

# Otay Water District Proposed Operating and Capital Budget

*Fiscal Year 2008-2009*



*Spring Valley, California*





# Preliminary Operating and Capital Budget

***Fiscal Year 2008-2009***

## *Board of Directors*

Gary Croucher - President, Division 3  
Jose Lopez - Vice President, Division 4  
Jaime Bonilla - Treasurer, Division 2  
Larry Breitfelder - Division 1  
Mark Robak - Division 5



640-1 and 640-2 Reservoirs Project under construction - October 2007

## *Management*

Mark Watton - General Manager  
German Alvarez - Assistant General Manager, Finance and Administration  
Manny Magana - Assistant General Manager, Engineering and Operations  
Joseph R. Beachem - Chief Financial Officer





# Financial Summaries

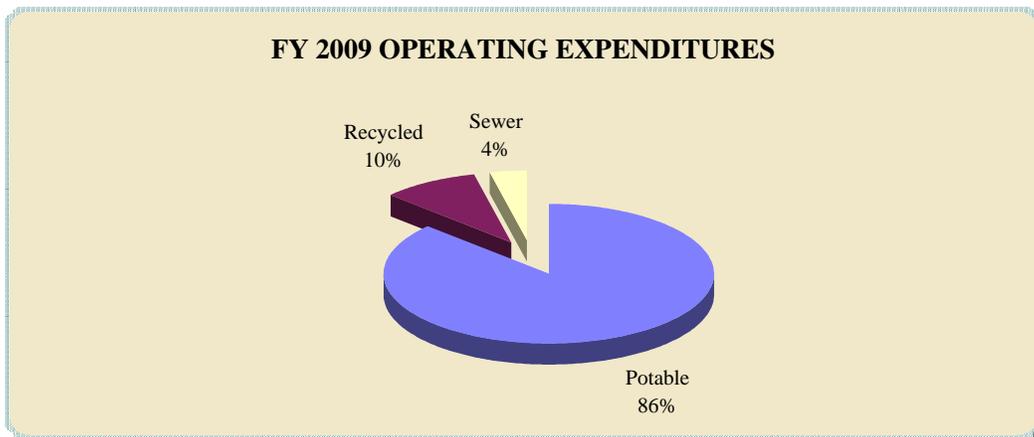


## OPERATING BUDGET SUMMARY - GENERAL FUND

	FY 2007 Actual	FY 2008 Budget	FY 2009 Budget	Budget Variance	Variance %
<b>REVENUES</b>					
Potable Water Sales	\$ 44,112,749	\$ 47,506,500	\$ 48,657,500	\$ 1,151,000	2.4%
Recycled Water Sales	4,492,858	6,001,400	6,298,100	296,700	4.9%
Sewer Revenues	2,577,993	2,679,100	2,145,300	(533,800)	(19.9%)
Meter Fees	246,539	318,500	103,800	(214,700)	(67.4%)
Capacity Fee Revenues	1,536,911	1,414,500	1,301,900	(112,600)	(8.0%)
Betterment Fees for Maintenance	-	73,300	895,900	822,600	1,122.2%
Annexation Fees	2,119,886	1,464,500	483,600	(980,900)	(67.0%)
Tax Revenues	3,646,158	4,003,800	4,137,300	133,500	3.3%
Non-operating Revenues	2,068,134	1,680,200	1,633,100	(47,100)	(2.8%)
Interest	1,173,649	1,038,700	666,400	(372,300)	(35.8%)
General Fund Draw Down	-	-	120,100	120,100	100.0%
<b>TOTAL REVENUES</b>	<b>61,974,877</b>	<b>66,180,500</b>	<b>66,443,000</b>	<b>262,500</b>	<b>0.4%</b>
<b>EXPENDITURES</b>					
Potable Water Purchases	21,562,502	23,984,100	24,880,300	896,200	3.7%
Recycled Water Purchases	1,829,476	1,423,000	1,452,700	29,700	2.1%
CWA - Infrastructure Access Charge	1,003,927	1,090,200	1,216,800	126,600	11.6%
CWA - Customer Service Charge	846,505	950,400	1,050,000	99,600	10.5%
CWA - Emergency Storage Charge	1,230,830	1,507,800	1,774,800	267,000	17.7%
MWD - Capacity Reservation Charge	530,708	569,400	595,700	26,300	4.6%
MWD - Net RTS and Standby Charge	512,206	552,600	614,400	61,800	11.2%
Subtotal - Water Costs	27,516,154	30,077,500	31,584,700	1,507,200	5.0%
Power	2,489,977	2,804,800	2,780,500	(24,300)	(0.9%)
Labor and Benefits	15,232,922	15,604,500	17,185,400	1,580,900	10.1%
Administrative Expenses	5,467,656	6,982,300	5,935,100	(1,047,200)	(15.0%)
Materials & Maintenance	3,701,221	4,452,900	3,872,800	(580,100)	(13.0%)
Expansion Reserve	-	2,590,200	4,810,000	2,219,800	85.7%
Betterment Reserve	-	225,000	-	(225,000)	(100.0%)
Replacement Reserve	6,657,369	3,443,300	274,500	(3,168,800)	(92.0%)
<b>TOTAL EXPENDITURES</b>	<b>61,065,300</b>	<b>66,180,500</b>	<b>66,443,000</b>	<b>262,500</b>	<b>0.4%</b>
<b>EXCESS REVENUES (EXPENSE)</b>	<b>\$ 909,576</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.0%</b>

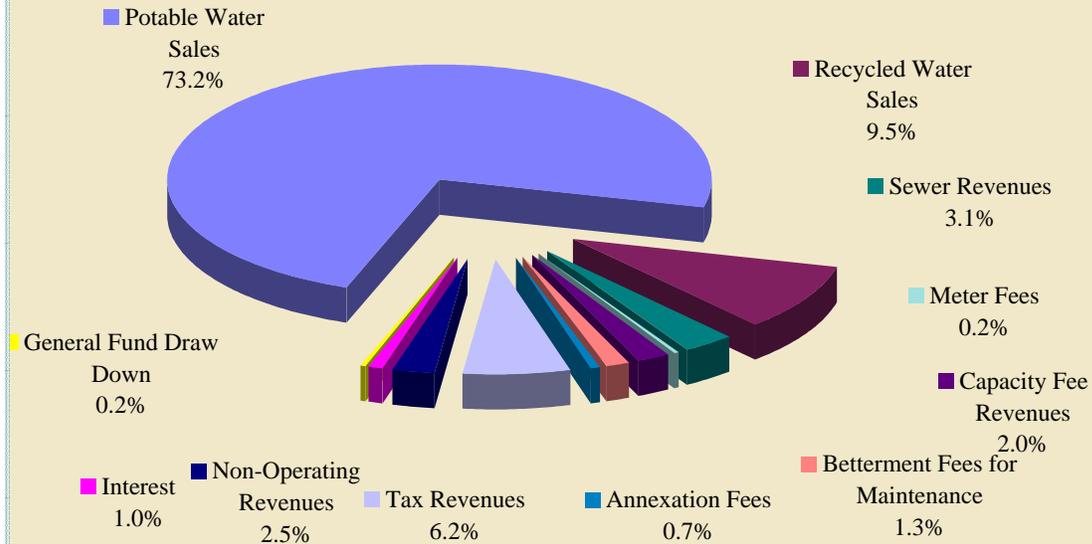
## FY 2009 OPERATING BUDGET SUMMARY BY BUSINESS

	Potable	Recycled	Sewer	Total
<b>REVENUES</b>				
Water Sales	\$ 48,657,500	\$ -	\$ -	\$ 48,657,500
Recycled Water Sales	-	6,298,100	-	6,298,100
Sewer Revenues	-	-	2,145,300	2,145,300
Meter Fees	92,400	11,400	-	103,800
Capacity Fee Revenues	1,301,900	-	-	1,301,900
Betterment Fees for Maintenance	895,900	-	-	895,900
Annexation Fees	483,600	-	-	483,600
Tax Revenues	4,080,900	-	56,400	4,137,300
Non-operating Revenues	1,606,700	-	26,400	1,633,100
Interest	581,200	24,500	60,700	666,400
General Fund Draw Down	-	-	120,100	120,100
<b>TOTAL REVENUES</b>	<b>57,700,100</b>	<b>6,334,000</b>	<b>2,408,900</b>	<b>66,443,000</b>
<b>EXPENDITURES</b>				
Water Purchases (CWA)	24,880,300	1,432,900	-	26,313,200
Water Purchases (CSD)	-	19,800	-	19,800
CWA - Infrastructure Access Charge	1,216,800	-	-	1,216,800
CWA - Customer Service Charge	1,050,000	-	-	1,050,000
CWA - Emergency Storage Charge	1,774,800	-	-	1,774,800
MWD - Capacity Reservation Charge	595,700	-	-	595,700
MWD - Net RTS and Standby Charges	614,400	-	-	614,400
Subtotal - Water Costs	30,132,000	1,452,700	-	31,584,700
Power	2,216,100	466,800	97,600	2,780,500
Labor and Benefits	15,400,300	1,143,100	642,000	17,185,400
Administrative Expenses	5,433,300	346,500	155,300	5,935,100
Materials & Maintenance	2,133,400	225,400	1,514,000	3,872,800
Expansion Reserve	2,385,000	2,425,000	-	4,810,000
Replacement Reserve	-	274,500	-	274,500
<b>TOTAL EXPENDITURES</b>	<b>57,700,100</b>	<b>6,334,000</b>	<b>2,408,900</b>	<b>66,443,000</b>
<b>EXCESS REVENUES</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

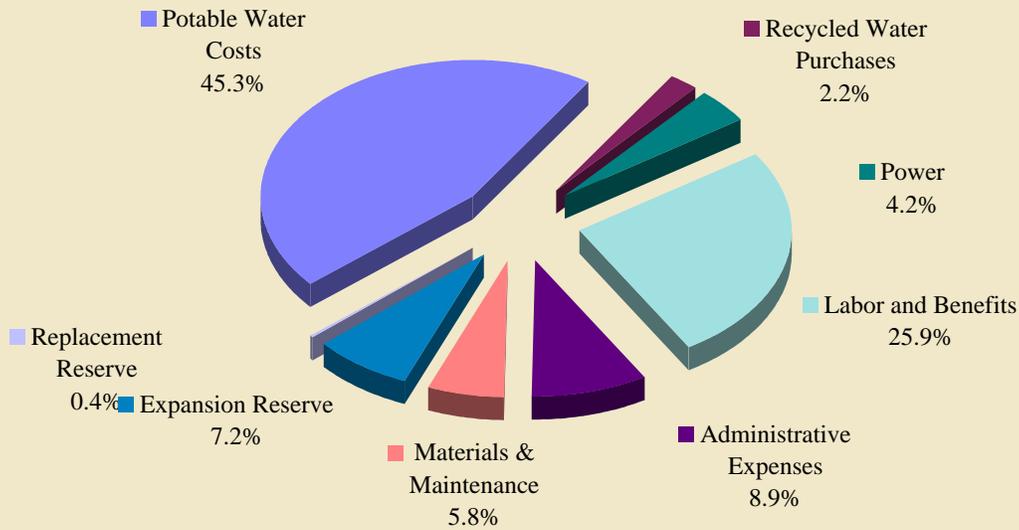


# OPERATING REVENUES & EXPENDITURES

## FY 2009 OPERATING REVENUES



## FY 2009 OPERATING EXPENDITURES



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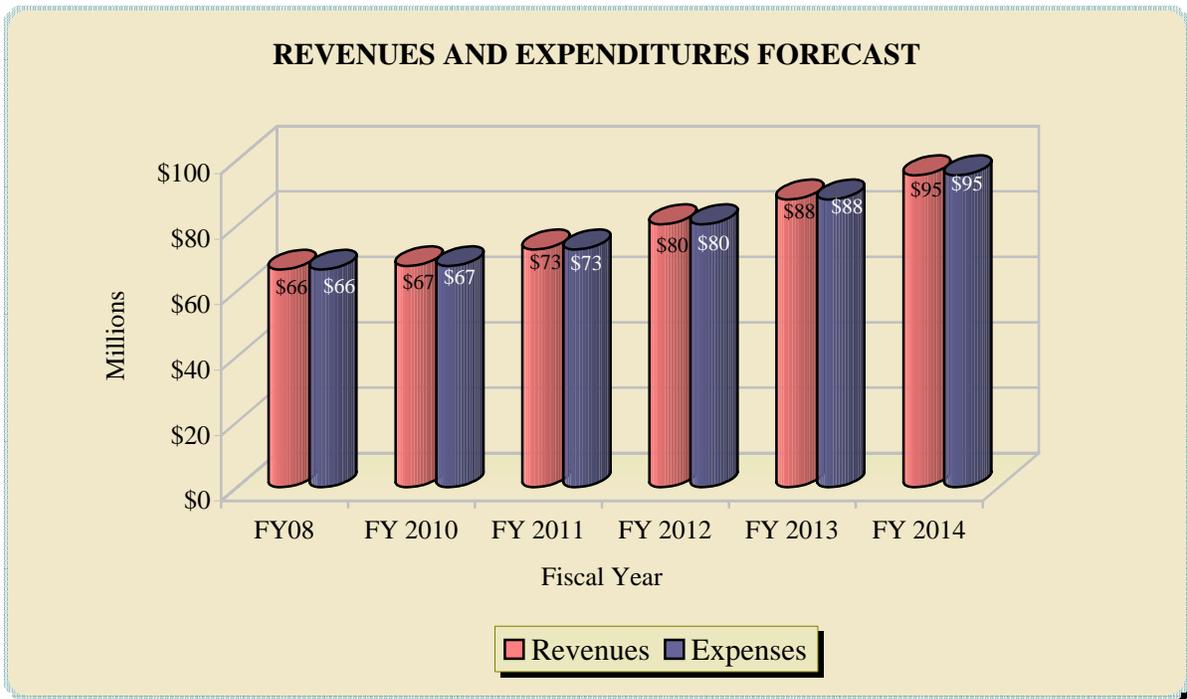


# Five-Year Forecast



## GENERAL FUND FORECAST - FY 2010 THROUGH FY 2014

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



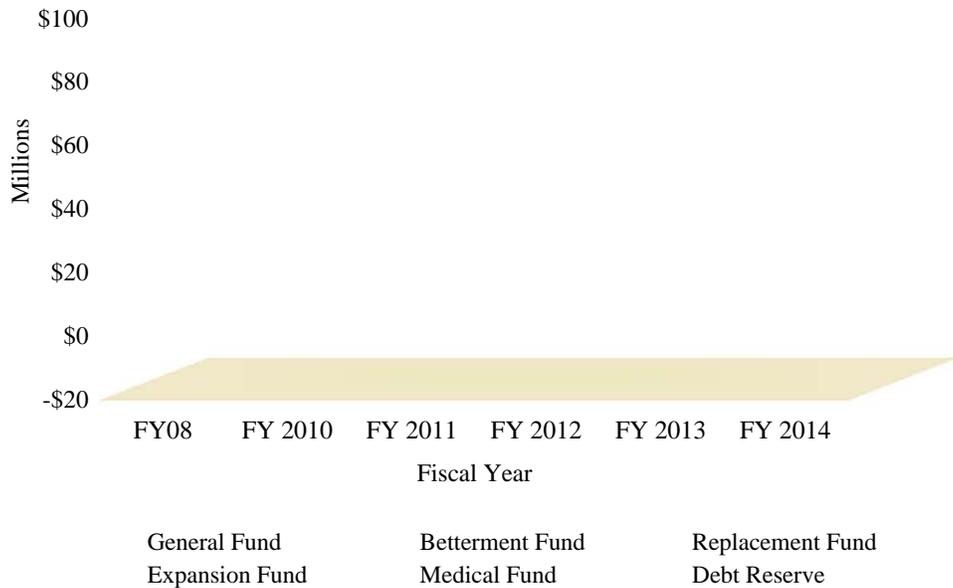
Revenues	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Water/Sewer Rates	\$ 57,100,900	\$ 58,034,000	\$ 62,414,300	\$ 68,673,500	\$ 74,749,000	\$ 81,451,100
Meter Fees	103,800	140,300	244,500	442,400	624,800	676,000
Capacity Fee Revenues	1,301,900	1,308,400	1,321,500	1,334,700	1,348,000	1,361,500
Betterment Fees	895,900	907,700	901,400	923,900	947,100	970,900
Annexation Fees	483,600	643,800	1,087,100	1,990,000	2,857,300	3,138,000
Non-operating Revenues	1,633,100	1,662,000	1,693,200	1,728,700	1,768,000	1,808,600
Tax Revenues	4,137,300	4,237,800	4,360,900	4,533,000	4,750,200	4,979,600
Interest Income	666,400	419,100	481,100	604,200	760,000	829,300
General Fund Draw Down	120,100	139,400	94,500	76,100	45,900	31,000
<b>TOTAL</b>	<b>\$ 66,443,000</b>	<b>\$ 67,492,500</b>	<b>\$ 72,598,500</b>	<b>\$ 80,306,500</b>	<b>\$ 87,850,300</b>	<b>\$ 95,246,000</b>

Expenditures and Transfers	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Water Cost	\$ 31,584,700	\$ 32,311,900	\$ 33,697,700	\$ 36,872,700	\$ 40,186,300	\$ 42,917,100
Power	2,780,500	2,726,500	2,758,900	2,926,400	3,129,000	3,353,000
Labor and Benefits	17,185,400	18,046,800	18,950,800	19,834,600	20,847,600	21,985,200
Administrative Expenses	5,935,100	6,407,700	6,579,000	6,756,900	6,937,400	7,121,100
Materials & Maintenance	3,872,800	3,996,000	4,130,900	4,331,500	4,542,700	4,764,800
Fund Transfers, Net	5,084,500	4,003,600	6,481,200	9,584,400	12,207,300	15,104,800
<b>TOTAL</b>	<b>\$ 66,443,000</b>	<b>\$ 67,492,500</b>	<b>\$ 72,598,500</b>	<b>\$ 80,306,500</b>	<b>\$ 87,850,300</b>	<b>\$ 95,246,000</b>

<b>Excess Revenues</b>	<b>\$ -</b>					
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Fund	Year-End Forecast Balances					
	FY 2009	FY 2010 *	FY 2011	FY 2012 *	FY 2013	FY 2014 *
General Fund	\$ 15,614,400	\$ 15,854,400	\$ 16,702,800	\$ 18,425,900	\$ 20,337,500	\$ 21,961,400
Betterment Fund	999,100	769,600	1,280,900	1,375,500	1,234,700	1,504,000
Replacement Fund	23,428,000	28,844,200	25,440,900	33,408,600	33,679,900	41,326,500
Expansion Fund	10,998,400	16,686,000	9,791,900	20,781,400	15,148,800	22,604,800
Medical Fund	9,144,900	7,237,200	5,024,200	2,522,100	187,300	(16,300)
Debt Reserve	1,401,100	1,297,600	1,117,000	987,600	617,800	233,300
<b>TOTAL</b>	<b>\$ 61,585,900</b>	<b>\$ 70,689,000</b>	<b>\$ 59,357,700</b>	<b>\$ 77,501,100</b>	<b>\$ 71,206,000</b>	<b>\$ 87,613,700</b>

### FUND BALANCES FORECAST



\* Increase due to bond issuance in FY 2010, FY 2012 and FY 2014



# Revenues and Expenditures



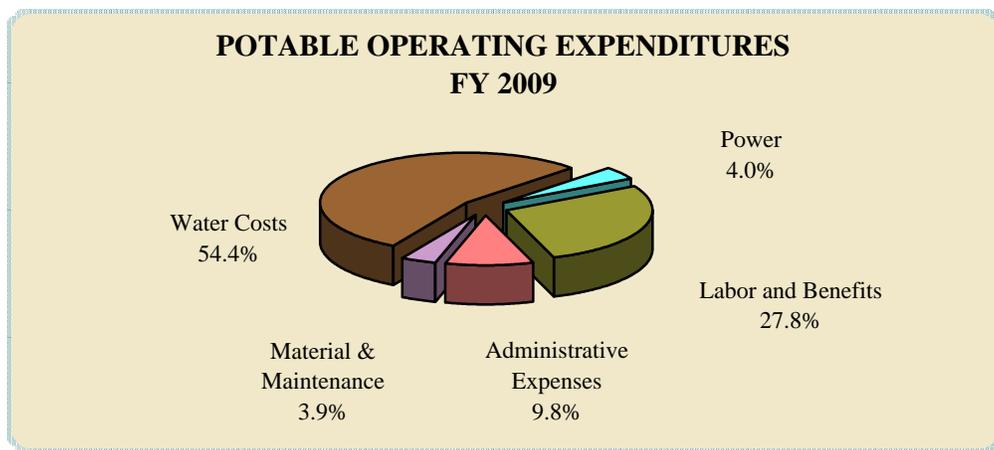
**Potable Revenues  
and  
Expenditures**





## OPERATING BUDGET SUMMARY - POTABLE

	FY 2007 Actual	FY 2008 Budget	FY 2009 Budget	Budget Variance	Variance %
<b>REVENUES</b>					
Water Sales	\$ 44,112,749	\$ 47,506,500	\$ 48,657,500	\$ 1,151,000	2.4%
Meter Fees	196,259	294,400	92,400	(202,000)	(68.6%)
Capacity Fee Revenues	1,430,092	1,414,500	1,301,900	(112,600)	(8.0%)
Betterment Fees for Maintenance	-	73,300	895,900	822,600	1,122.2%
Annexation Fees	2,119,886	1,464,500	483,600	(980,900)	(67.0%)
Tax Revenues	3,593,168	3,952,500	4,080,900	128,400	3.2%
Non-operating Revenues	2,066,796	1,679,200	1,606,700	(72,500)	(4.3%)
Interest	955,451	851,700	581,200	(270,500)	(31.8%)
<b>TOTAL REVENUES</b>	<b>54,474,400</b>	<b>57,236,600</b>	<b>57,700,100</b>	<b>463,500</b>	<b>0.8%</b>
<b>EXPENDITURES</b>					
Water Purchases (CWA)	19,970,363	21,123,300	24,880,300	3,757,000	17.8%
Water Purchases (CSD)	1,595,019	2,860,800	-	(2,860,800)	(100.0%)
Tier II Purchases	(2,880)	-	-	-	0.0%
CWA - Infrastructure Access Charge	1,003,927	1,090,200	1,216,800	126,600	11.6%
CWA - Customer Service Charge	846,505	950,400	1,050,000	99,600	10.5%
CWA - Emergency Storage Charge	1,230,830	1,507,800	1,774,800	267,000	17.7%
MWD - Capacity Reservation Charge	530,708	569,400	595,700	26,300	4.6%
MWD - Net RTS and Standby Charges	512,206	552,600	614,400	61,800	11.2%
Subtotal - Water Costs	25,686,678	28,654,500	30,132,000	1,477,500	5.2%
Power	1,987,186	2,208,100	2,216,100	8,000	0.4%
Labor and Benefits	14,109,003	13,876,500	15,400,300	1,523,800	11.0%
Administrative Expenses	5,154,135	6,521,500	5,433,300	(1,088,200)	(16.7%)
Material & Maintenance	2,543,968	2,768,100	2,133,400	(634,700)	(22.9%)
Expansion Reserve	-	-	2,385,000	2,385,000	100.0%
Replacement Reserve	4,993,429	3,207,900	-	(3,207,900)	(100.0%)
<b>TOTAL EXPENDITURES</b>	<b>54,474,400</b>	<b>57,236,600</b>	<b>57,700,100</b>	<b>463,500</b>	<b>0.8%</b>
<b>EXCESS REVENUES (EXPENSES)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.0%</b>



## CLASSIFICATION OF WATER SALES - POTABLE

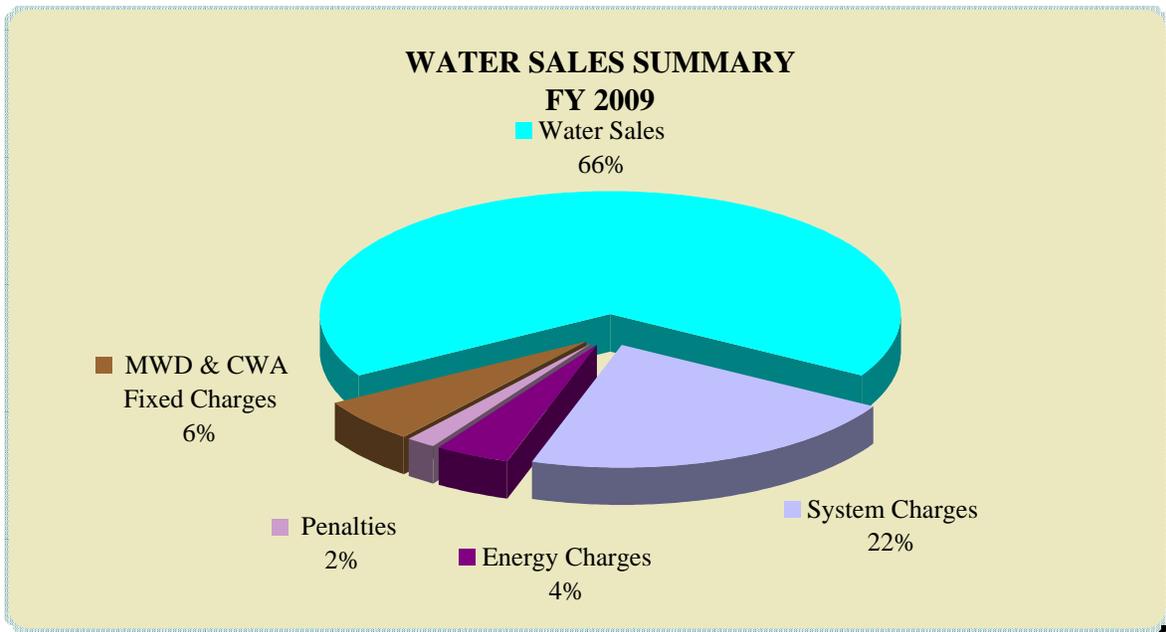
	<u>FY 2008 Budget</u>	<u>FY 2009 Budget</u>	<u>Variance</u>
<b><u>Water Sales:</u></b>			
Water Sales	\$ 32,331,300	\$ 32,470,200	\$ 138,900
System Fees	9,596,300	10,480,500	884,200
Energy Fees	2,018,000	2,034,000	16,000
MWD and CWA Fixed Fees	2,708,800	2,776,900	68,100
Penalties	852,100	895,900	43,800
<b>Total</b>	<b><u>\$ 47,506,500</u></b>	<b><u>\$ 48,657,500</u></b>	<b><u>\$ 1,151,000</u></b>

*Water Sales : Unit Sales x Rate*

*System Charges : Fixed monthly fee based on meter size*

*Energy Charges : Energy pumping fee of \$0.034 per unit of water for each 100 feet of lift or fraction thereof above the base elevation of 450 feet*

*Penalties : Late charges, locks , etc.*

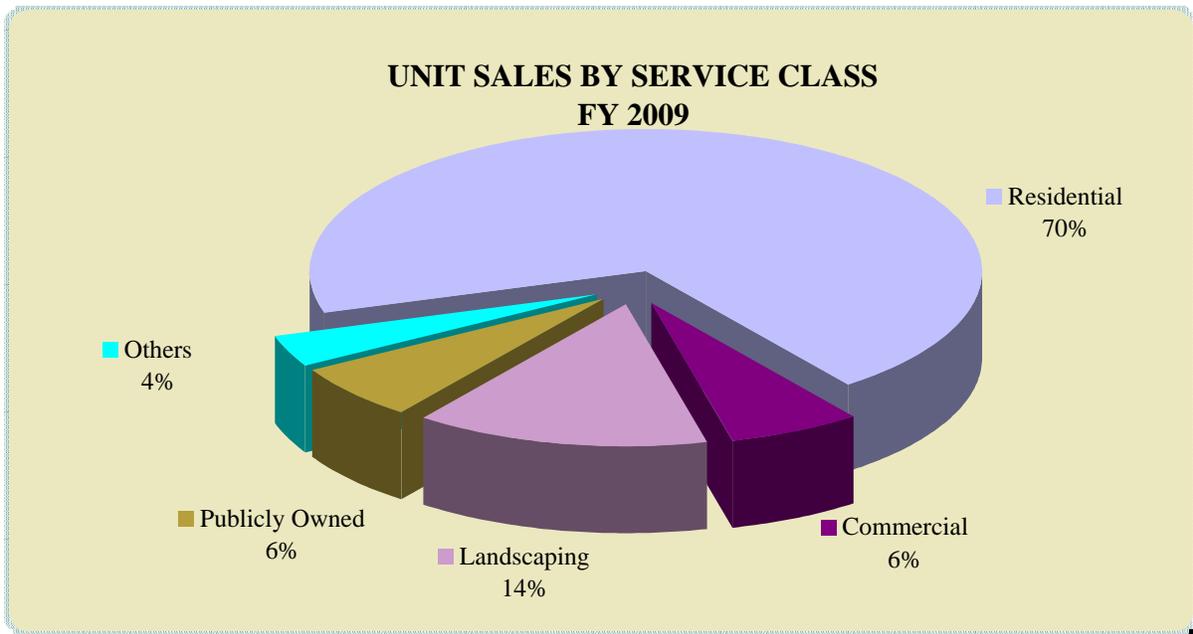


## WATER SALES SUMMARY BY SERVICE CLASS - POTABLE

	Accounts	Fiscal Year 2009 Sales Budget		Current Rate	Approved* Rate
		Units	Amount		
<b>Residential</b>	44,502	11,013,600	\$ 22,409,900	\$ 1.95	\$ 2.03 **
<b>Publicly-Owned</b>	246	997,700	2,139,000	2.06	2.25
<b>Commercial</b>	1,207	978,300	2,019,700	1.98	2.17
<b>Landscaping</b>	1,201	2,271,800	4,721,200	2.00	2.08 **
<b>Agricultural</b>	26	47,400	97,700	1.98	2.17
<b>Temporary and Others</b>	160	525,400	1,082,700	1.98	2.17
<b>Total Potable Water Sales</b>	<b>47,342</b>	<b>15,834,200</b>	<b>\$ 32,470,200</b>	<b>1.97</b>	<b>2.05</b>

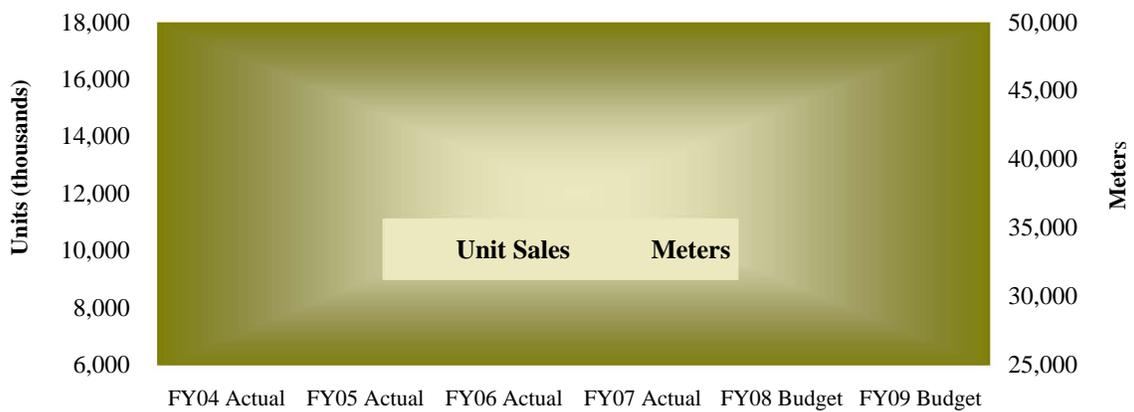
\*Approved rate effective January 1, 2009.

\*\*Based on average rate.



