _____

Please see attachment A.

PURPOSE:

To present bid results and request authorization to issue a blanket purchase order to Kirk Paving for as-needed asphalt paving services from July 1, 2007 through June 30, 2008 in an amount not to exceed \$175,000.

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. The District uses outside contractors for the majority of its asphalt paving work.

The proposed pavement repair budget for FY 2008 is \$175,000.

In accordance with public purchasing requirements, a notice was published and bids were solicited for this work. Four contractors attended a mandatory pre-bid meeting held on April 18, 2007. On May 10, 2007 a public bid opening was held and two bids were submitted.

A comparative analysis (Attachment B) was conducted and the low bidder was determined to be Kirk Paving, Lakeside, CA.

Kirk paving has performed two major paving projects for the District related to recent water main breaks. This work was competitively advertised and bid. The District's experience with Kirk Paving has been positive and the District is confident that they will be able to perform the required work.

FISCAL IMPACT:

The Proposed FY 2008 Budget for as-needed asphalt paving and repair is \$175,000. The proposed contract for this work is for an amount not to exceed \$175,000.

STRATEGIC GOAL:

Strategy: Stewards of Public Infrastructure

Goal: Conduct best practice preventative maintenance activities

LEGAL IMPACT:

None.



General Manager



ATTACHMENT A

SUBJECT/PROJECT:	ANNUAL AS-NEEDED PAVING BLANKET PURCHASE ORDER
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COMMITTEE ACTION:

This item will be presented to the Engineering, Water Operations and Water Resources Committee Meeting on May 23, 2007.

NOTE:

The "Committee Action" is written in anticipation of the Committee moving the item forward for Board approval. This report will be sent to the Board as a committee approved item, or modified to reflect any discussion or changes as directed from the committee prior to presentation to the full board.

Attachment B

**Bid Results and Score Sheet
As Needed Asphaltic Concrete Paving Service - FY 2008
Bid Opening May 10, 2007, 10:30 am**

Months 1 through 6

Item	Description	Weight	Kirk Paving		Frank and Son Paving	
			Price	Score	Price	Score
1	Asphalt 0" to 6"	10	\$ 21.00	210.00	\$ 30.00	300
2	Asphalt 7" to 12"	5	\$ 26.80	134.00	\$ 35.00	175
3	Cap/Sheet 0" to 1"	5	\$ 5.65	28.25	\$ 20.00	100
4	Satin Seal	1	\$ 30.00	30.00	\$ 2.25	2.25
5	Traffic Striping	1	\$ 4.00	4.00	\$ 8.50	8.5
6	Grinding	1	\$ 14.00	14.00	\$ 20.00	20
7	Traffic Loops	1	\$ 800.00	800.00	\$ 950.00	950
8	Sand/Seal	1	\$ 30.00	30.00	\$ 175.00	175
9	Base Removal/Replace	1	\$ 550.00	550.00	\$1,100.00	1100
10	Saw Cut 0" to 6"	10	\$ 8.00	80.00	\$ 10.00	100
11	Saw Cut 7" to 12"	10	\$ 12.50	125.00	\$ 17.50	175
Sub-Total Months 1 through 6				2,005.25		3,105.75

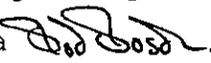
Months 7 through 12

Item	Description	Weight	Kirk Paving		Frank and Son Paving	
			Price	Score	Price	Score
1	Asphalt 0" to 6"	10	\$ 22.00	220	\$ 35.00	350
2	Asphalt 7" to 12"	5	\$ 28.00	140	\$ 40.00	200
3	Cap/Sheet 0" to 1"	5	\$ 7.00	35	\$ 30.00	150
4	Satin Seal	1	\$ 32.00	32	\$ 2.75	2.75
5	Traffic Striping	1	\$ 4.00	4	\$ 9.50	9.5
6	Grinding	1	\$ 14.00	14	\$ 30.00	30
7	Traffic Loops	1	\$ 850.00	850	\$1,025.00	1025
8	Sand/Seal	1	\$ 30.00	30	\$ 175.00	175
9	Base Removal/Replace	1	\$ 600.00	600	\$1,100.00	1100
10	Saw Cut 0" to 6"	10	\$ 10.00	100	\$ 13.00	130
11	Saw Cut 7" to 12"	10	\$ 14.00	140	\$ 18.00	180
Sub-Total Months 7 through 12				2,165.00		3,352.25
Total Score -				4,170.25		6,458.00

AGENDA ITEM 4



STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	June 6, 2007
SUBMITTED BY:	Ron Ripperger Engineering Manager	PROJECT/SUBPROJECT:	N/A DIV. ALL NO.
APPROVED BY: (Chief)	Rod Posada  Chief, Engineering		
APPROVED BY: (Asst. GM):	Manny Magaña Assistant General Manager, Engineering and Operations		
SUBJECT:	Informational Item on Otay Water District's Bid Process for Construction of CIP Projects		

GENERAL MANAGER'S RECOMMENDATION:

This is an informational item only. No action is required on the part of the Engineering, Operations and Water Resources Committee or the Board.

COMMITTEE ACTION:

Please see Attachment A.

PURPOSE:

This is an informational item only, to update and inform the Board on the District's bid process for construction of CIP projects.

ANALYSIS:

The Otay Water District (District) is required by Public Contract Code, Section 20642, to publicly bid projects for construction or procurement that are estimated to be greater than \$35,000 in value. The District adheres to this law and advertises for bid for a minimum of twenty one (21) days per our Purchasing Procurement requirements.

In instances where a project scope for construction is complicated and large in magnitude, the bid time may be extended to provide an opportunity for contractors to adequately prepare a bid proposal for the work. In order to encourage contractors

to submit a bid proposal for a project, Staff will notify individual contractors and update them on various aspects of the project. This practice has increased the number of bids that have been received for recent projects.

When the design plans and specifications are ready for construction they are finalized into a set of Contract Documents which include a front end section with instructions to bidders and dates for the pre-bid meeting along with the date of the bid opening. The District's current practice for bid advertising is to advertise all construction projects on the District Website for one (1) month and in a variety of trade publications, planhouses and newspapers, e.g., the San Diego Daily Transcript, San Diego Union Tribune, F. W. Dodge, Construction Market Data, Construction Update, Bid America, Contracting Opportunities, Daily Construction Reporter, Black Contractors Association, Circuit Breaker Sales and the Contractor Information Network.

The District also provides the complete Contract Documents to the various planhouses for their customers' use in preparing for the bid.

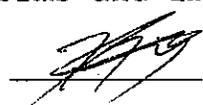
Once all bid proposals are received, they are opened on the date and time specified in both the Advertisement to Bid and the Invitation to Bid. Bid proposals that are received after the time specified are rejected and returned to the Contractor. The bid opening is open to the public and is often attended by interested Staff, prospective contractors and suppliers. All bids are opened with Staff serving as witnesses to the process. Once all bid proposals are opened and read and bid bond and any addenda are acknowledged, the District's Project Manager announces the apparent low bidder from the resulting bid proposals. Staff then begins the process of reviewing all bid proposals and tabulating the bid items for each contractor in a spreadsheet to determine if any errors in addition were made (See Exhibit A for example review memo). In the case of an error in addition, the grand total of the unit prices and/or lump sum totals for each line item governs. The following steps are taken to verify the accuracy of information, as well as, the references provided by the lowest responsible bidder:

1. Staff confirms that the apparent low bidder is the lowest responsive and responsible bidder by carefully reviewing their bid submittal.

2. Staff verifies with the California State Contractors License Board on the license status of the contractor by ensuring they have a proper and valid license, up to date Workers Compensation Insurance, and a bond certifying that the Responsible Managing Officer owns 10% or more of the voting stock/equity in the corporation, as required in the Contract Documents.
3. Staff's review also includes reference checks for the apparent low bidder. The contractor is required to provide a minimum of five (5) references on past projects.
4. After all items are verified and confirmed, Staff will recommend the contractor to the Board for an award of a contract.

In summary, the Contractor Bid Submittal Review process works well; however, Staff will implement a further check concerning the legal history of the apparent lowest bidder, including a more detailed reference check which will include a legal review of past litigations and/or citations. This will help to protect the District from contractors who might have a frivolous litigation history. This review will be conducted with General Counsel in order to comply with the law. A disclosure form regarding litigation, included with the contractor's bid submittal, would give Counsel a more detailed review. Staff will develop the forms and implement as quickly as possible.

FISCAL IMPACT:



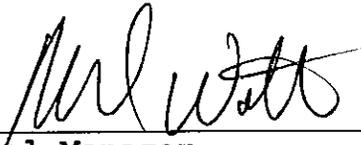
None at this time.

STRATEGIC GOAL:

This project supports the District's Mission statement, "To provide the best quality of water and wastewater services to the customers of Otay Water District, in a professional, effective, efficient, and sensitive manner...." This project fulfills the District's strategic goals to "Train and Develop at all levels."

LEGAL IMPACT:

Counsel and Staff to work together in developing the additional checks and balances.



General Manager

RR/RP/jf

Attachments:

Attachment A
Exhibit A

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ATTACHMENT A

SUBJECT/PROJECT:	Informational Item on Regional Training Facility
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COMMITTEE ACTION:

The Engineering and Water Operations Committee reviewed this item at a meeting held on May 23, 2007. The Committee supported Staff's recommendation.

NOTE:

The "Committee Action" is written in anticipation of the Committee moving the item forward for Board approval. This report will be sent to the Board as a Committee approved item, or modified to reflect any discussion or changes as directed from the Committee prior to presentation to the full Board.



MEMORANDUM

TO: Ron Ripperger CIP # CIP P1270

FROM: Hossein Juybari *HJ* Date: May 10, 2007

SUBJ: Facilities Pavement Program Telegraph Canyon Charge P1270-007000
Road Time To:

The above referenced project was advertised and bids were opened on April 3, 2007. Five (5) contractors submitted bids with the following results. References were checked for the lowest bid.

1) M & M General Engineering Contractors, Inc. \$128,650.00

- License was checked through the California Contractors State License Board (CCSLB) website right after the bid opening on April 2, 2007 and found out that their license was expired. However, the CCSLB has received their license renewal application but it has not been processed yet. M & M General Engineering Contractors, Inc. (M&MGECI) also disclosed in their bid proposal that their license is currently pending.

Otay Water District (District) staff called M&MGECI to find out the status of their license and they said that on March 12, 2007 they submitted the license renewal application to CCSLB but it has not been processed. A follow up call to CCSLB by the District staff indicated that M&MGECI license renewal application has been processed but their license will not be current and active until they comply with the Worker's Compensation requirements.

On April 9, 2007, the District staff informed M&MGECI and gave them one (1) day time frame to obtain clearance from CCSLB and provide the District a valid contractor's license or the District will make M&MGECI a non responsive bidder.

On April 10, 2007, M&MGECI notified the District that their license is now current and active. District staff checked the CCSLB website and it was found out that M&MGECI license is now current and active. Staff coordinated the above effort with legal counsel.

All five (5) references provided by M&MGECI were called several times and only two (2) called back. Reference checks were performed on the two (2) that responded.

EXHIBIT A

2) Frank & Son Paving, Inc. \$131,500.00

- No irregularities found. Responsive bid.
- Contractor License is current and active.

3) J.D Paving, Inc. \$147,230.75

- No irregularities found. Responsive bid.
- Contractor License is current and active.

4) Kirk Paving, Inc. \$152,331.60

- No irregularities found. Responsive bid.
- Contractor License is current and active.

5) Zondiros Corporation \$174,000.00

- No irregularities found. Responsive bid.
- Contractor License is current and active.

Enclosures: Bid Evaluation Sheet
Bid Opening Summary
California Contractors' License Information
Reference Checks

CC: Rod Posada
Ron Ripperger
Richard Shackley
Ken Simmons
Jake Valencia

BID OPENING SUMMARY

OTAY WATER DISTRICT

PROJECT NAME: Facilities Pavement Program Tel Cyn Rd

CIP NO.: P1270-007000

DATE: April 3, 2007

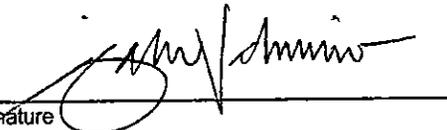
TIME: 2:00 p.m.

LOCATION: Otay Water District Board Room

BID NO.	CONTRACTOR NAME	TOTAL BID AMOUNT	BIDDER'S SURETY			REMARKS
			BIDDER'S BOND	CERTIFIED CHECK	CASH	
	ENGINEERS ESTIMATE: \$125,000.00 to \$150,000.00					
1	M & M General Engineering Contractors, Inc.	\$128,650.00				
2	Frank & Son Paving, Inc.	\$131,500.00				
3	J.D. Paving, Inc.	\$147,230.75				
4	Kirk Paving, Inc.	\$152,331.60				
5	Zondiros Corporation	\$174,000.00				
6						
7						
8						
9						
10						

ATTEST TO OPENING:

BIDS OPENED BY: Jake Valencia
Name (printed) and Signature



WITNESS: Daniel Kay
Name (printed) and Signature



WITNESS: Meryll Gonzalez
Name (printed) and Signature



WITNESS: Bernardo Separa
Name (printed) and Signature



M&M GENERAL ENGINEERING CONTRACTORS, INC.

24824 S. COLE GRADE ROAD
VALLEY CENTER, CA 92082
TEL 760.749.3180 FAX 760.749.3382
LICENSE 856652, A

LIST OF REFERENCES

Project EMAS - Lindbergh Field
Owner San Diego Regional Airport Authority
Contractor Diamond Lane Contractors
Contact Mike Adams
Tel (760) 471-0900 Fax (760) 471-0097
Date of Work September-06
Contract Value \$ 463,475.00

Project San Miguel Ranch - On-Site
Owner Centre Builders, Inc.
Contractor Centre Builders, Inc.
Contact Bill Pollard
Tel (747) 424-0078 Fax (714) 424-0158
Date of Work June-06
Contract Value \$ 768,802.00

Project Rancho Santa Fe Drive
Owner City of San Marcos
Contractor FCI Constructors, Inc.
Contact Roy Bartlett
Tel (760) 727-9767 Fax (760) 727-9892
Date of Work March-06
Contract Value \$ 297,194.00

Project Chick Road Closure
Owner County of Imperial
Contractor County of Imperial
Contact Gordon Starnes
Tel (760) 482-4462 Fax (760) 352-1272
Date of Work Jan-Feb 07
Contract Value \$ 96,977.00

Project San Felipe Creek Bridge
Owner Caltrans
Contractor MCM Construction, Inc.
Contact Andre Catellier
Tel (916) 334-0562 Fax (916) 334-8355
Date of Work February-07
Contract Value \$ 167,518.00

REFERENCE CHECK COMMENTS
Facilities Pavement Program Telegraph Canyon Road
CIP P1270-007000

CONTRACTOR: M & M General Engineering Contractors, Inc.

DATE: April 4, 2007

REFERENCE: Centre Builders, Inc.

CONTACT PERSON: Bill Pollard

PROJECT TITLE: San Miguel Ranch-On-Site

PHONE NUMBER: (714) 424-0078

1. Was M & M General Engineering Contractors, Inc. able to perform the contracted services in a timely fashion?

Yes, M & M General Engineering Contractors, Inc. completed the project ahead of time.

2. Where there delays caused by M & M General Engineering Contractors, Inc.?

No.

3. Were there any change orders? If so, what was the total percentage of change orders?

No, the project was completed within budget.

4. Did M & M General Engineering Contractors, Inc. follow through on direction/change orders timely?

Not applicable.

5. How well did M & M General Engineering Contractors, Inc. interface and communicate with your project manager?

M & M General Engineering Contractors, Inc. constantly provide excellent communication to the project manager prior to construction and during construction.

6. Would M & M General Engineering Contractors, Inc. be a viable choice to receive a contract today?

Absolutely.

7. On a scale of 1-10 how would you rate M & M General Engineering Contractors, Inc. overall performance with 10 being excellent?

9.5

COMMENTS:

All I can say is that M & M General Engineering Contractors, Inc. provided us an excellent performance throughout the project construction. They show up everyday and take care of business and we are very happy on the project construction end results.

REFERENCE CHECK COMMENTS
Facilities Pavement Program Telegraph Canyon Road
CIP P1270-007000

CONTRACTOR: M & M General Engineering Contractors, Inc.

DATE: April 10, 2007

REFERENCE: FCI Contractors, Inc.

CONTACT PERSON: Jeff Turner

PROJECT TITLE: Rancho Santa Fe Drive

PHONE NUMBER: (760)727-9767

1. Was M & M General Engineering Contractors, Inc. able to perform the contracted services in a timely fashion?

Yes, M & M General Engineering Contractors, Inc. completed the project ahead of time.