	<b>FY 2004</b>	<b>Actual</b>		<b>FY 2007</b>	<b>Budget</b>	<b>Budget</b>
		<b>FY 2005</b>	<b>FY 2006</b>		<b>FY 2008</b>	<b>FY 2009</b>
<b>Residential</b>	8,275,224	8,083,816	9,668,100	9,713,112	10,027,800	9,627,700
<b>Master Meters</b>	1,055,922	1,181,402	1,198,200	1,434,040	1,360,600	1,385,900
<b>Publicly-Owned</b>	933,517	901,639	919,200	984,391	1,005,000	997,700
<b>Commercial</b>	904,788	895,098	983,300	901,615	1,065,000	978,300
<b>Landscaping</b>	2,219,274	1,931,104	2,122,500	2,276,003	2,603,800	2,271,800
<b>Agricultural</b>	82,343	48,628	51,836	53,787	66,400	47,400
<b>Temporary</b>	750,530	723,712	689,000	696,516	630,300	525,400
<b>Others</b>	6,429	-	-	-	-	-
<b>Total</b>	14,228,027	13,765,399	15,632,136	16,059,464	16,758,900	15,834,200

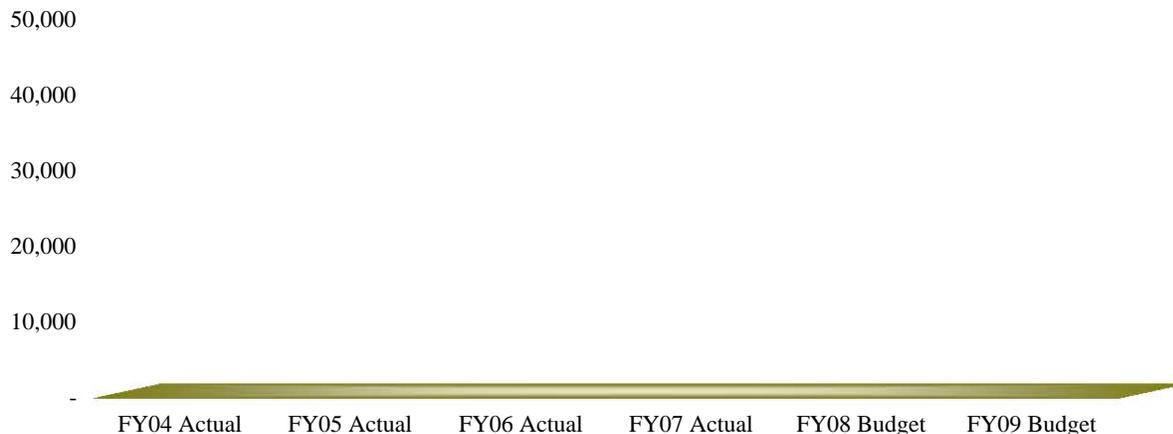
### UNIT SALES AND METER TRENDS



Service Class	Meter Size	Meter Count FY09 Growth	Current Rates	Approved* Rates	Budgeted System Fees		Total Meters
					Existing Meters	Additional Meters	
<b>Residential</b>	0.75	238	\$ 12.30	\$ 13.45	\$ 6,582,900	\$ 20,300	\$ 6,603,200
	1.00	-	19.80	21.65	197,500	-	197,500
	1.50	-	38.95	42.65	9,300	-	9,300
	2.00	-	64.95	71.25	6,500	-	6,500
	3.00	-	104.55	114.65	-	-	-
	4.00	-	119.70	131.30	15,100	-	15,100
	6.00	-	239.20	262.40	-	-	-
	10.00	-	456.60	500.90	-	-	-
<b>Non-Residential</b>	0.75	43	24.00	26.25	141,100	7,200	148,300
	1.00	20	36.95	40.50	378,700	5,100	383,800
	1.50	-	51.95	57.00	586,400	-	586,400
	2.00	13	64.95	71.25	885,000	5,900	890,900
	3.00	-	104.55	114.69	94,700	-	94,700
	4.00	-	119.70	131.30	350,900	-	350,900
	6.00	-	239.20	262.40	45,100	-	45,100
	10.00	-	456.60	500.85	34,500	-	34,500
<b>Fire Services</b>	Various	-	25.40	27.85	200,300	-	200,300
<b>Special System Fees</b>					-	-	812,000
<b>Turn Over Fees</b>	850		10.00	10.00	102,000	-	102,000
<b>Budgeted Potable System Fees</b>		<b>314</b>	<b>2,189.35</b>	<b>2,400.34</b>	<b>\$ 9,630,000</b>	<b>\$ 38,500</b>	<b>\$ 10,480,500</b>

\*Approved rates effective January 1, 2009.

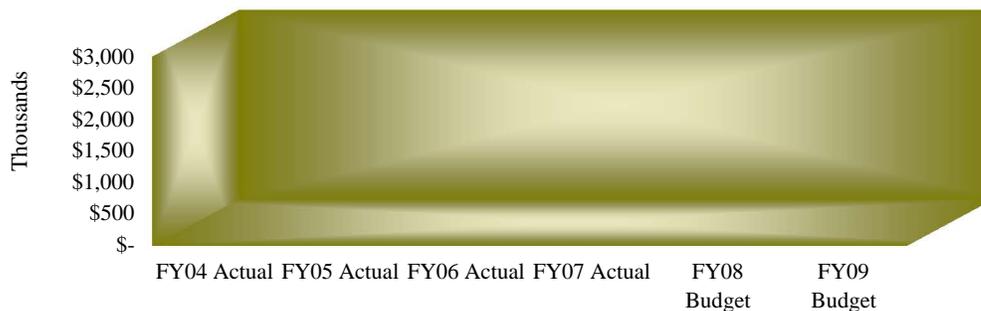
### METER COUNT HISTORY



Classification	Meter Size	Budgeted MWD & CWA - Fixed Charges				
		Current Rates	Approved* Rates	Existing	Growth	Total
<b>Residential</b>	0.75	\$ 3.85	\$ 4.20	\$ 2,058,000	\$ 6,400	\$ 2,064,400
	1.00	6.15	6.75	61,500	-	61,500
	1.50	11.60	12.70	2,800	-	2,800
	2.00	20.05	22.00	2,000	-	2,000
	4.00	63.15	69.25	7,900.00	-	7,900
	6.00	115.50	126.70	-	-	-
<b>Non-Residential</b>	0.75	3.85	4.20	22,300	1,100	23,400
	1.00	6.15	6.75	62,800	900	63,700
	1.50	11.60	12.70	130,300	-	130,300
	2.00	20.05	22.00	272,000	1,800	273,800
	3.00	36.95	40.50	33,500	-	33,500
	4.00	63.15	69.25	69,100	-	69,100
	6.00	115.50	126.70	21,800	-	21,800
	10.00	300.30	329.40	22,700	-	22,700
<b>Total</b>				<b>\$ 2,766,700</b>	<b>\$ 10,200</b>	<b>\$ 2,776,900</b>

\*Approved rates effective January 1, 2009.

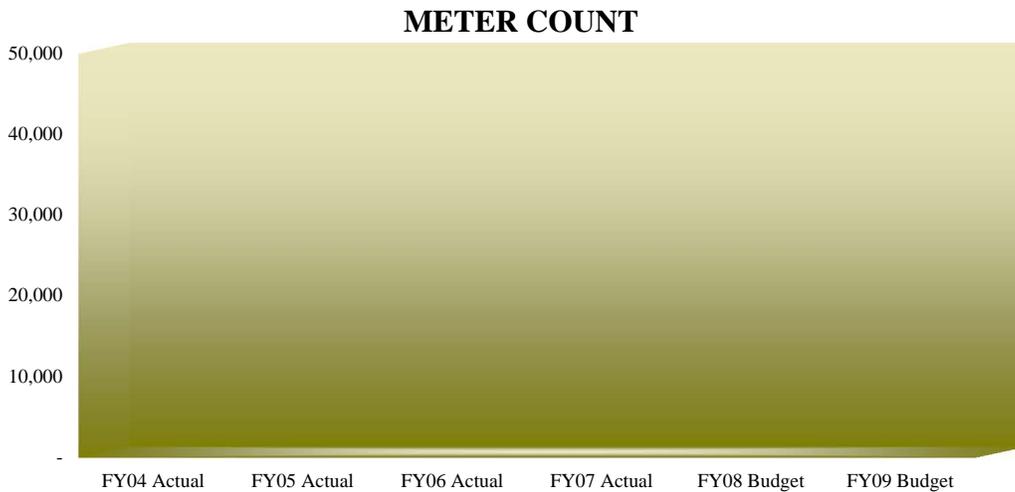
### MWD AND CWA FIXED CHARGES (PASS-THROUGH)



	<b>Meter Size</b>	<b>Installation Fee</b>	<b>Meter Fee</b>	<b>AMR Fee</b>
<b>Meter Fees:</b>	0.75	\$ 60.00	\$ 59.00	\$ 147.00
<b>Meter Fees are charges collected for new water service connections. Fees vary depending upon meter size and type of service. The costs associated with meter installations are included in the Operating Expenses section of the budget. These charges are funded by developers.</b>	1.00	60.00	117.00	147.00
	1.50	103.00	250.00	147.00
	2.00	240.00	475.00	147.00
	3.00	300.00	653.00	147.00
	4.00	300.00	1,370.00	147.00
	6.00	300.00	2,500.00	147.00
	10.00	300.00	3,737.00	147.00

**Fiscal Year 2009 Growth by Meter Size**

<b>Service Class</b>	<b>0.75</b>	<b>1.00</b>	<b>1.50</b>	<b>2.00</b>	<b>3.00</b>	<b>Total</b>
<b>Residential</b>	238	-	-	-	-	238
<b>Non-Residential</b>	43	20	-	13	-	76
<b>Total Number of Meters</b>	281	20	-	13	-	314
<b>Total Meter Fees</b>	\$ 74,700	\$ 6,500	\$ -	\$ 11,200		\$ 92,400



	<b>FY 2004</b>	<b>Actual FY 2005</b>	<b>FY 2006</b>	<b>FY 2007</b>	<b>Budget FY 2008</b>	<b>Budget FY 2009</b>
<b>Water Sales</b>	\$25,204,669	\$24,760,101	\$ 27,975,777	\$30,696,070	\$ 32,331,300	\$32,470,200
<b>System Fees</b>	7,576,328	7,933,913	8,056,340	8,658,339	9,596,300	10,480,500
<b>Energy Fees</b>	1,618,000	1,573,999	1,696,492	1,801,455	2,018,000	2,034,000
<b>MWD and CWA Fixed Fe</b>	1,088,156	1,620,548	1,775,186	2,159,269	2,708,800	2,776,900
<b>Penalties</b>	374,283	494,915	688,374	797,615	852,100	895,900
<b>Total</b>	\$35,861,436	\$36,383,476	\$ 40,192,169	\$44,112,748	\$ 47,506,500	\$48,657,500

Thousands

### REVENUE HISTORY

\$50,000

\$40,000

\$30,000

\$20,000

\$10,000

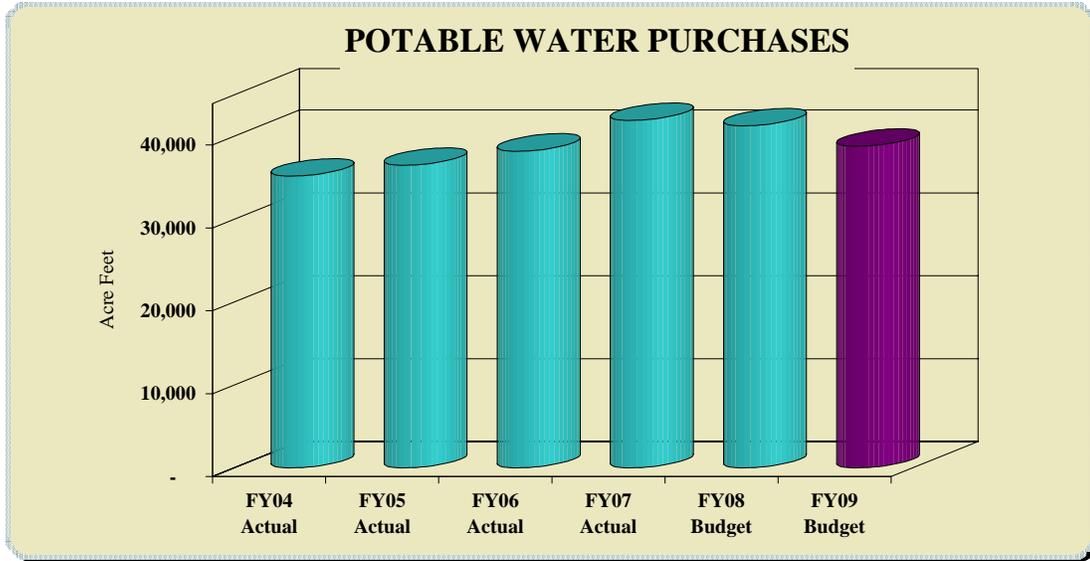
\$-

Year	Water Sales	MWD & CWA Fixed Fees	Energy Fees	System Fees	Penalties	Total
FY04 Actual	\$25,204,669	\$1,088,156	\$1,618,000	\$7,576,328	\$374,283	\$35,861,436
FY05 Actual	\$24,760,101	\$1,620,548	\$1,573,999	\$7,933,913	\$494,915	\$36,383,476
FY06 Actual	\$27,975,777	\$1,775,186	\$1,696,492	\$8,056,340	\$688,374	\$40,192,169
FY07 Actual	\$30,696,070	\$2,159,269	\$1,801,455	\$8,658,339	\$797,615	\$44,112,748
FY08 Budget	\$32,331,300	\$2,708,800	\$2,018,000	\$9,596,300	\$852,100	\$47,506,500
FY09 Budget	\$32,470,200	\$2,776,900	\$2,034,000	\$10,480,500	\$895,900	\$48,657,500

*Note:*

*Fiscal Year 2005 Water Sales and Energy Fees drop due to 22.51 inches of rainfall.*

## WATER PURCHASES AND RELATED COSTS - POTABLE



	<b>FY09 Budget</b>	<b>Rate <sup>(1)</sup></b>	<b>FY09 Budget</b>	<b>% to Total</b>
	<b>Acre Feet</b>		<b>Purchase Costs</b>	
<b>Potable Water Purchases</b>				
Budgeted Sales (CWA)	36,350.3	\$614/\$677	\$ 23,315,600	93.7%
District & Unbilled Usage	503.3	\$614/\$677	320,700	1.3%
Water Loss	1,939.7	\$614/\$677	1,244,000	5.0%
<b>TOTAL VARIABLE CHARGES</b>	<b>38,793.3</b>		<b>\$ 24,880,300</b>	<b>100.0%</b>

**MWD & CWA FIXED CHARGES:**

	<b>FY08 Budget</b>	<b>FY09 Budget</b>
Infrastructure Access Charge (IAC)	\$ 1,090,200	\$ 1,216,800
Customer Service Charge (CSC)	950,400	1,050,000
Emergency Storage Charge (ESC)	1,507,800	1,774,800
Capacity Reservation Charge (CRC)	569,400	595,700
Readiness-to-Serve Charge (RTS)	552,600	614,400
<b>TOTAL FIXED CHARGES</b>	<b>\$ 4,670,400</b>	<b>\$ 5,251,700</b>

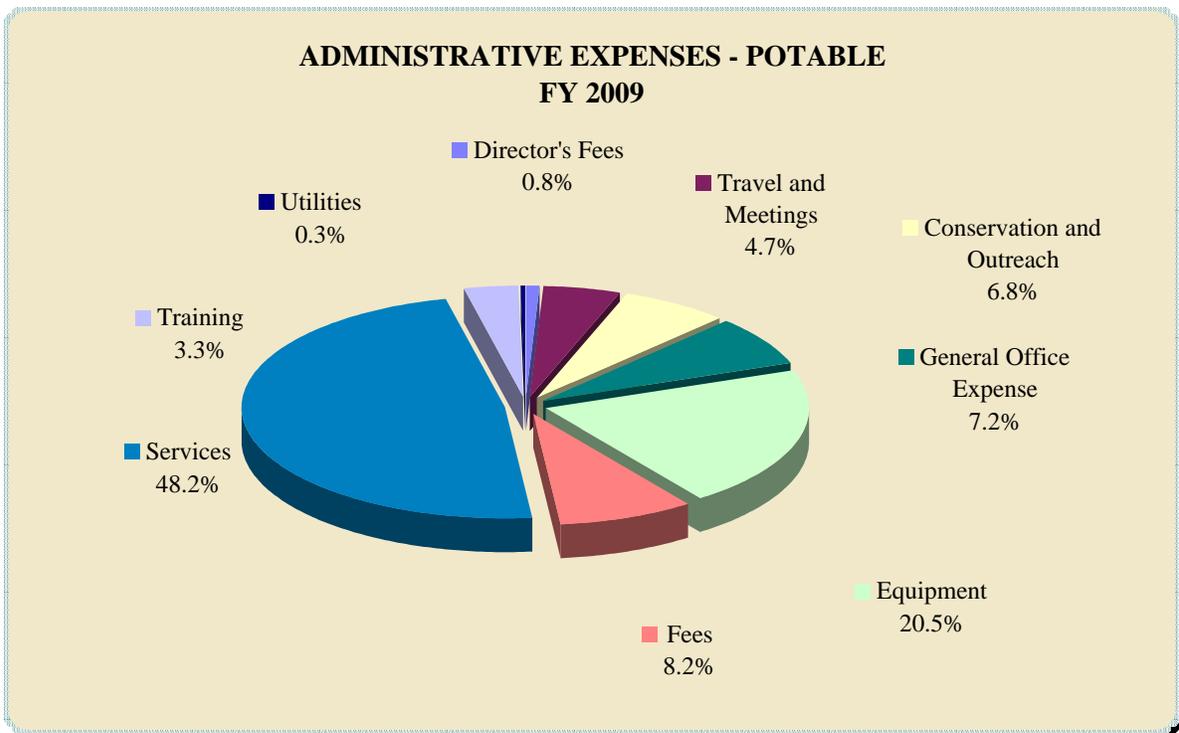
(1) The first rate applies to purchases from July to December of the budget fiscal year; the second from January to June.

	<b>Admin and Operations Buildings</b>	<b>Potable Transmission</b>	<b>Total Potable Power Costs</b>
FY04 Actual	132,391	1,515,642	1,648,033
FY05 Actual	142,630	1,551,029	1,693,659
FY06 Actual	154,567	1,628,153	1,782,721
FY07 Actual	172,646	1,838,636	2,011,282
FY08 Budget	190,100	2,018,000	2,208,100
FY09 Budget	177,500	2,038,600	2,216,100



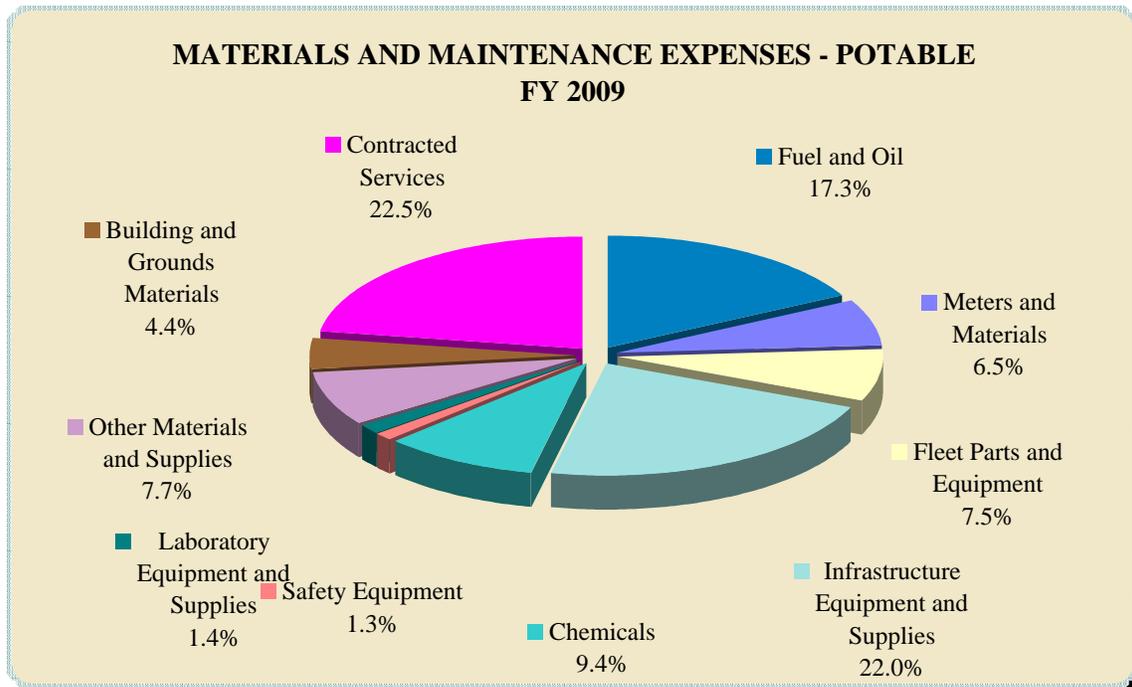
## ADMINISTRATIVE EXPENSES - POTABLE

	FY 2007 Actual	FY 2008 Budget	FY 2009 Budget	Budget Variance	%
Director's Fees	\$ 18,700	\$ 48,000	\$ 40,000	(8,000)	(16.7%)
Travel and Meetings	158,506	270,900	239,400	(31,500)	(11.6%)
Conservation and Outreach	168,831	481,800	348,000	(133,800)	(27.8%)
General Office Expense	344,782	359,400	364,900	5,500	1.5%
Equipment	901,151	1,014,300	1,045,300	31,000	3.1%
Fees	421,420	367,700	419,000	51,300	14.0%
Services	2,023,530	2,923,300	2,454,700	(468,600)	(16.0%)
Training	97,772	173,100	167,600	(5,500)	(3.2%)
Utilities	12,870	14,000	15,600	1,600	11.4%
Miscellaneous	212	-	133,900	133,900	100.0%
<b>Total</b>	<b>4,147,775</b>	<b>5,652,500</b>	<b>5,228,400</b>	<b>(424,100)</b>	<b>(7.5%)</b>
Less: Overhead Allocation	(600,940)	(978,600)	(767,400)	211,200	(21.6%)
Subtotal	3,546,834	4,673,900	4,461,000	(212,900)	(4.6%)
General Expenses	1,607,300	1,676,300	972,300	(704,000)	(42.0%)
<b>Net Administrative Expenses</b>	<b>\$ 5,154,134</b>	<b>\$ 6,350,200</b>	<b>\$ 5,433,300</b>	<b>\$ (916,900)</b>	<b>(14.4%)</b>



## MATERIALS AND MAINTENANCE EXPENSES - POTABLE

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>Budget</u>	<u>%</u>
	Actual	Budget	Budget	Variance	
<b>Materials and Maintenance</b>					
Fuel and Oil	\$ 406,417	\$ 570,000	\$ 369,000	(201,000)	(35.3%)
Meters and Materials	312,406	304,400	138,000	(166,400)	(54.7%)
Fleet Parts and Equipment	159,601	161,100	161,000	(100)	(0.1%)
Infrastructure Equipment and Supplies	531,277	523,500	470,000	(53,500)	(10.2%)
Chemicals	197,565	225,000	200,000	(25,000)	(11.1%)
Safety Equipment	17,761	14,700	27,500	12,800	87.1%
Laboratory Equipment and Supplies	30,473	30,000	30,000	-	0.0%
Other Materials and Supplies	280,772	231,500	163,600	(67,900)	(29.3%)
Building and Grounds Materials	109,016	122,000	93,000	(29,000)	(23.8%)
Contracted Services	498,680	585,900	481,300	(104,600)	(17.9%)
Materials and Maintenance	<u>2,543,968</u>	<u>2,768,100</u>	<u>2,133,400</u>	<u>(634,700)</u>	<u>(22.9%)</u>
<b>Total Materials and Maintenance</b>	<b><u>\$ 2,543,968</u></b>	<b><u>\$ 2,768,100</u></b>	<b><u>\$ 2,133,400</u></b>	<b><u>\$ (634,700)</u></b>	<b><u>(22.9%)</u></b>



**Recycled Revenues  
and  
Expenditures**

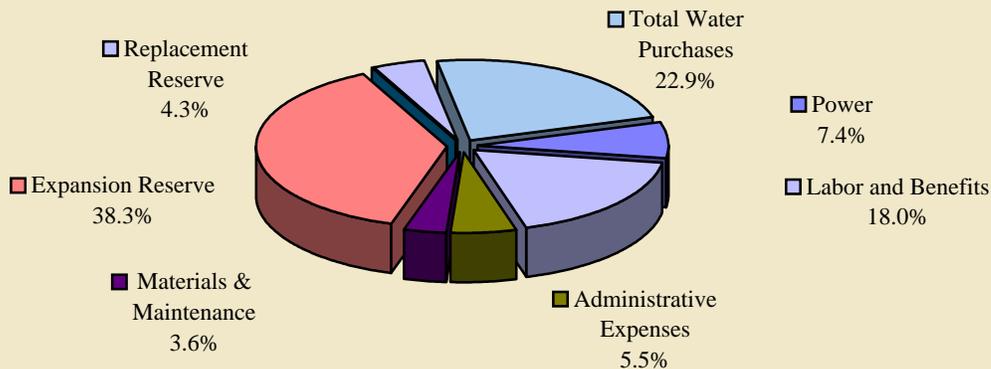




## OPERATING BUDGET SUMMARY - RECYCLED

	FY 2007 Actual	FY 2008 Budget	FY 2009 Budget	Budget Variance	Variance %
<b>REVENUES</b>					
Recycled Water Sales	\$ 3,294,170	\$ 3,583,800	\$ 3,609,400	25,600	0.7%
System Fees	335,063	432,800	516,200	83,400	19.3%
Energy Fees	190,570	264,800	306,400	41,600	15.7%
MWD/CWA Rebates	592,056	1,614,900	1,798,400	183,500	11.4%
Penalties	80,998	105,100	67,700	(37,400)	(35.6%)
Total Reclaimed Water Sales	4,492,858	6,001,400	6,298,100	296,700	4.9%
Meter Fees	50,280	24,100	11,400	(12,700)	(52.7%)
Capacity Fee Revenues	106,820	-	-	-	0.0%
Interest	145,748	99,000	24,500	(74,500)	(75.3%)
<b>TOTAL REVENUES</b>	<b>4,795,706</b>	<b>6,124,500</b>	<b>6,334,000</b>	<b>209,500</b>	<b>3.4%</b>
<b>EXPENDITURES</b>					
Water Purchases (CWA)	1,597,592	1,423,000	1,432,900	9,900	0.7%
Water Purchases (CSD) / Meter Fees	231,884	-	19,800	19,800	100.0%
Total Water Purchases	1,829,476	1,423,000	1,452,700	29,700	2.1%
Power	431,562	493,600	466,800	(26,800)	(5.4%)
Labor and Benefits	567,385	895,400	1,143,100	247,700	27.7%
Administrative Expenses	205,245	271,300	346,500	75,200	27.7%
Materials & Maintenance	198,098	226,000	225,400	(600)	(0.3%)
Expansion Reserve	-	2,590,200	2,425,000	(165,200)	(6.4%)
Betterment Reserve	-	225,000	-	(225,000)	(100.0%)
Replacement Reserve	1,563,940	-	274,500	274,500	100.0%
<b>TOTAL EXPENDITURES</b>	<b>4,795,706</b>	<b>6,124,500</b>	<b>6,334,000</b>	<b>209,500</b>	<b>3.4%</b>
<b>EXCESS REVENUES (EXPENSES)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.0%</b>

### RECYCLED OPERATING EXPENDITURES FY 2009



## CLASSIFICATION OF WATER SALES - RECYCLED

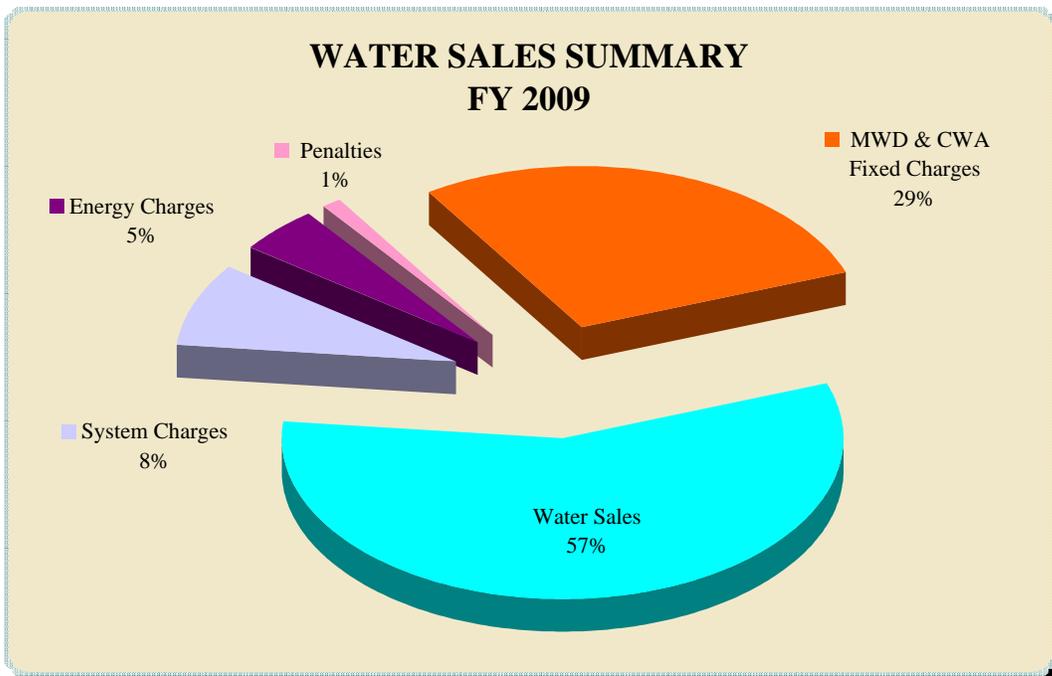
	<b>FY 2008 Budget</b>	<b>FY 2009 Budget</b>	<b>Variance</b>
<b><u>Recycled Water Sales:</u></b>			
Water Sales	\$ 3,583,800	\$ 3,609,400	\$ 25,600
System Fees	432,800	516,200	83,400
Energy Fees	264,800	306,400	41,600
MWD & CWA Rebates	1,614,900	1,798,400	183,500
Penalties	105,100	67,700	(37,400)
<b>Total</b>	<b>\$ 6,001,400</b>	<b>\$ 6,298,100</b>	<b>\$ 296,700</b>

*Water Sales : Unit Sales x Rate*

*System Charges : Fixed monthly fee based on meter size*

*Energy Charges : Energy pumping fee of \$0.032 per unit of water for each 100 feet of lift or fraction thereof above the base elevation of 450 feet*

*Penalties : Late charges, locks , etc.*



## WATER SALES SUMMARY BY SERVICE CLASS - RECYCLED

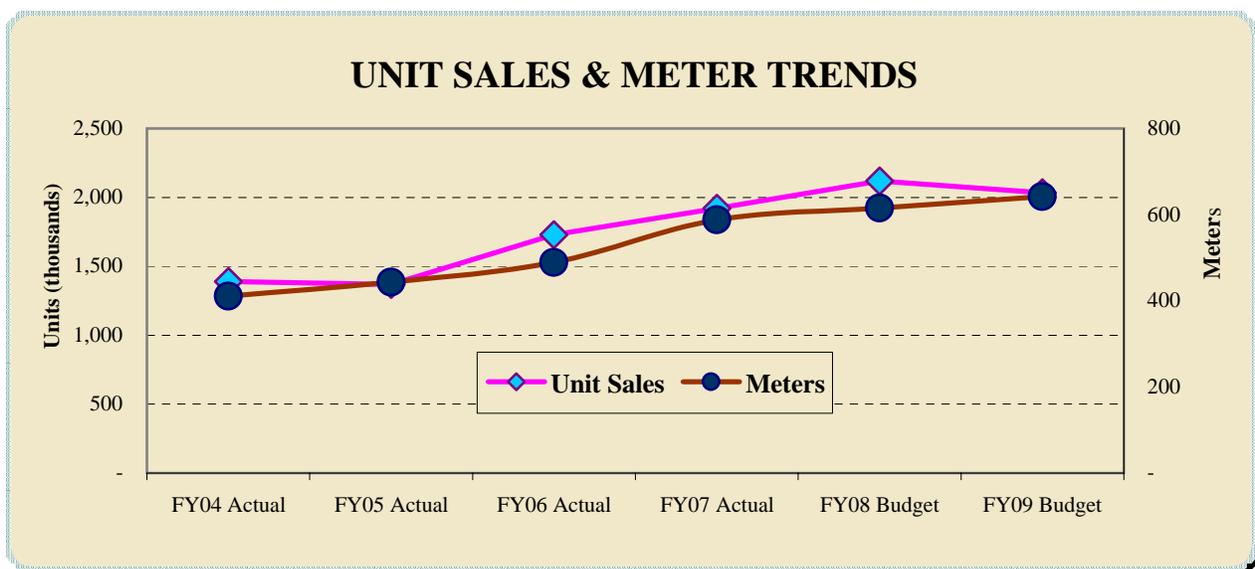
	Fiscal Year 2009 Sales Budget			Current Rate	Approved* Rate	
	Accounts	Units	Amount			
<b>Water Sales:</b>						
Publicly-Owned	290	875,000	\$ 1,593,600	\$ 1.75	\$ 1.92	
Commercial	352	1,159,800	2,015,800	1.67	1.83	
<b>Recycled</b>	642	2,034,800	\$ 3,609,400	\$ 1.70	\$ 1.77	**

\*Approved rate effective January 1, 2009.

\*\*Based on average rate.

### UNIT SALES HISTORY - RECYCLED

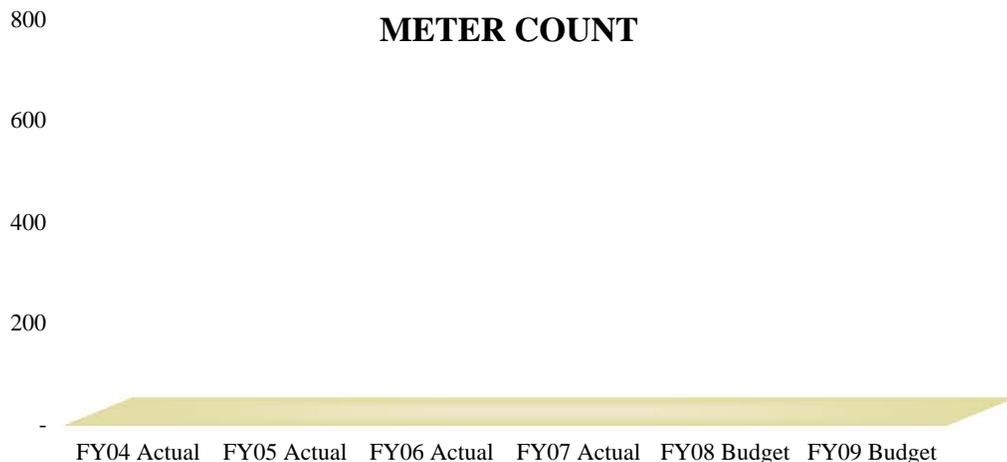
	ACTUAL				Budget	Budget
	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
<b>Recycled</b>	1,388,621	1,368,462	1,729,000	1,920,287	2,118,800	2,034,800



Service Class	Meter Size	Meter Count		Current Rates	Approved* Rates	Budgeted System Fees		
		6/30/08	FY09			Existing Meters	Additional Meters	Total Meters
<b>Recycled</b>	0.75	1	-	\$ 27.85	\$ 30.00	\$ 300	\$ -	\$ 300
	1.00	84	11	42.90	47.00	45,300	5,900	51,200
	1.50	355	-	60.30	65.40	267,700	-	267,700
	2.00	171	9	75.40	82.00	161,500	8,500	170,000
	3.00	3	-	121.30	132.00	4,600	-	4,600
	4.00	5	-	138.90	152.00	8,700	-	8,700
	6.00	2	-	277.60	303.00	7,000	-	7,000
	10.00	1	-	529.90	580.00	6,700	-	6,700
<b>Total</b>		<b>622</b>	<b>20</b>			<b>\$ 501,800</b>	<b>\$ 14,400</b>	<b>\$ 516,200</b>

**Budgeted Recycled System Fees \$ 516,200**

*\*Approved rates effective January 1, 2009.*

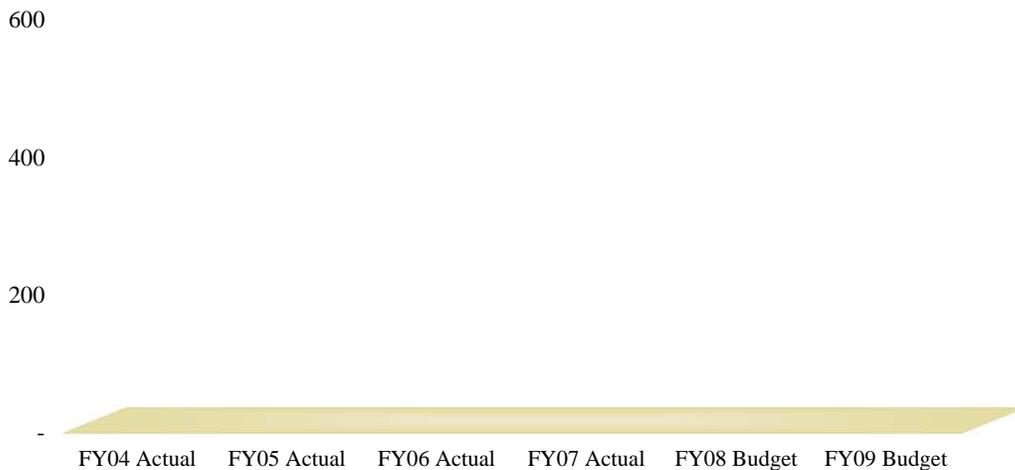


	<b>Meter Size</b>	<b>Installation Fee</b>	<b>Meter Fee</b>	<b>AMR Fee</b>
<b>Meter Fees:</b>	0.75	\$ 60.00	\$ 59.00	\$ 147.00
<b>Meter Fees are charges collected for new water service connections. Fees vary depending upon meter size and type of service. The costs associated with meter installations are included in the Operating Expenses section of the budget. These charges are funded by developers.</b>	1.00	60.00	117.00	147.00
	1.50	103.00	250.00	147.00
	2.00	240.00	475.00	147.00
	3.00	300.00	653.00	147.00
	4.00	300.00	1,370.00	147.00
	6.00	300.00	2,500.00	147.00
	10.00	300.00	3,737.00	147.00

**Fiscal Year 2009 Growth by Meter Size**

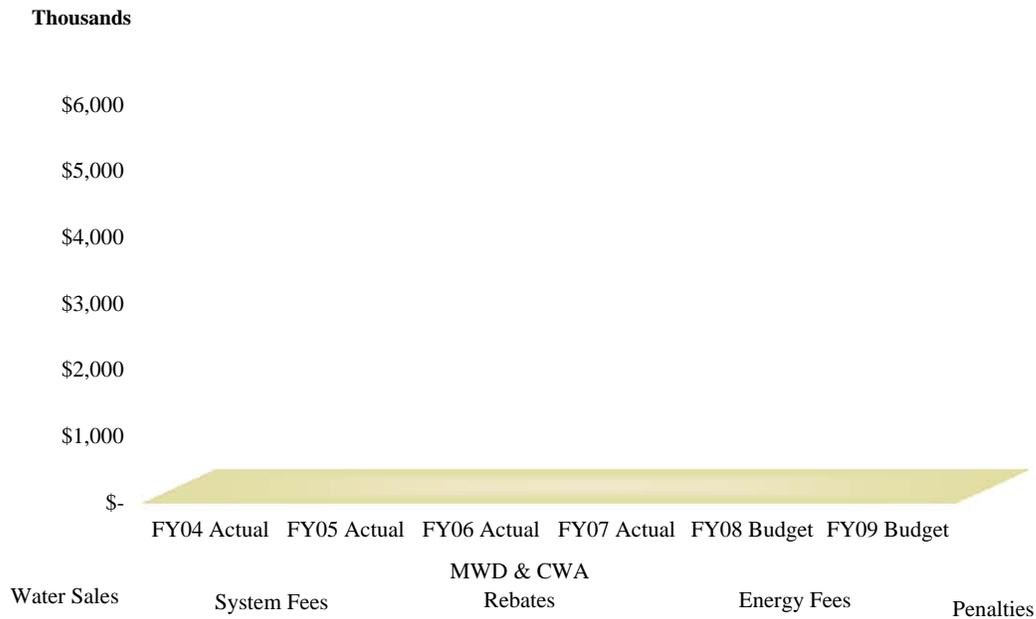
	<b>0.75</b>	<b>1.00</b>	<b>1.50</b>	<b>2.00</b>	<b>3.00</b>	<b>Total</b>
Residential		11.00	-	9.00	-	20
<b>Total Meter Fees</b>	\$ -	\$ 3,600	\$ -	\$ 7,800	\$ -	\$ 11,400

**METER COUNT**



	ACTUAL				Budgeted	Budgeted
	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Water Sales	\$ 2,285,666	\$ 2,392,952	\$ 2,694,517	\$3,294,170	\$3,583,800	\$ 3,609,400
System Fees	210,208	256,659	298,153	335,063	432,800	516,200
Energy Fees	-	52,119	198,599	190,570	264,800	306,400
MWD & CWA Rebates	447,020	262,850	372,172	592,056	1,614,900	1,798,400
Penalties	-	-	-	80,998	105,100	67,700
Total	\$ 2,942,894	\$ 2,964,580	\$ 3,563,441	\$ 4,492,857	\$ 6,001,400	\$ 6,298,100

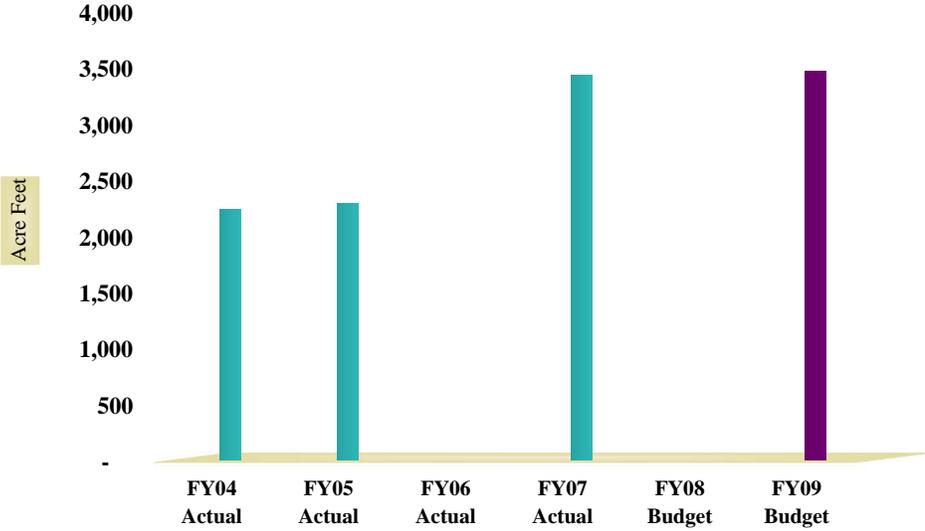
## REVENUE HISTORY



Note:

Fiscal Year 2005 Water Sales and Rebates drop due to 22.51 inches of rainfall.

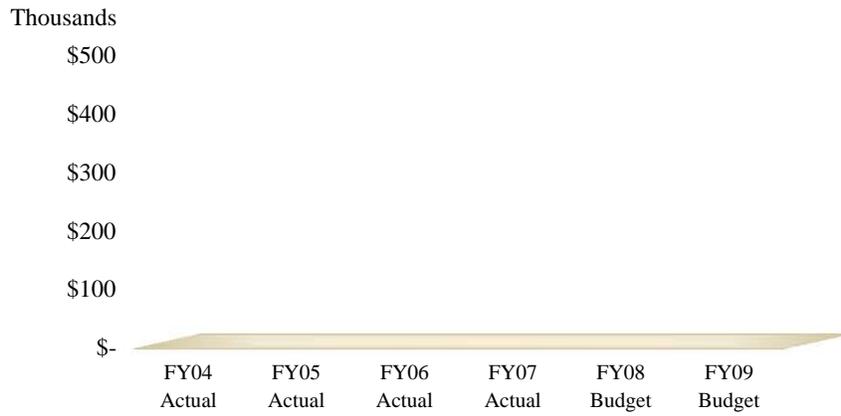
### RECYCLED WATER PURCHASES



	FY09 Budget Acre Feet	Rate	FY09 Budget Purchase Costs	% to Total
<b>SBWRP Recycled Water Purchases (CSD)</b>				
Recycled Water Purchases	3,465.6	\$ 413.50	\$ 1,432,900	98.6%
Meter Fee	-	1,646.50	19,800	1.4%
<b>Total</b>	<b>3,465.6</b>		<b>\$ 1,452,700</b>	<b>100.0%</b>

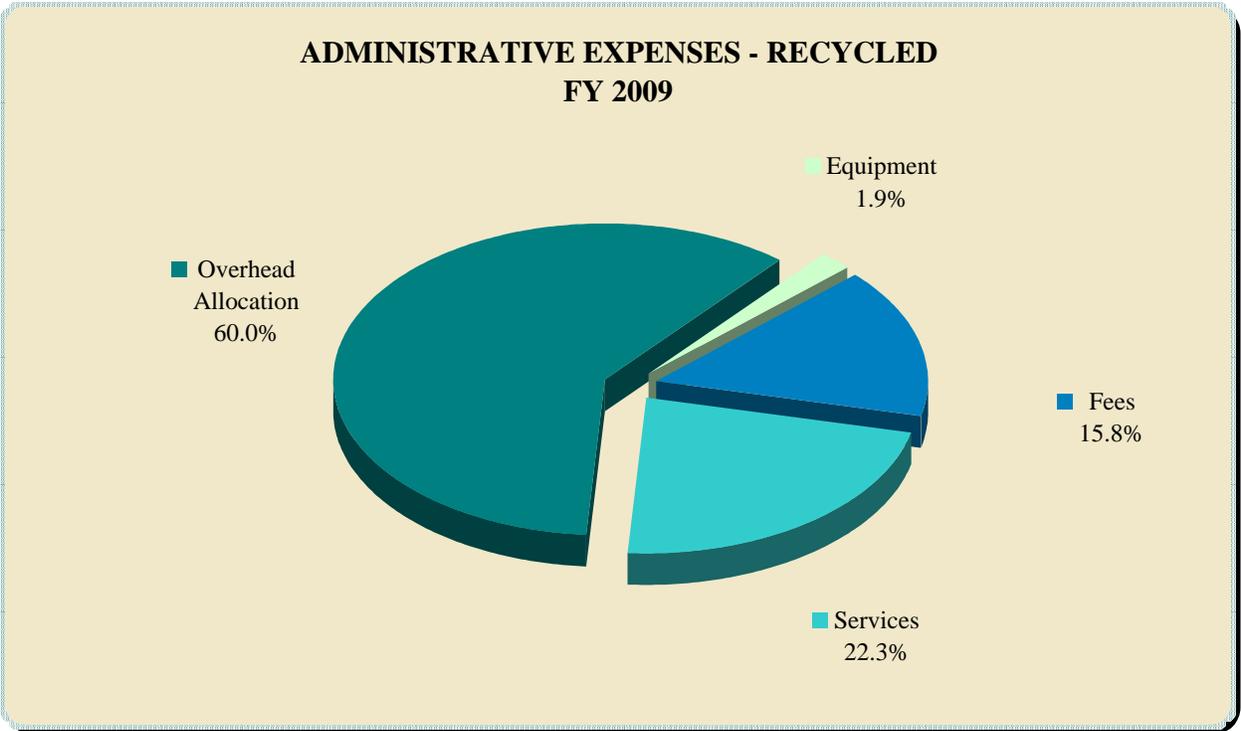
	<b>Treatment and Recycled Transmission</b>
FY04 Actual	219,500
FY05 Actual	241,000
FY06 Actual	224,200
FY07 Actual	358,359
FY08 Budget	493,600
FY09 Budget	466,800

### HISTORICAL POWER COSTS AND PROJECTIONS



# ADMINISTRATIVE EXPENSES - RECYCLED

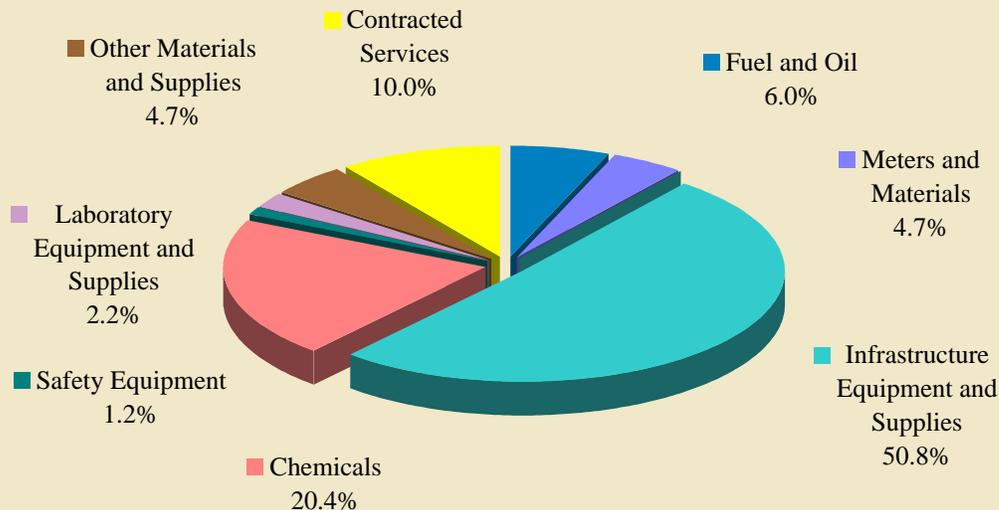
	FY 2007 Actual	FY 2008 Budget	FY 2009 Budget	Budget Variance	%
Equipment	\$ 540	\$ 3,000	\$ 6,300	\$ 3,300	110.0%
Fees	-	7,000	53,000	46,000	657.1%
Services	104,633	105,000	75,200	(29,800)	(28.4%)
Training	-	-	-	-	0.0%
Utilities	-	-	-	-	0.0%
Miscellaneous	-	-	9,900	9,900	100.0%
					0.0%
<b>Total</b>	<b>105,173</b>	<b>115,000</b>	<b>144,400</b>	<b>29,400</b>	<b>25.6%</b>
Overhead Allocation	100,071	156,300	202,100	45,800	29.3%
<b>Administrative Expenses</b>	<b>\$ 205,245</b>	<b>\$ 271,300</b>	<b>\$ 346,500</b>	<b>\$ 75,200</b>	<b>27.7%</b>



## MATERIALS AND MAINTENANCE EXPENSES - RECYCLED

	FY 2007 Actual	FY 2008 Budget	FY 2009 Budget	Budget Variance	%
Materials and Maintenance					
Fuel and Oil	\$ 12,348	\$ 27,000	\$ 13,500	(13,500)	(50.0%)
Meters and Materials	9,632	10,000	10,500	500	5.0%
Fleet Parts and Equipment	199	-	-	-	0.0%
Infrastructure Equipment and Supplies	96,997	110,000	114,500	4,500	4.1%
Chemicals	64,508	66,000	46,000	(20,000)	(30.3%)
Safety Equipment	2,379	1,500	2,800	1,300	86.7%
Laboratory Equipment and Supplies	2,060	4,000	5,000	1,000	25.0%
Other Materials and Supplies	5,765	5,000	10,600	5,600	112.0%
Contracted Services	4,210	2,500	22,500	20,000	800.0%
Materials and Maintenance	198,098	226,000	225,400	(600)	(0.3%)
<b>Total Materials and Maintenance</b>	<b>\$ 198,098</b>	<b>\$ 226,000</b>	<b>\$ 225,400</b>	<b>\$ (600)</b>	<b>(0.3%)</b>

### MATERIALS AND MAINTENANCE EXPENSES - RECYCLED FY 2009



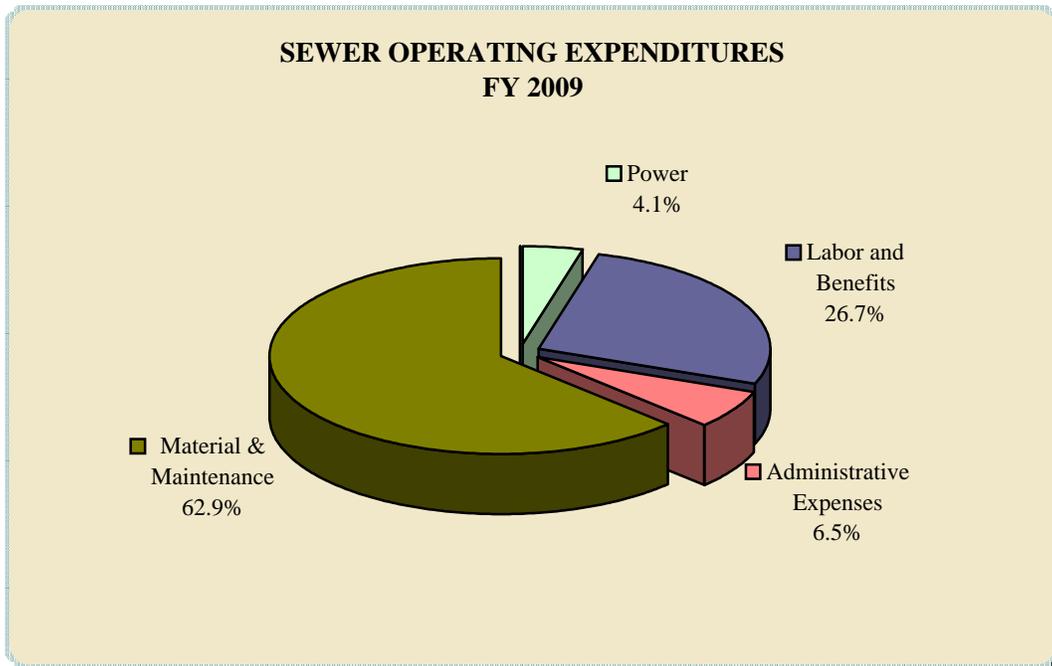
**Sewer Revenues  
and  
Expenditures**





## OPERATING BUDGET SUMMARY - SEWER

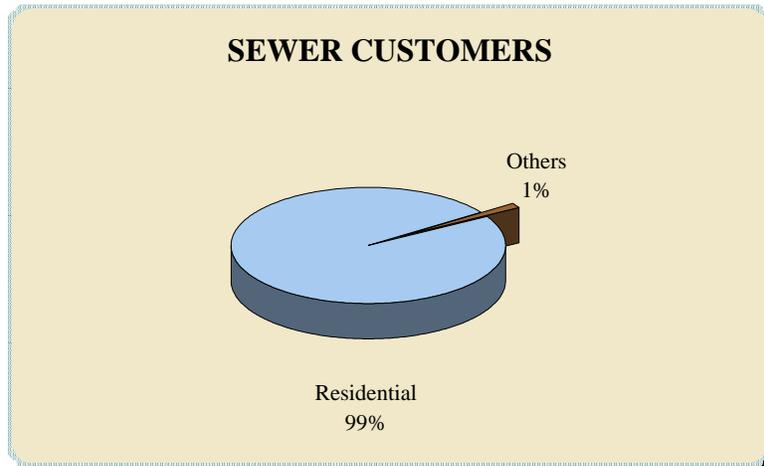
	FY 2007 Actual	FY 2008 Budget	FY 2009 Budget	Budget Variance	Variance %
<b>REVENUES</b>					
Sewer Charges	2,577,993	2,679,100	2,145,300	(533,800)	(19.9%)
Non-operating Revenues	1,338	1,000	26,400	25,400	2,540.0%
Tax Revenues	52,990	51,300	56,400	5,100	9.9%
Interest	72,450	88,000	60,700	(27,300)	(31.0%)
General Fund Draw Down	-	-	120,100	120,100	100.0%
<b>TOTAL REVENUES</b>	<b>2,704,771</b>	<b>2,819,400</b>	<b>2,408,900</b>	<b>(410,500)</b>	<b>(14.6%)</b>
<b>EXPENDITURES</b>					
Power	71,230	103,100	97,600	(5,500)	(5.3%)
Labor and Benefits	556,534	832,600	642,000	(190,600)	(22.9%)
Administrative Expenses	108,276	189,500	155,300	(34,200)	(18.0%)
Material & Maintenance	959,155	1,458,800	1,514,000	55,200	3.8%
Replacement Reserve	100,000	235,400	-	(235,400)	(100.0%)
<b>TOTAL EXPENDITURES</b>	<b>1,795,195</b>	<b>2,819,400</b>	<b>2,408,900</b>	<b>(410,500)</b>	<b>(14.6%)</b>
<b>EXCESS REVENUES</b>	<b>\$ 909,576</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0.0%</b>



# CUSTOMERS AND ASSIGNED SERVICE UNITS - SEWER

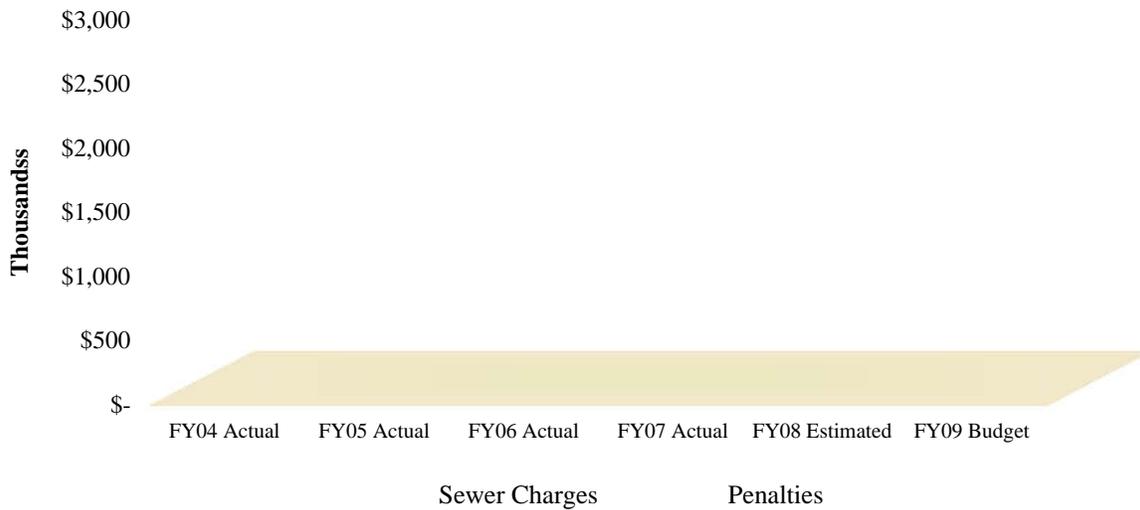
FY 2009

User Category	Total Accounts	Assigned Service Units
<b>Residential:</b>		
Single-Family	4,509	
Multi-Family	50	
<b>Institutional:</b>		
Schools	6	283.26
Churches	4	90.38
<b>Commercial:</b>		
Low Strength	35	186.98
Medium Strength	18	139.72
High Strength	6	67.47
<b>Total</b>	<b><u>4,628</u></b>	<b><u>767.81</u></b>



	<b>FY 2004</b>	<b>Actual FY 2005</b>	<b>Actual FY 2006</b>	<b>FY 2007</b>	<b>Budget FY 2008</b>	<b>Budget FY 2009</b>
<b>Sewer Charges</b>	\$ 1,767,118	\$ 1,995,548	\$ 2,296,856	\$ 2,531,513	\$ 2,612,100	\$ 2,105,800
<b>Penalties <sup>(1)</sup></b>	-	-	-	46,480	67,000	39,500
<b>Total</b>	\$ 1,767,118	\$ 1,995,548	\$ 2,296,856	\$ 2,577,993	\$ 2,679,100	\$ 2,145,300

### SEWER REVENUE HISTORY

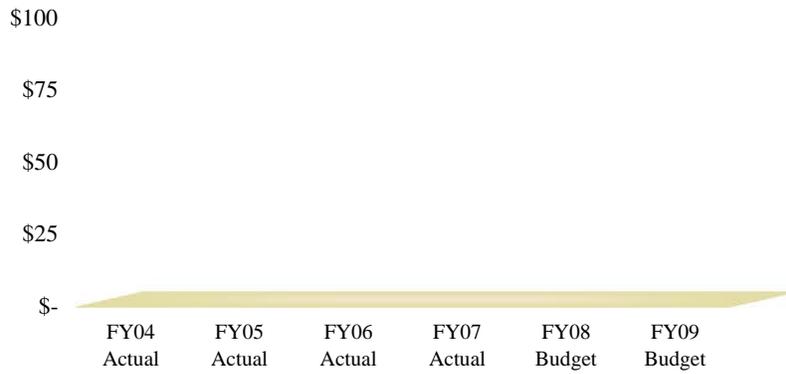


<sup>(1)</sup> Prior to Fiscal Year 2007, penalties were Potable revenues only.

	<b>Sewer Lift Station</b>
FY04 Actual	\$ 88,915
FY05 Actual	82,447
FY06 Actual	85,894
FY07 Actual	94,989
FY08 Budget	103,100
FY09 Budget	97,600

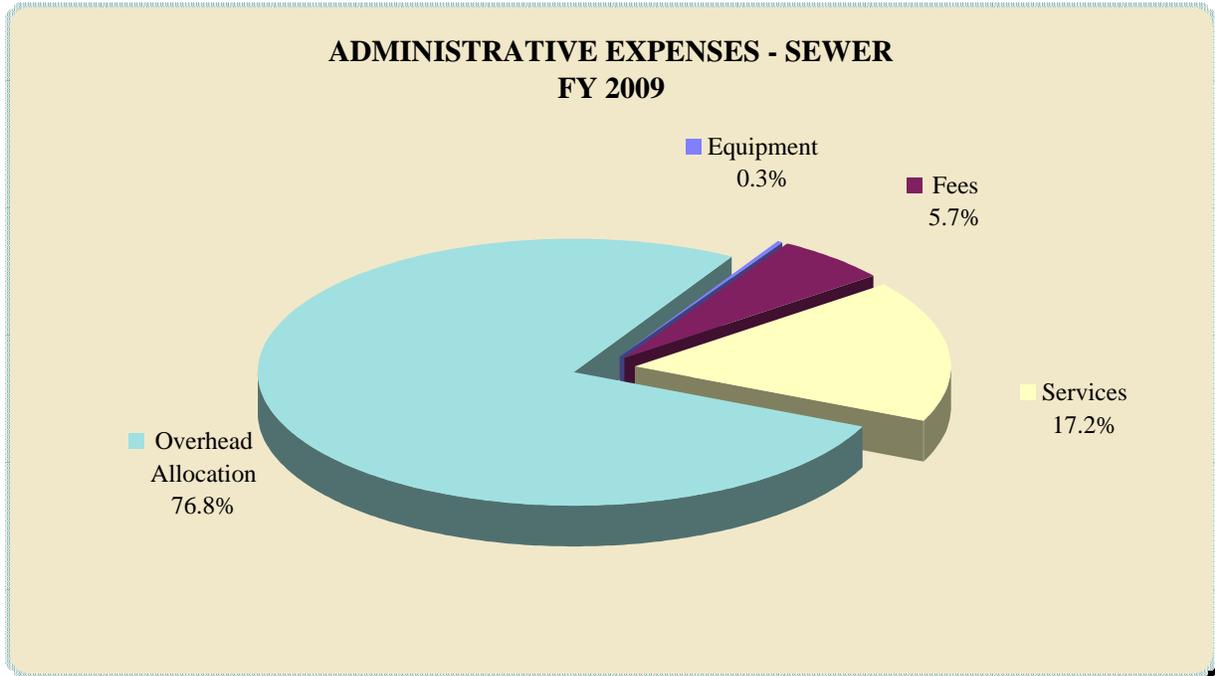
### HISTORICAL POWER COSTS AND PROJECTIONS

Thousands



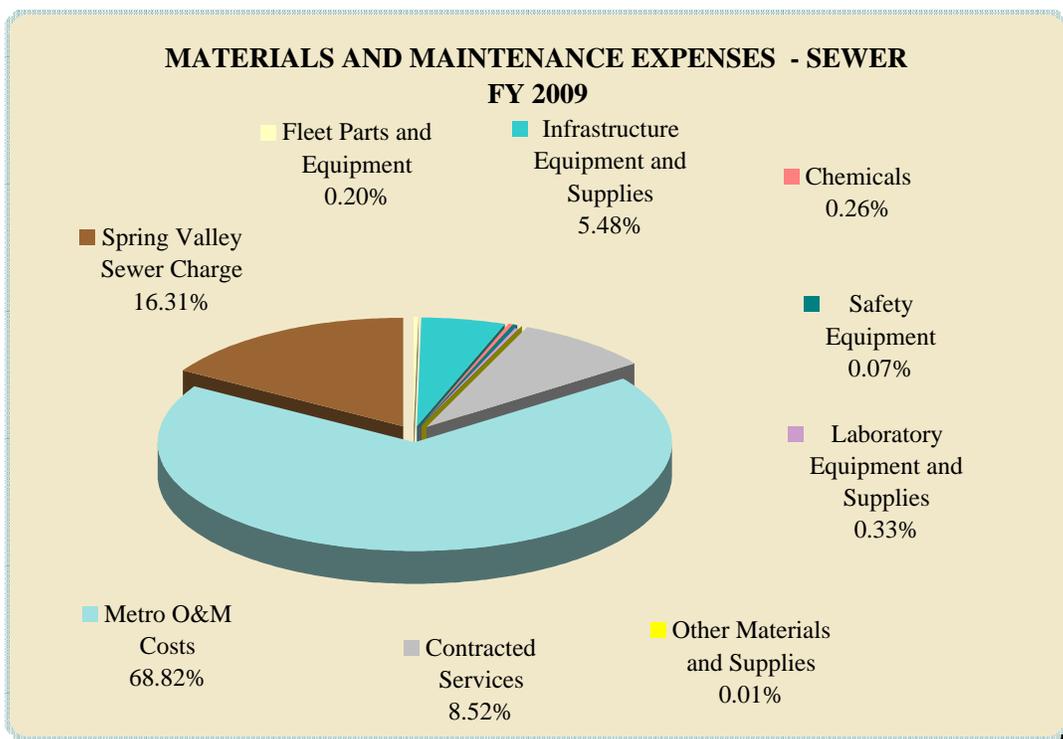
## ADMINISTRATIVE EXPENSES - SEWER

	FY 2007 Actual	FY 2008 Budget	FY 2009 Budget	Budget Variance	%
Equipment	\$ 494	\$ 1,000	\$ 500	(500)	(50.0%)
Fees	-	7,700	8,500	800	10.4%
Services	6,858	35,000	25,600	(9,400)	(26.9%)
Miscellaneous	-	-	6,200	6,200	100.0%
<b>Total</b>	<b>7,351</b>	<b>43,700</b>	<b>40,800</b>	<b>(2,900)</b>	<b>(6.6%)</b>
Overhead Allocation	100,925	145,800	114,500	(31,300)	(21.5%)
<b>Administrative Expenses</b>	<b>\$ 108,276</b>	<b>\$ 189,500</b>	<b>\$ 155,300</b>	<b>\$ (34,200)</b>	<b>(18.0%)</b>



## MATERIALS AND MAINTENANCE EXPENSES - SEWER

	FY 2007 Actual	FY 2008 Budget	FY 2009 Budget	Budget Variance	%
<b>Materials and Maintenance</b>					
Fleet Parts and Equipment	-	2,000	3,000	1,000	50.0%
Infrastructure Equipment and Supplies	98,183	99,000	83,000	(16,000)	(16.2%)
Chemicals	3,837	3,000	4,000	1,000	33.3%
Safety Equipment	1,439	1,000	1,000	-	0.0%
Laboratory Equipment and Supplies	13,213	3,000	5,000	2,000	66.7%
Other Materials and Supplies	692	-	100	100	100.0%
Contracted Services	-	127,000	129,000	2,000	1.6%
Materials and Maintenance	117,364	235,000	225,100	(9,900)	(4.2%)
<b>Sewer Charges</b>					
Metro O&M Costs	617,686	988,800	1,041,900	53,100	5.4%
Spring Valley Sewer Charge	224,105	235,000	247,000	12,000	5.1%
Total Sewer Charges	841,791	1,223,800	1,288,900	65,100	5.3%
<b>Total Materials and Maintenance</b>	<b>\$ 959,155</b>	<b>\$ 1,458,800</b>	<b>\$ 1,514,000</b>	<b>\$ 55,200</b>	<b>3.8%</b>



**General Revenues  
and  
Expenditures**





## GENERAL REVENUES

	FY 2007 Actual	FY 2008 Budget	FY 2009 Budget	Budget Variance	Variance %
Capacity Fee Revenues	\$ 1,536,911	\$ 1,414,500	1,301,900	\$ (112,600)	(8.0%)
Betterment Fees for Maintenance	-	73,300	895,900	822,600	1122.2%
Annexation Fees	2,119,886	1,464,500	483,600	(980,900)	(67.0%)
<u>Tax Revenues</u>					
1% General Tax	2,930,494	3,328,700	3,430,000	101,300	3.0%
Availability Fees	715,664	675,100	707,300	32,200	4.8%
Total Tax Revenues	3,646,158	4,003,800	4,137,300	133,500	3.3%
<b>General Revenues</b>	<b>\$ 7,302,955</b>	<b>\$ 6,956,100</b>	<b>\$ 6,818,700</b>	<b>\$ (137,400)</b>	<b>(2.0%)</b>