2. Where there delays caused by M & M General Engineering Contractors, Inc.?

No.

3. Were there any change orders? If so, what was the total percentage of change orders?

No.

4. Did M & M General Engineering Contractors, Inc. follow through on direction/change orders timely?

Not applicable.

5. How well did M & M General Engineering Contractors, Inc. interface and communicate with your project manager?

M & M General Engineering Contractors, Inc. constantly communicate with our project manager really well.

6. Would M & M General Engineering Contractors, Inc. be a viable choice to receive a contract today?

Yes.

7. On a scale of 1-10 how would you rate M & M General Engineering Contractors, Inc. overall performance with 10 being excellent?

Between 8 and 9.

COMMENTS:

M & M General Engineering Contractors, Inc. are good workers, we are happy on the project end results, I have no comments on them.

California Home

Wednesday, May 09, 2007

**License Detail****CALIFORNIA CONTRACTORS STATE LICENSE BOARD****Contractor License # 856652****DISCLAIMER**

A license status check provides information taken from the CSLB license data base. Before relying on this information, you should be aware of the following limitations:

- CSLB complaint disclosure is restricted by law (B&P 7124.6). If this entity is subject to public complaint disclosure, a link for complaint disclosure will appear below. Click on the link or button to obtain complaint and/or legal action information.
- Per B&P 7071.17, only construction related civil judgments reported to the CSLB are disclosed.
- Arbitrations are not listed unless the contractor fails to comply with the terms of the arbitration.
- Due to workload, there may be relevant information that has not yet been entered onto the Board's license data base.

Extract Date: **05/09/2007******* Business Information *****

M & M GENERAL ENGINEERING CONTRACTORS INC
 28425 S COLE GRAND ROAD
 VALLEY CENTER, CA 92085
 Business Phone Number: (760) 749-3180

Entity: **Corporation**
 Issue Date: **03/29/2005** Expire Date: **03/31/2009**

***** License Status *****

This license is current and active. **All information below should be reviewed.**

***** Classifications *****

Class	Description
A	GENERAL ENGINEERING CONTRACTOR

***** Bonding Information *****

CONTRACTOR'S BOND: This license filed Contractor's Bond number **246746** in the amount of **\$12,500** with the bonding company **AMERICAN CONTRACTORS INDEMNITY COMPANY.**
 Effective Date: **01/01/2007**

Contractor's Bonding History

BOND OF QUALIFYING INDIVIDUAL(1): The Responsible Managing Officer (RMO) MICHAEL DAVID OPPENHEIMER certified that he/she owns 10 percent or more of the voting stock/equity of the corporation. A bond of qualifying individual is **not** required.

Effective Date: **03/29/2005**

***** Workers Compensation Information *****

This license has workers compensation insurance with the

STATE COMPENSATION INSURANCE FUND

Policy Number: **046-0017739** Effective Date: **04/01/2007** Expire Date: **04/01/2008**

Workers Compensation History

Personnel List

License Number Request

Contractor Name Request

Personnel Name Request

Salesperson Request

Salesperson Name Request

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License Detail

CALIFORNIA CONTRACTORS STATE LICENSE BOARD

Contractor License # 612545

DISCLAIMER

A license status check provides information taken from the CSLB license data base. Before relying on this information, you should be aware of the following limitations:

- CSLB complaint disclosure is restricted by law (B&P 7124.6). If this entity is subject to public complaint disclosure, a link for complaint disclosure will appear below. Click on the link or button to obtain complaint and/or legal action information.
- Per B&P 7071.17, only construction related civil judgments reported to the CSLB are disclosed.
- Arbitrations are not listed unless the contractor fails to comply with the terms of the arbitration.
- Due to workload, there may be relevant information that has not yet been entered onto the Board's license data base.

Extract Date: 05/09/2007

***** Business Information *****

FRANK AND SON PAVING INC
 1019 THIRD AVENUE
 CHULA VISTA, CA 91911
 Business Phone Number: (619) 422-8322

Entity: Corporation
 Issue Date: 02/11/1991 Expire Date: 02/28/2009

***** License Status *****

This license is current and active. All information below should be reviewed.

***** Classifications *****

Class	Description
C12	EARTHWORK AND PAVING

***** Bonding Information *****

CONTRACTOR'S BOND: This license filed Contractor's Bond number 478300 in the amount of \$12,500 with the bonding company **SURETY COMPANY OF THE PACIFIC.**
 Effective Date: 01/01/2007

Contractor's Bonding History

BOND OF QUALIFYING INDIVIDUAL(1): The Responsible Managing Officer (RMO) ALICIA TOVAR VASQUEZ certified that he/she owns 10 percent or more of the voting stock/equity of the corporation. A bond of qualifying individual is **not** required.

Effective Date: **03/05/2003**

***** Workers Compensation Information *****

This license has workers compensation insurance with the

STATE COMPENSATION INSURANCE FUND

Policy Number: **046-0006310** Effective Date: **07/01/1996** Expire Date: **01/01/2008**

Workers Compensation History

Personnel listed on this license (current or disassociated) are listed on other licenses.

Personnel List **Other Licenses**

License Number Request

Contractor Name Request

Personnel Name Request

Salesperson Request

Salesperson Name Request

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California Home

Wednesday, May 09, 2007

**License Detail**

CALIFORNIA CONTRACTORS STATE LICENSE BOARD

Contractor License # 652554**DISCLAIMER**

A license status check provides information taken from the CSLB license data base. Before relying on this information, you should be aware of the following limitations:

- CSLB complaint disclosure is restricted by law (B&P 7124.6). If this entity is subject to public complaint disclosure, a link for complaint disclosure will appear below. Click on the link or button to obtain complaint and/or legal action information.
- Per B&P 7071.17, only construction related civil judgments reported to the CSLB are disclosed.
- Arbitrations are not listed unless the contractor fails to comply with the terms of the arbitration.
- Due to workload, there may be relevant information that has not yet been entered onto the Board's license data base.

Extract Date: 05/09/2007

***** Business Information *****

J D PAVING INC
 1412 BARHAM DRIVE
 SAN MARCOS, CA 92069
 Business Phone Number: (760) 233-2980

Entity: Corporation

Issue Date: 08/18/1992 Expire Date: 08/31/2008

***** License Status *****

This license is current and active. **All information below should be reviewed.**

***** Classifications *****

Class	Description
A	GENERAL ENGINEERING CONTRACTOR

***** Bonding Information *****

CONTRACTOR'S BOND: This license filed Contractor's Bond number **1004372** in the amount of **\$12,500** with the bonding company **SURETY COMPANY OF THE PACIFIC.**
 Effective Date: 01/01/2007

Contractor's Bonding History

BOND OF QUALIFYING INDIVIDUAL(1): The Responsible Managing Officer (RMO) JOSEF DEBRECENI certified that he/she owns 10 percent or more of the voting stock/equity of the corporation. A bond of qualifying individual is **not** required.

Effective Date: **08/18/1992**

***** Workers Compensation Information *****

This license has workers compensation insurance with the

THE TRAVELERS INDEMNITY COMPANY

Policy Number: **DTEUB7625C74A06** Effective Date: **10/01/2006** Expire Date: **10/01/2007**

Workers Compensation History

Personnel List

License Number Request

Contractor Name Request

Personnel Name Request

Salesperson Request

Salesperson Name Request

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California Home

Wednesday, May 09, 2007

**License Detail****CALIFORNIA CONTRACTORS STATE LICENSE BOARD****Contractor License # 749206****DISCLAIMER**

A license status check provides information taken from the CSLB license data base. Before relying on this information, you should be aware of the following limitations:

- CSLB complaint disclosure is restricted by law (B&P 7124.6). If this entity is subject to public complaint disclosure, a link for complaint disclosure will appear below. Click on the link or button to obtain complaint and/or legal action information.
- Per B&P 7071.17, only construction related civil judgments reported to the CSLB are disclosed.
- Arbitrations are not listed unless the contractor fails to comply with the terms of the arbitration.
- Due to workload, there may be relevant information that has not yet been entered onto the Board's license data base.

Extract Date: 05/09/2007

***** Business Information *****

KIRK PAVING INC
8722 WINTER GARDENS BLVD
LAKESIDE, CA 92040
Business Phone Number: (619) 938-9958

Entity: **Corporation**
Issue Date: 05/11/1998 Expire Date: 05/31/2008

***** License Status *****

This license is current and active. **All information below should be reviewed.**

***** Classifications *****

Class	Description
A	GENERAL ENGINEERING CONTRACTOR

***** Bonding Information *****

CONTRACTOR'S BOND: This license filed Contractor's Bond number **56866** in the amount of **\$12,500** with the bonding company **AMERICAN CONTRACTORS INDEMNITY COMPANY.**
Effective Date: 01/01/2007

Contractor's Bonding History

BOND OF QUALIFYING INDIVIDUAL(1): The Responsible Managing Officer (RMO) JON ALLEN KIRK certified that he/she owns 10 percent or more of the voting stock/equity of the corporation. A bond of qualifying individual is **not** required.

Effective Date: **08/06/2003**

***** Workers Compensation Information *****

This license has workers compensation insurance with the
REDWOOD FIRE AND CASUALTY INSURANCE CO
Policy Number: **W7437669** Effective Date: **04/01/2007** Expire Date: **04/01/2008**

Workers Compensation History

Personnel listed on this license (current or disassociated) are listed on other licenses.

Personnel List Other Licenses

License Number Request

Contractor Name Request

Personnel Name Request

Salesperson Request

Salesperson Name Request

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California Home

Wednesday, May 09, 2007

**License Detail****CALIFORNIA CONTRACTORS STATE LICENSE BOARD****Contractor License # 766708****DISCLAIMER**

A license status check provides information taken from the CSLB license data base. Before relying on this information, you should be aware of the following limitations:

- CSLB complaint disclosure is restricted by law (B&P 7124.6). If this entity is subject to public complaint disclosure, a link for complaint disclosure will appear below. Click on the link or button to obtain complaint and/or legal action information.
- Per B&P 7071.17, only construction related civil judgments reported to the CSLB are disclosed.
- Arbitrations are not listed unless the contractor fails to comply with the terms of the arbitration.
- Due to workload, there may be relevant information that has not yet been entered onto the Board's license data base.

Extract Date: 05/09/2007

***** Business Information *****

ZONDIROS CORPORATION
 2401 208TH STREET STE C8
 TORRANCE, CA 90501
 Business Phone Number: (310) 320-2558

Entity: Corporation
 Issue Date: 07/30/1999 Expire Date: 07/31/2007

***** License Status *****

This license is current and active. **All information below should be reviewed.**

***** Classifications *****

Class	Description
A	GENERAL ENGINEERING CONTRACTOR
B	GENERAL BUILDING CONTRACTOR
C27	LANDSCAPING

***** Bonding Information *****

CONTRACTOR'S BOND: This license filed Contractor's Bond number 14702115 in the amount of \$12,500 with the bonding company **WESTERN SURETY COMPANY.**
 Effective Date: 01/01/2007

Contractor's Bonding History

BOND OF QUALIFYING INDIVIDUAL(1): The Responsible Managing Officer (RMO) THOMAS JAMES ZONDIROS certified that he/she owns 10 percent or more of the voting stock/equity of the corporation. A bond of qualifying individual is **not** required.

Effective Date: **07/30/1999**

BOND OF QUALIFYING INDIVIDUAL(2): This license filed Bond of Qualifying Individual number **14632694** for CRAIG WILLIAM BARRY in the amount of **\$12,500** with the bonding company

WESTERN SURETY COMPANY.

Effective Date: **01/01/2007**

BQI's Bonding History***** Workers Compensation Information *****

This license has workers compensation insurance with the

ACE PROPERTY AND CASUALTY INSURANCE COMPANY

Policy Number: **C44774902** Effective Date: **01/15/2007** Expire Date: **01/15/2008**

Workers Compensation History**Personnel List**

License Number Request

Contractor Name Request

Personnel Name Request

Salesperson Request

Salesperson Name Request

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FACILITIES PAVEMENT PROGRAM TELEGRAPH CANYON ROAD

BID OPENING: April 3, 2007 at 2:00 pm
CIP P1270-007000

ITEM No.	DESCRIPTION			ENGINEER'S ESTIMATE		M & M General Engineering, Inc.		Frank & Son Paving, Inc.		J.D. Paving, Inc.		Kirk Paving, Inc.		Zondiros Corporation		Average Cost
		QTY	UNIT S	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	
1	Mobilization, Demobilization and Bonds	1	LS	\$ 12,528.45	\$ 12,528.45	\$ 9,500.00	\$ 9,500.00	\$ 6,500.00	\$ 6,500.00	\$ 5,775.60	\$ 5,775.60	\$ 6,000.00	\$ 6,000.00	\$ 10,000.00	\$ 10,000.00	\$ 7,555.12
2	Pavement Rehabilitation	1	LS	\$ 123,884.48	\$ 123,884.48	\$ 119,150.00	\$ 119,150.00	\$ 125,000.00	\$ 125,000.00	\$ 141,455.15	\$ 141,455.15	\$ 146,331.60	\$ 146,331.60	\$ 164,000.00	\$ 164,000.00	\$ 139,187.35
	a. Cold Milling															
	b. Asphalt Concrete Removal and Repaving															
	c. Striping and Marking on repair areas as necessary															
	d. Removal and Replacement of existing base and subbase course															
	e. Subgrade preparation															
	f. Traffic Control															
	g. Replacement of Traffic Loops if damaged during construction															
	TOTAL SUBMITTED BID			\$ 136,412.93	\$ 136,412.93	\$ 128,650.00	\$ 128,650.00	\$ 131,500.00	\$ 131,500.00	\$ 147,230.75	\$ 147,230.75	\$ 152,331.60	\$ 152,331.60	\$ 174,000.00	\$ 174,000.00	\$ 139,928.09
	TOTAL CORRECTED BID															

COMMENTS:

No corrected bid.



AGENDA ITEM 5

STAFF REPORT

TYPE MEETING:	Regular Board	BOARD MEETING DATE:	June 6, 2007
SUBMITTED BY:	Gary Stalker, <i>GS</i> System Operations Manager	W.O./G.F. NO:	DIV. NO. 1, 2, & 4
APPROVED BY: (Chief)	Pedro Porras, Chief of Water Operation <i>P</i>		
APPROVED BY: (Asst. GM):	Manny Magaña, Assistant General Manager, Engineering and Water Operations <i>MM</i>		
SUBJECT:	AWARD OF CONTRACT FOR RESERVOIR FLOATING COVER MAINTENANCE		

GENERAL MANAGER'S RECOMMENDATION:

That the Board awards a contract to Environmental Fabrics, Inc. for the maintenance of the floating covers on four potable and two recycled reservoirs.

COMMITTEE ACTION: _____

Please see attachment A.

PURPOSE:

To meet increased requirements by the California Department of Health Services (CDHS) for periodic maintenance of floating covers, per the American Water Works Association (AWWA) guidelines.

ANALYSIS:

The CDHS is requiring agencies that have potable water reservoirs with floating covers to maintain the covers according to "AWWA's California/Nevada Section Reservoir Floating Cover Guidelines." The maintenance, which must be done twice a year, involves cleaning the entire cover, repairing holes and tears, adjusting tensioning devices, and maintaining the rainwater removal equipment. The District has four potable reservoirs with floating covers that need to be maintained twice a year. The District also has two recycled reservoirs with floating covers that will be included in the contract to be maintained once a year. The recycled reservoir cover maintenance is not required by CDHS, but will be done as a "Best Management Practice."

Description of Reservoirs

<u>Reservoir Name</u>	<u>Type</u>	<u>Reservoir Surface Area*</u>	<u>Capacity (MG)</u>
571-1 (Roll Res.)	Potable	195,000	36.7
711-3	Potable	157,000	16.0
624-1 (Patzig Res.)	Potable	110,000	12.0
870-1 (Upper Res.)	Potable	97,000	10.9
927-1	Recycled	163,000	16.3
944-1	Recycled	102,000	12.0

* = In square feet, approximate area at high water level

The District's FY- 2008 estimate and budget, based on past experience for this type of work, is \$170,000.

Requests for proposals were sent to four prospective bidders on April 4, 2007: Layfield Environmental Systems, El Cajon, CA; International Lining Technologies, Reno NV; RTD Enterprises, Madison, ME; EC Applications (Environmental Fabrics, Inc.), Orange, CA.

Two proposals were received. The proposals were opened, non-publicly, on April 16, 2007, with the following results:

<u>CONTRACTOR</u>	<u>TOTAL AMOUNT</u>
Environmental Fabrics, Inc., Orange, CA	\$164,400
Layfield Environmental Systems Corp., El Cajon, CA	\$287,549

The evaluation process included reviewing all proposals for conformance to the request for proposal, pricing, and a detailed review of related work experience. While the variance of the bid amounts is high, the low bid is in line with the District's estimate.

The District has no experience with the low bidder, Environmental Fabrics, Inc. Six references for the low bidder were called jointly by the Purchasing and Facilities Manager and the System Operations Manager. All references were positive for quality of work, customer service, communications, meeting deadlines, and being professional. The references were asked what Environmental Fabrics Inc. staff needed to improve on and all said "nothing." The company only listed references for dairy-related (methane gas) digester covers, no potable water reservoir covers and none with the mechanical tensioning systems that the District has. However, the project manager, in previous work experience, has overseen installation of potable reservoir floating covers with tensioning systems for the Metropolitan Water District and for Newport Beach.

The references for Layfield Environmental Systems Corp. were not checked, since the project manager for Layfield designed and installed several of the Districts floating covers. The District has had positive past practices with Layfield and is confident they can provide the services required in this contract.

Even though Environmental Fabrics, Inc. has limited experience in potable water reservoir floating covers with mechanical tensioning systems, their references were very positive and they have installed and maintained numerous digester floating covers. Also, given that Environmental Fabrics, Inc.'s project manager has relevant and recent experience, staff is recommending the award of this maintenance contract to Environmental Fabrics, Inc. in the amount not to exceed \$164,400.

FISCAL IMPACT: 

Staff anticipates that all \$164,400 of this maintenance contract will be expended in 2008. The recommended 2008 budget is for \$170,000. The additional \$5,600 will be used for repairs to the covers and tensioners that are outside of the scope of the maintenance contract.

STRATEGIC GOAL:

This contract supports the Strategic Goal to be Stewards of Public Infrastructure, including conducting best practice maintenance activities.

LEGAL IMPACT: _____

None



General Manager

Attachment A: Committee Action Form



ATTACHMENT A

SUBJECT/PROJECT:

Award of Contract for Reservoir Floating Cover Maintenance

COMMITTEE ACTION:

This item will be presented to the Engineering, Water Operations and Water Resources Committee Meeting on May 23, 2007.

NOTE:

The "Committee Action" is written in anticipation of the Committee moving the item forward for Board approval. This report will be sent to the Board as a committee approved item, or modified to reflect any discussion or changes as directed from the committee prior to presentation to the full board.



AGENDA ITEM 6

STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	June 6, 2007
SUBMITTED BY:	Ken Simmons <i>Ken Simmons</i> Sr. Civil Engineer	PROJECT:	P2210 DIV. NO. ALL
APPROVED BY: (Chief)	Rod Posada <i>Rod Posada</i> Chief, Engineering		
APPROVED BY: (Asst GM)	Manny Magaña Assistant General Manager, Engineering and Operations		
SUBJECT:	Informational Item - FY 2007 Third Quarter Capital Improvement Program (CIP) Report		

GENERAL MANAGER'S RECOMMENDATION:

That the Board accept the FY 2007 Third Quarter CIP Report for review and receive a summary via PowerPoint presentation.

COMMITTEE ACTION:

Please see Attachment A.

PURPOSE:

To update the Board about the status of all CIP project expenditure highlights, significant issues, progress, and milestones on major projects.

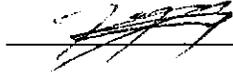
ANALYSIS:

To keep up with growth and to meet our ratepayers' expectations to adequately deliver safe, reliable, cost-effective, and quality water, each year Otay Water District (District) staff prepares a six-year CIP Plan that identifies the District infrastructure needs. The CIP is comprised of four categories consisting of backbone capital facilities, maintenance projects, developer's reimbursement projects, and capital purchases.

The quarterly update is intended to provide a detailed analysis of progress in completing these projects within the allotted time and budget. Expenditures in this Third Quarter of Fiscal Year 2007

totaled approximately \$8.2 Million. To date, 62% of the Fiscal Year 2007 expenditure budget has been spent. It is expected that the complete FY06-07 CIP budget will be spent.

FISCAL IMPACT:



None.

STRATEGIC GOAL:

The CIP supports the mission of providing the best quality of water, recycled, and wastewater service to the customers of the Otay Water District in a professional, effective, efficient, and sensitive manner, in all aspects of operation, so that public health, environment, and quality of life are enhanced.

LEGAL IMPACT:

None.



General Manager

P:\CIP\CIP Quarterly Report\2007\Board Meeting 2007\Staff Report\BD 06-06-07, FY 2007 Third Quarter CIP Report (KS-RP).doc

KS/RR/RP:jf

Attachments: Attachment A

CAPITAL IMPROVEMENT PROGRAM



Fiscal Year 2007
Third Quarter
(through March 31, 2007)

640-1 &
640-2
Reservoirs
Project



680-1
Recycled
Water
Pump
Station -
Interior



450-1
Reservoir &
680-1 Pump
Station



Background

- To keep up with growth and to meet our customers' expectations, District Staff prepared a six-year rolling CIP Report. The CIP report contains information about budget, allocations of funds, project costs, locations, descriptions, justifications and schedules.
- The approved CIP budget for FY07 consists of **91** projects that total **\$37.1 million**. These projects are broken down into four categories:

1. Capital Facilities:	\$ 28.1 million
2. Replacement/Renewal:	\$ 3.9 million
3. Capital Purchases:	\$ 1.7 million
4. Developer Reimbursement:	\$ 3.4 million

(continued)

Highlights

- Overall expenditures through the Third Quarter of Fiscal Year 2007 totaled approximately **\$22.9 million**, which is **82%** of our target expenditures through the third quarter.
- Construction change orders are at **-1.09%**.

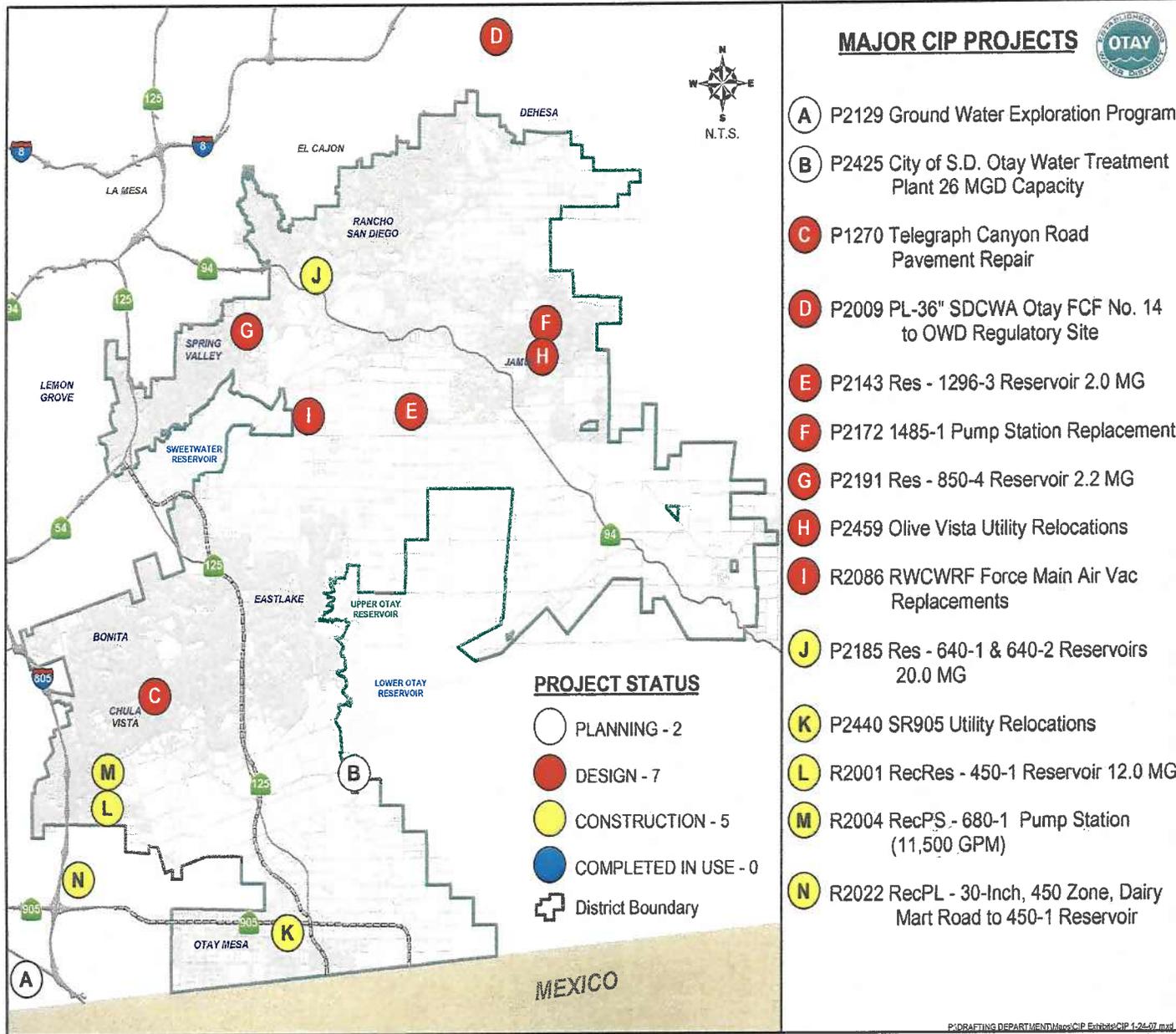


FY07 Third Quarter Report

(through March 31, 2007)

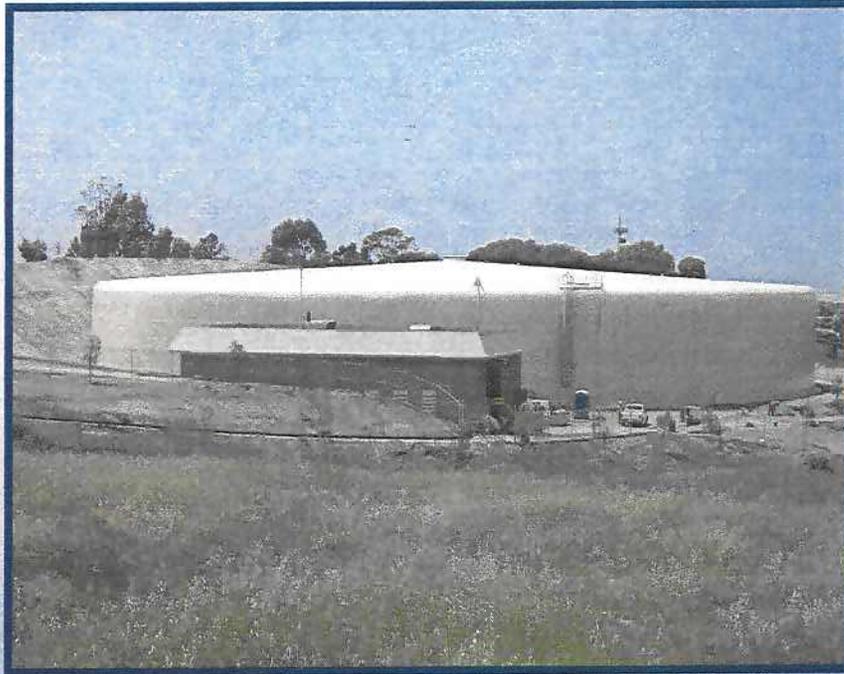
CIP Cat	Description	FY07 Budget	FY07 Expenditures	%FY07 Budget Spent	Total LTD Budget	Total LTD Expenditures	% Budget Spent
1	Capital Facilities	\$28,058,000	\$19,003,000	68%	\$197,063,000	\$77,484,000	39%
2	Replacement/Renewal	\$3,930,000	\$1,424,000	36%	\$15,911,000	\$4,889,000	31%
3	Capital Purchases	\$1,725,000	\$917,000	53%	\$15,911,000	\$11,956,000	75%
4	Developer Reimbursement	\$3,409,000	\$1,544,000	45%	\$19,882,000	\$5,180,000	26%
	Total:	\$37,122,000	\$22,888,000	62%	\$248,767,000	\$99,509,000	40%

Major CIP Projects



P:\DRAFTING DEPARTMENT\Maps\CIP Exhibit\CIP 1-24-07.mxd

Flagship CIP Projects in Construction



450-1 RESERVOIR AND 680-1 PUMP STATION



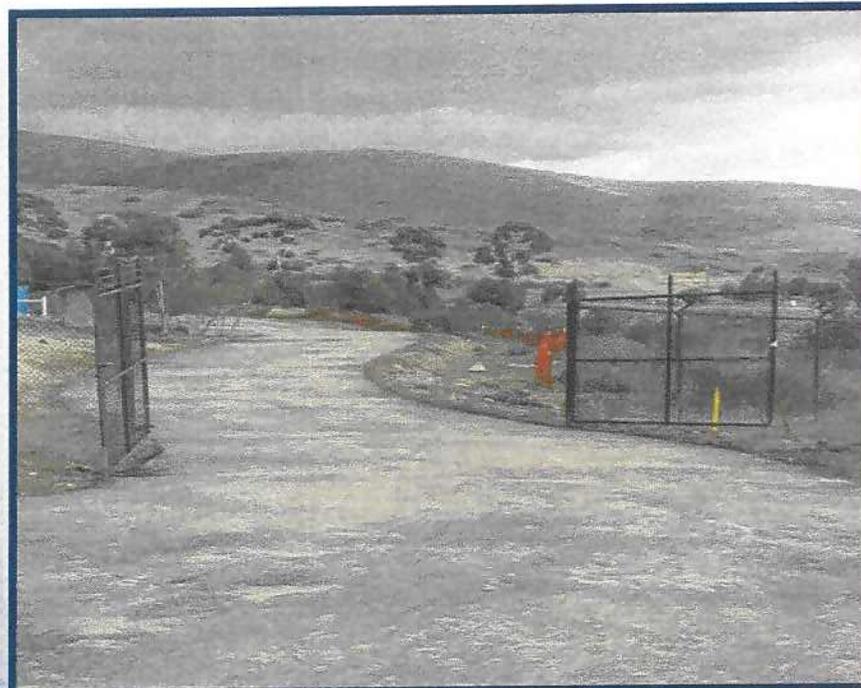
**680-1 RECYCLED WATER PUMP STATION
(INTERIOR)**

Reservoir and the Pump Station are substantially complete. Project is expected to be completed in June 2007.