## NON-OPERATING REVENUES

	FY 2007 Actual	FY 2008 Budget	FY 2009 Budget	Budget Variance	Variance %
Property Rental	\$ 914,403	\$ 894,200	\$ 1,052,600	158,400	17.7%
Sewer Billing Fees	354,815	355,500	359,900	4,400	1.2%
Set-up Fee for Lease Site	10,000	18,000	14,000	(4,000)	(22.2%)
Grants	14,246	197,000	50,500	(146,500)	(74.4%)
Revenue from Shared Facility		-	26,400	26,400	100.0%
Miscellaneous	774,671	215,500	129,700	(85,800)	(39.8%)
<b>Non-Operating Revenues</b>	<b>\$ 2,068,134</b>	<b>\$ 1,680,200</b>	<b>\$ 1,633,100</b>	<b>\$ (47,100)</b>	<b>(2.8%)</b>

## GENERAL AND NON-OPERATING REVENUES BY BUSINESS

	FY 2009 Budget			
	Potable	Recycled	Sewer	Total
Capacity Fee Revenues	\$ 1,301,900	\$ -	\$ -	\$ 1,301,900
Betterment Fees for Maintenance	895,900	-	-	895,900
Annexation Fees	483,600	-	-	483,600
<u>Tax Revenues</u>				-
1% Property Tax	3,430,000	-	-	3,430,000
Availability Fees	650,900	-	56,400	707,300
Total Tax Revenues	4,080,900	-	56,400	4,137,300
<u>Non-Operating Revenues</u>				
Property Rental	1,052,600	-	-	1,052,600
Sewer Billing Fees	359,900	-	-	359,900
Set-up Fee for Lease Site	14,000	-	-	14,000
Grants	50,500	-	-	50,500
Revenue from Shared Facility		-	26,400	26,400
Miscellaneous	129,700	-	-	129,700
Total Non-Operating Revenues	1,606,700	-	26,400	1,633,100
<b>Total General and Non-Operating Revenues</b>	<b>\$ 8,369,000</b>	<b>\$ -</b>	<b>\$ 82,800</b>	<b>\$ 8,451,800</b>

## GENERAL EXPENSES

	<b>FY 2007</b>	<b>FY 2008</b>	<b>FY 2009</b>	<b>Budget</b>	<b>Variance</b>
	<b>Actual</b>	<b>Budget</b>	<b>Budget</b>	<b>Variance</b>	<b>%</b>
<u>Administrative Expenses</u>					
Legal Fees	\$ 1,224,441	\$ 1,209,000	\$ 467,500	\$ (741,500)	(61.3%)
General Insurance	382,192	467,300	504,800	37,500	8.0%
Interest	667	-	-	-	0.0%
Total Administrative Expenses	<u>1,607,300</u>	<u>1,676,300</u>	<u>972,300</u>	<u>(704,000)</u>	<u>(42.0%)</u>
<u>Benefits</u>					
Benefits	214,202	10,000	(188,300)	(198,300)	(1983.0%)
<b>Total General Expenses</b>	<b><u>\$ 1,821,502</u></b>	<b><u>\$ 1,686,300</u></b>	<b><u>\$ 784,000</u></b>	<b><u>\$ (902,300)</u></b>	<b><u>(53.5%)</u></b>



# **Departmental Operating Budget**

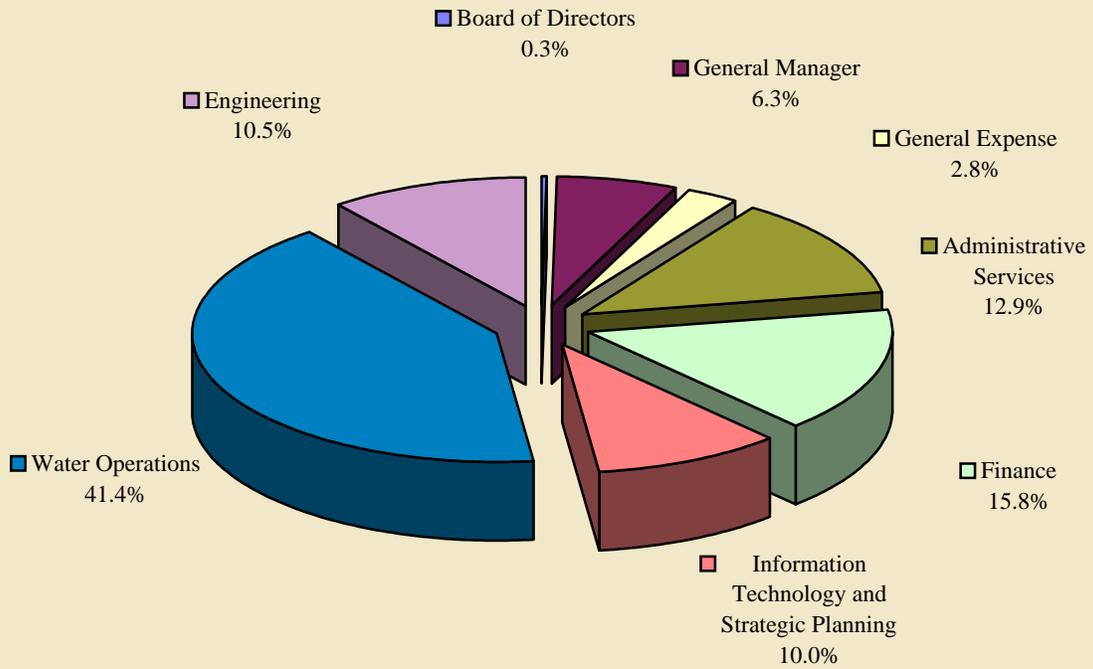


# DEPARTMENTAL OPERATING BUDGET

## TOTAL DEPARTMENTAL OPERATING BUDGET

Fiscal Year 2009

\$28,216,700



	<b>FY07 Actual</b>	<b>FY08 Budget</b>	<b>FY08 Estimated</b>	<b>FY09 Budget</b>
<b>Total Labor Costs</b>	\$ 9,571,332	\$ 10,402,700	\$ 10,450,300	
<b>Benefits</b>				
Pension	2,646,045	3,129,500	3,080,200	
Employee Assistance Program	7,575	7,500	7,500	
Worker's Compensation	314,130	287,800	278,000	
Health/Dental/Life Insurance	2,244,685	1,669,800	1,569,800	
Social Security / Medicare	798,752	904,600	878,000	
Salary Continuation Insurance	71,355	74,900	80,000	
Employee Awards	18,168	-	20,000	
State Unemployment Insurance	1,304	10,000	20,000	
Vacation / Sick / Holiday / Other Leave	1,745,843	1,911,000	1,869,100	
<b>Total Fringe Benefits</b>	<b>7,847,857</b>	<b>7,995,100</b>	<b>7,802,600</b>	
<b>Total Labor &amp; Benefits</b>	<b>17,419,189</b>	<b>18,397,800</b>	<b>18,252,900</b>	
<b>Less: Non-Operating Labor &amp; Benefits</b>				
Labor Costs	943,765	1,192,100	882,000	
Fringe Benefits Allocation	557,116	735,600	658,500	
Total WO Allocation	1,500,881	1,927,700	1,540,500	
<b>Operating Labor &amp; Benefits</b>	<b>15,918,308</b>	<b>16,470,100</b>	<b>16,712,400</b>	
Total Overhead Allocation	1,085,330	1,370,900	1,014,300	
<b>Less: Overhead Allocation Personnel Portion</b>	<b>685,386</b>	<b>865,700</b>	<b>640,530</b>	
<i>Admin Portion of OH (36.85%)</i>	<i>\$ 399,944</i>	<i>\$ 505,200</i>	<i>\$ 373,770</i>	
<b>Operating Labor &amp; Benefits</b>	<b>\$ 15,232,922</b>	<b>\$ 15,604,400</b>	<b>\$ 16,071,870</b>	

**FULL TIME EQUIVALENT (FTE)  
COMPARISON BY DEPARTMENT**

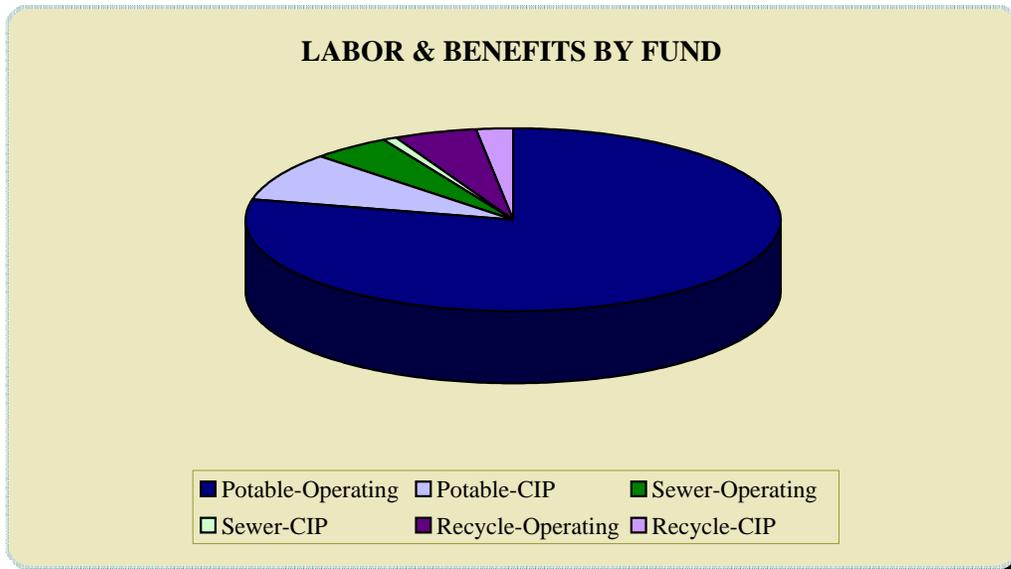
	GM	ADM	FIN	IT	OPS	ENG	Total
FY 07-08	6	20	35.75	13	71	27	172.75
FY 08-09	6	20	36.75	13	70	23	168.75

180  
 160  
 140  
 120  
 100  
 80  
 60  
 40  
 20  
 0

GM.....General Manager  
 ADM....Administrative Services  
 FIN.....Finance  
 IT.....Information Technology  
 & Strategic Planning  
 OPS.....Water Operations  
 ENG.....Engineering & Planning  
 DEV.....Development Services

## LABOR & BENEFITS BY FUND - FISCAL YEAR 2009

	<u>Potable</u>	<u>Sewer</u>	<u>Recycle</u>	<u>Developer Reimbursed-CIP</u>	<u>Total</u>
Total Operating Labor Costs	\$ 8,497,800	\$ 344,000	\$ 368,800	\$ -	\$ 9,210,600
Benefits	6,762,100	238,800	258,600	-	7,259,500
Overhead Allocation-Personnel Portion	(1,383,300)	249,800	267,800	-	(865,700)
<b>Total Operating Labor &amp; Benefits</b>	<b>13,876,600</b>	<b>832,600</b>	<b>895,200</b>	<b>-</b>	<b>15,604,400</b>
Total CIP Labor Costs	\$ 645,800	\$ 56,500	\$ 167,800	\$ 322,000	\$ 1,192,100
Benefits	397,900	33,300	99,300	205,100	735,600
Overhead Allocation-Personnel Portion	469,000	41,000	121,800	233,900	865,700
<b>Total CIP Labor &amp; Benefits</b>	<b>1,512,700</b>	<b>130,800</b>	<b>388,900</b>	<b>761,000</b>	<b>2,793,400</b>
<b>Total Labor &amp; Benefits</b>	<b>15,389,300</b>	<b>963,400</b>	<b>1,284,100</b>	<b>761,000</b>	<b>18,397,800</b>



## POSITION COUNT BY DEPARTMENT

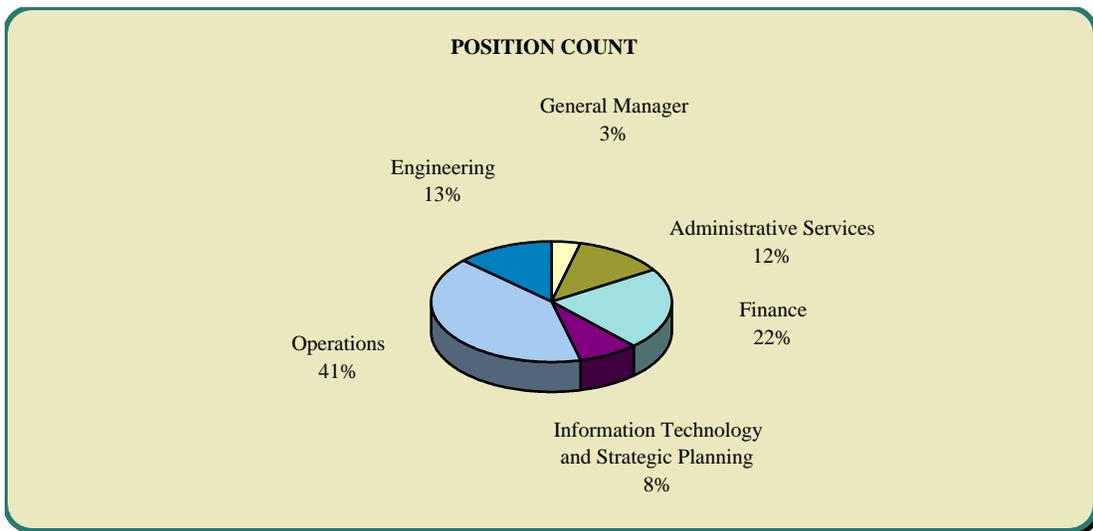
	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
<b><u>General Manager:</u></b>			
General Manager	1	1	1
Assistant General Manager, Finance and Admin	1	1	1
Assistant General Manager, Eng. and Ops.	1	1	1
District Secretary	1	1	1
Assistant District Secretary	1	1	1
Communications Officer	1	1	1
<b>Total</b>	<u>6</u>	<u>6</u>	<u>6</u>
<b>Total - General Manager Department</b>			
	<b>6</b>	<b>6</b>	<b>6</b>
<b>FTE</b>	<b>6.00</b>	<b>6.00</b>	<b>6.00</b>
<b><u>Administrative Services:</u></b>			
Chief, Administrative Services	1	1	1
Confidential Secretary	1	2	2
Office Assistant	1	0	0
<b>Total</b>	<u>3</u>	<u>3</u>	<u>3</u>
<b><u>Human Resources:</u></b>			
Human Resources Manager	1	1	1
Senior Human Resources Analyst	1	1	1
Human Resources Analyst	1	2	1
Human Resources Technician	1	1	1
<b>Total</b>	<u>4</u>	<u>5</u>	<u>4</u>
<b><u>Purchasing:</u></b>			
Purchasing and Facilities Manager	1	1	1
Buyer I and II	1	2	2
Assistant Buyer	1	0	0
Lead Warehouse Worker	1	0	0
Lead Warehouse/Facilities Worker	0	1	1
Warehouse/Delivery Worker	2	2	2
Facilities Maintenance Technician	2	2	2
Facilities Maintenance Assistant	1	1	1
<b>Total</b>	<u>9</u>	<u>9</u>	<u>9</u>
<b><u>Safety:</u></b>			
Safety and Risk Administrator	1	0	0
Safety & Security Administrator	0	1	1
<b>Total</b>	<u>1</u>	<u>1</u>	<u>1</u>
<b><u>Conservation:</u></b>			
Water Conservation Manager	1	1	1
Water Conservation Specialist	1	1	2
<b>Total</b>	<u>2</u>	<u>2</u>	<u>3</u>
<b>Total Administrative Services Department</b>			
	<b>19</b>	<b>20</b>	<b>20</b>
<b>FTE</b>	<b>19.00</b>	<b>20.00</b>	<b>20.00</b>

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
<b><u>Controller and Budgetary Services:</u></b>			
Chief Financial Officer	1	1	1
Executive Secretary	1	1	1
Secretary (Part-Time)	0	1	1
Finance Manager, Controller and Budget	1	1	1
Senior Accountant	2	2	2
Accountant	1	1	1
Office Assistant (Part-Time)	1	0	0
<b>Total</b>	<u>7</u>	<u>7</u>	<u>7</u>
<b><u>Treasury and Accounting Services:</u></b>			
Finance Manager, Treasury and Accounting	1	1	1
Senior Accountant	2	2	2
Accountant	3	3	3
<b>Total</b>	<u>6</u>	<u>6</u>	<u>6</u>
<b><u>Customer Service:</u></b>			
Customer Service Manager	1	1	1
Customer Service Supervisor	1	1	2
Sr. Customer Service Representative	0	2	2
Customer Service Representative I, II, III	9	8	8
Lead Customer Service Field Representative	1	1	1
Customer Service Field Representative I and II	6	6	6
<b>Total</b>	<u>18</u>	<u>19</u>	<u>20</u>
<b><u>Payroll and Accounts Payable:</u></b>			
Finance Supervisor, Payroll and Accounts Payable	1	1	1
Payroll Technician	1	1	1
Accounting Assistant	2	2	2
<b>Total</b>	<u>4</u>	<u>4</u>	<u>4</u>
<b>Total Finance Department</b>			
	<b>35</b>	<b>36</b>	<b>37</b>
<b>FTE</b>	<b>34.75</b>	<b>35.75</b>	<b>36.75</b>
<b><u>Information Technology and Strategic Planning:</u></b>			
Chief Information Officer	1	1	1
GIS Manager	0	1	1
GIS Supervisor	1	0	0
IT Operations Manager	0	1	1
IT Operations Supervisor	1	0	0
GIS Programmer/Analyst	0	1	1
GIS Technician	2	2	2
Computer Systems Administrator	1	0	0
Network Engineer	0	1	1
Database Administrator	1	1	1
Business System Analyst I and II	3	3	3
Network Analyst	1	1	1
Records Assistant	1	1	1
Program and Systems Support Analyst	1	0	0
<b>Total</b>	<u>13</u>	<u>13</u>	<u>13</u>
<b>Total IT and Strategic Planning Department</b>			
	<b>13</b>	<b>13</b>	<b>13</b>
<b>FTE</b>	<b>13.00</b>	<b>13.00</b>	<b>13.00</b>

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
<b><u>Operations Management:</u></b>			
Chief, Water Operations	1	1	1
Executive Secretary	1	1	1
<b>Total</b>	<u>2</u>	<u>2</u>	<u>2</u>
<b><u>Water System Operations:</u></b>			
System Operations Manager	1	1	1
Water Systems Supervisor	2	1	1
Pump Electrical Supervisor	1	1	1
Recycled Water Systems Supervisor	0	0	1
Lead Water Systems Operator	2	2	2
Water Systems Operator I, II, and III	9	9	9
Valve Maintenance Worker	1	1	1
Sr. Disinfection Technician	1	2	1
Disinfection Technician	1	0	1
Lead Recycled Water Distribution Operator	0	1	1
Recycled Water Distribution Operator	3	3	3
Senior SCADA Instrumentation Technician	2	2	1
SCADA Instrumentation Technician	0	0	1
Electrician I and II	2	2	2
Pump Mechanic I and II	2	2	2
<b>Total</b>	<u>27</u>	<u>27</u>	<u>28</u>
<b><u>Utility Maintenance/Construction:</u></b>			
Construction Maintenance Manager	1	1	1
Utility Maintenance Supervisor	2	2	2
Utility Crew Leader	5	5	5
Utility Workers I and II	10	10	10
Senior Utility/Equipment. Operator	4	4	3
Equipment Shop Supervisor	1	0	0
Fleet Maintenance Supervisor	0	1	1
Equipment Shop Mechanic I and II	4	4	3
Welder II	1	1	1
Meter Maintenance/Cross Connect Supervisor	1	1	1
Lead Cross Connection/ Meter Maintenance Worker	1	1	1
Meter Maintenance Worker I and II	5	5	5
<b>Total</b>	<u>35</u>	<u>35</u>	<u>33</u>

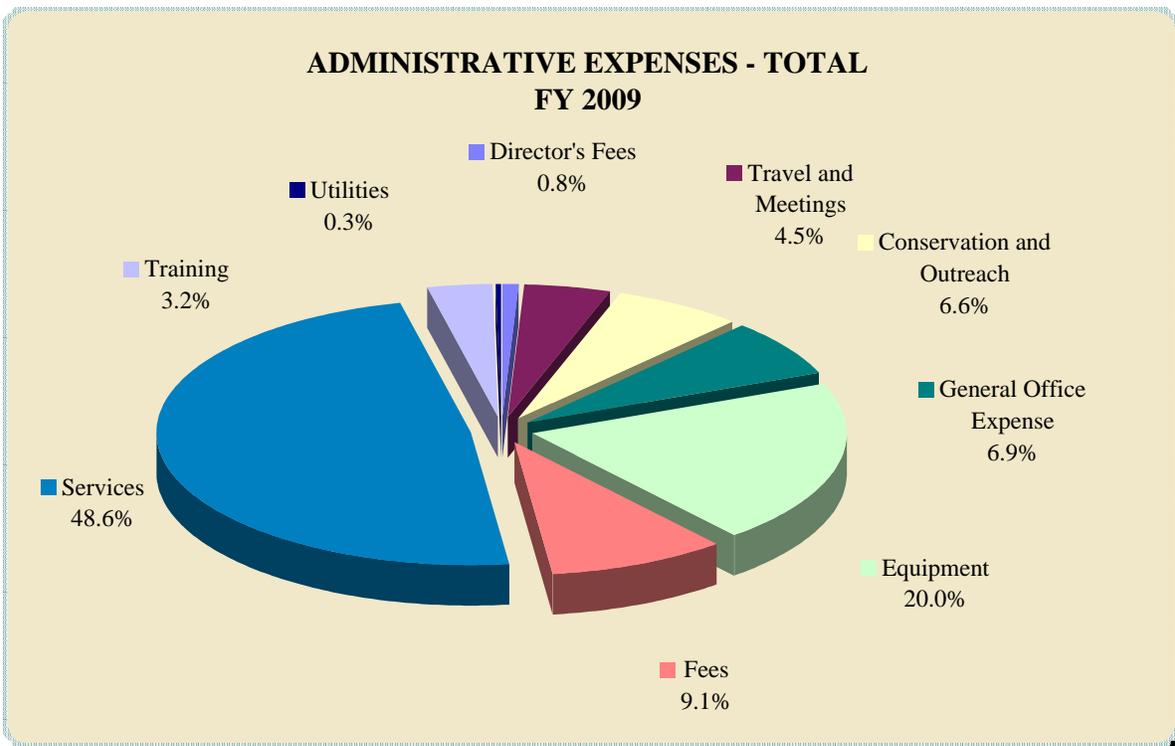
	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
<b><u>Collection/Treatment/Reclamation Operations:</u></b>			
Reclamation Plant Supervisor	1	1	1
Lead Reclamation Plant Operator	0	1	1
Reclamation Plant Operator	3	3	3
Water System Technician	1	0	0
Laboratory Technicians I and II	2	2	2
<b>Total</b>	<u>7</u>	<u>7</u>	<u>7</u>
<b>Total Operations Department</b>			
	<b>71</b>	<b>71</b>	<b>70</b>
<b>FTE</b>	<b>71.00</b>	<b>71.00</b>	<b>70.00</b>
<b><u>Engineering Management:</u></b>			
Chief, Engineering	0	1	1
Chief, Engineering & Planning	1	0	0
Chief, Development Services	1	0	0
Executive Secretary	1	1	1
Secretary	1	1	1
<b>Total</b>	<u>4</u>	<u>3</u>	<u>3</u>
<b><u>Engineering:</u></b>			
Engineering Manager	2	2	2
Public Services Manager	1	1	1
Senior Civil Engineer	3	2	2
Associate Civil Engineer	2	3	2
Assistant Civil Engineer	3	1	0
Environmental Compliance Specialist	0	1	1
Permit Technicians I and II	0	2	2
Senior Engineering Technician	0	0	3
Engineer Technician I, II, III	7	4	0
Inspection Supervisor	1	1	1
Construction Inspectors I and II	4	4	3
Surveying Supervisor	1	1	1
Survey Technician	1	1	1
Assistant Survey Technician	1	1	1
Office Assistant	1	0	0
<b>Total</b>	<u>27</u>	<u>24</u>	<u>20</u>
<b>Total Engineering Department</b>			
	<b>31</b>	<b>27</b>	<b>23</b>
<b>FTE</b>	<b>31.00</b>	<b>27.00</b>	<b>23.00</b>
<b>District Total Position Count</b>			
	<b>175</b>	<b>173</b>	<b>169</b>
<b>FTE</b>	<b>174.75</b>	<b>172.75</b>	<b>168.75</b>

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
<b>Contract/Temporary Employees</b>			
Consultant (T. Herron)	0	0	1
Customer Service Field Representative I and II	2	2	2
Customer Service Representative I and II	1	0	0
Water Conservation Intern	0	1	0
Administrative Analyst	0	1	1
County Water Authority Interns	1	1	1
Engineering Intern	1	1	1
<b>Total Contract/Temporary Employees</b>	<b>5</b>	<b>6</b>	<b>6</b>



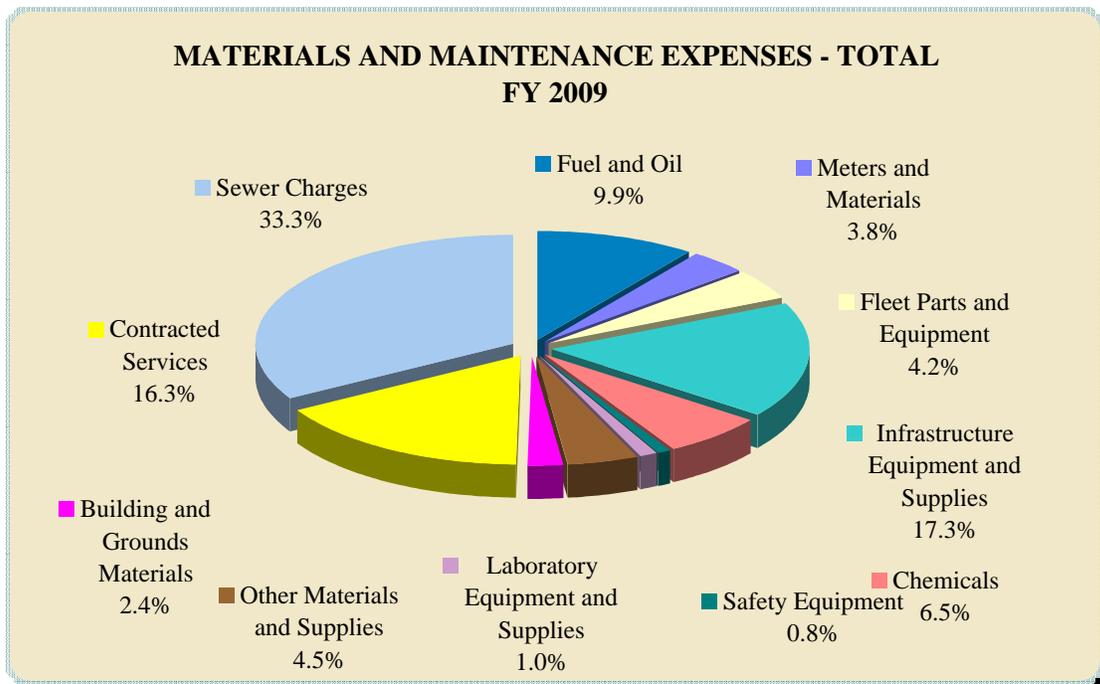
## ADMINISTRATIVE EXPENSES - TOTAL

	FY 2007 Actual	FY 2008 Budget	FY 2009 Budget	Budget Variance	%
Director's Fees	\$ 18,700	\$ 48,000	\$ 40,000	(8,000)	(16.7%)
Travel and Meetings	158,506	270,900	239,400	(31,500)	(11.6%)
Conservation and Outreach	168,831	481,800	348,000	(133,800)	(27.8%)
General Office Expense	344,782	359,400	364,900	5,500	1.5%
Equipment	902,185	1,018,300	1,052,100	33,800	3.3%
Fees	421,420	382,400	480,500	98,100	25.7%
Services	2,135,021	3,063,300	2,555,500	(507,800)	(16.6%)
Training	97,772	173,100	167,600	(5,500)	(3.2%)
Utilities	12,870	14,000	15,600	1,600	11.4%
Miscellaneous	212	-	150,000	150,000	100.0%
<b>Total</b>	<b>4,260,300</b>	<b>5,811,200</b>	<b>5,413,600</b>	<b>(397,600)</b>	<b>(6.8%)</b>
Less: Overhead Allocation	(399,944)	(676,500)	(450,800)	225,700	(33.4%)
Subtotal	3,860,356	5,134,700	4,962,800	(171,900)	(3.3%)
General Expenses	1,607,300	1,676,300	972,300	(704,000)	(42.0%)
<b>Administrative Expenses - Total</b>	<b>\$ 5,467,656</b>	<b>\$ 6,811,000</b>	<b>\$ 5,935,100</b>	<b>\$ (875,900)</b>	<b>(12.9%)</b>



## MATERIALS AND MAINTENANCE EXPENSES - TOTAL

	FY 2007 Actual	FY 2008 Budget	FY 2009 Budget	Budget Variance	%
<b>Materials and Maintenance</b>					
Fuel and Oil	\$ 418,765	\$ 597,000	\$ 382,500	(214,500)	(35.9%)
Meters and Materials	322,038	314,400	148,500	(165,900)	(52.8%)
Fleet Parts and Equipment	159,801	163,100	164,000	900	0.6%
Infrastructure Equipment and Supplies	726,457	732,500	667,500	(65,000)	(8.9%)
Chemicals	265,909	294,000	250,000	(44,000)	(15.0%)
Safety Equipment	21,579	17,200	31,300	14,100	82.0%
Laboratory Equipment and Supplies	45,747	37,000	40,000	3,000	8.1%
Other Materials and Supplies	287,229	236,500	174,300	(62,200)	(26.3%)
Building and Grounds Materials	109,016	122,000	93,000	(29,000)	(23.8%)
Contracted Services	502,890	715,400	632,800	(82,600)	(11.5%)
Materials and Maintenance	<u>2,859,430</u>	<u>3,229,100</u>	<u>2,583,900</u>	<u>(645,200)</u>	<u>(20.0%)</u>
<b>Sewer Charges</b>					
Metro O&M Costs	617,686	988,800	1,041,900	53,100	5.4%
Spring Valley Sewer Charge	224,105	235,000	247,000	12,000	5.1%
Total Sewer Charges	<u>841,791</u>	<u>1,223,800</u>	<u>1,288,900</u>	<u>65,100</u>	<u>5.3%</u>
<b>Total Materials and Maintenance</b>	<b><u>\$ 3,701,221</u></b>	<b><u>\$ 4,452,900</u></b>	<b><u>\$ 3,872,800</u></b>	<b><u>\$ (580,100)</u></b>	<b><u>(13.0%)</u></b>



## OPERATING EXPENDITURES BY DEPARTMENT

	FY 2007 Actual	FY 2008 Budget	FY 2009 Budget
Departmental Expenditures			
Board of Directors	\$ 27,805	\$ 111,700	\$ 98,800
General Manager	1,387,654	1,485,500	1,768,800
General Expense	1,821,502	1,686,300	784,000
Administrative Services	3,287,262	3,868,200	3,640,100
Finance	3,911,212	3,994,200	4,471,600
Information Technology and Strategic Planning	2,421,856	2,705,900	2,819,800
Water Operations	9,903,566	11,253,200	11,678,900
Engineering <sup>(1)</sup>	2,726,271	3,305,600	2,954,700
Total Departmental Expenditures	25,487,129	28,410,600	28,216,700
Less: Overhead Allocation	(1,085,330)	(1,370,900)	(1,223,400)
Net Departmental Expenditures	24,401,799	27,039,700	26,993,300
Non-Departmental Expenditures			
Water Purchases	27,516,154	30,077,500	31,584,700
Power	2,489,978	2,804,800	2,780,500
Expansion Reserve	-	2,590,200	4,810,000
Betterment Reserve	-	3,432,900	-
Replacement Reserve	6,657,369	235,400	274,500
Total Non-Departmental Expenditures	36,663,501	39,140,800	39,449,700
<b>TOTAL OPERATING EXPENDITURES</b>	<b>\$ 61,065,300</b>	<b>\$ 66,180,500</b>	<b>\$ 66,443,000</b>

## OPERATING EXPENDITURES BY OBJECT

	FY 2007 Actual	FY 2008 Budget	FY 2009 Budget
Departmental Expenditures			
Labor and Benefits	\$ 15,918,308	\$ 16,470,200	\$ 17,958,000
Director's Fees	18,700	48,000	40,000
Travel and Meetings	158,506	270,900	239,400
Conservation and Outreach	168,831	481,800	348,000
General Office Expense	344,782	359,400	364,900
Equipment	902,185	1,018,300	1,052,100
Fees	2,028,053	2,058,700	1,452,800
Services	2,135,021	3,063,300	2,555,500
Training	97,772	173,100	167,600
Materials & Maintenance	2,859,430	3,229,100	2,583,900
Power and Utilities	12,870	14,000	15,600
Sewer Charges	841,791	1,223,800	1,288,900
Miscellaneous	212	-	150,000
Interest	667	-	-
Total Departmental Expenditures	25,487,129	28,410,600	28,216,700
Less: Overhead Allocation	(1,085,330)	(1,370,900)	(1,223,400)
Net Departmental Expenditures	24,401,799	27,039,700	26,993,300
Non-Departmental Expenditures			
Water Purchases	27,516,154	30,077,500	31,584,700
Power	2,489,978	2,804,800	2,780,500
Debt Service	-	-	-
Expansion Reserve	-	2,590,200	4,810,000
Betterment Reserve	-	3,432,900	-
Replacement Reserve	6,657,369	235,400	274,500
Total Non-Departmental Expenditures	36,663,501	39,140,800	39,449,700
<b>TOTAL OPERATING EXPENDITURES</b>	<b>\$ 61,065,300</b>	<b>\$ 66,180,500</b>	<b>\$ 66,443,000</b>

**Board of Directors**





# BOARD OF DIRECTORS

## Mission Statement

*To provide save, reliable water, recycled water and wastewater services to our community in an innovative, cost efficient, water-wise and environmentally responsible manner.*

Division 4



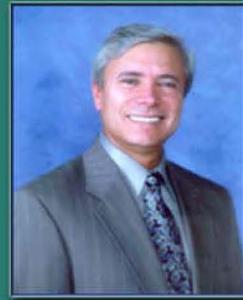
Jose Jopez  
Vice President

Division 3



Gary Croucher  
President

Division 2



Jaime Bonilla  
Treasurer

Division 1



Larry Breitfelder

Division 5



Mark Robak

Division Title

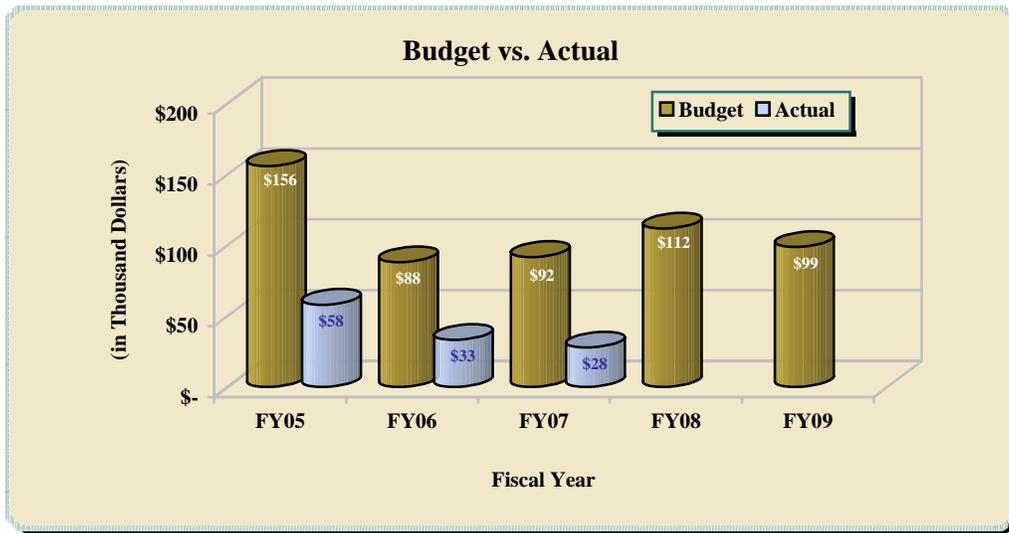
Division No.