(continued)



SR-905 UTILITY RELOCATIONS

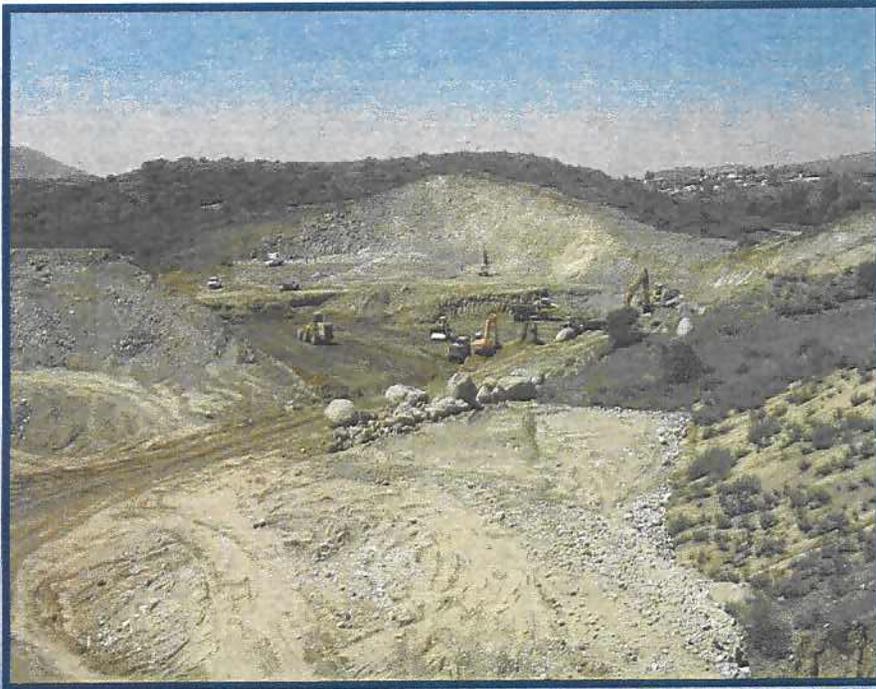


LOPS ACCESS ROAD

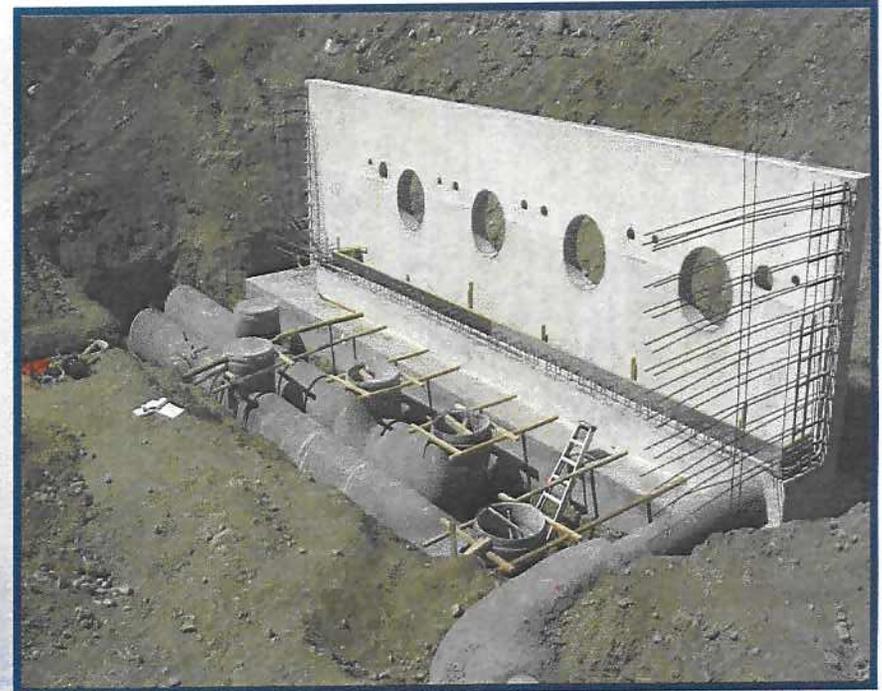
Project started on September 7, 2006 and is expected to be completed in the Fall of 2007. This project includes the relocation of three pipelines crossing under SR-905 and the reconditioning of two seismic valve vaults.

Project started in January 2007 and was completed in March 2007.

(continued)



640-1 & 640-2 Reservoirs Project
Site Grading



640-1 & 640-2 Reservoirs Project
Inlet/Outlet Valve Vault

This project was awarded to Pacific Hydrotech and was started in January 2007. Expected completion is late 2009. Project consists of two 10 million gallon circular concrete reservoirs, 11,000 feet of large diameter pipe, several valve and control vaults and demolition of the 520-1 Concrete Reservoir.

Progress on Major Projects

□ 30-Inch Recycled Water Pipeline Project:

Key Component: Approximately 6 miles of 30-inch pipeline for recycled water from City of San Diego's South Bay Water Reclamation Plant (SBWRP) to Otay's 450-1 Reservoir and 680-1 Pump Station.

Schedule: Full Notice to Proceed given on September 28, 2005. Contract completion date was December 23, 2006. Notice of substantial completion has been provided to the contractor.

Cost: The construction project budget is 98% spent – \$14.5 million out of a total budget of \$14.7 million.

Significant Issues: All connections have been made to existing systems. Acceptance expected early May 2007.

(continued)

□ **450-1 Recycled Reservoir and 680-1 Recycled Pump Station:**

Key Component: 12,000 GPM (17.3 MGD) pump station delivering recycled water from 450-1 Reservoir to the 680 and 944 recycled water pressure zones.

Schedule: Construction started in late November 2005. Original contract completion is April 1, 2007.

Cost: The construction project budget is 93% spent - \$13.6 million out of a total budget of \$14.7 million.

Significant Issues: Construction is expected to be complete in June 2007. Start up and testing is being coordinated with the 30-Inch Recycled Water Pipeline Project and is almost complete.

(continued)

□ **City of San Diego's Water Treatment Plant, Capacity:**

Key Component: Acquire at least 30 MGD and up to 50 MGD of local treatment capacity from City of San Diego (City).

Schedule: Otay Board approved the SD17 POU with the City, SDCWA and Otay. Draft SD17 Agreement under negotiation.

Cost: Only staff time has been budgeted; project cost is dependent upon negotiations outcome.

Significant Issues: The City will supply "Surplus Water" from Otay WTP to Otay per the current 1999 Agreement.

The City has an opportunity to obtain a \$6,500,000 Matching Proposition 50 Grant for SD17 consisting of a pump station at the Alvarado WTP to pump up to 60 MGD into SDCWA Pipeline No. 4. SD17 is estimated to cost \$20,000,000. The District desires to acquire 50 MGD capacity. This project will provide an opportunity to the City to generate revenue from surplus capacity. To the District, this is an opportunity to save cost on water treatment while providing an additional source of water supply.

(continued)

□ 640-1 and 640-2 Reservoirs Project (20.0 MG):

Key Component: Construction of two (2) 10-MG prestressed circular reservoirs and associated piping.

Schedule: Notice to Proceed was issued in January 2007. Project completion expected August 2008.

Significant Issues: 640-1: Installed the 42" outlet piping and poured concrete encasement under the first reservoir.

640-2: In early May 2007 will place 10' surcharge over the engineering fill of the second reservoir. Will begin laying the 42" inlet and outlet piping from the inlet/outlet vault towards the reservoirs.

Total budget: \$29.5 million

(continued)

□ **36-Inch Pipeline From FCF No. 14 to Regulatory Site Project:**

Key Component: Approximately 5 miles of 36-inch pipeline for potable water from Otay's FCF No. 14 to the Regulatory Site.

Schedule: Preparing preliminary design report and reviewing alternative alignments.

Cost: The project budget is \$18.5 million.

Significant Issues: Design is on schedule.

Consultant Contract Status

(through March 31, 2007)

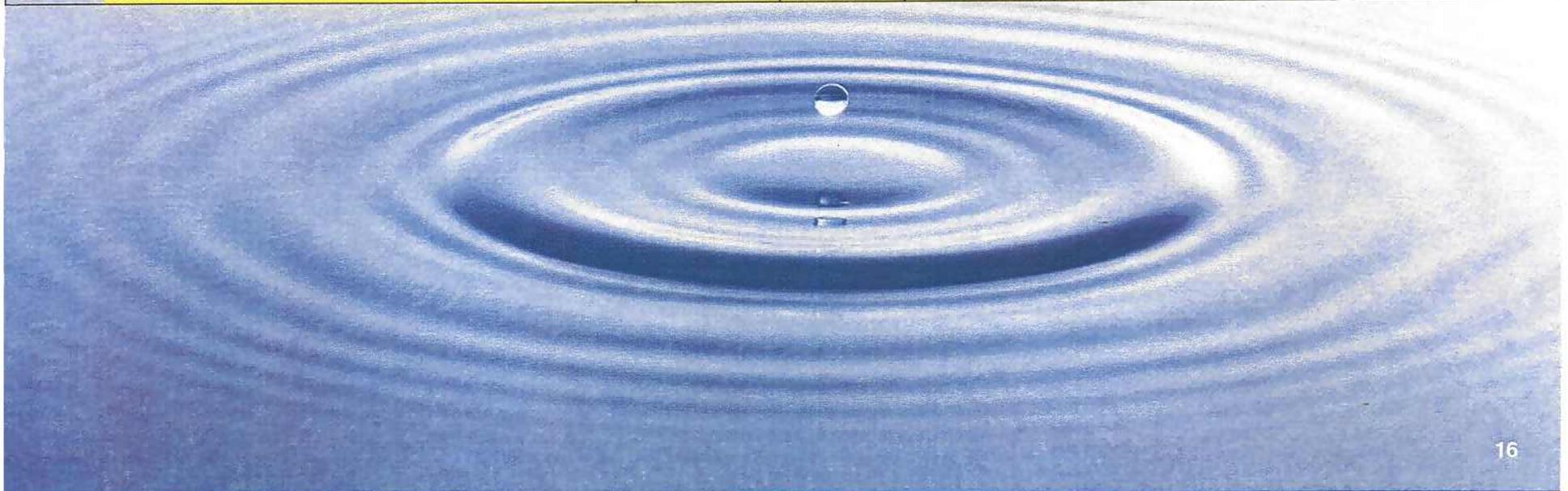
CIP NO.	PROJECT TITLE	CONSULTANT	OPENED DATE	ORIGINAL CONTRACT AMOUNT	TOTAL CHANGE ORDERS	REVISED CONTRACT AMOUNT	APPROVED PAYMENT TO DATE	% CHANGE ORDERS	% CONTRACT COMPLETE	EST. COMP. DATE
PLANNING										
P1000	OWD SCADA Documentation	Westin	1/26/2005	\$420,000	\$0	\$420,000	\$418,946	0%	99%	Complete
P1210	Integrated Resources Plan	CDM	2/16/2006	\$225,000	\$12,546	\$237,546	\$237,533	6%	100%	Complete
PLANNING TOTALS				\$645,000	\$12,546	\$657,546	\$656,479	2%	100%	
DESIGN										
P1043	Cathodic Protection	DeC	12/20/2005	\$162,418	\$2,500	\$164,918	\$99,425	2%	60%	06/30/07
P1043	La Presa 36" Pipeline Inspection	Schiff Assoc	10/15/2005	\$110,000	\$0	\$110,000	\$31,768	0%	29%	04/01/08
P2009	36-inch Pipeline, SDCWA Otay FCF No. 14 to Reg Site	Infrastructure Engineering Corp	1/19/2006	\$1,333,808	\$0	\$1,333,808	\$125,019	0%	9%	12/09/09
P2022	30" Recycled Water Pipeline	Lee & Ro	9/22/2003	\$1,585,000	\$245,136	\$1,830,136	\$1,784,655	15%	98%	05/01/07
P2037	980-3 Reservoir - Structural	Simon Wong	10/31/2005	\$49,700	\$0	\$49,700	\$25,562	0%	51%	03/31/08
P2037	980-3 Reservoir - Construction Review	Infrastructure Engineering Corp	2/16/2006	\$5,000	\$0	\$5,000	\$5,000	0%	100%	Complete
P2037	980-3 Reservoir - Electrical Services	Engineering Partners Inc	3/13/2006	\$13,220	\$0	\$13,220	\$6,325	0%	48%	03/31/08
P2053	RWCWRF- R.O. Building Remodel	Awbrey, Cook, McGill Architects	1/4/2006	\$12,250	\$0	\$12,250	\$6,927	0%	57%	06/30/08
P2185	640-1 and 2 Reservoirs	Infrastructure Engineering Corp	1/1/2005	\$722,000	\$120,000	\$842,000	\$728,950	17%	88%	12/30/08
P2191	850-4 Reservoir - Structural	Nolte	12/7/2005	\$15,695	\$0	\$15,695	\$4,195	0%	27%	06/30/07
P2191	850-4 Reservoir - Appraisals	Bowen & Assoc	6/9/2006	\$8,500	\$0	\$8,500	\$6,500	0%	76%	06/30/07

(continued)

CIP NO.	PROJECT TITLE	CONSULTANT	OPENED DATE	ORIGINAL CONTRACT AMOUNT	TOTAL CHANGE ORDERS	REVISED CONTRACT AMOUNT	APPROVED PAYMENT TO DATE	% CHANGE ORDERS	% CONTRACT COMPLETE	EST. COMP. DATE
P2416	Sweetwater Authority - SR-125 Utility Relocation	Sweetwater Authority	2/23/2006	\$4,800	\$5,000	\$9,800	\$6,917	104%	71%	09/01/07
P2440	SR-905 Utility Relocations	HDR	7/9/2004	\$200,000	\$26,900	\$226,900	\$226,900	13%	100%	Complete
R2001/ R2004	450-1 Rec Reservoir / 680-1 Pump Station	MWH	3/1/2002	\$1,030,000	\$106,000	\$1,136,000	\$1,100,233	10%	97%	06/30/07
N/A	As-Needed Drafting Services	RBF	12/6/2006	\$45,000	\$0	\$45,000	\$18,209	0%	40%	09/30/07
N/A	As-Needed Drafting Services	J.C. Heden & Assoc	12/6/2006	\$45,000	\$0	\$45,000	\$28,937	0%	64%	09/30/07
DESIGN TOTALS				\$5,342,391	\$505,536	\$5,847,927	\$4,191,215	9%	72%	
PUBLIC SERVICES										
P2258	Recycled Water Irrigation Plancheck & Inspection (Ph. 1)	Berryman / Hennigar	3/30/2003	\$250,000	\$30,000	\$280,000	\$265,050	12%	95%	06/30/07
P2258	Recycled Water Irrigation Plancheck & Inspection (Ph. 2)	Boyle Eng	12/20/2004	\$230,000	\$40,000	\$270,000	\$212,232	17%	79%	06/30/07
P2258	Recycled Water Irrigation Plancheck and Inspection, Ph. 1	Boyle Eng	10/11/2005	\$250,000	\$20,000	\$270,000	\$142,002	8%	53%	12/30/07
PUBLIC SERVICES TOTALS				\$730,000	\$90,000	\$820,000	\$619,284	12%	76%	
CONSTRUCTION / INSPECTION										
R2022	30" Recycled Pipeline CM Services	RBF / Hirsch	6/28/2005	\$1,244,201	\$0	\$1,244,201	\$972,968	0%	73%	06/30/07
R2001/ R2004	450-1 Rec Reservoir / 680-1 Pump Station CM Services	Jacobs	12/15/2005	\$825,000	\$0	\$825,000	\$545,054	0%	66%	06/30/07
CONSTRUCTION/INSP. TOTALS				\$2,069,201	\$0	\$2,069,201	\$1,458,022	0%	70%	

(continued)

CIP NO.	PROJECT TITLE	CONSULTANT	OPENED DATE	ORIGINAL CONTRACT AMOUNT	TOTAL CHANGE ORDERS	REVISED CONTRACT AMOUNT	APPROVED PAYMENT TO DATE	% CHANGE ORDERS	% CONTRACT COMPLETE	EST. COMP. DATE
ENVIRONMENTAL										
Various	On-Call Environmental Services	Jones & Stokes	8/22/2006	\$100,000	\$0	\$100,000	\$62,685	0%	63%	08/22/09
P1253	HMA & Associated Mitigation Projects	Jones & Stokes	4/20/2006	\$566,444	\$0	\$566,444	\$218,588	0%	39%	03/01/08
P1253	Waste Discharge Permit	PBS&J	8/10/2006	\$119,580	\$0	\$119,580	\$48,429	0%	60%	06/30/07
P2037	980-3 Reservoir	BRG	9/30/2004	\$54,000	\$7,319	\$61,319	\$56,908	14%	93%	Complete
P2143	1296-3 Reservoir	BRG	5/8/2006	\$125,000	\$0	\$125,000	\$33,697	0%	27%	09/30/07
P2172	1485-1 Pump Station - Environmental	PBS&J	10/4/2006	\$41,255	\$0	\$41,255	\$0	0%	0%	06/30/07
S2015	Calavo Sewer Lift Station - Geotech	Ninyo & Moore	9/7/2006	\$8,770	\$0	\$8,770	\$8,770	0%	100%	Complete
ENVIRONMENTAL TOTALS				\$1,015,049	\$7,319	\$1,022,368	\$429,077	1%	42%	
GRAND TOTAL				\$9,801,641	\$615,401	\$10,417,042	\$7,378,394	6%	71%	



Construction Contract Status

(through March 31, 2007)

CIP NO.	PROJECT TITLE	CONSTRUCTION CONTRACTOR	ORIGINAL CONTRACT AMOUNT	TOTAL CHANGE ORDERS	REVISED CONTRACT AMOUNT	TOTAL EARNED TO DATE	% OF CHANGE ORDERS *	% CONTRACT COMPLETE	EST. COMP. DATE
P2440	SR905 Utility Relocations	Zondiros	\$930,316	\$8,666	\$938,982	\$491,280	0.93%	53%	May 2007
P2359	Meter Shop Remodel	Blair Rasmussen	\$60,747	\$1,823	\$62,570	\$62,570	3.00%	100%	Complete
P2022	30" Recycled Water	Ortiz Corp	\$14,747,600	(\$41,141)	\$14,706,459	\$14,529,273	-0.28%	98%	May 2007
P2185	640-1 & 640-2 Reservoirs	Pacific Hydrotech Corp	\$24,894,000	\$0	\$24,894,000	\$2,143,175	0.00%	16%	Late 2009
P2258	LOPS Access Road Paving	Koch-Armstrong	\$76,800	(\$840)	\$75,960	\$75,960	-1.09%	100%	Complete
R2001/ R2004	450-1 Recycled Reservoir / 680-1 Recycled Pump Station	TC Construction	\$14,740,000	(\$571,305)	\$14,168,695	\$13,622,947	-3.88%	96%	June 2007
TOTALS:			\$55,449,463	(\$602,797)	\$54,846,666	\$30,925,205	-1.09%	56%	

* Change orders for projects this fiscal year continue to be below the industry average of 5-12%, which is an outstanding accomplishment.

Expenditures

(through March 31, 2007)

(\$000)

Current CIP No.	Description	Project Manager	FY 07 Budget	Total Project Budget	Total Remaining Project Balance	Total Percent Project Budget Spent	Comments
CAPITAL FACILITY PROJECTS							
P2008	PS - 980-2 Pump Station (25,000 GPM)	Ripperger	5	8,055	4	100%	Complete and accepted. Working on warranty issues.
P2009	PL - 36-Inch, SDCWA Otay FCF No. 14 to Regulatory Site	Juybari	675	18,490	18,121	2%	Pre-design report is 90% complete.
P2028	Res - 1485-2 Reservoir 1.6 MG	Ripperger	50	3,250	56	98%	Complete and accepted. Working on warranty issues.
P2033	PL - 16-Inch, 1296 Zone, Melody Rd. - Campo/Presilla	Juybari	6	1,826	1,822	0%	Project deferred to future years.
P2037	Res - 980-3 Reservoir 15.0 MG	Ripperger	50	13,204	12,662	4%	Project deferred to future years.
P2038	PL - 12-Inch, 978 Zone, Jamacha and Hidden Mesa Road Upsize and Replace.	Kay	80	1,575	1,480	6%	Contract awarded to Lee & Ro to complete this Design.
P2040	Res - 1655-1 Reservoir 0.5 MG	Ripperger	45	2,055	1,580	23%	Developer driven.
P2129	Groundwater Exploration Program	Peasley	25	2,530	1,975	22%	Groundwater development planning efforts focussed on the Otay River (P2450) and the SWA/Otay San Diego Formation Grant application (P2129).
P2143	Res - 1296-3 Reservoir 2.0 MG	Kay	345	3,379	3,137	7%	60% design in process.
P2168	Res - 803-4 Reservoir 6.0 MG	Ripperger	265	4,465	342	92%	Complete and accepted. Working on warranty issues.
P2172	PS - 1485-1 Pump Station Replacement	Kay	237	1,997	1,784	11%	30% design in process.
P2185	Res - 640-1 Reservoir 20.0 MG	Simmons	3,500	29,500	26,288	11%	Construction is underway with mass grading operations. Board approved a budget increase of \$2.5M in December 2006.
P2190	PL - 10-Inch, 1485 Zone, Jamul Highlands Road to Presilla Drive	Ripperger	2	120	117	2%	Developer driven.
P2191	Res - 850-4 Reservoir 2.2 MG	Kay	1,258	2,988	2,399	20%	Design is approaching 90% complete.
P2258	PS - Lower Otay Pump Station	Ripperger	105	7,805	5,738	26%	Access road paving was completed.
P2295	624-1 Reservoir Disinfection Facility, Inlet/Outlet/Bypass and 613-1 Reservoir Demo.	Simmons	500	4,500	522	88%	Litigation is underway.
P2318	PL - 20-Inch, 657 Zone, Summit Cross-Tie and 36-Inch Main Connections	Juybari	75	600	525	9%	On hold pending resources. Lower priority.
P2356	PL - 12-Inch, 803 Zone, Jamul Drive Permastran Pipeline Replacement	Kay	55	660	593	10%	Contract awarded to Lee & Ro to complete this Design.
P2357	PS - 657-1/850-1 Pump Station Demolition	Juybari	5	300	300	0%	On hold pending resources. Lower priority.
P2370	Res - Dorchester Reservoir and Pump Station Demolition	Juybari	23	100	87	13%	On hold pending resources. Lower priority.
P2387	PL - 12-Inch, 832 Zone, Steele Canyon Road - Via Caliente/Campo	Kay	25	400	351	12%	Contract awarded to Lee & Ro to complete this Design.

(continued)

Current CIP No.	Description	Project Manager	FY 07 Budget	Total Project Budget	Total Remaining Project Balance	Total Percent Project Budget Spent	Comments
P2399	PL - 30-Inch, 980 Zone, 980 Reservoirs to Hunte Parkway	Ripperger	1	2,740	4	100%	Project is complete.
P2422	Agency Interconnections	Gonzalez	160	308	184	40%	Staff is prioritizing all remaining interconnections.
P2425	Otay WTP Capacity Purchase Agreement Negotiations	Peasley	20	100	46	54%	SD17 Pump Station Roving Water Treatment Supply Agreement is under negotiation.
P2441	NG/RAMAR Meter Replacements	Henderson	1,250	1,519	-396	126%	99% complete. Will be complete by end of FY07.
P2447	Information Technology Meter Routing	Stevens	80	80	58	28%	On schedule.
P2449	Information Technology Business Continuity	Stevens	225	300	253	16%	Will be at \$225K by fiscal year end.
P2450	Otay River Groundwater Well Demineralization/Development	Peasley	5	5,000	5,000	0%	SWA awarded Proposition 50 Grant and Scope of Work planned to be developed by SWA in last quarter of FY2007.
P2451	Rosarito Desalination Facility Conveyance System	Peasley	2	1,000	1,000	0%	Proposition 50 Grant for Feasibility Study effort was not awarded to Otay, hence no expenditures for this fiscal year are contemplated.
P2453	SR-11 Utility Relocations	Gonzalez	5	2,300	2,300	0%	This project has not yet started.
P2454	Vaults and Meter, Alta Road and Use Area	Ripperger	253	465	290	38%	Project is complete.
P2457	Groundwater Development Otay Mountain	Peasley	50	6,500	6,500	0%	Pending outcome of Otay Mountain Well exploration effort, per terms of an existing agreement, expenditures in FY2007 may not occur.
P2458	AMR/Manual Meter Replacement	Keeran	361	7,513	7,286	3%	100% complete for FY07.
R2001	RecRes - 450-1 Reservoir 12.0 MG	Ripperger	4,300	9,967	754	92%	On schedule. Start-up is in progress.
R2003	RecRes - 680-1 Reservoir 3.4 MG	Ripperger	250	4,350	277	94%	Agreement approved by Board (settlement).
R2004	RecPS - 680-1 Pump Station (11,500 GPM)	Ripperger	4,300	8,333	479	94%	On schedule. Start-up is in progress.
R2022	RecPL - 30-Inch, 450 Zone, Otay Valley - Dairy Mart/450-1 Reservoir	Ripperger	7,500	23,600	966	96%	Start-up in progress.
R2034	RecRes - 860-1 Reservoir 4.0 MG	Gonzalez	120	3,800	3,799	99%	Delayed due to higher priorities.
R2053	RWCWRF - R.O. Building Remodel and Office Furniture	Juybari	289	422	286	31%	A building permit will be required for the temporary structures.
R2077	RecPL - 24-Inch, 860 Zone, Alta Road - Alta Gate/Airway	Gonzalez	50	3,000	2,979	1%	Delayed due to higher priorities.
R2081	RecPL - 16-Inch, 944 Zone, Lane Avenue - Proctor Valley/Pond No. 1	Kay	150	350	269	23%	Consultant working on 60% design.
R2086	RWCWRF Force Main AirVac Replacements and Road Improvements	Juybari	793	874	717	18%	Working on Section 7 consultation and As-Needed Consultant will complete design.

(continued)

Current CIP No.	Description	Project Manager	FY 07 Budget	Total Project Budget	Total Remaining Project Balance	Total Percent Project Budget Spent	Comments
R2087	RecPL - 16-Inch, 944 Zone, Wueste Road - Olympic Parkway/Otay Treatment Plant	Gonzalez	100	3,598	3,586	0%	Delayed due to higher priorities.
R2088	RecPL - 24-inch, 860 Zone, County Property - Roll Reservoir/860-1 Recycled Reservoir	Gonzalez	50	1,500	1,500	0%	Delayed due to higher priorities.
R2089	North District Recycled Water (Regulatory Compliance)	Peasley	100	415	415	0%	Project Scope of Work development is planned to begin with the 4th quarter of FY2007 following approval of new Waste Discharge Permit by the RWQCB, which is expected in May 2007. Approved by the Board separately in July 2005 and 2006.
R2090	Water Recycling Facility Feasibility Study	Juybari	80	80	72	11%	
S2015	Calavo Lift Station Replacement	Kay	133	675	582	14%	
S2016	Pilot Study / Solar Panel Installation	Juybari	100	475	466	2%	
Total Capital Facilities Projects			Total:	28,058	197,063	119,579	
RENEWAL & REPLACEMENTS							
P2267	36-Inch Main Pumpouts and Air/Vacuum Ventilation Installations	Henderson	150	195	52	74%	Three to complete. Two will be completed before year end. One is located in environmentally sensitive area that can't be undated until Sept/Oct 2007.
P2359	Operations EOC and Meter Shop Remodels and EOC Maps	Juybari	71	190	3	98%	This project is complete.
P2366	APCD Engine Replacements and Retrofits	Rhaders	150	2,438	1,029	58%	
P2382	Safety and Security Improvements	Burpeau	392	1,317	359	73%	No projects planned at this time
P2416	SR-125 Utility Relocations	Kay	210	700	133	81%	In construction.
P2440	I-905 Utility Relocations	Gonzalez	1,191	2,260	1,274	44%	In construction; delays due to utility conflicts with City of San Diego Wastewater Division.
P2456	District-Wide Air Vac Upgrades	Henderson	500	3,510	3,209	8.6%	On schedule. Completed upgrades to 88 of the 100 air vacs.
P2459	General Utility Relocation - Olive Vista Rd.	Kay	350	420	311	26%	Working on 100% design submittal.
S2012	SVSD Outfall and RSD Replacement and OM Reimbursement	Peasley	916	4,881	4,652	5%	On 3/28/07 a payment of \$267,030 was requested to be paid to County of San Diego.
Total Renewal & Replacements			Total:	3,930	15,911	11,022	31%
CAPITAL PURCHASE PROJECTS							
P2282	Vehicle Capital Purchases	Porras	266	2,172	1,032	53%	All vehicles have been purchased for FY07. We are awaiting delivery of seven vehicles in June.
P2286	Field Equipment Capital Purchases	Porras	59	1,170	619	47%	All budgeted items for FY07 have been purchased and delivered except for one tanker to be delivered in June.

(continued)

Current CIP No.	Description	Project Manager	FY 07 Budget	Total Project Budget	Total Remaining Project Balance	Total Percent Project Budget Spent	Comments
P2353	Information Technology System Enhancements and Replacements	Stevens	385	3,762	838	78%	On track.
P2361	Information Technology GIS Enhancements	Stevens	315	1,795	518	71%	Spending delayed due to staff turnover.
P2363	Information Technology Utility Billing, Data Management, and Financial System	Stevens	300	6,300	681	89%	Enhancements being scoped by vendor. GPS units. Ordered by Board in 4th
P2443	Information Technology Mobile Services	Stevens	100	412	118	71%	quarter.
P2455	Data Cleansing Project	Stevens	300	300	149	50%	On track.
Total Capital Purchase Projects		Total:	1,725	15,911	3,955	75%	
DEVELOPER REIMBURSEMENT PROJECTS							
P2026	PL - 20-Inch, 850 Zone, Jamacha Boulevard - Regulatory Site/Trace Road	Ripperger	50	1,100	56	95%	Complete, accepted and reimbursed.
P2070	PL - 16-Inch, 980 Zone, Pacific Bay Homes Road- Proctor Valley/1296 Hydro PS	Ripperger	500	500	500	0%	This project is operationally complete, but not yet accepted.
P2081	PL - 36-Inch, 980 Zone, Proctor Valley Road - PB Road/PB Bndy	Ripperger	1	546	245	55%	Complete, accepted and reimbursed.
P2104	PL - 12-Inch, 711 Zone, La Media Road - Birch/Rock Mountain	Ripperger	110	833	833	0%	This project has not yet started.
P2107	PL - 12-Inch, 711 Zone, Rock Mountain Road - La Media/SR 125	Ripperger	195	722	722	0%	This project has not yet started.
P2121	PL - 16-Inch, 711 Zone, Hunte Parkway - Olympic/EastLake	Ripperger	600	1,174	629	46%	Complete, accepted and waiting to process reimbursement.
P2133	PL - 16-Inch, 711 Zone, EastLake Parkway - Olympic/Birch	Ripperger	190	750	604	20%	Complete, accepted and waiting to process reimbursement.
P2134	PL - 16-Inch, 711 Zone, Birch Road - SR 125/EastLake	Ripperger	65	412	412	0%	This project is operationally complete, but not yet accepted.
P2164	PL - 20-Inch, 980 Zone, EastLake Parkway - Olympic/Birch	Ripperger	200	500	294	41%	Complete, accepted and waiting to process reimbursement
P2205	PS - Rolling Hills Hydro Pump Station (1,400 GPM)	Ripperger	300	1,900	283	85%	Complete, accepted and reimbursed.
P2325	PL - 10" to 12" Oversize, 1296 Zone, PB Road - Rolling Hills Hydro PS/PB Bndy	Ripperger	45	46	46	0%	This project is operationally complete, but not yet accepted.

(continued)

Current CIP No.	Description	Project Manager	FY 07 Budget	Total Project Budget	Total Remaining Project Balance	Total Percent Project Budget Spent	Comments
P2367	PL - 16-Inch, 980 Zone, Olympic Parkway - East Palomar/EastLake	Ripperger	1	1,500	1,265	16%	Three projects with this CIP. All complete and accepted, waiting for reimbursement request.
P2402	PL - 12-Inch, 624 Zone, La Media Road - Village 7/Otay Valley	Ripperger	50	444	444	0%	This project is not yet started.
P2414	PL - 12" to 16" Oversize, 803 Zone, Dehesa Road - Dehesa Meadow/OWD Bndy	Ripperger	25	275	133	52%	Project accepted. Potential litigation of claims.
P2435	PL - 16-Inch, 711 Zone, Birch Road - La Media/SR 125	Ripperger	250	531	531	0%	Multiple projects within this CIP. One complete and accepted, two projects 75% complete.
R2031	RecPL - 12-Inch, 944 Zone, EastLake Parkway - Olympic/Birch	Ripperger	160	229	120	48%	Complete, accepted and waiting to process reimbursement.
R2033	RecPL - 12-Inch, 944 Zone, Birch Road - La Media/EastLake	Ripperger	230	788	788	0.0%	Multiple projects within this CIP. One complete and accepted, two projects 75% complete.
R2040	RecPL - 12-Inch, 680 Zone, Hunte Parkway - Olympic/EastLake	Ripperger	200	1,059	648	39%	Complete, accepted and waiting to process reimbursement.
R2041	RecPL - 8-Inch, 944 Zone, EastLake Parkway - Birch/Rock Mountain	Ripperger	130	282	177	37%	Complete, accepted and waiting to process reimbursement.
R2042	RecPL - 8-Inch, 944 Zone, Rock Mountain Road - SR 125/EastLake	Ripperger	1	141	141	0%	This project is not yet started.
R2043	RecPL - 8-Inch, 944 Zone, Rock Mountain Road - La Media/SR 125	Ripperger	1	235	235	0%	Multiple projects within this CIP. One complete and accepted, the others have not yet started.
R2047	RecPL - 12-Inch, 680 Zone, La Media Road - Birch/Rock Mountain	Ripperger	100	435	435	0%	This project is not yet started.
R2058	RecPL - 16-Inch, 860 Zone, Airway Road - Otay Mesa/Alta	Ripperger	1	2,000	1,681	16%	Multiple projects within this CIP. Two of many are complete, accepted and reimbursed.
R2082	RecPL - 24-Inch, 680 Zone, Olympic Parkway - Village 2/Heritage	Ripperger	1	1,747	1,747	0%	This project is not yet started.
R2083	RecPL - 20-Inch, 680 Zone, Heritage Road - Village 2/Olympic	Ripperger	1	340	340	0%	This project is not yet started.
R2084	RecPL - 20-Inch, 680 Zone, Village 2 - Heritage/La Media	Ripperger	1	971	970	0%	This project is not yet started.
R2085	RecPL - 20-Inch, 680 Zone, Village 2 - High School/Olympic	Ripperger	1	422	422	0%	This project is not yet started.
Total Developer Reimbursement Projects		Total:	3,409	19,882	14,702	26%	
GRAND TOTAL			\$37,122	\$248,767	\$149,258	40%	



AGENDA ITEM 7

STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	June 6, 2007	
SUBMITTED BY:	Hossein Juybari <i>[Signature]</i> Senior Civil Engineer	PROJECT/ SUBPROJECT:	P2009/ 001102	DIV. NO. 5
APPROVED BY: (Chief):	Rod Posada <i>[Signature]</i> Chief, Engineering			
APPROVED BY: (Asst. GM):	Manny Magaña Assistant General Manager, Engineering and Operations			
SUBJECT:	Update on the 36-Inch Pipeline, SDCWA Otay FCF No. 14 to the Regulatory Site Project			

GENERAL MANAGER'S RECOMMENDATION:

This is an informational item only. No action is required on the part of the Engineering, Operations, and Water Resources Committee or the Board.