Board of Directors

1111

# BOARD OF DIRECTORS

Board of Directors	FY 2007 Actual	FY 2008 Budget	FY 2009 Budget
Benefits	\$ 1,740	\$ 40,000	\$ 40,000
Director's Fees	18,700	48,000	40,000
Travel and Meetings	7,366	23,700	18,800
<b>Total</b>	<b>\$ 27,805</b>	<b>\$ 111,700</b>	<b>\$ 98,800</b>



OTAY WATER DISTRICT  
**DIVISION 1111 - BOARD OF DIRECTORS**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Benefits:	Operating Expense	40,000
	Work Orders	-
	Total Benefits	40,000

	Total Operating Expense	40,000
	Total Work Orders	-
	Total Labor & Benefits	40,000

ADMINISTRATIVE EXPENSES

	Directors Fees	40,000
	Travel and Meetings	18,800
	Total Administrative Expenses	58,800

<b>TOTAL DIVISION COSTS</b>		<b>\$ 98,800</b>
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**General Manager**





# GENERAL MANAGER

## Mission Statement

To provide the best quality of water and wastewater service to the customers of the Otoy 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.

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## Key Challenges

“The Otoy Water District faces unprecedented growth necessitating the acquisition and development of water treatment and supply opportunities, infrastructure expansion and improvements, and enhanced customer services. The District faces an environment of escalating costs, increasing regulatory compliance and uncertainty, customer demands for continuously improving services, and competition for resources. The key challenge for the District is to find the best solutions that balance Otoy’s requirements with these significant constraints.”

---

## General Manager’s Vision

“A District that is at the forefront in innovations to provide water services at affordable rates, with a reputation for outstanding customer service.”

- Mark Watton



<u>Division Title</u>	<u>Division No.</u>
General Manager .....	1111
Assistant General Manager, Finance and Administrative Services ...	2111
Assistant General Manager, Engineering and Operations .....	3111

District Secretary

Legal  
(Contracted)

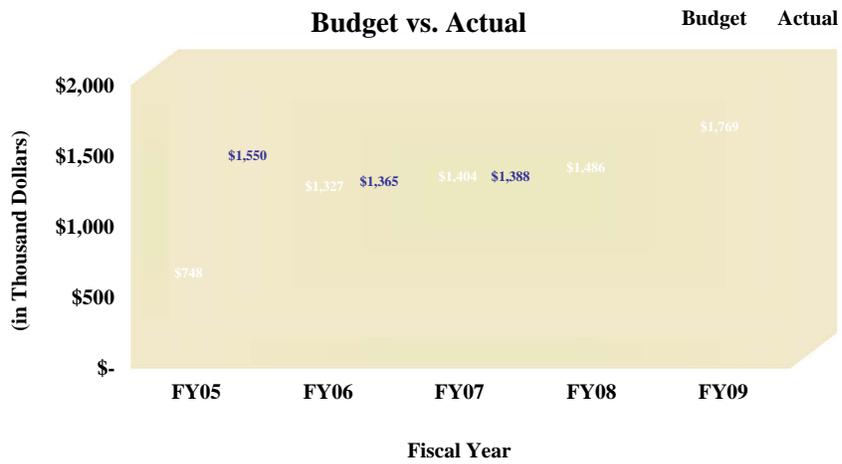
Communications  
Officer

Assistant General Manager,  
Finance and Administration

Assistant General Manager,  
Engineering and Operations

<b>Personnel Count</b>	<b>FY 2007</b>	<b>FY 2008</b>	<b>FY 2009</b>
General Manager	1	1	1
Assistant General Manager, Finance and Administration	1	1	1
Assistant General Manager, Engineering and Operations	1	1	1
District Secretary	1	1	1
Assistant District Secretary	1	1	1
Communications Officer	1	1	1
<b>Total</b>	<b>6</b>	<b>6</b>	<b>6</b>

	<b>FY 2007 Actual</b>	<b>FY 2008 Budget</b>	<b>FY 2009 Budget</b>
Labor and Benefits	\$ 1,103,014	\$ 1,098,600	\$ 1,403,400
Travel and Meetings	75,924	95,600	93,500
Conservation and Outreach	2,110	5,000	7,000
General Office Expense	19,133	8,300	9,000
Equipment	134	3,000	3,000
Fees	31,086	32,000	45,000
Services	156,040	240,500	207,000
Training	-	2,500	900
Miscellaneous	212	-	-
<b>Total</b>	<b>\$ 1,387,654</b>	<b>\$ 1,485,500</b>	<b>\$ 1,768,800</b>



OTAY WATER DISTRICT  
**DIVISION 1211 - GENERAL MANAGER**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 414,500
	Work Orders	-
	Total Labor	414,500
Benefits:	Operating Expense	285,200
	Work Orders	-
	Total Benefits	285,200
	Total Operating Expense	699,700
	Total Work Orders	-
	Total Labor & Benefits	699,700

ADMINISTRATIVE EXPENSES

Travel and Meetings	84,400
Conservation and Outreach	7,000
General Office Expense	9,000
Equipment	3,000
Fees	45,000
Services	207,000
Training	900
Total Administrative Expenses	356,300

**TOTAL DIVISION COSTS** **\$ 1,056,000**

OTAY WATER DISTRICT  
**DIVISION 1221 - LEGAL**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 142,000
	Work Orders	-
	Total Labor	142,000
Benefits:	Operating Expense	36,300
	Work Orders	-
	Total Benefits	36,300
	Total Operating Expense	178,300
	Total Work Orders	-
	Total Labor & Benefits	178,300
<b>TOTAL DIVISION COSTS</b>		<b>\$ 178,300</b>

OTAY WATER DISTRICT  
**DIVISION 2111 - ASSISTANT GENERAL MANAGER - FINANCE AND ADMINISTRATIVE SERVICES**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 162,000
	Work Orders	-
	Total Labor	162,000
Benefits:	Operating Expense	106,700
	Work Orders	-
	Total Benefits	106,700
	Total Operating Expense	268,700
	Total Work Orders	-
	Total Labor & Benefits	268,700
<b>TOTAL DIVISION COSTS</b>		<b>\$ 272,300</b>

OTAY WATER DISTRICT  
**DIVISION 3111 - ASSISTANT GENERAL MANAGER - ENGINEERING AND OPERATIONS**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 158,900
	Work Orders	-
	Total Labor	158,900
Benefits:	Operating Expense	97,800
	Work Orders	-
	Total Benefits	97,800
	Total Operating Expense	256,700
	Total Work Orders	-
	Total Labor & Benefits	256,700
ADMINISTRATIVE EXPENSES		
	Travel and Meetings	5,500
	Total Administrative Expenses	5,500
<b>TOTAL DIVISION COSTS</b>		<b>\$ 262,200</b>

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# **Administrative Services**





# ADMINISTRATIVE SERVICES

## Mission Statement

*To provide support to the Board of Directors, the General Manager, and, District staff to meet objectives in satisfying the needs of our customers by providing, through best management practices, the full range of employer and employee services, administrative services, risk management, and water conservation.*



<u>Division Title</u>	<u>Division No.</u>
Administrative Services Chief . . . . .	2211
Human Resources . . . . .	2221
Purchasing and Facilities . . . . .	2231
Safety and Risk Administration . . . . .	2241
Water Conservation . . . . .	2251

Human  
Resources

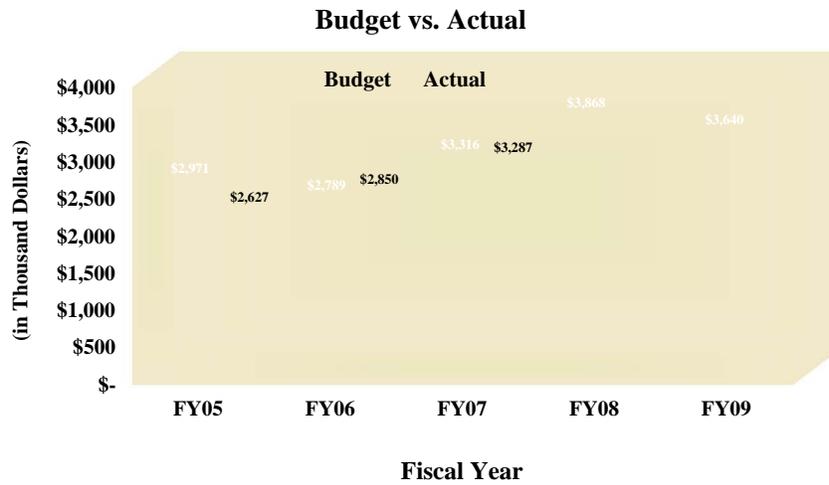
Purchasing and  
Facilities

Safety and  
Risk  
Administration

Water  
Conservation

<b>Personnel Count</b>	<b>FY 2007</b>	<b>FY 2008</b>	<b>FY 2009</b>
Chief, Administrative Services	1	1	1
Confidential Secretary	1	2	2
Office Assistant	1	0	0
Human Resources Manager	1	1	1
Senior Human Resources Analyst	1	1	1
Human Resources Analyst	1	2	1
Human Resources Technician	1	1	1
Purchasing & Facilities Manager	1	1	1
Buyer I and II	1	2	2
Assistant Buyer	1	0	0
Lead Warehouse Worker	1	0	0
Lead Warehouse Worker / Facilities Worker	0	1	1
Warehouse / Delivery Worker	2	2	2
Warehouse Assistant (PT)	0	0	0
Facilities Maintenance Technician	2	2	2
Facilities Maintenance Assistant	1	1	1
Safety & Security Administrator	1	1	1
Water Conservation Manager	1	1	1
Water Conservation Specialist	1	1	2
<b>Total</b>	<b>19</b>	<b>20</b>	<b>20</b>

	<b>FY 2007 Actual</b>	<b>FY 2008 Budget</b>	<b>FY 2009 Budget</b>
Labor and Benefits	\$ 1,890,549	\$ 2,052,800	\$ 2,226,600
Travel and Meetings	12,525	23,800	21,700
Conservation and Outreach	166,721	476,800	341,000
General Office Expense	113,525	115,400	132,800
Equipment	113,626	111,000	94,600
Fees	5,451	7,500	7,500
Services	520,185	446,400	330,600
Training	72,629	126,600	126,400
Materials & Maintenance	379,181	493,900	343,300
Power and Utilities	12,870	14,000	15,600
<b>Total</b>	<b>\$ 3,287,262</b>	<b>\$ 3,868,200</b>	<b>\$ 3,640,100</b>



OTAY WATER DISTRICT  
**DIVISION 2211 - ADMINISTRATIVE CHIEF**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 236,900
	Work Orders	-
	Total Labor	236,900
Benefits:	Operating Expense	155,100
	Work Orders	-
	Total Benefits	155,100
	Total Operating Expense	392,000
	Total Work Orders	-
	Total Labor & Benefits	392,000
ADMINISTRATIVE EXPENSES		
	Travel and Meetings	4,900
	Training	500
	Total Administrative Expenses	5,400
<b>TOTAL DIVISION COSTS</b>		<b>\$ 397,400</b>

OTAY WATER DISTRICT  
**DIVISION 2221 - HUMAN RESOURCES**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 303,600
	Work Orders	-
	Total Labor	303,600
Benefits:	Operating Expense	215,300
	Work Orders	-
	Total Benefits	215,300
	Total Operating Expense	518,900
	Total Work Orders	-
	Total Labor & Benefits	518,900

ADMINISTRATIVE EXPENSES

Travel and Meetings	8,600
General Office Expense	2,600
Services	156,900
Training	112,400
Total Administrative Expenses	280,500

<b>TOTAL DIVISION COSTS</b>	<b>\$ 799,400</b>
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OTAY WATER DISTRICT  
**DIVISION 2231 - PURCHASING**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 481,600
	Work Orders	-
	Total Labor	481,600
Benefits:	Operating Expense	369,300
	Work Orders	-
	Total Benefits	369,300
	Total Operating Expense	850,900
	Total Work Orders	-
	Total Labor & Benefits	850,900

ADMINISTRATIVE EXPENSES

Travel and Meetings	2,500
General Office Expense	121,200
Equipment	94,600
Services	107,100
Training	1,100
Utilities	15,600
Total Administrative Expenses	342,100

MATERIALS & MAINTENANCE

Building and Grounds Materials	64,000
Contracted Services	263,300
Total Materials & Maintenance	327,300

**TOTAL DIVISION COSTS**

**\$ 1,520,300**

OTAY WATER DISTRICT  
**DIVISION 2241 - SAFETY**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 72,600
	Work Orders	-
	Total Labor	72,600
Benefits:	Operating Expense	50,500
	Work Orders	-
	Total Benefits	50,500
	Total Operating Expense	123,100
	Total Work Orders	-
	Total Labor & Benefits	123,100

ADMINISTRATIVE EXPENSES

Travel and Meetings	400
General Office Expense	1,000
Fees	7,500
Services	57,000
Training	12,400
Total Administrative Expenses	78,300

MATERIALS & MAINTENANCE

Safety Equipment	16,000
Total Materials & Maintenance	16,000

**TOTAL DIVISION COSTS**

**\$ 217,400**

OTAY WATER DISTRICT  
**DIVISION 2251 - CONSERVATION**  
 FISCAL YEAR 2009 BUDGET

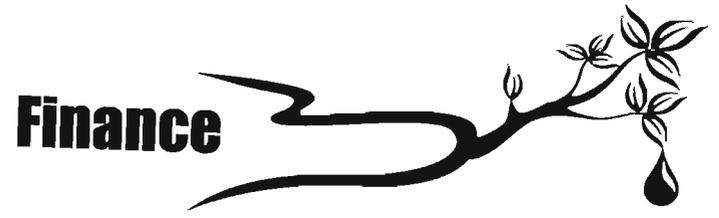
LABOR & BENEFITS

Labor:	Operating Expense	\$ 198,800
	Work Orders	-
	Total Labor	198,800
Benefits:	Operating Expense	142,900
	Work Orders	-
	Total Benefits	142,900
	Total Operating Expense	341,700
	Total Work Orders	-
	Total Labor & Benefits	341,700

ADMINISTRATIVE EXPENSES

Travel and Meetings	5,300
Conservation and Outreach	341,000
General Office Expense	8,000
Services	9,600
Total Administrative Expenses	363,900

<b>TOTAL DIVISION COSTS</b>	<b>\$ 705,600</b>
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# FINANCE

## Mission Statement

*To provide effective tracking of all financial impacts of the District's activities. Information is efficiently compiled and verified in accordance with regulatory requirements and is provided to management, the public, the Board, and other governing bodies in order to support quality decision making. The department's mission is also to safeguard District funds, pay all District financial obligations, and provide internal and external customers with prompt, reliable service and information.*



<u>Division Title</u>	<u>Division No.</u>
Finance Chief .....	2311
Controller and Budgetary Services .....	2321
Treasury and Accounting Services .....	2331
Customer Service .....	2341
Payroll and Accounts Payable .....	2251

Controller and  
Budgetary  
Services

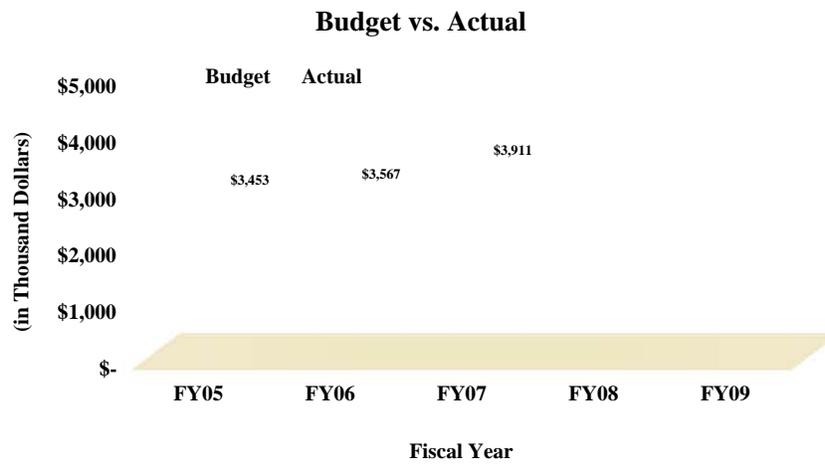
Treasury and  
Accounting Services

Customer  
Service

Payroll and  
Accounts Payable

<b>Personnel Count</b>	<b>FY 2007</b>	<b>FY 2008</b>	<b>FY 2009</b>
Chief Financial Officer	1	1	1
Executive Secretary	1	1	1
Secretary (Part-Time)	0	1	1
Finance Manager, Treasury and Accounting	1	1	1
Finance Manager, Controller and Budget	1	1	1
Finance Supervisor, Payroll and A/P	1	1	1
Customer Service Manager	1	1	1
Customer Service Supervisor	1	1	2
Senior Accountant	4	4	4
Accountant	4	4	4
Payroll Technician	1	1	1
Accounting Assistant	2	2	2
Senior Customer Service Representative	0	2	2
Customer Service Representative I, II and III	9	8	8
Lead Customer Service Field Representative	1	1	1
Customer Service Field Representative I and II	6	6	6
Office Assistant	0	0	0
Office Assistant (Part-Time)	1	0	0
<b>Total</b>	<b>35</b>	<b>36</b>	<b>37</b>

	<b>FY 2007 Actual</b>	<b>FY 2008 Budget</b>	<b>FY 2009 Budget</b>
Labor and Benefits	\$ 3,215,282	\$ 3,320,400	\$ 3,762,300
Travel and Meetings	17,381	26,900	19,900
General Office Expense	190,826	198,600	196,800
Equipment	1,422	1,600	8,600
Fees	325,440	244,000	280,000
Services	160,861	202,700	203,500
<b>Total</b>	<b>\$ 3,911,212</b>	<b>\$ 3,994,200</b>	<b>\$ 4,471,600</b>



OTAY WATER DISTRICT  
**DIVISION 2311 - FINANCE CHIEF**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 255,000
	Work Orders	-
	Total Labor	255,000
Benefits:	Operating Expense	152,900
	Work Orders	-
	Total Benefits	152,900
	Total Operating Expense	407,900
	Total Work Orders	-
	Total Labor & Benefits	407,900
ADMINISTRATIVE EXPENSES		
	Travel and Meetings	5,300
	General Office Expense	4,400
	Services	4,000
	Total Administrative Expenses	13,700
<b>TOTAL DIVISION COSTS</b>		<b>\$ 421,600</b>

OTAY WATER DISTRICT  
**DIVISION 2321 - CONTROLLER AND BUDGETARY SERVICES**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 312,800
	Work Orders	-
	Total Labor	312,800
Benefits:	Operating Expense	210,400
	Work Orders	-
	Total Benefits	210,400
	Total Operating Expense	523,200
	Total Work Orders	-
	Total Labor & Benefits	523,200
ADMINISTRATIVE EXPENSES		
	Travel and Meetings	3,400
	General Office Expense	1,400
	Services	17,100
	Total Administrative Expenses	21,900
<b>TOTAL DIVISION COSTS</b>		<b>\$ 545,100</b>

OTAY WATER DISTRICT  
**DIVISION 2331 - TREASURY AND ACCOUNTING SERVICES**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 419,600
	Work Orders	-
	Total Labor	419,600
Benefits:	Operating Expense	295,200
	Work Orders	-
	Total Benefits	295,200
	Total Operating Expense	714,800
	Total Work Orders	-
	Total Labor & Benefits	714,800

ADMINISTRATIVE EXPENSES

Travel and Meetings	4,200
General Office Expense	1,200
Fees	280,000
Services	5,000
Total Administrative Expenses	290,400

<b>TOTAL DIVISION COSTS</b>	<b>\$ 1,005,200</b>
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OTAY WATER DISTRICT  
**DIVISION 2341 - CUSTOMER SERVICE**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 1,002,300
	Work Orders	-
	Total Labor	1,002,300
Benefits:	Operating Expense	722,500
	Work Orders	-
	Total Benefits	722,500
	Total Operating Expense	1,724,800
	Total Work Orders	-
	Total Labor & Benefits	1,724,800

ADMINISTRATIVE EXPENSES

Travel and Meetings	5,600
General Office Expense	188,500
Equipment	8,600
Services	177,400
Training	500
Total Administrative Expenses	380,600

**TOTAL DIVISION COSTS** **\$ 2,105,400**

OTAY WATER DISTRICT  
**DIVISION 2351 - PAYROLL AND ACCOUNTS PAYABLE**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 213,300
	Work Orders	-
	Total Labor	213,300
Benefits:	Operating Expense	178,300
	Work Orders	-
	Total Benefits	178,300
	Total Operating Expense	391,600
	Total Work Orders	-
	Total Labor & Benefits	391,600
ADMINISTRATIVE EXPENSES		
	Travel and Meetings	1,400
	General Office Expense	1,300
	Total Administrative Expenses	2,700
<b>TOTAL DIVISION COSTS</b>		<b>\$ 394,300</b>

**Information Technology  
and  
Strategic Planning**





# INFORMATION TECHNOLOGY AND STRATEGIC PLANNING

## Mission Statement

*To provide the best quality technology in achieving the goals of the District in serving our customers and employees.*



<u>Division Title</u>	<u>Division No.</u>
IT Chief/Applications .....	2411
IT Operations .....	2321
Geographic Information System (GIS) .....	2331

IT  
Application

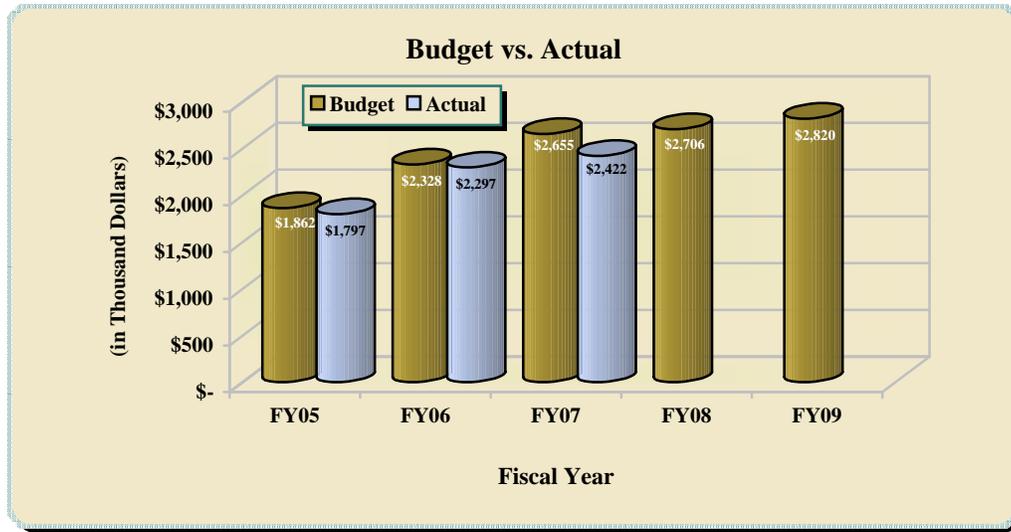
IT  
Operations

GIS

<b>Personnel Count</b>	<b>FY 2007</b>	<b>FY 2008</b>	<b>FY 2009</b>
Chief Information Officer	1	1	1
GIS Manager	0	1	1
GIS Supervisor	1	0	0
IT Operations Manager	0	1	1
IT Operations Supervisor	1	0	0
GIS Programmer/Analyst	0	1	1
GIS Technician	2	2	2
Computer Systems Administrator	1	0	0
Network Engineer	0	1	1
Database Administrator	1	1	1
Business System Analyst I and II	3	3	3
Network Analyst	1	1	1
Records Assistant	1	1	1
Program and Systems Support Analyst	1	0	0
<b>Total</b>	<b>13</b>	<b>13</b>	<b>13</b>

# INFORMATION TECHNOLOGY AND STRATEGIC PLANNING

	<b>FY 2007</b>	<b>FY 2008</b>	<b>FY 2009</b>
	<b>Actual</b>	<b>Budget</b>	<b>Budget</b>
Labor and Benefits	\$ 1,284,347	\$ 1,572,400	\$ 1,693,100
Travel and Meetings	10,716	19,400	18,100
General Office Expense	6,613	10,000	6,800
Equipment	718,690	825,900	862,600
Services	382,713	249,700	213,500
Training	18,776	28,500	25,700
<b>Total</b>	<b>\$ 2,421,856</b>	<b>\$ 2,705,900</b>	<b>\$ 2,819,800</b>



OTAY WATER DISTRICT  
**DIVISION 2411 - INFORMATION TECHNOLOGY AND STRATEGIC PLANNING CHIEF**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 505,000
	Work Orders	-
	Total Labor	505,000
Benefits:	Operating Expense	314,100
	Work Orders	-
	Total Benefits	314,100
	Total Operating Expense	819,100
	Total Work Orders	-
	Total Labor & Benefits	819,100

ADMINISTRATIVE EXPENSES

Travel and Meetings	11,500
General Office Expense	600
Equipment	6,000
Services	30,000
Training	10,800
Total Administrative Expenses	58,900

**TOTAL DIVISION COSTS** **\$ 878,000**

OTAY WATER DISTRICT  
**DIVISION 2421 - INFORMATION TECHNOLOGY & STRATEGIC PLANNING OPERATIONS**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 259,600
	Work Orders	-
	Total Labor	259,600
Benefits:	Operating Expense	164,400
	Work Orders	-
	Total Benefits	164,400
	Total Operating Expense	424,000
	Total Work Orders	-
	Total Labor & Benefits	424,000

ADMINISTRATIVE EXPENSES

Travel and Meetings	2,700
General Office Expense	2,400
Equipment	766,700
Services	173,500
Training	9,000
Total Administrative Expenses	954,300

**TOTAL DIVISION COSTS** **\$ 1,378,300**

OTAY WATER DISTRICT  
**DIVISION 2431 - GEOGRAPHIC INFORMATION SYSTEM**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 278,300
	Work Orders	-
	Total Labor	278,300
Benefits:	Operating Expense	171,700
	Work Orders	-
	Total Benefits	171,700
	Total Operating Expense	450,000
	Total Work Orders	-
	Total Labor & Benefits	450,000

ADMINISTRATIVE EXPENSES

Travel and Meetings	3,900
General Office Expense	3,800
Equipment	89,900
Services	10,000
Training	5,900
Total Administrative Expenses	113,500

**TOTAL DIVISION COSTS** **\$ 563,500**

# **Water Operations**





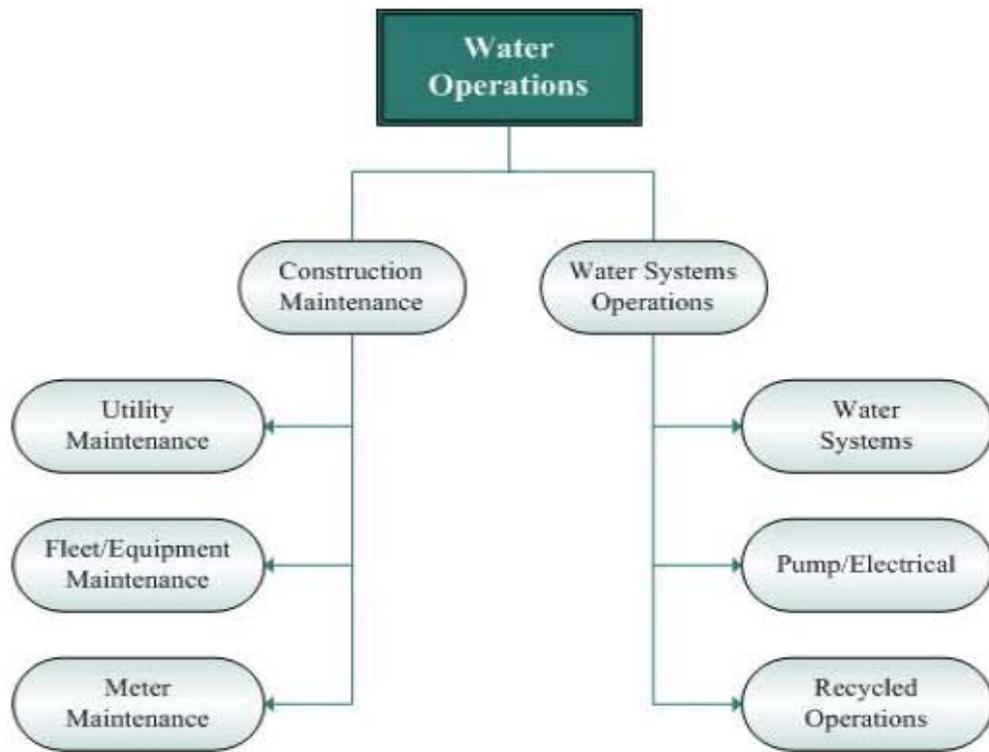
# WATER OPERATIONS

## Mission Statement

*To provide all operations and maintenance services in the highest possible professional, efficient, safe, and cost effective manner to all internal and external customers, and to strive to continually improve the level of service this department provides.*



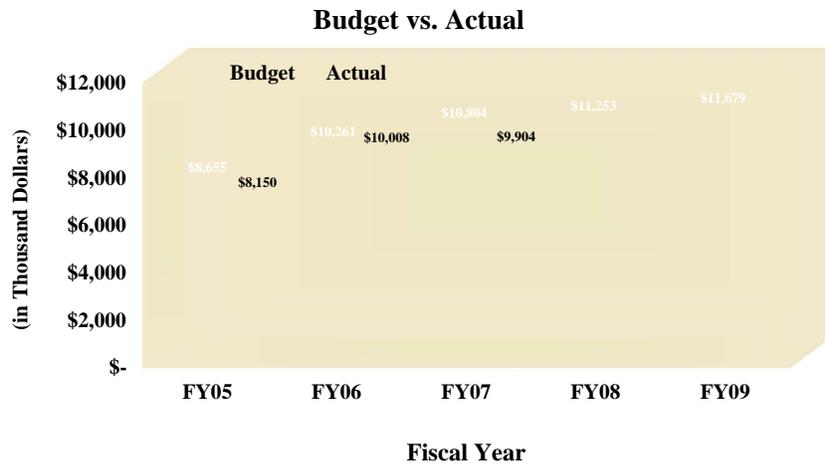
<u>Division Title</u>	<u>Division No.</u>
Water Operations Chief .....	3211
Water Systems Operations .....	3220
Construction Maintenance .....	3230