COMMITTEE ACTION:

Please see Attachment A.

PURPOSE:

This is an informational item only, to update and inform the Board on the status of the 36-Inch Pipeline, SDCWA Otay FCF No. 14 to the Regulatory Site Project (36-Inch Pipeline). See Exhibit A for project location.

ANALYSIS:

The 36-Inch Pipeline will be approximately five (5) miles in length and will begin at FCF No. 14 located at the northwest corner of Lexington Avenue and Third Street in the City of El Cajon. The 36-Inch Pipeline will end and tie in with the proposed 640-1 and 640-2 Reservoirs (CIP P2185), located in the District's Regulatory Site at 11880 Campo Road in Rancho San Diego. The District's schedule for construction of the pipeline and to have it available for service is February 28, 2010. This 36-inch Pipeline will provide the District with 16 million gallons a day water supply which will result in enhanced reliability for the District water systems.

Professional Engineering Services for the design of the 36-Inch Pipeline were awarded to Infrastructure Engineering Corporation (IEC) on October 4, 2006. Their first task is to prepare a Preliminary Design Report (PDR). The PDR will be comprised of individual technical memorandums that cover the various pipeline design issues.

IEC studied all possible reaches that were geographically possible from FCF No. 14 to the Regulatory Site. Using only the feasible reaches, five (5) alternative alignments were developed and presented to District staff on January 10, 2007. The northerly portion of all five (5) alignments from FCF No. 14 southerly in Jamacha Road to Calle Albara are identical. Following are brief descriptions of the differences between each alignment:

Alternative 1: Jamacha Road - Campo Road - driveway entrance northerly to Otay Water District Regulatory Site.

Alternative 2: Jamacha Road - Brabham Street - Fury Lane - westerly across south end of Cuyamaca College campus to Otay Water District Regulatory Site.

Alternative 3: Jamacha Road - Calle Albara - Wieghorst Way - southwesterly through Rancho San Diego open space to Otay Water District Regulatory Site.

Alternative 4: Jamacha Road - Calle Albara - Avenida Apolinaria - Brabham Street - Fury Lane - westerly across south end of Cuyamaca College campus to Otay Water District Regulatory Site.

Alternative 5: Jamacha Road - Brabham Street - Via Rancho San Diego - Fury Lane - westerly across south end of Cuyamaca College campus to Otay Water District Regulatory Site.

The five (5) alternative alignments were evaluated using the Pairwise Analysis method. This method analyzed the distinguishing criteria for each of the alignments. The six (6) criteria included Traffic Impacts, Utility Impacts, Environmental Impacts, Permit Review and Approval, Community Impacts, and Order of Magnitude of Costs. Issues which were common among all alternatives were not evaluated. The analysis indicated, as was presented to the District on March 7, 2007, that Alignment 5 is the best alternative for this project.

Olson Communications (Olson) is the subconsultant to IEC that provides the stakeholder and community outreach services for the

project. Primary stakeholders and individual communities have been informed of the 36-Inch Pipeline since the start of the project. Early meetings were held at the planning stage which included individual meetings with the County of San Diego, Valle de Oro Community Planning Group, Grossmont-Cuyamaca Community College, Caltrans, City of El Cajon Department of Public Works, and Helix Water District. Based on input received from these meetings, Olson developed a Public Outreach and Community Liaison Plan.

Meetings with the subcommittee representing the Valle de Oro Community Planning Group (VDOCPG) were held on five occasions. The Chairman of this Planning Group, Jack L. Phillips, was present for each of these meetings. Issues that were discussed are summarized as follows:

On November 28, 2006 staff informed the subcommittee of the justification and requirements of the 36-inch Pipeline project. The subcommittee appreciated that they were involved at the early stages of the project.

On January 31, 2007 the subcommittee was informed of the development of the five (5) alternatives using all feasible reaches. Their first choice was Alternative 3. Their second choice was Alternative 5. Mr. Phillips stated that the advantages to Alternative 3 are the minimum number of direct driveways blocked and avoidance of the schools and community centers.

On March 27, 2007 the District, along with IEC, met with VDOCPG to share and discuss the selection of the preferred pipeline alignment. IEC's recommendation was Alignment 5. Mr. Phillips expressed his concerns regarding the elimination of Alternative 3. Prior to the March 27th meeting, it was discovered that Alignment 3 failed to meet the fatal flaw criteria due to the high cost and the environmental constrain. Alignment 3 will cause construction in a coastal sage undisturbed area.

On April 2, 2007, a field visit to Alternative 3 was held with District staff and representatives of VDOCPG.

On April 3, 2007 District staff delivered a PowerPoint presentation. It was formally requested by VDOCPG that Alignment 3 should be studied further since it avoids most community and traffic impacts. VDOCPG approved Alignment 3 at its April 3rd meeting but with the caveat, "Alignment 3 has the least impact and should be done if at ALL possible." The Community Group acknowledged that Alignment 3 may not be

possible if the resource agencies reject offsite mitigation or determine there is a better viable option. Alternative 5 is their second choice. They also mentioned, "if permit restrictions blow the schedules then Otay should opt for Alignment 5."

IEC is re-evaluating Alignment 3 as a result of the April 3rd meeting. IEC will finalize the draft PDR, including the Scoring of all the Alternatives. The District will share the final PDR with VDOCPG. A meeting will be scheduled to discuss the report. The District anticipates the final draft of the PDR to be submitted in mid-June 2007.

Further community outreach efforts include a project presentation to the Grossmont-Cuyamaca Community College District, anticipated to be delivered in June. In addition, a project newsletter will be distributed after acceptance of the recommended alternative is confirmed with the principal stakeholders.

IEC has started gathering the necessary data, such as the aerial and field surveys, for the portion of the pipeline that is common to all alternatives. IEC anticipates the completion of the 30% Design in early July 2007. The 36-Inch Pipeline project is on schedule and on track. Refer to Attachment B for the Project Schedule.

On May 2, 2007, Harris & Associates was awarded a contract to provide Professional Value Engineering and Constructability Services for this project. The purpose of these services is to develop and present potential cost savings measures that will not affect the utility or delivery service of the proposed 36-inch pipeline. A Value Engineering workshop will be conducted at the completion of the 30% design and a Constructability Review will begin at the 90% design submittal completion date.

FISCAL IMPACT:



There are no fiscal impacts for this informational item. The total budget for CIP P2009 is \$18,490,000, as approved in the 2007 budget process. The actual costs paid on this project as of May 9, 2007, were \$416,397. Total expenditures and commitments to date are approximately \$2,831,309. Based on the cost analysis performed, staff does not anticipate that a budget increase is necessary. Attachment C is a table of commitments, expenditures, and the projected final cost for the project.

Finance has determined that 100% of the funding is currently available from the Expansion Fund.

STRATEGIC GOAL:

This project supports the District's Mission statement, "To provide safe, reliable water, recycled water and wastewater services to our community in an innovative, cost efficient water wise and environmentally responsible manner", as well as the General Manager's vision, "...prepared for the future..." by guaranteeing that the District will always be able to meet future water supply obligations and plan, design and construct new facilities.

LEGAL IMPACT:

None.



General Manager

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HJ/RR/RP:bs

Attachments: Attachment A
 Attachment B
 Attachment C
 Exhibit A



ATTACHMENT A

SUBJECT/PROJECT:	Update on the 36-Inch Pipeline, SDCWA Otay FCF No. 14 to the Regulatory Site Project (CIP P2009)
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COMMITTEE ACTION:

The Engineering and Water Operations Committee met to consider this item on May 23, 2007. The Committee supported Staff's recommendation.

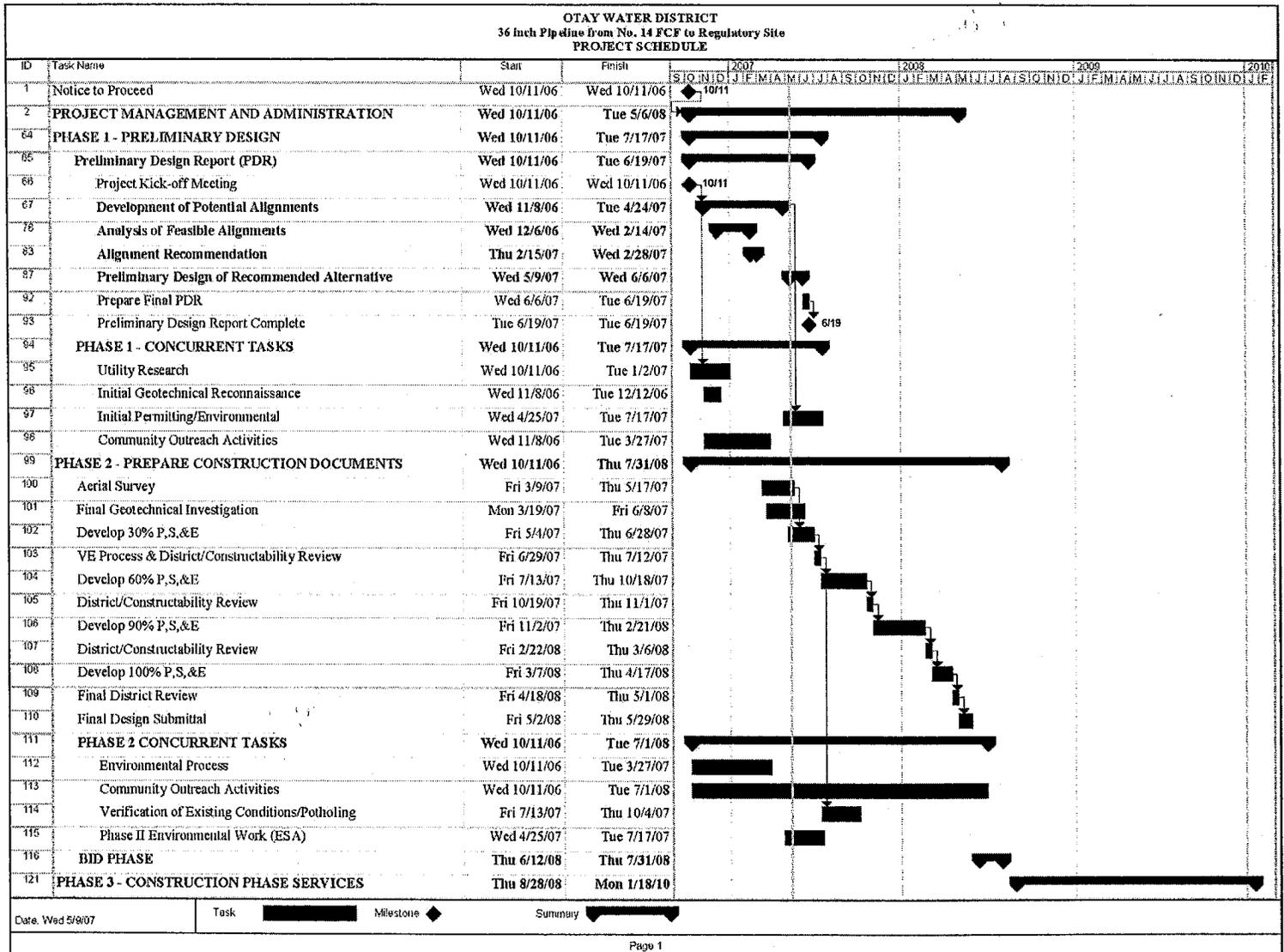
NOTE:

The "Committee Action" is written in anticipation of the Committee moving the item forward for Board approval. This report will be sent to the Board as a Committee approved item, or modified to reflect any discussion or changes as directed from the Committee prior to presentation to the full Board.



ATTACHMENT B

SUBJECT/PROJECT:	Update on the 36-Inch Pipeline, SDCWA Otay FCF No. 14 to the Regulatory Site Project (CIP P2009)
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ATTACHMENT C

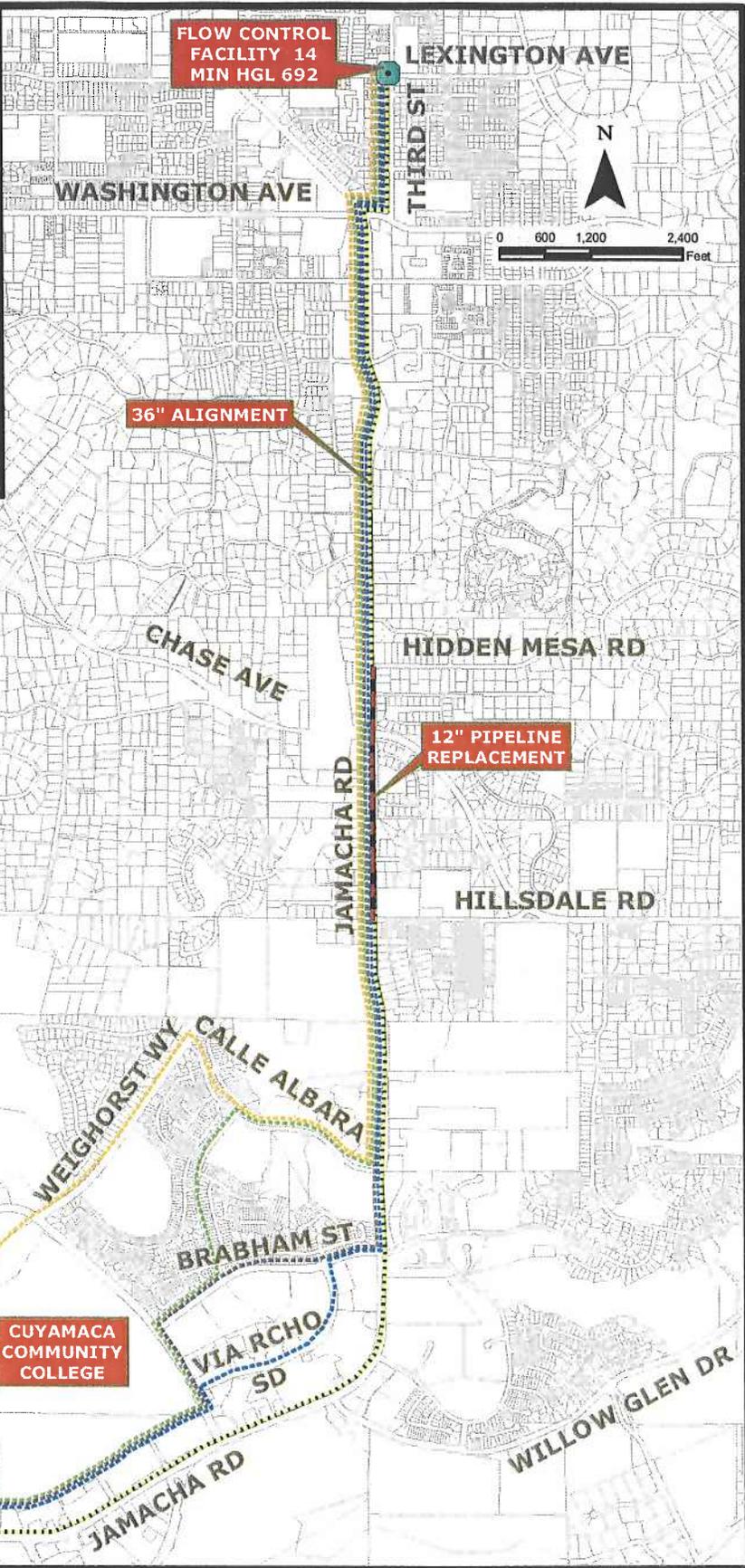
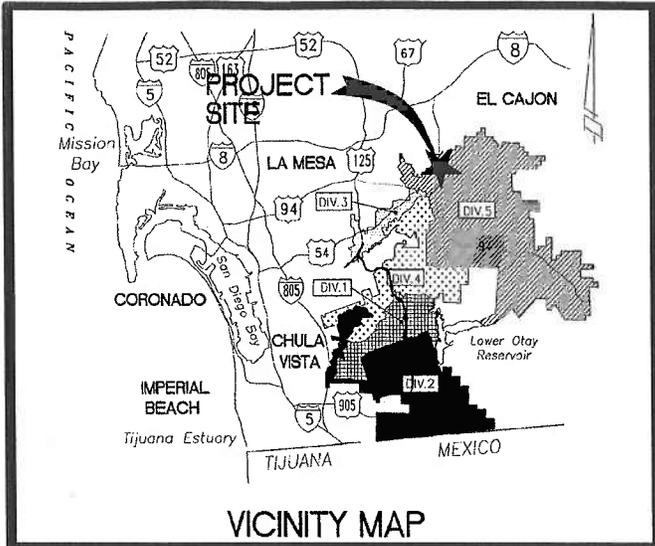
SUBJECT/PROJECT:	Update on the 36-Inch Pipeline, SDCWA Otay FCF No. 14 to the Regulatory Site Project (CIP P2009)
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Otay Water District

P2009 - 36-Inch Pipeline from SDCWA Otay FCF No. 14 to the Regulatory Site

Date Updated: May 09, 2007

<i>Budget</i>	<i>Committed</i>	<i>Expenditures</i>	<i>Outstanding Commitment & Forecast</i>	<i>Projected Final Cost</i>	<i>Vendor / Comments</i>
\$18,490,000					
Planning					
Labor	179,616	179,616	-	179,616	
Consultant Contract			-	-	
Printing	993	993	-	993	OCB REPROGRAHICS
Professional Legal Fees	5,595	5,595	-	5,595	BURKE WILLIAMS & SORENSEN
Service Contracts	398	398	-	398	UNION TRIBUNE
	858	858	-	858	SD DAILY TRANSCRIPT
	350	350	-	350	RYAN BETHKE
	705	705	-	705	OLLI BROS
Business Meetings	48	48	-	48	PETTY CASH
Subcontract	12,266	12,266	-	12,266	HELIX WATER DISTRICT
Temporary Labor	16	16	-	16	SEDONA STAFFING
Total Planning	\$ 200,845	\$ 200,845	\$ -	\$ 200,845	
Design					
Consultant Contract	1,333,808	142,431	1,191,377	1,333,808	INFRASTRUCTURE ENGINEERING
In House/Labor	72,454	72,454	345,219	417,673	
Consultant	99	99	-	99	PETTY CASH
Special Projects	48	48	-	48	SEDONA STAFFING
Meals and Incidentals	63	63	-	63	PETTY CASH
Advertising/Bid	87	87	-	87	SAN DIEGO DAILY TRANSCRIPT
Service Contracts	298	298	-	298	UNION TRIBUNE PUBLISHING CO
Value Engineering & Constructability Review	107,138	-	107,138	107,138	HARRIS & ASSOCIATES
Risk Assessment	-	-	20,000	20,000	
Easement Acquisition	-	-	400,000	400,000	
Total Design	\$ 1,513,994	\$ 215,479	\$ 2,063,734	\$ 2,279,213	
Construction					
In House/Labor	73	73	229,927	230,000	
Construction Contracts	-	-	14,076,942	14,076,942	
Construction Manager	-	-	900,000	900,000	
OWD to Pay CWA for FCF 14	700,000	-	700,000	700,000	
Accep/close-out	-	-	103,000	103,000	
Total Construction	\$ 700,073	\$ 73	\$ 16,009,869	\$ 16,009,942	
Grand Total	\$ 2,414,912	\$ 416,397	\$ 18,073,603	\$ 18,490,000	



- Legend**
- Alternative Alignment No. 1
 - Alternative Alignment No. 2
 - Alternative Alignment No. 3
 - Alternative Alignment No. 4
 - Alternative Alignment No. 5
 - 12" Pipeline Replacement

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OTAY WATER DISTRICT
 PIPELINE 36-INCH,
 SDCWA FCF NO. 14 TO REGULATORY SITE

CIP P2009

W.O. 30136

EXHIBIT A



AGENDA ITEM 8

STAFF REPORT

TYPE MEETING:	Committee Meeting	MEETING DATE:	May 23, 2007
SUBMITTED BY:	Rod Posada <i>R. Posada</i> Chief, Engineering	W.O./G.F. NO:	N/A
APPROVED BY:	Manny Magaña (Chief)	DIV. NO.	
	Assistant General Manager of Engineering and Operations		
APPROVED BY:	Mark Watton (Asst. GM):		
	General Manager		
SUBJECT:	Request by Sycuan Band of the Kumeyaay Nation to Annex into Otay Water District		

GENERAL MANAGER'S RECOMMENDATION:

That the Engineering, Operations and Water Resources Committee receives this report concerning the request by the Sycuan Band of the Kumeyaay Nation.

COMMITTEE ACTION:

Please see Attachment A.

PURPOSE:

This is an informational report to the Engineering, Operations and Water Resources Committee for the request by the Sycuan Band of the Kumeyaay Nation to annex/reorganize into the Otay Water District.

ANALYSIS:

The Sycuan Band of the Kumeyaay Nation (Nation) has approached Otay Water District (District) and is seeking its lands to be annexed into Otay Water District's Sphere of Influence. There are two potential annexations of the land owned by the Nation; reservation parcel consisting of 640 acres and the lands kept in trust by the Nation south and west of Dehesa Road, consisting of about 120 acres (See Exhibit A). Only a portion of the area to be annexed is owned by the Nation. The Nation wishes Otay to provide both potable water and sewer services.

The 640 acre reservation parcel is in a special study zone and not currently in Padre Dam's or Otay's sphere of influence. The annexation of the reservation lands will require a study and modification of Otay's sphere of influence. This same study would have been required if Padre Dam was to consider an annexation of the reservation. The other lands owned by the Nation and other property owners, that are within the sphere of influence of Padre Dam, LAFCO and CWA and which the Nation may desire to gain service from Otay would be "re-organized" to be within the District's boundary. To achieve the Nation's wishes, LAFCO approval would be necessary for both situations, which is a comprehensive process estimated to take approximately 24 months.

In addition, the Nation desires temporary water service, pending LAFCO process of the above noted action. District legal counsel is currently researching California law to facilitate such service and will report back to Committee.

The construction of various water and sewer facilities would be necessary to provide the services sought by the Nation. The facilities' needs will be a part of the Study.

Staff has sent the attached letter (Attachment B) to the Nation on May 10, 2007, informing them of the steps needed before we may proceed further with their request.

FISCAL IMPACT:

To be determined.

STRATEGIC GOAL:

This project supports the District's mission statement, "To provide safe, reliable water, recycled water and wastewater services to our community in an innovative, cost efficient, water wise and environmentally responsible manner" and the District's strategic goal, "To satisfy current and future water needs for potable, recycled, and wastewater services."

LEGAL IMPACT: _____

To be determined.



General Manager

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RP:jf

Attachments: Attachment A
Attachment B
Exhibit A



ATTACHMENT A

SUBJECT:	Request by Sycuan Band of the Kumeyaay Nation to Annex into Otay Water District
PROJECT:	N/A

COMMITTEE ACTION:

The Engineering, Operations and Water Resources Committee reviewed this item at a meeting held on May 23, 2007. The Committee supported Staff's recommendation.

NOTE:

The "Committee Action" is written in anticipation of the Committee moving the item forward for Board approval. This report will be sent to the Board as a Committee approved item, or modified to reflect any discussion or changes as directed from the Committee prior to presentation to the full Board.

ATTACHMENT B



...Dedicated to Community Service

2554 SWEETWATER SPRINGS BOULEVARD, SPRING VALLEY, CALIFORNIA 91978-2004
TELEPHONE: 670-2222, AREA CODE 619

www.otaywater.gov

May 10, 2007

Mr. Sid Morris
Planning Director
Sycuan Band of the Kumeyaay Nation
5459 Dehesa Road
El Cajon, CA. 92019

SUBJECT: Request to Annex/Reorganize Sycuan Band Reservation
into the Otay Water District

Dear Sid:

This letter is a follow-up to our meeting with Mike Ott from LAFCO concerning your request for annexation of the reservation land and the re-organization of the outlying reservation land into the Otay Water District (District). Potentially, the re-organization could include lands within the current Padre Dam Municipal Water District jurisdiction.

In the course of the meeting, several steps were identified that LAFCO will be looking for including Water and Sewer Master Plans, a Sphere of Influence update, service review, an annexation application and potentially a re-organization petition.

As a start to the process, the District will want your office to complete the SubArea Master Plan Report (SAMP) for water and sewer. I suggest that we schedule a meeting at the earliest convenient time to scope out the responsibilities, consultants required, and funding to move forward as rapidly as practical.

I know we are off to a good start and we will work together to keep a forward momentum. Please contact Rod Posada, Chief of Engineering, at (619) 670-2293, to set a time and place for our meeting.

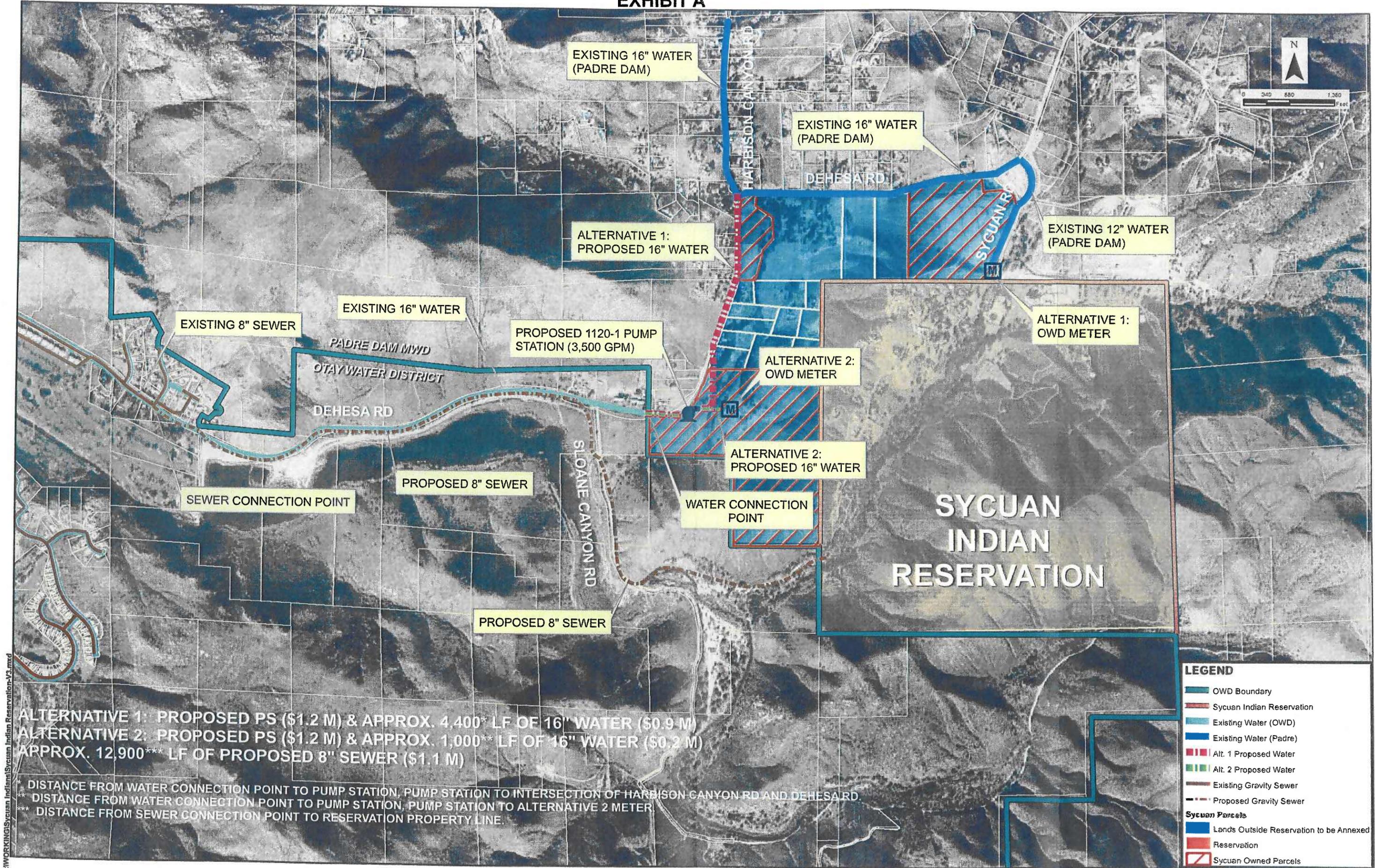
Sincerely,
OTAY WATER DISTRICT

Mark Watton
General Manager

MW:jf

cc: German Alvarez
Rod Posada
Yuri Calderon, Garcia Calderón Ruíz LLP

EXHIBIT A



ALTERNATIVE 1: PROPOSED PS (\$1.2 M) & APPROX. 4,400* LF OF 16" WATER (\$0.9 M)
 ALTERNATIVE 2: PROPOSED PS (\$1.2 M) & APPROX. 1,000** LF OF 16" WATER (\$0.2 M)
 APPROX. 12,900*** LF OF PROPOSED 8" SEWER (\$1.1 M)

* DISTANCE FROM WATER CONNECTION POINT TO PUMP STATION, PUMP STATION TO INTERSECTION OF HARBISON CANYON RD AND DEHESA RD.
 ** DISTANCE FROM WATER CONNECTION POINT TO PUMP STATION, PUMP STATION TO ALTERNATIVE 2 METER
 *** DISTANCE FROM SEWER CONNECTION POINT TO RESERVATION PROPERTY LINE.

- LEGEND**
- OWD Boundary
 - Sycuan Indian Reservation
 - Existing Water (OWD)
 - Existing Water (Padre)
 - Alt. 1 Proposed Water
 - Alt. 2 Proposed Water
 - Existing Gravity Sewer
 - Proposed Gravity Sewer
 - Sycuan Parcels**
 - Lands Outside Reservation to be Annexed
 - Reservation
 - Sycuan Owned Parcels

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AGENDA ITEM 9

STAFF REPORT

TYPE MEETING:	Regular Board	MEETING DATE:	June 6, 2007		
SUBMITTED BY:	William E. Granger, Water Conservation Manager	W.O./G.F. NO:	n/a	DIV. NO.	All
APPROVED BY:	Rom Sarno, Chief of Administrative Services				
APPROVED BY:	German Alvarez, Assistant General Manager of Finance and Administration				
SUBJECT:	Revisions to Section 27 of the District Code of Ordinances				

GENERAL MANAGER'S RECOMMENDATION:

That the Board adopt Ordinance 511, which amends Section 27 of the District's Code of Ordinances.

COMMITTEE ACTION: _____

See Attachment "A"

PURPOSE:

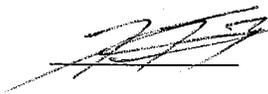
To adopt Ordinance 511, amending Section 27 of the District Code of Ordinances.

ANALYSIS:

The Governor signed AB 1881 into law on September 28, 2006. AB 1881 mandates that water agencies require dedicated water meters for new non-single family properties with at least 5,000 square feet of irrigated landscape beginning January 1, 2008. This revision to Section 27 will clarify the irrigation meter requirement placed upon non-single family accounts and allow for consistency in our irrigation meter requirements. Customers would still have the option of purchasing a separate irrigation meter for smaller landscape areas in order to reduce their sewer bills.

Two other changes are not linked to the requirement from AB 1881:

- (1) Section 27.02 E allows any customer the option to purchase and install a dedicated irrigation meter. This option has been requested by a number of customers as a way of lowering their sewer bills.
- (2) The updated maximum meter flow rates noted in Section 27 reflect current manufacture's specifications.

FISCAL IMPACT: 

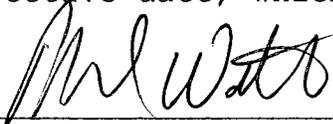
None

STRATEGIC GOAL:

As noted in the District's Strategic Plan, the District's primary water conservation performance measure is to increase its "Total Water Saved", and it is doing so through a variety of water conservation programs. Revisions to Section 27 would assist the District in managing its dedicated irrigation accounts.

LEGAL IMPACT: _____

The District will be in compliance with AB 1881 prior to its effective date, which is January 1, 2008.