**DISTRICT POSITION COUNT - 169**  
**OPERATIONS DEPARTMENT - 70**

<b>Personnel Count</b>	<b><u>FY 2007</u></b>	<b><u>FY 2008</u></b>	<b><u>FY 2009</u></b>
Chief, Water Operations	1	1	1
Executive Secretary	1	1	1
Systems Operations Manager	1	1	1
Water Systems Supervisor	2	1	1
Pump Electrical Supervisor	1	1	1
Recycled Water Systems Supervisor	0	0	1
Meter Maintenance/Cross Connect Supervisor	1	1	1
Lead Water Systems Operator	2	2	2
Water Systems Operator I, II, and III	9	9	9
Valve Maintenance Worker	1	1	1
Senior Disinfection Technician	1	2	2
Disinfection Technician	1	0	0
Senior SCADA Instrumentation Technician	2	2	1
SCADA Instrumentation Technician	0	0	1
Electrician I and II	2	2	2
Pump Mechanic I and II	2	2	2
Lead Cross Connection/ Meter Maintenance Worker	1	1	1
Meter Maintenance/Cross Connect Worker I and II	5	5	5
Construction Maintenance Manager	1	1	1
Utility Maintenance Supervisor	2	2	2
Utility Crew Leader	5	5	5
Utility Workers I and II	10	10	10
Senior Utility/Equipment. Operator	4	4	3
Equipment Shop Supervisor	1	0	0
Fleet Maintenance Supervisor	0	1	1
Equipment Shop Mechanic I and II	4	4	3
Welder II	1	1	1
Reclamation Plant Supervisor	1	1	1
Lead Reclamation Plant Operator	0	1	1
Reclamation Plant Operator	3	3	3
Water System Technician	1	0	0
Lead Recycled Water Distribution Operator	0	1	1
Recycled Water Distribution Operator	3	3	3
Laboratory Analysts I and II	2	2	2
<b>Total</b>	<b><u>71</u></b>	<b><u>71</u></b>	<b><u>70</u></b>

	<b>FY 2006 Actual</b>	<b>FY 2008 Budget</b>	<b>FY 2009 Budget</b>
Labor and Benefits	\$ 6,357,239	\$ 6,663,800	\$ 7,381,100
Travel and Meetings	21,104	48,300	44,500
General Office Expense	5,903	7,000	6,000
Equipment	67,227	73,100	77,100
Fees	33,352	43,900	93,000
Services	103,732	442,600	386,500
Training	6,152	15,500	11,200
Materials & Maintenance	2,467,066	2,735,200	2,240,600
Sewer Charges	841,791	1,223,800	1,288,900
Miscellaneous	-	-	150,000
<b>Total</b>	<b>\$ 9,903,566</b>	<b>\$ 11,253,200</b>	<b>\$11,678,900</b>



OTAY WATER DISTRICT  
**DIVISION 3211 - WATER OPERATIONS CHIEF**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 245,200
	Work Orders	-
	Total Labor	245,200
Benefits:	Operating Expense	128,400
	Work Orders	-
	Total Benefits	128,400
	Total Operating Expense	373,600
	Total Work Orders	-
	Total Labor & Benefits	373,600

ADMINISTRATIVE EXPENSES

Travel and Meetings	12,500
General Office Expense	6,000
Fees	38,000
Services	5,000
Training	11,200
Total Administrative Expenses	72,700

**TOTAL DIVISION COSTS** **\$ 446,300**

OTAY WATER DISTRICT  
**DIVISION 3212 - WATER SYSTEMS MANAGER**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 116,500
	Work Orders	-
	Total Labor	116,500
Benefits:	Operating Expense	68,700
	Work Orders	-
	Total Benefits	68,700
	Total Operating Expense	185,200
	Total Work Orders	-
	Total Labor & Benefits	185,200
<b>TOTAL DIVISION COSTS</b>		<b>\$ 185,200</b>

OTAY WATER DISTRICT  
DIVISION 3221 - WATER SYSTEM OPERATIONS  
FISCAL YEAR 2009 BUDGET

ADMINISTRATIVE EXPENSES

Equipment	24,300
Miscellaneous	133,900
Total Administrative Expenses	<u>158,200</u>

<b>TOTAL DIVISION COSTS</b>	<b><u>\$ 158,200</u></b>
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OTAY WATER DISTRICT  
**DIVISION 3223 - PUMP AND ELECTRIC**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 400,600
	Work Orders	23,500
	Total Labor	424,100
Benefits:	Operating Expense	343,000
	Work Orders	16,400
	Total Benefits	359,400
	Total Operating Expense	743,600
	Total Work Orders	39,900
	Total Labor & Benefits	783,500

ADMINISTRATIVE EXPENSES

	Equipment	4,500
	Services	106,000
	Total Administrative Expenses	110,500

MATERIALS & MAINTENANCE

	Infrastructure Equipment & Supplies	248,500
	Safety Equipment	2,500
	Other Materials & Supplies	300
	Building and Grounds Materials	5,000
	Total Materials & Maintenance	256,300

**TOTAL DIVISION COSTS**

**\$ 1,150,300**

OTAY WATER DISTRICT  
 DIVISION 3225 - WATER SYSTEM  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 909,200
	Work Orders	33,400
	Total Labor	942,600
Benefits:	Operating Expense	599,900
	Work Orders	20,100
	Total Benefits	620,000
	Total Operating Expense	1,509,100
	Total Work Orders	53,500
	Total Labor & Benefits	1,562,600

ADMINISTRATIVE EXPENSES

	Equipment	4,500
	Services	164,000
	Total Administrative Expenses	168,500

MATERIALS & MAINTENANCE

	Infrastructure Equipment & Supplies	97,000
	Chemicals	200,000
	Safety Equipment	6,000
	Other Materials & Supplies	500
	Contracted Services	3,000
	Total Materials & Maintenance	306,500

**TOTAL DIVISION COSTS**

**\$ 2,037,600**

OTAY WATER DISTRICT  
**DIVISION 3231 - UTILITY MAINTENANCE/CONSTRUCTION**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 110,300
	Work Orders	-
	Total Labor	110,300
Benefits:	Operating Expense	79,400
	Work Orders	-
	Total Benefits	79,400
	Total Operating Expense	189,700
	Total Work Orders	-
	Total Labor & Benefits	189,700
ADMINISTRATIVE EXPENSES		
	Equipment	10,000
	Services	6,000
	Total Administrative Expenses	16,000
<b>TOTAL DIVISION COSTS</b>		<b>\$ 205,700</b>

OTAY WATER DISTRICT  
**DIVISION 3232 - UTILITY MAINTENANCE**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 940,500
	Work Orders	147,700
	Total Labor	1,088,200
Benefits:	Operating Expense	780,800
	Work Orders	107,900
	Total Benefits	888,700
	Total Operating Expense	1,721,300
	Total Work Orders	255,600
	Total Labor & Benefits	1,976,900

ADMINISTRATIVE EXPENSES

Travel and Meetings	2,000
Equipment	6,000
Total Administrative Expenses	8,000

MATERIALS & MAINTENANCE

Meters & Materials	20,500
Infrastructure Equipment & Supplies	195,000
Safety Equipment	2,000
Other Materials & Supplies	122,500
Contracted Services	201,000
Total Materials & Maintenance	541,000

**TOTAL DIVISION COSTS**

**\$ 2,525,900**

OTAY WATER DISTRICT  
**DIVISION 3233 - FLEET MAINTENANCE**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 286,600
	Work Orders	1,200
	Total Labor	287,800
Benefits:	Operating Expense	241,600
	Work Orders	800
	Total Benefits	242,400
	Total Operating Expense	528,200
	Total Work Orders	2,000
	Total Labor & Benefits	530,200

ADMINISTRATIVE EXPENSES

Travel and Meetings	30,000
Equipment	13,500
Fees	1,500
Services	2,300
Total Administrative Expenses	47,300

MATERIALS & MAINTENANCE

Fuel & Oil	370,500
Fleet Parts & Equipment	164,000
Infrastructure Equipment & Supplies	39,000
Building and Grounds Materials	24,000
Total Materials & Maintenance	597,500

**TOTAL DIVISION COSTS**

**\$ 1,175,000**

OTAY WATER DISTRICT  
**DIVISION 3235 - METER SHOP**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 348,200
	Work Orders	17,800
	Total Labor	366,000
Benefits:	Operating Expense	280,100
	Work Orders	12,500
	Total Benefits	292,600
	Total Operating Expense	628,300
	Total Work Orders	30,300
	Total Labor & Benefits	658,600

ADMINISTRATIVE EXPENSES

	Equipment	9,500
	Total Administrative Expenses	9,500

MATERIALS & MAINTENANCE

	Meters & Materials	128,000
	Safety Equipment	3,000
	Other Materials & Supplies	51,000
	Contracted Services	15,000
	Total Materials & Maintenance	197,000

**TOTAL DIVISION COSTS**

**\$ 865,100**

OTAY WATER DISTRICT  
DIVISION 3241 - COLLECTION/TREATMENT/RECYCLE OPERATION  
FISCAL YEAR 2009 BUDGET

ADMINISTRATIVE EXPENSES

Miscellaneous	16,100
Total Administrative Expenses	<u>16,100</u>

SEWER CHARGES

Metro O&M Costs	1,041,900
Spring Valley Sewer Charge	<u>247,000</u>
Total Sewer Charges	<u>1,288,900</u>

**TOTAL DIVISION COSTS**

**\$ 1,305,000**

OTAY WATER DISTRICT  
**DIVISION 3242 - COLLECTION SYSTEM**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 102,200
	Work Orders	-
	Total Labor	102,200
Benefits:	Operating Expense	90,800
	Work Orders	-
	Total Benefits	90,800
	Total Operating Expense	193,000
	Total Work Orders	-
	Total Labor & Benefits	193,000

MATERIALS & MAINTENANCE

Infrastructure Equipment & Supplies	9,000
Chemicals	4,000
Safety Equipment	500
Contracted Services	127,000
Total Materials & Maintenance	140,500

<b>TOTAL DIVISION COSTS</b>	<b>\$ 333,500</b>
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OTAY WATER DISTRICT  
**DIVISION 3243 - LABORATORY**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 103,800
	Work Orders	3,000
	Total Labor	106,800
Benefits:	Operating Expense	91,900
	Work Orders	2,300
	Total Benefits	94,200
	Total Operating Expense	195,700
	Total Work Orders	5,300
	Total Labor & Benefits	201,000
ADMINISTRATIVE EXPENSES		
	Services	40,000
	Total Administrative Expenses	40,000
MATERIALS & MAINTENANCE		
	Laboratory Equipment & Supplies	40,000
	Total Materials & Maintenance	40,000
<b>TOTAL DIVISION COSTS</b>		<b>\$ 281,000</b>

OTAY WATER DISTRICT  
**DIVISION 3244 - RECLAMATION PLANT**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 333,200
	Work Orders	-
	Total Labor	333,200
Benefits:	Operating Expense	236,500
	Work Orders	-
	Total Benefits	236,500
	Total Operating Expense	569,700
	Total Work Orders	-
	Total Labor & Benefits	569,700

ADMINISTRATIVE EXPENSES

	Fees	500
	Total Administrative Expenses	500

MATERIALS & MAINTENANCE

	Fuel & Oil	12,000
	Infrastructure Equipment & Supplies	46,000
	Chemicals	46,000
	Safety Equipment	1,000
	Contracted Services	23,500
	Total Materials & Maintenance	128,500

**TOTAL DIVISION COSTS**

**\$ 698,700**

OTAY WATER DISTRICT  
**DIVISION 3245 - RECYCLED SYSTEM**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 295,700
	Work Orders	27,400
	Total Labor	323,100
Benefits:	Operating Expense	248,000
	Work Orders	19,000
	Total Benefits	267,000
	Total Operating Expense	543,700
	Total Work Orders	46,400
	Total Labor & Benefits	590,100

ADMINISTRATIVE EXPENSES

	Equipment	4,800
	Fees	53,000
	Services	63,200
	Total Administrative Expenses	121,000

MATERIALS & MAINTENANCE

	Infrastructure Equipment & Supplies	33,000
	Safety Equipment	300
	Total Materials & Maintenance	33,300

**TOTAL DIVISION COSTS**

**\$ 744,400**

**Engineering**





# ENGINEERING

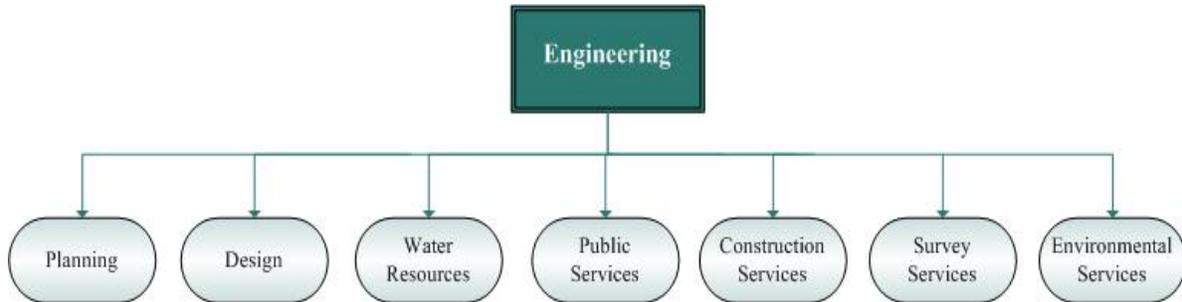
## Mission Statement

*To provide customer satisfaction by delivering quality engineering and planning services to our customers. Quality design and planning services that meets or exceeds the appropriate codes and regulations, while being creative and technically sound..*



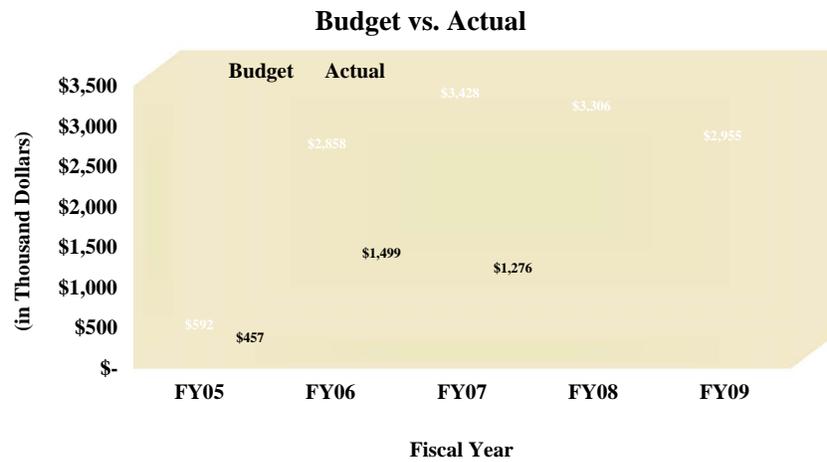
<u>Division Title</u>	<u>Division No.</u>
Engineering Chief .....	3311
Planning .....	3321
Design .....	3331
Water Resources .....	3341
Public Services .....	3421
Construction Services .....	3431
Survey Services .....	3441
Environmental Services .....	3451

## DISTRICT POSITION COUNT - 169 ENGINEERING DEPARTMENT - 23



<b>Personnel Count</b>	<b><u>FY 2007</u></b>	<b><u>FY 2008</u></b>	<b><u>FY 2009</u></b>
Chief, Engineering	0	1	1
Chief, Engineering & Planning	1	0	0
Chief, Development Services	1	0	0
Executive Secretary	1	1	1
Secretary	1	1	1
Engineering Manager	2	2	2
Public Services Manager	1	1	1
Senior Civil Engineer	3	2	2
Associate Civil Engineer	2	3	2
Assistant Civil Engineer	3	1	0
Environmental Compliance Specialist	0	1	1
Permit Technicians I and II	0	2	2
Senior Engineering Technician	0	0	3
Engineering Technicians I, II and III	7	4	0
Inspection Supervisor	1	1	1
Construction Inspectors I and II	4	4	3
Surveying Supervisor	1	1	1
Survey Technician	1	1	1
Assistant Survey Technician	1	1	1
Office Assistant	1	0	0
<b>Total</b>	<b>31</b>	<b>27</b>	<b>23</b>

	<b>FY 2007 Actual</b>	<b>FY 2008 Budget</b>	<b>FY 2009 Budget</b>
Labor and Benefits	\$ 1,851,933	\$ 1,712,200	\$ 1,639,800
Travel and Meetings	13,490	33,200	22,900
General Office Expense	8,784	20,100	13,500
Equipment	1,086	3,700	6,200
Fees	26,090	55,000	55,000
Services	811,490	1,481,400	1,214,400
Training	215	-	2,900
Materials & Maintenance	13,183	-	-
<b>Total</b>	<b>\$ 2,726,271</b>	<b>\$ 3,305,600</b>	<b>\$ 2,954,700</b>



OTAY WATER DISTRICT  
**DIVISION 3311 - ENGINEERING CHIEF**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 194,100
	Work Orders	69,600
	Total Labor	263,700
Benefits:	Operating Expense	121,800
	Work Orders	37,000
	Total Benefits	158,800
	Total Operating Expense	315,900
	Total Work Orders	106,600
	Total Labor & Benefits	422,500

ADMINISTRATIVE EXPENSES

Travel and Meetings	22,900
General Office Expense	13,500
Equipment	4,000
Training	2,900
Total Administrative Expenses	43,300

<b>TOTAL DIVISION COSTS</b>	<b>\$ 465,800</b>
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OTAY WATER DISTRICT  
DIVISION 3321 - PLANNING  
FISCAL YEAR 2009 BUDGET

ADMINISTRATIVE EXPENSES

Services

605,000

Total Administrative Expenses

605,000

**TOTAL DIVISION COSTS**

**\$ 605,000**

OTAY WATER DISTRICT  
 DIVISION 3331 - DESIGN  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 82,500
	Work Orders	223,800
	Total Labor	306,300
Benefits:	Operating Expense	84,200
	Work Orders	122,300
	Total Benefits	206,500
	Total Operating Expense	166,700
	Total Work Orders	346,100
	Total Labor & Benefits	512,800
ADMINISTRATIVE EXPENSES		
	Services	125,000
	Total Administrative Expenses	125,000
<b>TOTAL DIVISION COSTS</b>		<b>\$ 637,800</b>

OTAY WATER DISTRICT  
**DIVISION 3341 - WATER RESOURCES**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 90,700
	Work Orders	26,100
	Total Labor	116,800
Benefits:	Operating Expense	66,700
	Work Orders	14,800
	Total Benefits	81,500
	Total Operating Expense	157,400
	Total Work Orders	40,900
	Total Labor & Benefits	198,300
<b>TOTAL DIVISION COSTS</b>		<b>\$ 198,300</b>

OTAY WATER DISTRICT  
**DIVISION 3421 - PUBLIC SERVICES**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 170,100
	Work Orders	35,300
	Total Labor	205,400
Benefits:	Operating Expense	110,800
	Work Orders	19,000
	Total Benefits	129,800
	 Total Operating Expense	 280,900
	Total Work Orders	54,300
	Total Labor & Benefits	335,200
<b>TOTAL DIVISION COSTS</b>		<b>\$ 335,200</b>

OTAY WATER DISTRICT  
**DIVISION 3431 - CONSTRUCTION SERVICES**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 162,600
	Work Orders	464,300
	Total Labor	626,900
Benefits:	Operating Expense	173,500
	Work Orders	256,000
	Total Benefits	429,500
	Total Operating Expense	336,100
	Total Work Orders	720,300
	Total Labor & Benefits	1,056,400
ADMINISTRATIVE EXPENSES		
	Services	20,000
	Total Administrative Expenses	20,000
<b>TOTAL DIVISION COSTS</b>		<b>\$ 1,076,400</b>

OTAY WATER DISTRICT  
**DIVISION 3441 - SURVEY SERVICES**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 174,200
	Work Orders	10,600
	Total Labor	184,800
Benefits:	Operating Expense	124,300
	Work Orders	5,700
	Total Benefits	130,000
	Total Operating Expense	298,500
	Total Work Orders	16,300
	Total Labor & Benefits	314,800
ADMINISTRATIVE EXPENSES		
	Equipment	2,200
	Services	1,400
	Total Administrative Expenses	3,600
<b>TOTAL DIVISION COSTS</b>		<b>\$ 318,400</b>

OTAY WATER DISTRICT  
**DIVISION 3451 - ENVIRONMENTAL SERVICES**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ 53,000
	Work Orders	20,800
	Total Labor	73,800
Benefits:	Operating Expense	31,300
	Work Orders	8,900
	Total Benefits	40,200
	Total Operating Expense	84,300
	Total Work Orders	29,700
	Total Labor & Benefits	114,000
ADMINISTRATIVE EXPENSES		
	Fees	55,000
	Services	463,000
	Total Administrative Expenses	518,000
<b>TOTAL DIVISION COSTS</b>		<b>\$ 632,000</b>

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**General Expense**





# GENERAL EXPENSE

## Mission Statement

*To record and track the general expenses of the District which are not applicable to a specific department.*

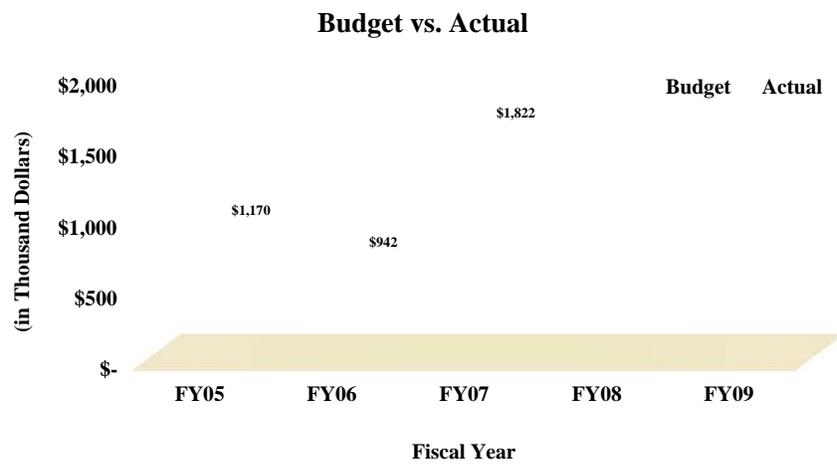


Division Title

Division No.

General Expense ..... 1311

	<b>FY 2007 Actual</b>	<b>FY 2008 Budget</b>	<b>FY 2009 Budget</b>
Labor and Benefits	\$ 214,202	\$ 10,000	\$ (188,300)
Fees	1,606,633	1,676,300	972,300
Interest	667	-	-
<b>Total</b>	<b>\$ 1,821,502</b>	<b>\$ 1,686,300</b>	<b>\$ 784,000</b>



OTAY WATER DISTRICT  
**DIVISION 1311 - GENERAL EXPENSE**  
 FISCAL YEAR 2009 BUDGET

LABOR & BENEFITS

Labor:	Operating Expense	\$ (424,300)
	Work Orders	(40,700)
	Total Labor	(465,000)
Benefits:	Operating Expense	236,000
	Work Orders	-
	Total Benefits	236,000
	Total Operating Expense	(188,300)
	Total Work Orders	(40,700)
	Total Labor & Benefits	(229,000)
<b>TOTAL DIVISION COSTS</b>		<b>\$ (229,000)</b>

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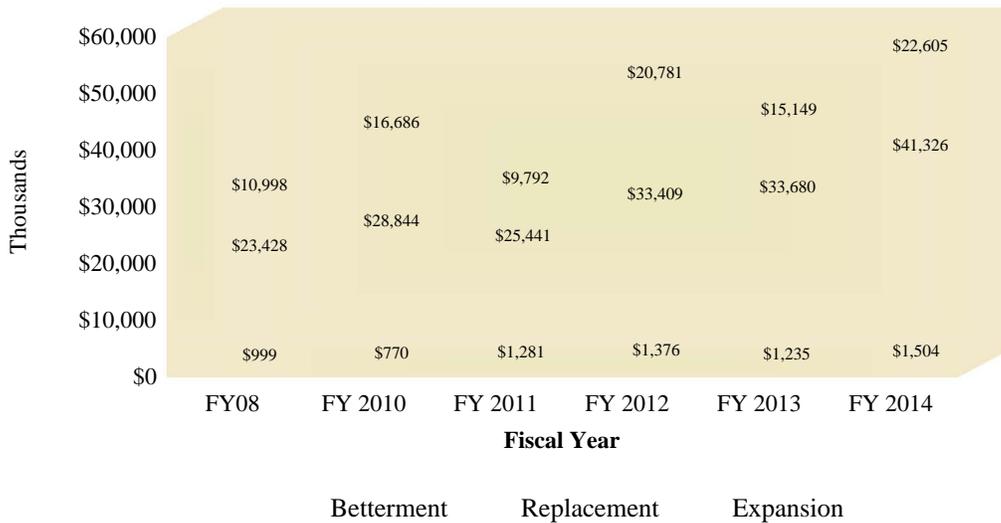
# Capital Budget

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The CIP Reserve Funds presentation, shown on the following pages, is designed to provide an understanding of how the funding of CIPs is expected to financially influence the District over the next six years. The financial impacts are based on the CIP program and its funding sources, including fund transfers in accordance with the District’s Reserve Policy, and planned debt issuances. This data is captured in the District’s Rate Model on an annual basis in order to make these projections.

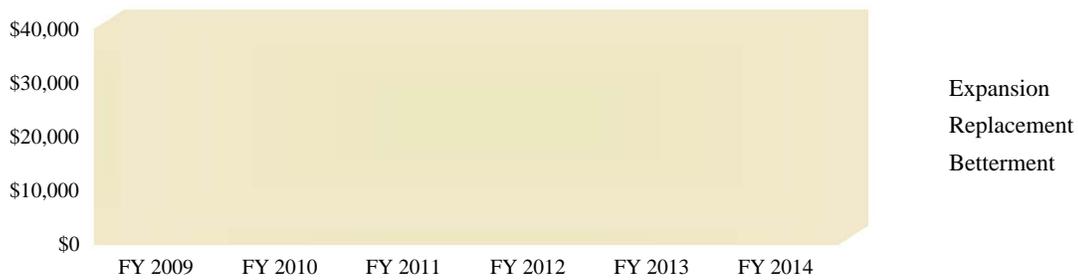
### RESERVE FUND BALANCES



(Thousand \$000s)	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	Total
Capacity Fees	\$ 2,841	\$ 3,722	\$ 6,158	\$ 11,121	\$ 15,890	\$ 17,437	\$ 57,168
Debt financing	-	28,130	-	25,510	-	21,600	75,240
Grants	2,420	2,890	2,890	1,000	1,000	1,000	11,200
Interest	1,176	1,089	1,224	1,584	2,071	2,265	9,408
Betterment Charges	1,078	1,100	1,123	1,146	1,170	1,194	6,811
Temporary Meters	1,040	1,040	1,042	1,047	1,053	1,055	6,278
Availability (Betterment Portion)	516	526	537	548	559	571	3,257
Transfer from General Fund	26,895	6,467	8,578	11,003	13,161	15,304	81,409
Interfund Transfers	156	160	163	167	171	175	993
<b>Total Sources</b>	<b>36,122</b>	<b>45,124</b>	<b>21,716</b>	<b>53,126</b>	<b>35,075</b>	<b>60,601</b>	<b>251,762</b>
CIP Projects	30,939	26,743	23,402	24,738	30,510	34,102	170,434
Betterment Fees for Maintenance	896	908	901	924	947	971	5,547
Debt Service	4,307	5,131	5,714	6,910	7,601	8,619	38,281
Developer Services	1,302	1,308	1,322	1,335	1,348	1,362	7,976
Interfund Transfers	7,411	160	163	167	171	175	8,248
<b>Total Uses</b>	<b>44,854</b>	<b>34,249</b>	<b>31,502</b>	<b>34,074</b>	<b>40,577</b>	<b>45,229</b>	<b>230,485</b>
<b>Net Sources (Uses)</b>	<b>\$ (8,732)</b>	<b>\$ 10,874</b>	<b>\$ (9,786)</b>	<b>\$ 19,052</b>	<b>\$ (5,502)</b>	<b>\$ 15,372</b>	<b>\$ 21,277</b>

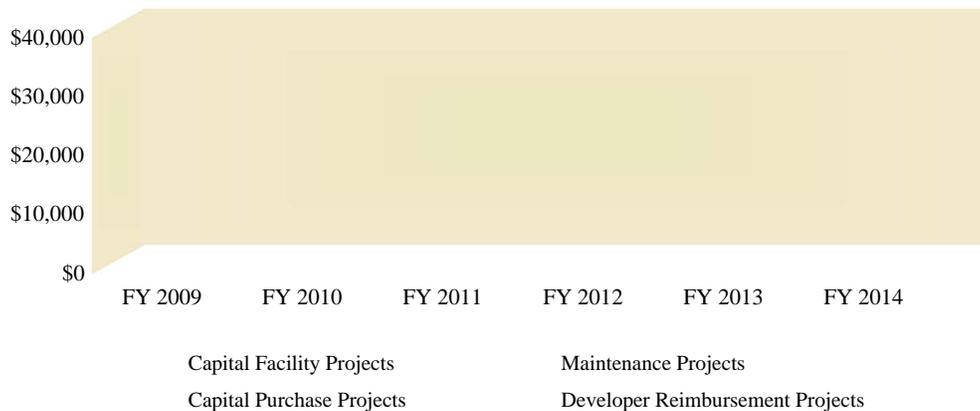
<b>(Thousands \$000s)</b>	<b>FY 2009</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>TOTAL</b>
Expansion	\$ 16,236	\$ 20,103	\$ 18,806	\$ 19,583	\$ 25,853	\$ 30,292	\$130,871
Betterment	6,529	1,854	946	1,470	1,156	366	12,322
Replacement	8,174	4,787	3,651	3,686	3,501	3,444	27,241
<b>TOTAL</b>	<b>\$ 30,939</b>	<b>\$ 26,743</b>	<b>\$ 23,402</b>	<b>\$ 24,738</b>	<b>\$ 30,510</b>	<b>\$ 34,102</b>	<b>\$170,434</b>

**SIX-YEAR CIP BY FUNDING SOURCE**



<b>(Thousands \$000s)</b>	<b>FY 2009</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>TOTAL</b>
Capital Facility Projects	\$ 22,912	\$ 21,338	\$ 14,477	\$ 11,603	\$ 14,395	\$ 15,792	\$100,517
Maintenance Projects	5,834	2,815	2,775	3,055	2,870	2,940	20,289
Capital Purchase Projects	1,553	1,030	930	1,030	1,030	870	6,443
Developer Reimbursement Projects	640	1,210	1,990	1,350	530	-	5,720
Subtotal	30,939	26,393	20,172	17,038	18,825	19,602	132,969
FY 2010 Through FY 2014 Projects	-	350	3,230	7,700	11,685	14,500	37,465
<b>TOTAL</b>	<b>\$ 30,939</b>	<b>\$ 26,743</b>	<b>\$ 23,402</b>	<b>\$ 24,738</b>	<b>\$ 30,510</b>	<b>\$ 34,102</b>	<b>\$170,434</b>

**SIX-YEAR CIP BY CATEGORY**



## CAPITAL IMPROVEMENT PROGRAM (\$1,000s)

The 2009 Fiscal Year CIP Budget contains 66 projects. The costs for the work planned for Fiscal Year 2009 is \$30.9 million. Of the 66 projects planned for Fiscal Year 2009, three are designated as reimbursable projects with estimated costs of \$540,000. These projects are built by developers and reimbursed by the District.

CIP No.	Description	FY 09	FY 10	FY 11	FY 12	FY 13	FY 14	Total
<b>CAPITAL FACILITY PROJECTS</b>								
P2009	PL - 36-Inch, SDCWA Otay FCF No. 14 to Regulatory Site	\$ 8,000	\$ 11,450	\$ 700	\$ -	\$ -	\$ -	\$ 20,150
P2033	PL - 16-Inch, 1296 Zone, Melody Road - Campo/Presilla	2	150	1,000	669	-	-	1,821
P2038	PL - 12-Inch, 978 Zone, Jamacha, Hidden Mesa, and Chase Upsize and Replacements	900	1,000	-	-	-	-	1,900
P2040	Res - 1655-1 Reservoir 0.5 MG	1	1	83	700	795	-	1,580
P2129	Groundwater Exploration Program	10	10	15	25	630	1,280	1,970
P2143	Res - 1296-3 Reservoir 2 MG	1,900	1,265	-	-	-	-	3,165
P2172	PS - 1485-1 Pump Station Replacement	1,125	850	-	-	-	-	1,975
P2185	Res - 640-1 Reservoir 20.0 MG	3,900	-	-	-	-	-	3,900
P2190	PL - 10-Inch, 1485 Zone, Jamul Highlands Road to Presilla Drive	5	5	120	94	-	-	224
P2191	Res - 850-4 Reservoir 2.2 MG	1,950	200	-	-	-	-	2,150
P2318	PL - 20-Inch, 657 Zone, Summit Cross-Tie and 36-Inch Main Connections	200	344	-	-	-	-	544
P2387	PL - 12-Inch, 832 Zone, Steele Canyon Road - Via Caliente/Campo	500	-	-	-	-	-	500
P2450	Otay River Groundwater Well Demineralization/Development	115	85	800	3,600	400	-	5,000
P2451	Rosarito Desalination Facility Conveyance System	150	150	150	150	1,350	3,000	4,950
P2457	Otay Mountain Groundwater Well Development	10	290	6,000	200	-	-	6,500
P2460	I.D. 7 Trestle and Pipeline Demolition	20	55	300	-	-	-	375
P2462	Otay River Demineralization Feasibility Study	150	-	-	-	-	-	150
P2463	South Bay Regional Concentrate Conveyance Feasibility Study	15	-	-	-	-	-	15
P2464	San Diego 17 Pump Station and Flow Control Facility	15	-	-	-	-	-	15
P2465	Regulatory Site Material Storage Bins	220	-	-	-	-	-	220
P2466	Regional Training Facility	150	-	-	-	-	-	150
P2467	San Diego Formation Groundwater Feasibility Study	400	800	-	-	-	-	1,200
P2471	850/657 PRS at La Presa Pump Station	5	90	205	-	-	-	300
P2472	Water Supply Feasibility Studies	150	50	50	50	50	50	400
P2473	PS - 711-1 Pump Station Improvement	50	150	-	-	-	-	200
P2474	Fuel Storage Covers and Containment	100	-	-	-	-	-	100
P2475	Pump Station Fire Safety Improvements	50	-	-	-	-	-	50
P2476	Dis - 1090-1 Pump Station Disinfection System Upgrade	100	-	-	-	-	-	100
P2477	Res - 624-1 Reservoir Cover Replacement	250	200	-	-	-	-	450
R2034	RecRes - 860-1 Reservoir 4 MG	104	394	1,800	1,500	-	-	3,798
R2048	RecPL - Otay Mesa Distribution Pipelines and Conversions	10	1,200	650	140	-	-	2,000
R2053	RWCWRF - R.O. Building Remodel and Office Furniture	50	-	-	-	-	-	50
R2058	RecPL - 16-Inch, 860 Zone, Airway Road - Otay Mesa/Alta	100	300	750	1,000	530	-	2,680
R2077	RecPL - 24-Inch, 860 Zone, Alta Road - Alta Gate/Airway	200	1,000	377	1,000	1,500	-	4,077
R2081	RecPL - 20-Inch, 944 Zone, Lane Avenue - Proctor Valley/Pond No. 1	590	-	-	-	-	-	590
R2087	RecPL - 20-Inch, 944 Zone, Wueste Road - Olympic/Otay WTP	100	1,200	600	50	-	-	1,950
R2088	RecPL - 20-Inch, 860 Zone, County Jail - Roll Reservoir/860-1 Reservoir	81	149	1,000	250	-	-	1,480
R2089	North District Recycled Water Regulatory Compliance	110	-	-	-	-	-	110
R2091	RecPS - 944-1 Pump Station Upgrade	324	-	-	-	-	-	324
R2092	Dis - 450-1 Reservoir Disinfection Facility	750	-	-	-	-	-	750
R2093	MBR City of Chula Vista	50	50	50	50	1,500	3,300	5,000
S2016	Solar Panel Installation Phase I	100	200	200	200	-	-	700
<b>42</b>	<b>Total Capital Facility Projects</b>	<b>23,012</b>	<b>21,638</b>	<b>14,850</b>	<b>9,678</b>	<b>6,755</b>	<b>7,630</b>	<b>83,563</b>
<b>REPLACEMENT/RENEWAL PROJECTS</b>								
P2356	PL - 12-Inch, 803 Zone, Jamul Drive Permastran Pipeline Replacement	705	-	-	-	-	-	705
P2366	APCD Engine Replacements and Retrofits	170	180	190	220	200	200	1,160
P2382	Safety and Security Improvements	169	40	30	30	-	-	269
P2416	SR-125 Utility Relocations	10	-	-	-	-	-	10
P2422	Agency Interconnections	250	250	250	250	250	250	1,500
P2440	I-905 Utility Relocations	925	125	-	-	-	-	1,050
P2441	NG/RAMAR Meter Replacements	100	-	-	-	-	-	100

## CAPITAL IMPROVEMENT PROGRAM (\$1,000s)

CIP No.	Description	FY 09	FY 10	FY 11	FY 12	FY 13	FY 14	Total
<b>REPLACEMENT/RENEWAL PROJECTS</b>								
P2453	SR-11 Utility Relocations	5	165	125	205	-	-	500
P2456	Air and Vacuum Valve Upgrades	520	550	580	600	620	640	3,510
P2458	AMR Manual Meter Replacement	1,250	1,375	1,500	1,650	1,700	1,750	9,225
R2086	RWCWRF Force Main AirVac Replacements and Road Improvements	1,000	-	-	-	-	-	1,000
S2012	SVSD Outfall and RSD Replacement and OM Reimbursement	430	130	100	100	100	100	960
S2015	Calavo Lift Station Replacement	300	-	-	-	-	-	300
<b>13</b>	<b>Total Replacement/Renewal Projects</b>	<b>5,834</b>	<b>2,815</b>	<b>2,775</b>	<b>3,055</b>	<b>2,870</b>	<b>2,940</b>	<b>20,289</b>
<b>CAPITAL PURCHASE PROJECTS</b>								
P2282	Vehicle Capital Purchases	228	220	220	220	220	210	1,318
P2285	Office Equipment and Furniture Capital Purchases	20	60	60	60	60	60	320
P2286	Field Equipment Capital Purchases	45	100	100	100	100	100	545
P2443	Information Technology Mobile Services	250	150	150	150	150	-	850
P2461	Records Management System Upgrade	50	-	-	-	-	-	50
P2469	Information Technology Network and Hardware	500	300	200	300	300	300	1,900
P2470	Application Systems Development and Integration	380	200	200	200	200	200	1,380
P2478	Administration Building Engine/Generator Set	80	-	-	-	-	-	80
<b>8</b>	<b>Total Capital Purchase Projects</b>	<b>1,553</b>	<b>1,030</b>	<b>930</b>	<b>1,030</b>	<b>1,030</b>	<b>870</b>	<b>6,443</b>
<b>DEVELOPER REIMBURSEMENT PROJECTS</b>								
P2134	PL - 16-Inch, 711 Zone, Birch Road - SR 125/EastLake	200	10	-	-	-	-	210
P2414	PL - 12" to 16" Oversize, 803 Zone, Dehesa Road - Dehesa Meadow/OWD Bndy	10	-	-	-	-	-	10
R2033	RecPL - 12-Inch, 944 Zone, Birch Road - La Media/EastLake	330	-	-	-	-	-	330
<b>3</b>	<b>Total Developer Reimbursement Projects</b>	<b>540</b>	<b>10</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>550</b>
<b>66</b>	<b>Total - FY 2009 Projects</b>	<b>30,939</b>	<b>25,493</b>	<b>18,555</b>	<b>13,763</b>	<b>10,655</b>	<b>11,440</b>	<b>110,845</b>
<b>19</b>	<b>FY 2010 Through FY 2014 Projects</b>	<b>-</b>	<b>1,250</b>	<b>4,847</b>	<b>10,975</b>	<b>19,855</b>	<b>22,662</b>	<b>59,589</b>
	<b>Grand Totals</b>	<b>\$ 30,939</b>	<b>\$ 26,743</b>	<b>\$ 23,402</b>	<b>\$ 24,738</b>	<b>\$ 30,510</b>	<b>\$ 34,102</b>	<b>170,434</b>

## FY 2009 CAPITAL PURCHASES

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

Item#	Description	Amount	Type
<b>Field Equipment</b>			
<b>Engineering Development</b>			
25	Fuel island management system	\$ 45,000	R
	Total Field Equipment - Engineering Development	<u>45,000</u>	
<b>Total Field Equipment</b>		<u><b>45,000</b></u>	
<b>Office Equipment</b>			
<b>Administration</b>			
12	Color Copier/Printer	\$ 20,000	R
	Total Office Equipment - Administration	<u>20,000</u>	
<b>Total Office Equipment</b>		<u><b>20,000</b></u>	
<b>Vehicles</b>			
<b>Operations</b>			
13	2008 Ford Ranger or equivalent mid-size	17,000	R
14	2008 Ford Ranger or equivalent mid-size	17,000	R
15	2008 Ford F250 or similar cab and chassis	25,000	R
16	2008 Ford Ranger 4x4 or equivalent mid-size	19,000	R
17	2008 Ford F150 or similar	21,000	R
18	2008 Ford F250 or similar cab and chassis	21,000	R
19	2008 Toyota Matrix or equivalent	20,000	R
20	2008 Ford Ranger or equivalent mid-size	17,000	R
21	2008 Ford Ranger or equivalent mid-size	17,000	R
22	2008 Ford Explorer or equivalent	24,000	R
23	2008 Ford Ranger or equivalent	17,000	R
24	2007 or 2008 Yamaha Rhino 700 Auto 4x4 Utility Terrain Vehicle	<u>13,000</u>	R
<b>Total Vehicles</b>		<u><b>228,000</b></u>	
<b>Total Capital Purchases Budget</b>		<u><u><b>\$ 293,000</b></u></u>	

N - New

R - Replacement

**Otay Water District  
FY 2009 - FY 2014  
CIP Project Schedules**

ID	CIP	CIP Project Title	Start	Finish	1	2	3	4	5	6	7	8	9	10	11	12	13	14		
		<b>Project Category: Capital Facility Projects</b>	11/4/91	6/30/14	[Timeline bar]															
1					[Timeline bar]															
2	P2009	PL - 36-Inch, SDCWA Otay FCF No. 14 to Regulatory Site	7/1/97	7/31/10																
3	P2033	PL - 16-Inch, 1296 Zone, Melody Road - Campo/Presilla	7/1/05	6/30/12																
4	P2038	PL - 12-Inch, 978 Zone, Jamacha, Hidden Mesa, and Chase Upsize and Replacements	7/1/05	7/31/09																
5	P2040	Res - 1655-1 Reservoir 0.5 MG	7/1/93	12/31/12																
6	P2129	Groundwater Exploration Program	7/3/95	6/30/14																
7	P2143	Res - 1296-3 Reservoir 2 MG	11/1/01	6/30/10																
8	P2172	PS - 1485-1 Pump Station Replacement	7/2/01	6/30/10																
9	P2185	Res - 640-1 Reservoir 20.0 MG	11/4/91	6/30/09																
10	P2190	PL - 10-Inch, 1485 Zone, Jamul Highlands Road to Presilla Drive	7/1/05	6/30/12																
11	P2191	Res - 850-4 Reservoir 2.2 MG	7/1/03	12/31/09																
12	P2318	PL - 20-Inch, 657 Zone, Summit Cross-Tie and 36-Inch Main Connections	11/3/97	6/30/10																
13	P2387	PL - 12-Inch, 832 Zone, Steele Canyon Road - Via Caliente/Campo	7/1/05	6/30/09																
14	P2450	Otay River Groundwater Well Demineralization/Development	7/2/07	6/30/13																
15	P2451	Rosario Desalination Facility Conveyance System	7/3/06	6/30/14																
16	P2457	Otay Mountain Groundwater Well Development	12/3/07	6/30/12																
17	P2460	I.D. 7 Trestle and Pipeline Demolition	7/2/07	6/30/11																
18	P2462	Otay River Demineralization Feasibility Study	7/2/07	6/30/09																
19	P2463	South Bay Regional Concentrate Conveyance Feasibility Study	7/2/07	6/30/09																
20	P2464	San Diego 17 Pump Station and Flow Control Facility	7/2/07	6/30/09																
21	P2465	Regulatory Site Material Storage Bins	7/2/07	12/31/08																
22	P2466	Regional Training Facility	8/1/06	1/31/09																
23	P2467	San Diego Formation Groundwater Feasibility Study	7/2/07	6/30/10																
24	P2471	850/657 PRS at La Presa Pump Station	7/1/08	6/30/11																
25	P2472	Water Supply Feasibility Studies	7/1/08	6/30/14																
26	P2473	PS - 711-1 Pump Station Improvement	7/1/08	6/30/10																
27	P2474	Fuel Storage Covers and Containment	7/1/08	6/30/09																
28	P2475	Pump Station Fire Safety Improvements	7/1/08	6/30/09																
29	P2476	Dis - 1090-1 Pump Station Disinfection System Upgrade	7/1/08	6/30/09																
30	P2477	Res - 624-1 Reservoir Cover Replacement	7/1/08	6/30/10																
31	R2034	RecRes - 860-1 Reservoir 4.0 MG	9/1/06	6/30/12																
32	R2048	RecPL - Otay Mesa Distribution Pipelines and Conversions	7/1/08	7/31/12																
33	R2053	RWCWRF - R.O. Building Remodel and Office Furniture	7/1/97	7/31/08																
34	R2058	RecPL - 16-Inch, 860 Zone, Airway Road - Otay Mesa/Alta	7/2/01	7/31/12																
35	R2077	RecPL - 24-Inch, 860 Zone, Alta Road - Alta Gate/Airway	9/1/06	7/31/12																
36	R2081	RecPL - 20-Inch, 944 Zone, Lane Avenue - Proctor Valley/Pond No. 1	7/3/06	12/31/08																
37	R2087	RecPL - 20-Inch, 944 Zone, Wueste Road - Olympic/Otay WTP	9/1/06	9/30/11																
38	R2088	RecPL - 20-Inch, 860 Zone, County Jail - Roll Reservoir/860-1 Reservoir	9/1/06	9/30/11																
39	R2089	North District Recycled Water Regulatory Compliance	5/1/07	12/31/08																
40	R2091	RecPS - 944-1 Pump Station Upgrade	7/2/07	6/30/09																
41	R2092	Dis - 450-1 Reservoir Disinfection Facility	7/2/07	6/30/09																
42	R2093	MBR City of Chula Vista	7/31/08	12/31/13																
43	S2016	Solar Panel Installation Phase I	7/3/06	12/31/11																
44					[Timeline bar]															
45		<b>Project Category: Replacement/Renewal Project</b>	12/1/00	6/30/14	[Timeline bar]															
46	P2356	PL - 12-Inch, 803 Zone, Jamul Drive Permastran Pipeline Replacement	7/1/05	6/30/09																
47	P2366	APCD Engine Replacements and Retrofits	12/1/00	6/30/14																
48	P2382	Safety and Security Improvements	7/1/02	6/30/12																
49	P2416	SR-125 Utility Relocations	10/1/02	6/30/09																
50	P2422	Agency Interconnections	7/1/03	6/30/14																
51	P2440	I-905 Utility Relocations	1/1/03	6/30/10																

Project: OWD FY 2009 CIP Schedule Date: 6/3/08

Milestone
  Summary
  Rolled Up Task
  Rolled Up Progress
  External Tasks
  Group By Summary

Progress
  Summary
  Rolled Up Milestone
  Split
  Project Summary
  Deadline

**Otay Water District  
FY 2009 - FY 2014  
CIP Project Schedules**

ID	CIP	CIP Project Title	Start	Finish	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
52	P2441	NG/RAMAR Meter Replacements	12/1/06	6/30/09															
53	P2453	SR-11 Utility Relocations	7/3/06	6/30/12															
54	P2456	Air and Vacuum Valve Upgrades	7/3/06	6/30/14															
55	P2458	AMR Manual Meter Replacement	7/3/06	6/30/14															
56	R2086	RWCWRF Force Main AirVac Replacements and Road Improvements	7/1/05	6/30/09															
57	S2012	SVSD Outfall and RSD Replacement and OM Reimbursement	7/1/03	6/30/14															
58	S2015	Calavo Lift Station Replacement	12/1/05	6/30/09															
59																			
60		<b>Project Category: Capital Purchase Projects</b>	12/5/00	6/30/14															
61	P2282	Vehicle Capital Purchases	12/5/00	6/30/14															
62	P2285	Office Equipment and Furniture Capital Purchases	12/5/00	6/30/14															
63	P2286	Field Equipment Capital Purchases	12/5/00	6/30/14															
64	P2443	Information Technology Mobile Services	7/1/05	6/30/13															
65	P2461	Records Management System Upgrade	7/2/07	6/30/09															
66	P2469	Information Technology Network and Hardware	7/1/08	6/30/14															
67	P2470	Application Systems Development and Integration	7/1/08	6/30/14															
68	P2478	Administration Building Engine/Generator Set	7/1/08	6/30/09															
69																			
70		<b>Project Category: Developer Reimbursement Projects</b>	8/1/02	6/30/10															
71	P2134	PL - 16-Inch, 711 Zone, Birch Road - SR 125/EastLake	7/1/03	6/30/10															
72	P2414	PL - 12" to 16" Oversize, 803 Zone, Dehesa Road - Dehesa Meadow/OWD Bndy	8/1/02	6/30/09															
73	R2033	RecPL - 12-Inch, 944 Zone, Birch Road - La Media/EastLake	7/1/03	6/30/09															

Project: OWD FY 2009 CIP Schedule  
Date: 6/3/08

Milestone   
  Rolled Up Milestone   
  Milestone   
  Rolled Up Progress   
  External Tasks   
  Group By Summary   
  Summary   
  Rolled Up Milestone   
  Split   
  Project Summary   
  Deadline

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**Capital Facility Projects**





**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2009**

**PROJECT TITLE: PL - 36-Inch, SDCWA Otay FCF No. 14 to Regulatory Site**

<b>WORK ORDER NO:</b>	Various	<b>DIRECTOR DIVISION:</b>	5
<b>PROJECT MANAGER:</b>	Ripperger	<b>I.D. LOCATION:</b>	3
<b>ORIGINAL APPROVED DATE:</b>	7/16/1997	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>	P2038	<b>BUDGET AMOUNT:</b>	\$22,000,000

**DESCRIPTION OF PROJECT:**

Construction of approximately 25,500 feet of 36-inch pipeline from San Diego County Water Authority Otay FCF No. 14 to the Regulatory Site and fund 50% of the cost to upgrade FCF No. 14 to a capacity of 16 million gallons per day.

**JUSTIFICATION OF PROJECT:**

The East County Regional Treated Water Improvement Program (ECRTWIP) Agreement was approved by Otay WD Board in December 2005 and by the San Diego County Water Authority (SDCWA) Board in February 2006. Per terms of the agreement Otay WD is obligated to construct the pipeline by March 1, 2010 and SDCWA is have operational FCF No. 14 as well.

**COMMENTS:**

The San Diego County Water Authority (SDCWA) will provide \$4.2 million in funds towards construction the pipeline. The cost estimate includes the payment of \$775,000 to SDCWA. See Work Order Nos. 2102 and 30136.

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
North District Storage	100%			100%
<b>TOTAL:</b>	100%			100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$1,850	\$8,000	\$11,450	\$700				\$22,000

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2009**

**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
PLANNING:	07/97	10/07
DESIGN:	11/07	10/08
CONSTRUCTION:	11/08	07/10

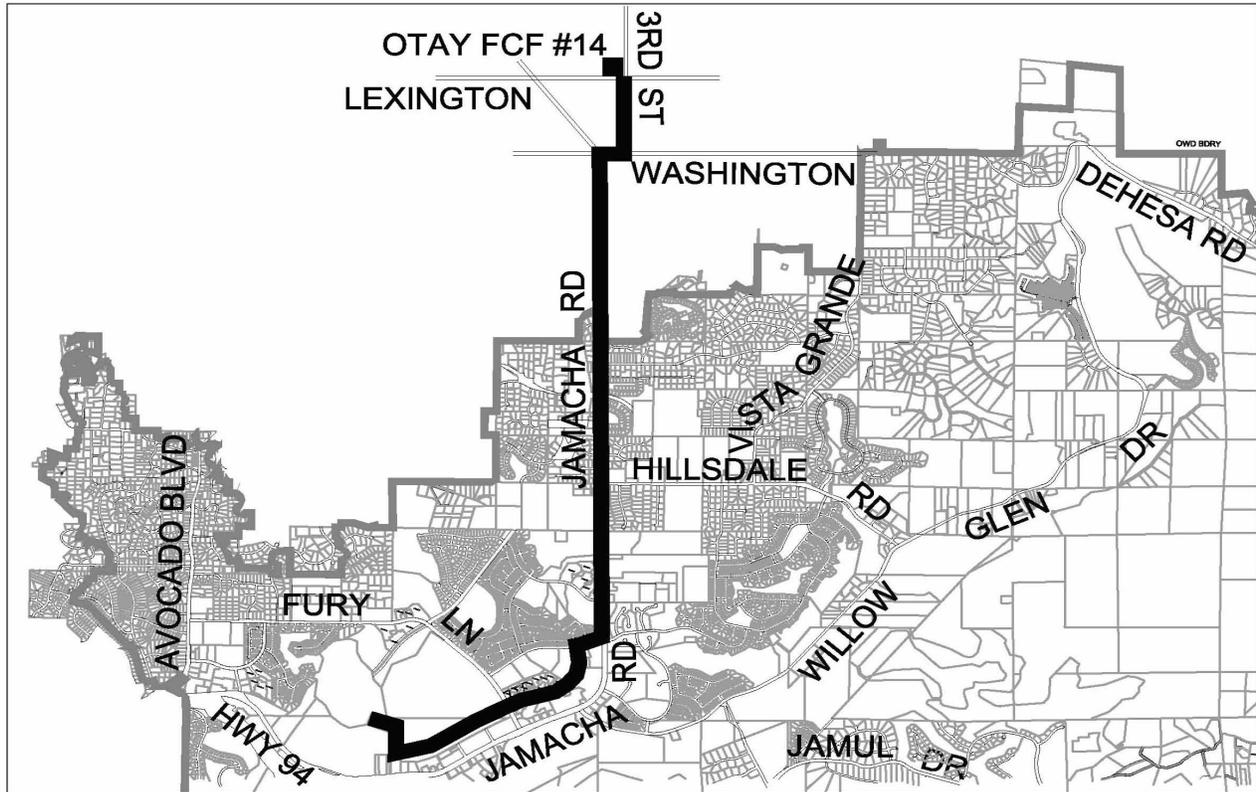
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>    |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2009</b> | <b>2010</b> | <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>TOTAL</b> |
|             |             | \$8,700     | \$9,000     | \$9,300     | \$9,600     | \$36,600     |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1272**

**OWD Map Book: 356**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2033**

**PROJECT TITLE: PL - 16-Inch, 1296 Zone, Melody Road - Campo/Presilla**

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	5
<b>PROJECT MANAGER:</b>	Ripperger	<b>I.D. LOCATION:</b>	9
<b>ORIGINAL APPROVED DATE:</b>	5/23/2005	<b>PRIORITY:</b>	2
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$1,826,000

**DESCRIPTION OF PROJECT:**

Construction of approximately 6,400 feet of 16-inch main within the 1296 Pressure Zone generally along the direction of Melody Road from Campo Road to Presilla Drive.

**JUSTIFICATION OF PROJECT:**

This project will provide transmission capacity for development within the Rancho Jamul Estates and surrounding areas within the 1296 and higher pressure zones.

**COMMENTS:**

This project will be coordinated with the proposed Peaceful Valley Ranch development project.

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	100%			100%
<b>TOTAL:</b>	100%			100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$5	\$2	\$150	\$1,000	\$669			\$1,826

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2033**

**PROJECT SCHEDULE:**

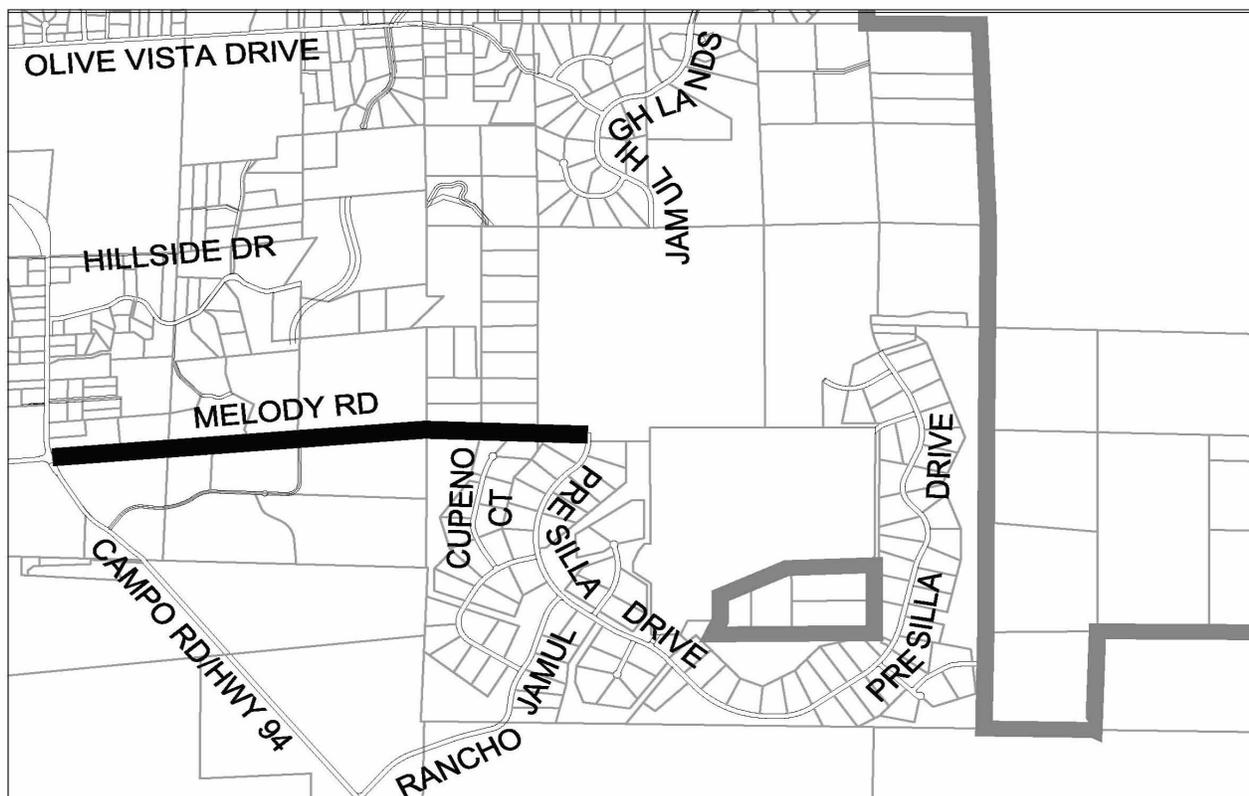
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/05	10/08
<b>DESIGN:</b>	11/08	06/10
<b>CONSTRUCTION:</b>	07/10	06/12

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>TOTAL</b>
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	
				\$2,200	\$2,300	\$4,500

**PROJECT LOCATION:** Thomas Bros. Map: 1293

**OWD Map Book: 309**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2038**

**PROJECT TITLE: PL - 12-Inch, 978 Zone, Jamacha, Hidden Mesa, and Chase Upsize and Replacements**

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	5
<b>PROJECT MANAGER:</b>	Kay	<b>I.D. LOCATION:</b>	3
<b>ORIGINAL APPROVED DATE:</b>	7/16/1997	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>	P2009	<b>BUDGET AMOUNT:</b>	\$2,400,000

**DESCRIPTION OF PROJECT:**

Construction of approximately 8,600 feet of 12-inch pipeline located within Jamacha Road, Hidden Mesa Road, and Chase Avenue. This project includes construction of a looped system between Hidden Mesa Road and Penasco Road.

**JUSTIFICATION OF PROJECT:**

The existing pipelines in Chase Avenue and Jamacha Boulevard are undersized and the existing pipeline in Hidden Mesa Road is deteriorated steel pipe that needs to be replaced and located within the roadway right-of-way away from the existing residences.

**COMMENTS:**

The Jamacha Road portion of this project is intended to be designed and constructed as part of CIP project P2009.

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
I.D. 3		50%	50%	100%
<b>TOTAL:</b>		50%	50%	100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$500	\$900	\$1,000					\$2,400

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2038**

**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/05	06/06
<b>DESIGN:</b>	07/06	03/08
<b>CONSTRUCTION:</b>	04/08	07/09

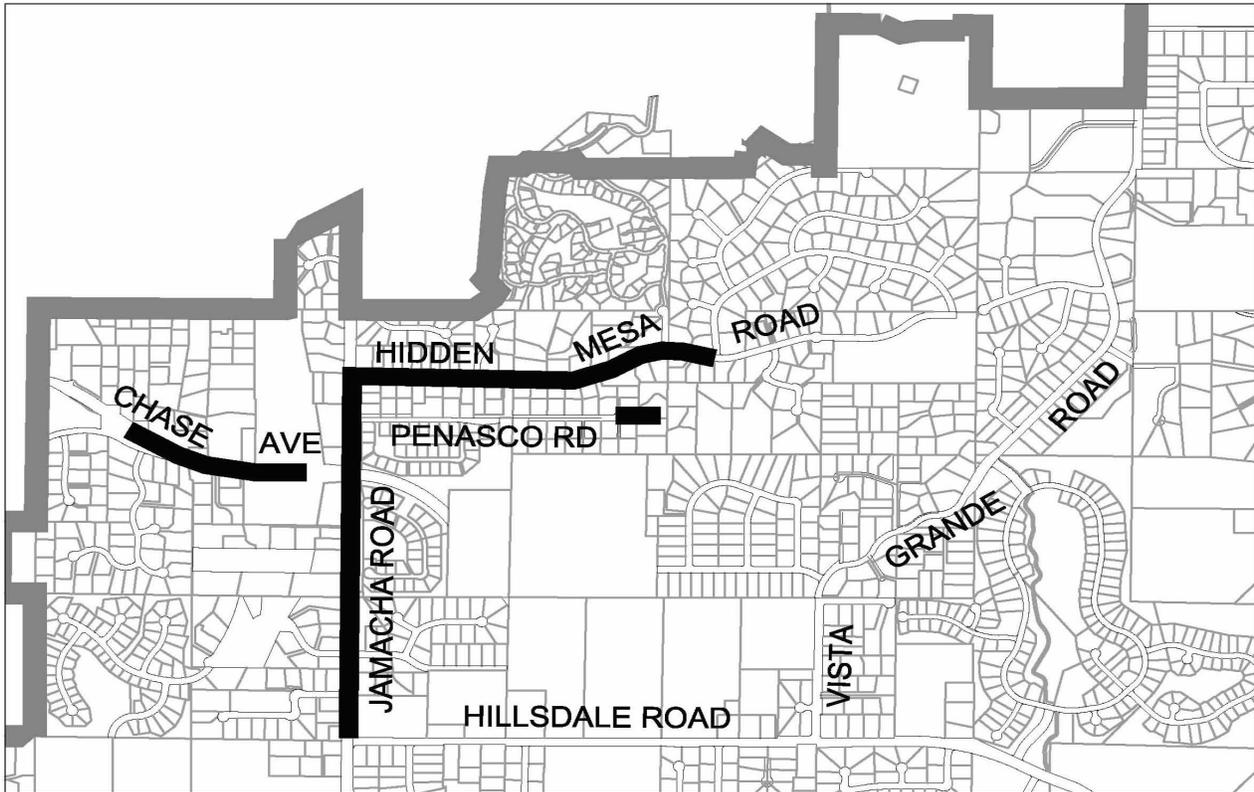
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>    |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2009</b> | <b>2010</b> | <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>TOTAL</b> |
|             | \$1,500     | \$1,500     | \$1,500     | \$1,500     | \$1,500     | \$7,500      |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1272**

**OWD Map Book: 368**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2040**

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

<b>WORK ORDER NO:</b>	Various	<b>DIRECTOR DIVISION:</b>	5
<b>PROJECT MANAGER:</b>	Ripperger	<b>I.D. LOCATION:</b>	
<b>ORIGINAL APPROVED DATE:</b>	8/19/1992	<b>PRIORITY:</b>	2
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$2,055,000

**DESCRIPTION OF PROJECT:**

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

**JUSTIFICATION OF PROJECT:**

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

**COMMENTS:**

See Work Order Nos. 2106 and 8893.

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
I.D. 9		100%		100%
<b>TOTAL:</b>		100%		100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$475	\$1	\$1	\$83	\$700	\$795		\$2,055

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2040**

**PROJECT SCHEDULE:**

**PROJECT  
PHASE:**

**ESTIMATED  
START DATE:**

**ESTIMATED  
FINISH DATE:**

**PLANNING:**

07/93

06/97

**DESIGN:**

07/97

06/10

**CONSTRUCTION:**

07/10

12/12

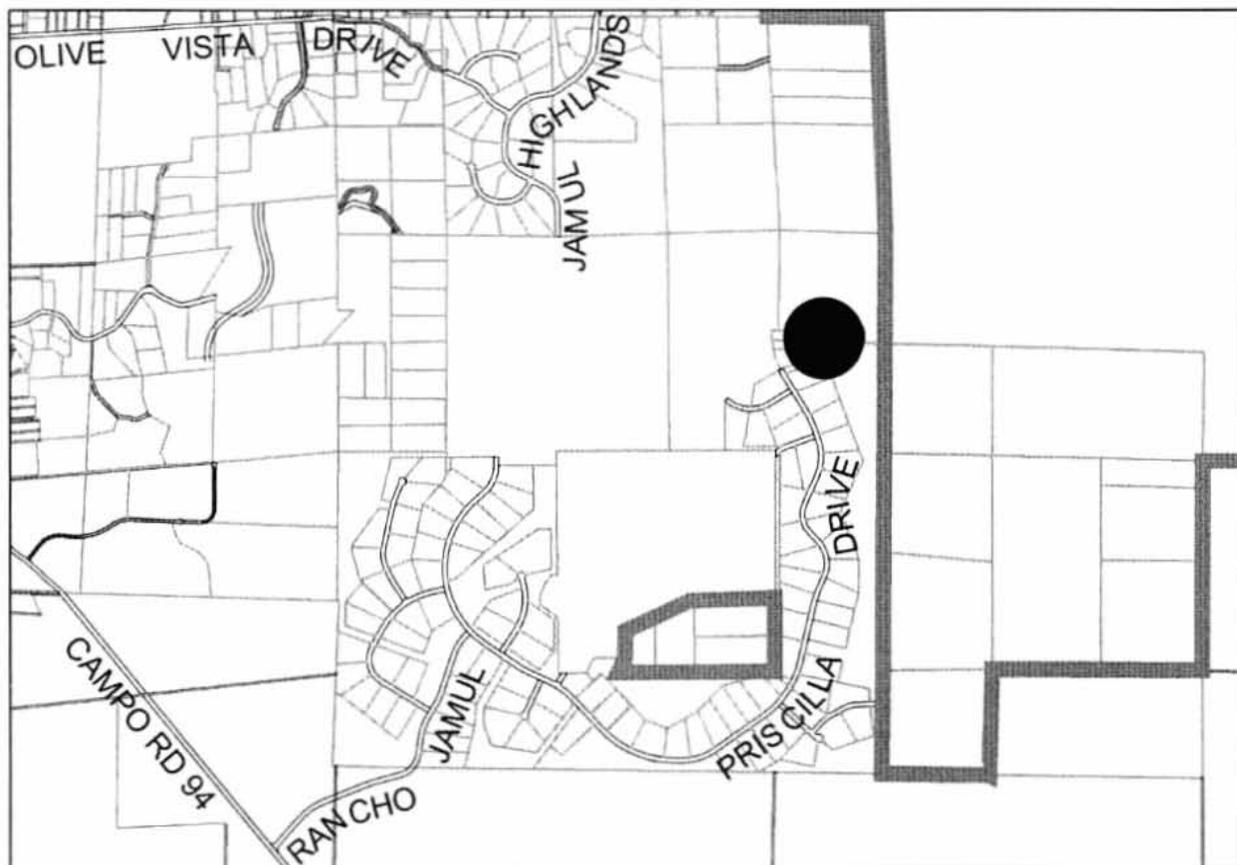
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

FY	FY	FY	FY	FY	FY	TOTAL
2009	2010	2011	2012	2013	2014	
				\$500	\$900	\$1,400

**PROJECT LOCATION:**

**Thomas Bros. Map: 1293**

**OWD Map Book: 310**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2129**

**PROJECT TITLE:** Groundwater Exploration Program

<b>WORK ORDER NO:</b>	Various	<b>DIRECTOR DIVISION:</b>	
<b>PROJECT MANAGER:</b>	Peasley	<b>I.D. LOCATION:</b>	
<b>ORIGINAL APPROVED DATE:</b>	6/15/1994	<b>PRIORITY:</b>	2
<b>RELATED CIP PROJECTS:</b>	P2348, P2434, P2450, P2457	<b>BUDGET AMOUNT:</b>	\$2,530,000

**DESCRIPTION OF PROJECT:**

This project funds the planning, exploration, and preliminary investigation of groundwater wells, pumping, treatment requirements, etc., throughout the Otay WD. Once specific projects are established for design and construction, they will be set up as separate CIP projects.