General Manager

- Attachment "A": Committee Action
- Attachment "B": Ordinance 511
- Attachment "C": Proposed Section 27



ATTACHMENT A

SUBJECT/PROJECT:	Revisions to Section 27 of District Code of Ordinances
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COMMITTEE ACTION:

This item was presented to the Engineering Operations and Water Resources Committee on May 23, 2007 and the committee supported presentation to the full board.

NOTE:

The "Committee Action" is written in anticipation of the Committee moving the item forward for board approval. This report will be sent to the Board as a committee approved item, or modified to reflect any discussion or changes as directed from the committee prior to presentation to the full board.

ORDINANCE NO. 511

AN ORDINANCE OF THE BOARD OF DIRECTORS OF
THE OTAY WATER DISTRICT AMENDING
SECTION 27, REQUIREMENTS AND LIMITATIONS
FOR OBTAINING WATER SERVICE, OF THE
DISTRICT'S CODE OF ORDINANCES

BE IT ORDAINED BY THE Board of Directors of the Otay Water District that Section 27 of District's Codes of Ordinances be amended as follows (redline copy attached):

SECTION 27 REQUIREMENTS AND LIMITATIONS FOR OBTAINING WATER SERVICE

27.01 REQUIREMENT FOR WATER/SEWER PERMIT AND PAYMENT OF FEES, CHARGES, AND DEPOSITS

A. Requirement for Water/Sewer Permits. Water meters shall not be installed nor water service furnished until an application, in the form of a water/sewer permit, has been executed by the customer at the District office.

B. Requirement for Payment of Fees, Charges and Deposits. Payment of all required fees, charges and deposits shall be made by the customer at the time the water meter is purchased. A customer requesting water service shall pay the fees, charges, and deposits as set forth in Section 28 of this Code.

C. Requirement for a Building Permit. A customer requesting permanent water service shall be required to present a valid building permit for the property issued by the appropriate governmental agency, except that a building permit is not required by a customer requesting permanent water service to: 1) install and maintain landscaping prior to the construction of a building; 2) perform mass grading operations; or 3) to satisfy conditions imposed by other government agencies, including a single meter for grading for four lots or less which are part of the same parcel map. Government agencies shall be exempt from the requirement of presenting a valid building permit.

D. Requirement for a Service Lateral. The customer requesting water service shall either have an existing service lateral or purchase a new lateral installation at the time of the meter purchase.

E. Commercial Parcels - 5,000 square feet or Larger Irrigated Landscape. When a customer requests water service on a parcel of land with irrigated landscape equal to 5,000 square feet or more, a separate meter will be required for irrigation purposes on the site.

F. Reclaimed Water Service Areas. In areas designated as reclaimed water service areas, the customer shall be required to install a separate reclaimed water service lateral and meter to supply irrigation to the parcel.

G. Second Meter For Indoor Use. Any customer who obtained a single meter prior to October 17, 1990, a second meter for indoor use may be obtained, without paying water capacity fees, San Diego County Water Authority fees and applicable zone charges on the second meter, if the following criteria are met:

1. The additional meter is solely for the purpose of isolating current domestic (indoor) water use from that used for outdoor landscaping. The additional meter shall be on a separate lateral.

2. All costs of on-site plumbing changes, including approved back-flow prevention devices, will be the responsibility of the customer.

3. The resulting landscape dedicated meter will be subject to monthly water allotments under the District's Water Efficient Landscape Irrigation Program pursuant to Section 25 of the Code.

4. The customer acknowledges that adding a second meter will result in a second water bill and associated monthly system fee.

5. The customer will be required to pay all fees and charges prior to meter installation.

27.02

SIZE OF WATER METER

A water meter shall be sized to insure that the maximum demand (in gallons per minute) will be no more than 80% of the manufacturer's recommended maximum flow rate, as shown in Section 27.03. In no case shall the water meter size be less than $\frac{3}{4}$ -inch. The size of the water meter and service lateral required for water service shall be determined by the General Manager as follows:

A. Detached Single-Family Residential Dwelling Unit. The customer may submit calculated maximum demand (in gallons per minute), provided that maximum demand must be more than twenty four (24) gallons per minute.

B. Apartments, Condominiums, Mobile Home Parks and other Multiple Family Residential Dwelling Units with Individual Meters. The calculated maximum demand shall be per Section 27.02A.

C. Business, Commercial, Industrial, Apartments, Condominiums, Mobile Home Parks and other Multiple-Family Residential Dwelling Units. The customer shall submit building plans signed by a licensed building architect. The plans shall list the number of fixture units, the parcel size (in acres), and the calculated maximum demand (in gallons per minute) to be placed on each water meter.

D. Irrigation. The customer shall submit irrigation plans signed by a licensed landscape architect. The plans shall indicate the calculated maximum demand (in gallons per minute) to be placed on each water meter and the total area to be irrigated (in square feet).

E. Other. In the case of other types of service not included above, the customer shall submit information as requested by the General Manager. Any customer may request and purchase a separate meter to isolate landscaping from indoor use.

F. Requirement for Multiple Meters. The General Manager may require multiple meters when it is in the best interest of the District.

27.03 MANUFACTURERS RECOMMENDED MAXIMUM FLOW RATE FOR DISTRICT METERS

Customers are cautioned to control the rates of flow of water through District meters. Operation of a meter at flows in excess of the manufacturer's recommendations will cause severe damage to operating parts. Rated capacities for meters used in this District are as follows:

ORDINARY METERS

<u>Meter Size</u> <u>In Inches</u>	<u>Manufacturer's Recommended</u> <u>Maximum Rate in U. S. Gallons</u> <u>per Minute</u>
3/4	30
1	50
1-1/2	100
2	160
3	530
4	1350
6	2700
8	3500
10	6500

COMPOUND METERS

(Multi-family, Appartments etc.)

2	285
3	480
4	750
6	1700

27.04 USE OF SUBMETERS FOR RESALE OR DISTRIBUTION OF WATER

Owners or operators of mobile home parks, apartments, condominium complexes, industrial complexes and land used for agricultural purposes may resell water furnished by the District through the use of a submetering system under the following conditions: (1) owners and operators shall comply with State law (California Code of Regulations Section 4090) prohibiting any surcharge on the water rate; (2) the water system on the private property side of the master meter, including the submeters, shall be solely the responsibility of the owner or operator; and (3) the owner or operator shall clearly delineate on the bill that any cost associated with the submeters is a cost imposed by the property owner or operator and not by Otay Water District.

Effective Date. This ordinance shall become effective upon adoption.

PASSED, APPROVED AND ADOPTED BY THE Board of Directors of the Otay Water District at a regular meeting duly held this 7th day of June, 2007, by the following roll call vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

President

ATTEST:

Secretary

SECTION 27 REQUIREMENTS AND LIMITATIONS FOR OBTAINING WATER SERVICE

27.01 REQUIREMENT FOR WATER/SEWER ORDER PERMIT AND PAYMENT OF FEES, CHARGES, AND DEPOSITS

A. Requirement for Water/Sewer Order-Permits. Water meters shall not be installed nor water service furnished until an application, in the form of a water/sewer ~~order~~permit, has been executed by the customer at the District office.

B. Requirement for Payment of Fees, Charges and Deposits. Payment of all required fees, charges and deposits shall be made by the customer at the time the water meter is purchased. A customer requesting water service shall pay the fees, charges, and deposits as set forth in Section 28 of this Code.

C. Requirement for a Building Permit. A customer requesting permanent water service shall be required to present a valid building permit for the property issued by the appropriate governmental agency, except that a building permit is not required by a customer requesting permanent water service to: 1) install and maintain landscaping prior to the construction of a building; 2) perform mass grading operations; or 3) to satisfy conditions imposed by other government agencies, including a single meter for grading for four lots or less which are part of the same parcel map. Government agencies shall be exempt from the requirement of presenting a valid building permit.

D. Requirement for a Service Lateral. The customer requesting water service shall either have an existing service lateral or purchase a new lateral installation at the time of the meter purchase.

E. Commercial Parcels ~~One Acre~~ 5,000 square feet or Larger. Irrigated Landscape. When a customer requests water service on a parcel of land ~~one acre~~with irrigated landscape equal to 5,000 square feet or more in size, a separate meter ~~shall~~will be required for irrigation purposes on the site.

F. Reclaimed Water Service Areas. In areas designated as reclaimed water service areas, the customer shall be required to install a separate reclaimed water service lateral and meter to supply irrigation to the parcel.

G. Second Meter For Indoor Use. ~~For customers~~ Any customer who obtained a single meter prior to October 17, 1990, a second meter for indoor use may be obtained, without paying water capacity fees, San Diego County Water Authority fees and applicable zone charges on the second meter, if the following criteria are met:

1. The additional meter is solely for the purpose of isolating current domestic (indoor) water use from that used for outdoor landscaping. The additional meter shall be on a separate lateral.

2. All costs of on-site plumbing changes, including approved back-flow prevention devices, will be the responsibility of the customer.

3. The resulting landscape dedicated meter will be subject to monthly water allotments under the District's Water Efficient Landscape Irrigation Program pursuant to Section 25 of the Code.

4. The customer acknowledges that adding a second meter will result in a second water bill and associated monthly system fee.

5. The customer will be required to pay all fees and charges prior to meter installation.

27.02

SIZE OF WATER METER

A water meter shall be sized to insure that the maximum demand (in gallons per minute) will be no more than 80% of the manufacturer's recommended maximum flow rate, as shown in Section 27.03. In no case shall the water meter size be less than $\frac{3}{4}$ -inch. The size of the water meter and service lateral required for water service shall be determined by the General Manager as follows:

— A. Detached Single-Family Residential Dwelling Unit. The customer may submit calculated maximum demand (in gallons per minute), ~~however the provided that maximum demand shall be at least~~ must be more than twenty four (24) gallons per minute.

B. Apartments, Condominiums, Mobile Home Parks and other Multiple Family Residential Dwelling Units with Individual Meters. The calculated ~~Maximum Demand~~ maximum demand shall be per Section 27.02A.

C. Business, Commercial, Industrial, Apartments, Condominiums, Mobile Home Parks and other Multiple-Family Residential Dwelling Units. The customer shall submit building plans signed by a licensed building architect. The plans shall list the number of fixture units, the parcel size (in acres), and the calculated maximum demand (in gallons per minute) to be placed on each water meter.

— D. Irrigation. The customer shall submit irrigation plans signed by a licensed landscape architect. The plans shall indicate the calculated maximum demand (in gallons per minute) to be placed on each water meter and the total area to be irrigated (in square feet).

— E. Other. In the case of other types of service not included above, the customer shall submit information as requested by the General Manager. Any customer may request and purchase a separate meter to isolate landscaping from indoor use.

F. Requirement for Multiple Meters. The General Manager may require multiple meters when it is in the best interest of the District.

27.03

MANUFACTURERS RECOMMENDED MAXIMUM FLOW RATE FOR DISTRICT METERS

Customers are cautioned to control the rates of flow of water through District meters. Operation of a meter at flows in excess of the manufacturer's recommendations will cause severe damage to operating parts. Rated capacities for meters used in this District are as follows:

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1	50
1-1/2	100
2	160
3	350 530
4	1000 1350
6	2000 2700
8	3500
10	5500 6500

COMPOUND METERS
(Multi-family, Appartments etc.)

2	160 285
3	320 480
4	500 750
6	1000 1700

27.04 USE OF SUBMETERS FOR RESALE OR DISTRIBUTION OF WATER

Owners or operators of mobile home parks, apartments, condominium complexes, industrial complexes and land used for agricultural purposes may resell water furnished by the District through the use of a submetering system under the following conditions: (1) owners and operators shall comply with State law (California Code of Regulations Section 4090) prohibiting any surcharge on the water rate; (2) the water system on the private property side of the master meter, including the submeters, shall be solely the responsibility of the owner or operator; and (3) the owner or operator shall clearly delineate on the bill that any cost associated with the submeters is a cost imposed by the property owner or operator and not by Otay Water District.

(Ord. 367, 10/17/1990; 424, 12/1/1993; 473, 12/16/1998; 511, 06/7/070

SECTION 27

REQUIREMENTS AND LIMITATIONS FOR
OBTAINING WATER SERVICE

27.01

REQUIREMENT FOR WATER/SEWER PERMIT AND
PAYMENT OF FEES, CHARGES, AND DEPOSITS

A. Requirement for Water/Sewer Permits. Water meters shall not be installed nor water service furnished until an application, in the form of a water/sewer permit, has been executed by the customer at the District office.

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D. Requirement for a Service Lateral. The customer requesting water service shall either have an existing service lateral or purchase a new lateral installation at the time of the meter purchase.

E. Commercial Parcels - 5,000 square feet or Larger Irrigated Landscape. When a customer requests water service on a parcel of land with irrigated landscape equal to 5,000 square feet or more, a separate meter will be required for irrigation purposes on the site.

F. Reclaimed Water Service Areas. In areas designated as reclaimed water service areas, the customer shall be required to install a separate reclaimed water service lateral and meter to supply irrigation to the parcel.

G. Second Meter For Indoor Use. Any customer who obtained a single meter prior to October 17, 1990, a second meter for indoor use may be obtained, without paying water capacity fees, San Diego County Water Authority fees and applicable zone charges on the second meter, if the following criteria are met:

1. The additional meter is solely for the purpose of isolating current domestic (indoor) water use from that used for outdoor landscaping. The additional meter shall be on a separate lateral.

2. All costs of on-site plumbing changes, including approved back-flow prevention devices, will be the responsibility of the customer.

3. The resulting landscape dedicated meter will be subject to monthly water allotments under the District's Water Efficient Landscape Irrigation Program pursuant to Section 25 of the Code.

4. The customer acknowledges that adding a second meter will result in a second water bill and associated monthly system fee.

5. The customer will be required to pay all fees and charges prior to meter installation.

27.02

SIZE OF WATER METER

A water meter shall be sized to insure that the maximum demand (in gallons per minute) will be no more than 80% of the manufacturer's recommended maximum flow rate, as shown in Section 27.03. In no case shall the water meter size be less than ¾-inch. The size of the water meter and service lateral required for water service shall be determined by the General Manager as follows:

A. Detached Single-Family Residential Dwelling Unit. The customer may submit calculated maximum demand (in gallons per minute), provided that maximum demand must be more than twenty four (24) gallons per minute.

B. Apartments, Condominiums, Mobile Home Parks and other Multiple Family Residential Dwelling Units with Individual Meters. The calculated maximum demand shall be per Section 27.02A.

C. Business, Commercial, Industrial, Apartments, Condominiums, Mobile Home Parks and other Multiple-Family Residential Dwelling Units. The customer shall submit building plans signed by a licensed building architect. The plans shall list the number of fixture units, the parcel size (in acres), and the calculated maximum demand (in gallons per minute) to be placed on each water meter.

D. Irrigation. The customer shall submit irrigation plans signed by a licensed landscape architect. The plans shall indicate the calculated maximum demand (in gallons per minute) to be placed on each water meter and the total area to be irrigated (in square feet).

E. Other. In the case of other types of service not included above, the customer shall submit information as requested by the General Manager. Any customer may request and purchase a separate meter to isolate landscaping from indoor use.

F. Requirement for Multiple Meters. The General Manager may require multiple meters when it is in the best interest of the District.

27.03 MANUFACTURERS RECOMMENDED MAXIMUM FLOW RATE FOR DISTRICT METERS

Customers are cautioned to control the rates of flow of water through District meters. Operation of a meter at flows in excess of the manufacturer's recommendations will cause severe damage to operating parts. Rated capacities for meters used in this District are as follows:

ORDINARY METERS

<u>Meter Size Recommended</u> <u>In Inches</u>	<u>Manufacturer's</u> <u>Maximum Rate in U. S. Gallons</u> <u>per Minute</u>
3/4	30
1	50
1-1/2	100
2	160
3	530
4	1350
6	2700
8	3500
10	6500

COMPOUND METERS

(Multi-family, Appartments etc.)

2	285
3	480
4	750
6	1700

27.04 USE OF SUBMETERS FOR RESALE OR DISTRIBUTION OF WATER

Owners or operators of mobile home parks, apartments, condominium complexes, industrial complexes and land used for agricultural purposes may resell water furnished by the District through the use of a submetering system under the following conditions: (1) owners and operators shall comply with State law (California Code of Regulations Section

4090) prohibiting any surcharge on the water rate; (2) the water system on the private property side of the master meter, including the submeters, shall be solely the responsibility of the owner or operator; and (3) the owner or operator shall clearly delineate on the bill that any cost associated with the submeters is a cost imposed by the property owner or operator and not by Otay Water District.

(Ord. 367, 10/17/1990; 424, 12/1/1993; 473, 12/16/1998; 511, 06/06/2007)