**JUSTIFICATION OF PROJECT:**

Groundwater wells may play an important role in the Otay WD water supply diversification and reliability goals. They can also reduce the Otay WD dependence on imported water by creating a local source for irrigation and/or potable water.

**COMMENTS:**

See Work Order Nos. 2354, 8399, 8415, 8911, and 9155.

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	100%			100%
<b>TOTAL:</b>	100%			100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$560	\$10	\$10	\$15	\$25	\$630	\$1,280	\$2,530

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2129**

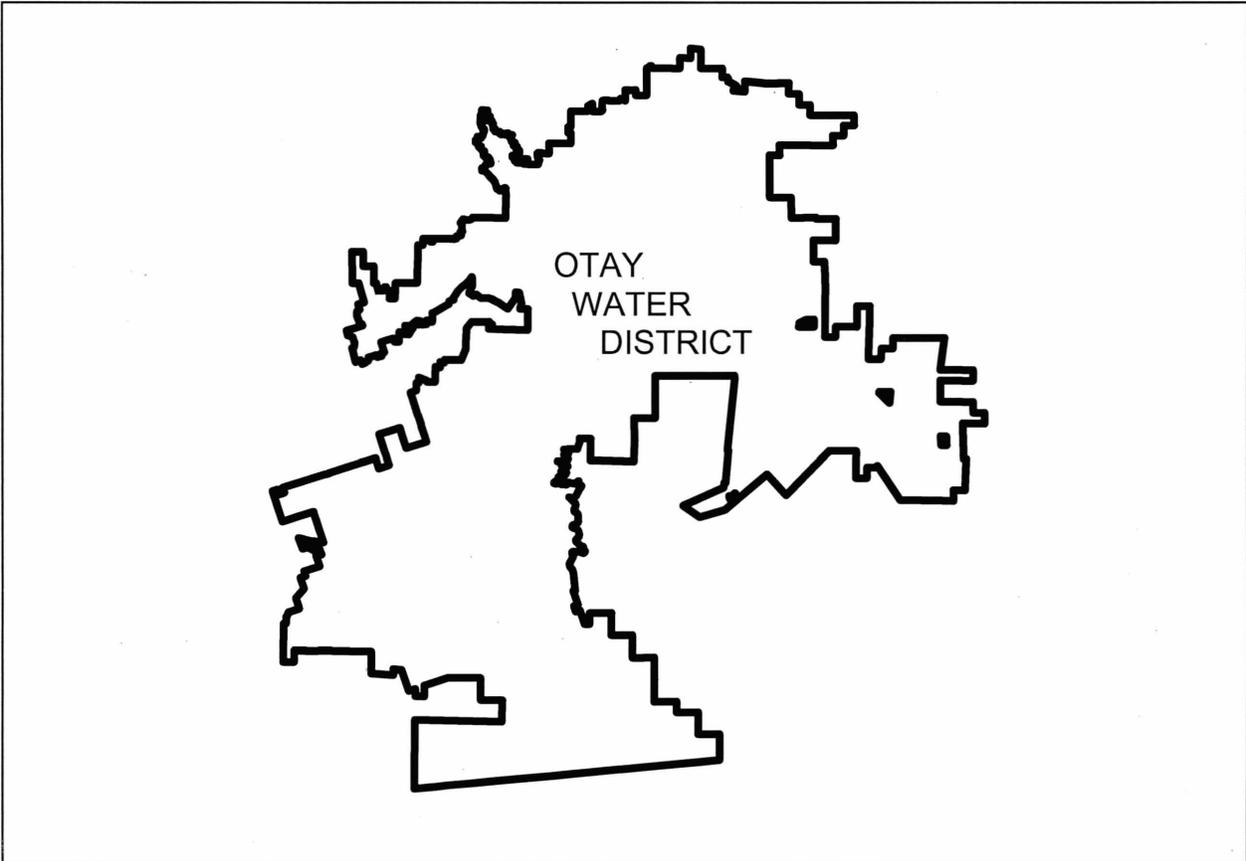
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/95	06/14
<b>DESIGN:</b>		
<b>CONSTRUCTION:</b>		

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>

**PROJECT LOCATION:**      **Thomas Bros. Map:** District Wide      **OWD Map Book:** District Wide



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2143**

**PROJECT TITLE: Res - 1296-3 Reservoir 2 MG**

<b>WORK ORDER NO:</b>	Various	<b>DIRECTOR DIVISION:</b>	5
<b>PROJECT MANAGER:</b>	Kay	<b>I.D. LOCATION:</b>	9
<b>ORIGINAL APPROVED DATE:</b>	5/17/1995	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$3,640,000

**DESCRIPTION OF PROJECT:**

Construction of a 2 million gallon steel reservoir on Otay WD property adjacent to the Otay WD existing 1296-1 and 1296-2 Reservoirs at the west terminus of Bear Mountain Way.

**JUSTIFICATION OF PROJECT:**

This project will provide additional storage in the 1296 Pressure Zone. The 1296 Pressure Zone has an existing storage deficiency of about 0.3 million gallons. An additional 12 million gallons of storage is projected to be required at ultimate development.

**COMMENTS:**

See Work Order Nos. 2394 and 30106.

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	100%			100%
<b>TOTAL:</b>	100%			100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$475	\$1,900	\$1,265					\$3,640

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2143**

**PROJECT SCHEDULE:**

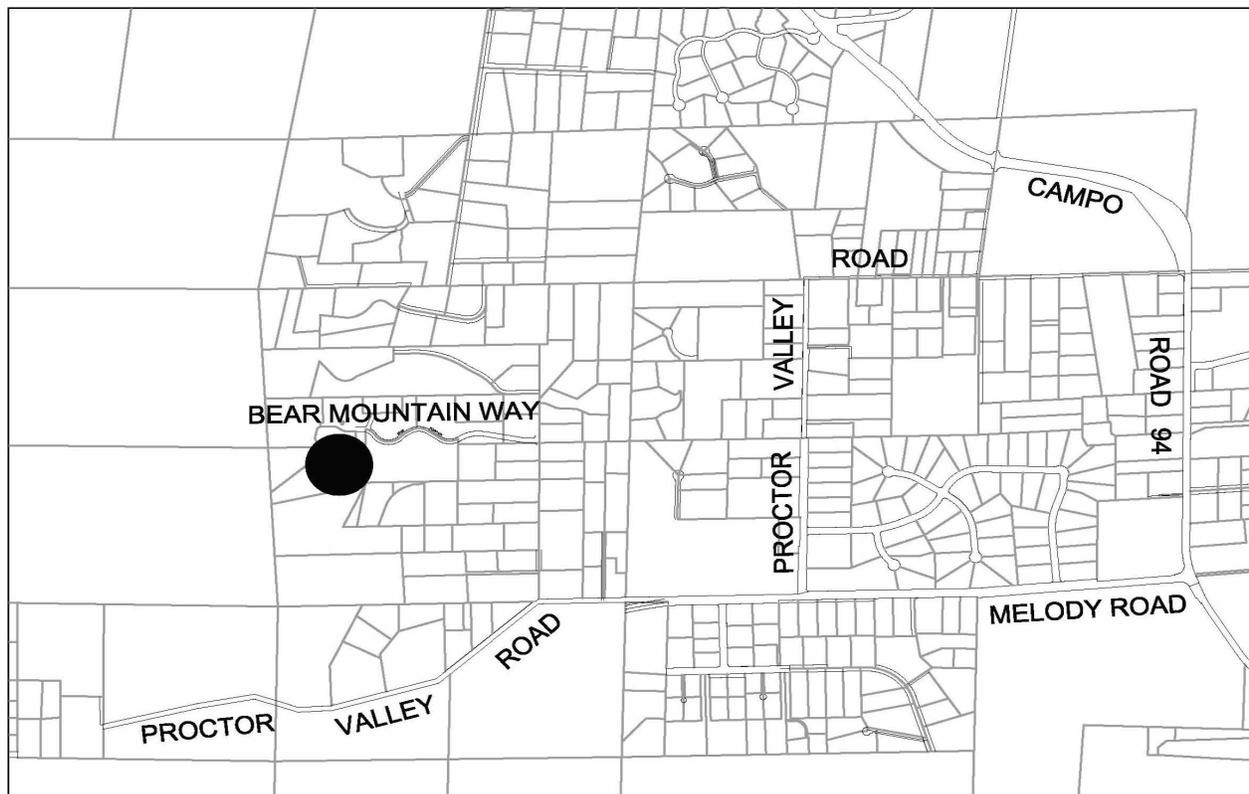
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	11/01	05/07
<b>DESIGN:</b>	06/07	08/08
<b>CONSTRUCTION:</b>	09/08	06/10

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

| <b>FY</b>    |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2009</b> | <b>2010</b> | <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>TOTAL</b> |
|             |             | \$3,800     | \$3,900     | \$4,000     | \$4,100     | \$15,800     |

**PROJECT LOCATION: Thomas Bros. Map: 1292**

**OWD Map Book: 307**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2172**

**PROJECT TITLE: PS - 1485-1 Pump Station Replacement**

<b>WORK ORDER NO:</b>	Various	<b>DIRECTOR DIVISION:</b>	5
<b>PROJECT MANAGER:</b>	Kay	<b>I.D. LOCATION:</b>	9
<b>ORIGINAL APPROVED DATE:</b>	6/16/1993	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>	P2028	<b>BUDGET AMOUNT:</b>	\$2,375,000

**DESCRIPTION OF PROJECT:**

Construction of a new pump station to replace the existing pump station and to expand capacity as projected within the Water Resources Master Plan.

**JUSTIFICATION OF PROJECT:**

The existing pump station is near capacity and has reached the end of its useful life. The improved pump station systems and additional capacity are required to meet projected demands of the 1485 and higher pressure zones.

**COMMENTS:**

See Work Order Nos. 8212 and 30138.

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
I.D. 9		50%	50%	100%
<b>TOTAL:</b>		50%	50%	100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$400	\$1,125	\$850					\$2,375

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2172**

**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/01	06/07
<b>DESIGN:</b>	07/07	07/08
<b>CONSTRUCTION:</b>	08/08	06/10

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>TOTAL</b>
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>		
		\$7,400	\$7,600	\$7,800	\$8,000		\$30,800

**PROJECT LOCATION:**

**Thomas Bros. Map: 1272**

**OWD Map Book: 323**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2185**

**PROJECT TITLE: Res - 640-1 Reservoir 20.0 MG**

<b>WORK ORDER NO:</b>	Various	<b>DIRECTOR DIVISION:</b>	5
<b>PROJECT MANAGER:</b>	Ripperger	<b>I.D. LOCATION:</b>	20
<b>ORIGINAL APPROVED DATE:</b>	8/19/1992	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$28,500,000

**DESCRIPTION OF PROJECT:**

This project consists of two 10 million gallon structures where one will provide operational storage for ultimate projected demand conditions for the planned La Presa System 640 Pressure Zone. The other 10 million gallon reservoir will provide emergency storage for the North District systems.

**JUSTIFICATION OF PROJECT:**

Storage for the La Presa System is needed to correct existing substantial deficiencies and to operate in conjunction with the existing 36-inch transmission pipeline to prevent depressurization of the La Presa System. The reservoirs will provide higher suction pressures to the 803-1 Pump Station and 832-1 Pump Station resulting in significant energy savings. The 640 Reservoir storage is required to be able to meet the 10,000 acre-feet per year take requirement from the Helix WD Levy WTP per terms of the ECRTWIP agreement.

**COMMENTS:**

See Work Order Nos. 2107, 2807, and 30018.

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	53%	47%		100%
<b>TOTAL:</b>	53%	47%		100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$24,600	\$3,900						\$28,500

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2185**

**PROJECT SCHEDULE:**

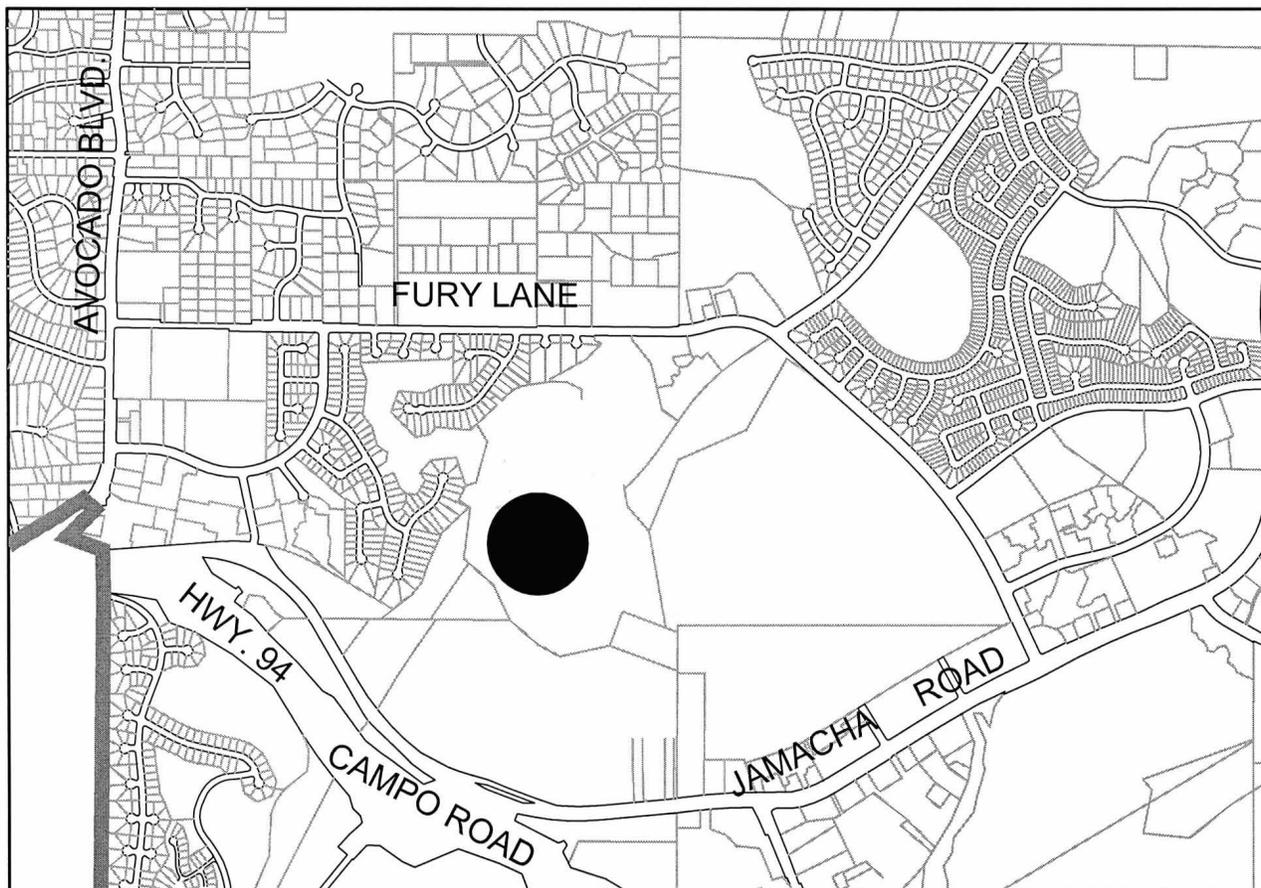
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	11/91	08/04
<b>DESIGN:</b>	09/04	11/06
<b>CONSTRUCTION:</b>	12/06	06/09

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

| <b>FY</b>    |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2009</b> | <b>2010</b> | <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>TOTAL</b> |
|             | \$37,600    | \$17,900    | \$37,600    | \$38,700    | \$39,900    | \$171,700    |

**PROJECT LOCATION:** Thomas Bros. Map: 1271

**OWD Map Book: 343**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2190**

**PROJECT TITLE: PL - 10-Inch, 1485 Zone, Jamul Highlands Road to Presilla Drive**

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	5
<b>PROJECT MANAGER:</b>	Ripperger	<b>I.D. LOCATION:</b>	9
<b>ORIGINAL APPROVED DATE:</b>	5/23/2005	<b>PRIORITY:</b>	2
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$228,000

**DESCRIPTION OF PROJECT:**

Construction of approximately 1,300 feet of 10-inch pipeline within the 1485 Pressure Zone located in Jamul Highlands Road to the future extension of Presilla Drive.

**JUSTIFICATION OF PROJECT:**

The project will increase system reliability by providing a loop system, increase service capabilities, and insure adequate fire protection for the Rancho Jamul Estates area. The project is planned to coincide with the development of Rancho Jamul Estates Unit No. 3 and surrounding land areas.

**COMMENTS:**

This project is to coincide with development of Rancho Jamul Estates Unit No. 3 and/or other nearby land areas.

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
I.D. 9		100%		100%
<b>TOTAL:</b>		100%		100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$4	\$5	\$5	\$120	\$94			\$228

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2190**

**PROJECT SCHEDULE:**

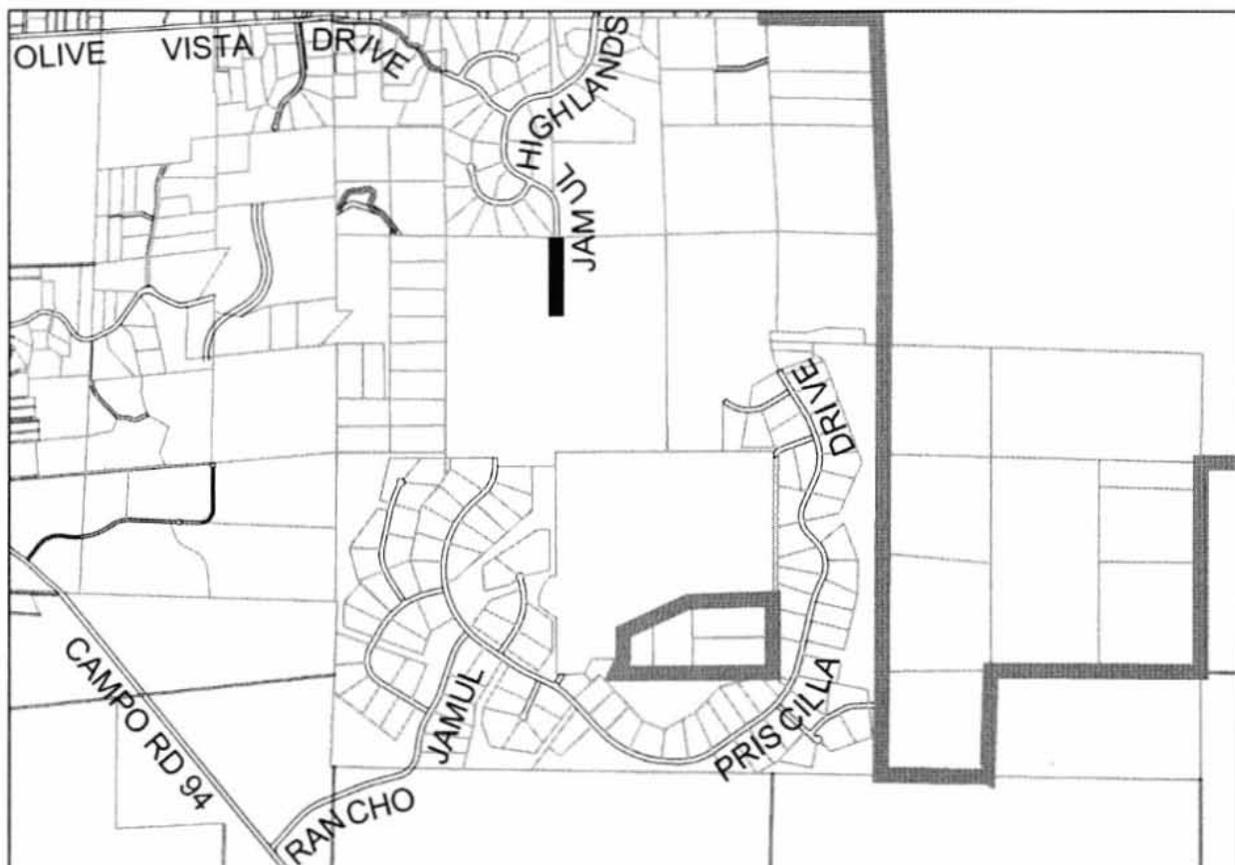
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/05	06/07
<b>DESIGN:</b>	07/07	06/10
<b>CONSTRUCTION:</b>	07/10	06/12

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>TOTAL</b>
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	
				\$400	\$400	\$800

**PROJECT LOCATION: Thomas Bros. Map: 1293**

**OWD Map Book: 310**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2191**

**PROJECT TITLE:** Res - 850-4 Reservoir 2.2 MG

<b>WORK ORDER NO:</b>	Various	<b>DIRECTOR DIVISION:</b>	3
<b>PROJECT MANAGER:</b>	Kay	<b>I.D. LOCATION:</b>	20
<b>ORIGINAL APPROVED DATE:</b>	7/16/1997	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$3,250,000

**DESCRIPTION OF PROJECT:**

Construction of a 2.2 million gallon steel reservoir on Otay WD property adjacent to the existing 850-2 Reservoir in the La Presa System 850 Pressure Zone. The project is located at the South terminus of Ledge Avenue in Spring Valley.

**JUSTIFICATION OF PROJECT:**

This project is required to increase operational, emergency, and fire storage in the 850 Pressure Zone. The 850 Pressure Zone storage is currently at capacity and will require this additional storage volume to meet the projected ultimate storage volume.

**COMMENTS:**

See Work Order Nos. 8808 and 8943.

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	27%	73%		100%
<b>TOTAL:</b>	27%	73%		100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$1,100	\$1,950	\$200					\$3,250

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2191**

**PROJECT SCHEDULE:**

**PROJECT  
PHASE:**

**ESTIMATED  
START DATE:**

**ESTIMATED  
FINISH DATE:**

**PLANNING:**

07/03

12/04

**DESIGN:**

01/05

12/07

**CONSTRUCTION:**

01/08

12/09

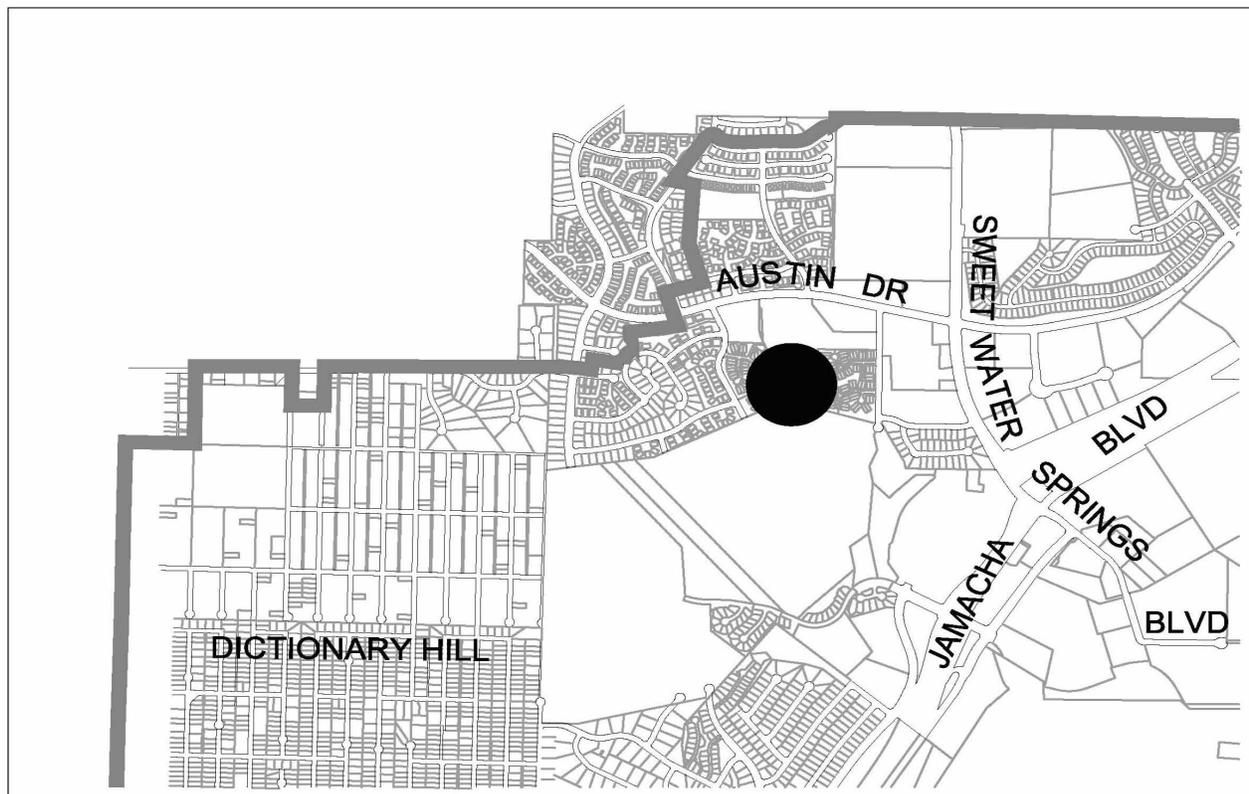
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

FY	FY	FY	FY	FY	FY	
2009	2010	2011	2012	2013	2014	TOTAL
	\$2,100	\$4,300	\$4,400	\$4,500	\$4,600	\$19,900

**PROJECT LOCATION:**

**Thomas Bros. Map: 1291**

**OWD Map Book: 317**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2318**

**PROJECT TITLE: PL - 20-Inch, 657 Zone, Summit Cross-Tie and 36-Inch Main Connections**

<b>WORK ORDER NO:</b>	<b>DIRECTOR DIVISION:</b> 3
<b>PROJECT MANAGER:</b> Ripperger	<b>I.D. LOCATION:</b> 1
<b>ORIGINAL APPROVED DATE:</b> 7/16/1997	<b>PRIORITY:</b> 1
<b>RELATED CIP PROJECTS:</b> P2185, P2370	<b>BUDGET AMOUNT:</b> \$601,000

**DESCRIPTION OF PROJECT:**

Construction of a 20-inch pipeline between the two existing 18-inch mains to allow for bypass of the existing 36-inch transmission main near the old San Diego County Water Authority Otay FCF No. 5 that was on Pipeline No. 3. Also includes construction of several system connections to the existing 36-inch transmission main within the La Presa System.

**JUSTIFICATION OF PROJECT:**

This will provide adequate and enhanced pipeline transmission capacity, increase reliability, and provide operational flexibility for the existing La Presa System network. This project is required when the 640 Reservoirs become operational.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
North District Fee		100%		100%
<b>TOTAL:</b>		100%		100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$57	\$200	\$344					\$601

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2318**

**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	11/97	11/07
<b>DESIGN:</b>	12/07	05/09
<b>CONSTRUCTION:</b>	06/09	06/10

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

| <b>FY</b>    |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2009</b> | <b>2010</b> | <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>TOTAL</b> |
|             |             | \$100       | \$100       | \$100       | \$100       | \$400        |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1291**

**OWD Map Book: 198**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2387**

**PROJECT TITLE: PL - 12-Inch, 832 Zone, Steele Canyon Road - Via Caliente/Campo**

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	5
<b>PROJECT MANAGER:</b>	Kay	<b>I.D. LOCATION:</b>	20
<b>ORIGINAL APPROVED DATE:</b>	6/5/2002	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$584,000

**DESCRIPTION OF PROJECT:**

Replacement of the existing 12-inch pipeline along Steele Canyon Road with approximately 1,800 feet of 12-inch main within the 832 Pressure Zone.

**JUSTIFICATION OF PROJECT:**

The existing pipeline is within front yards of several homes and it poses a potential threat to cause significant property damage.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
I.D. 2		100%		100%
<b>TOTAL:</b>		100%		100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$84	\$500						\$584

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2387**

**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/05	08/06
<b>DESIGN:</b>	09/06	03/08
<b>CONSTRUCTION:</b>	04/08	06/09

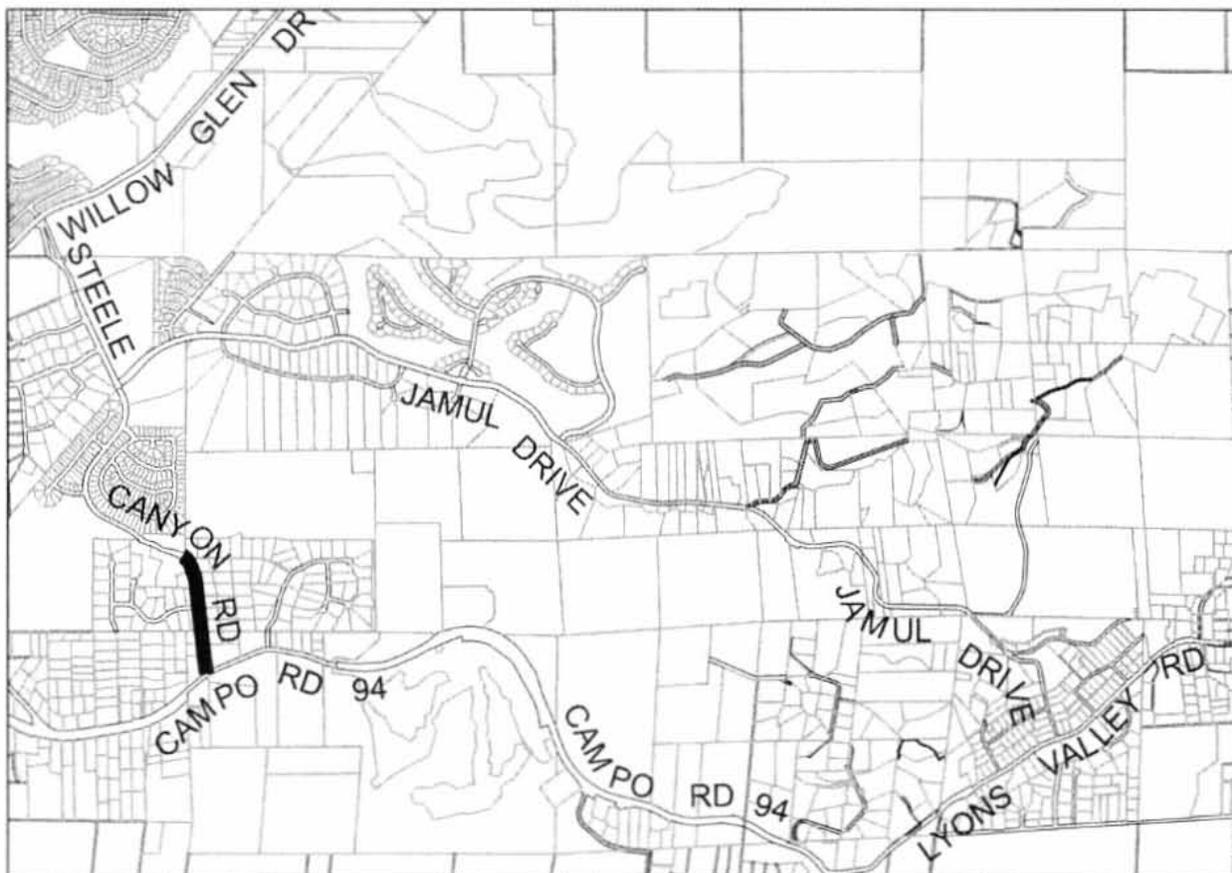
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>TOTAL</b>
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>		
	\$600	\$600	\$600	\$600	\$600	\$600	\$3,000

**PROJECT LOCATION:**

**Thomas Bros. Map: 1272**

**OWD Map Book: 321**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2450**

**PROJECT TITLE:** Otay River Groundwater Well Demineralization/Development

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	
<b>PROJECT MANAGER:</b>	Peasley	<b>I.D. LOCATION:</b>	
<b>ORIGINAL APPROVED DATE:</b>	5/23/2006	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>	P2129, P2462	<b>BUDGET AMOUNT:</b>	\$5,000,000

**DESCRIPTION OF PROJECT:**

The Sweetwater Authority and Otay WD are investigating the possibility to develop a brackish water demineralization facility within the Otay River to produce say 5 million gallons per day of potable water.

**JUSTIFICATION OF PROJECT:**

This project will provide for a level of water supply independence from San Diego County Water Authority.

**COMMENTS:**

The Sweetwater Authority was awarded a Proposition 50 grant to help pay for 50% of the cost of the feasibility study.

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	100%			100%
<b>TOTAL:</b>	100%			100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
	\$115	\$85	\$800	\$3,600	\$400		\$5,000

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2450**

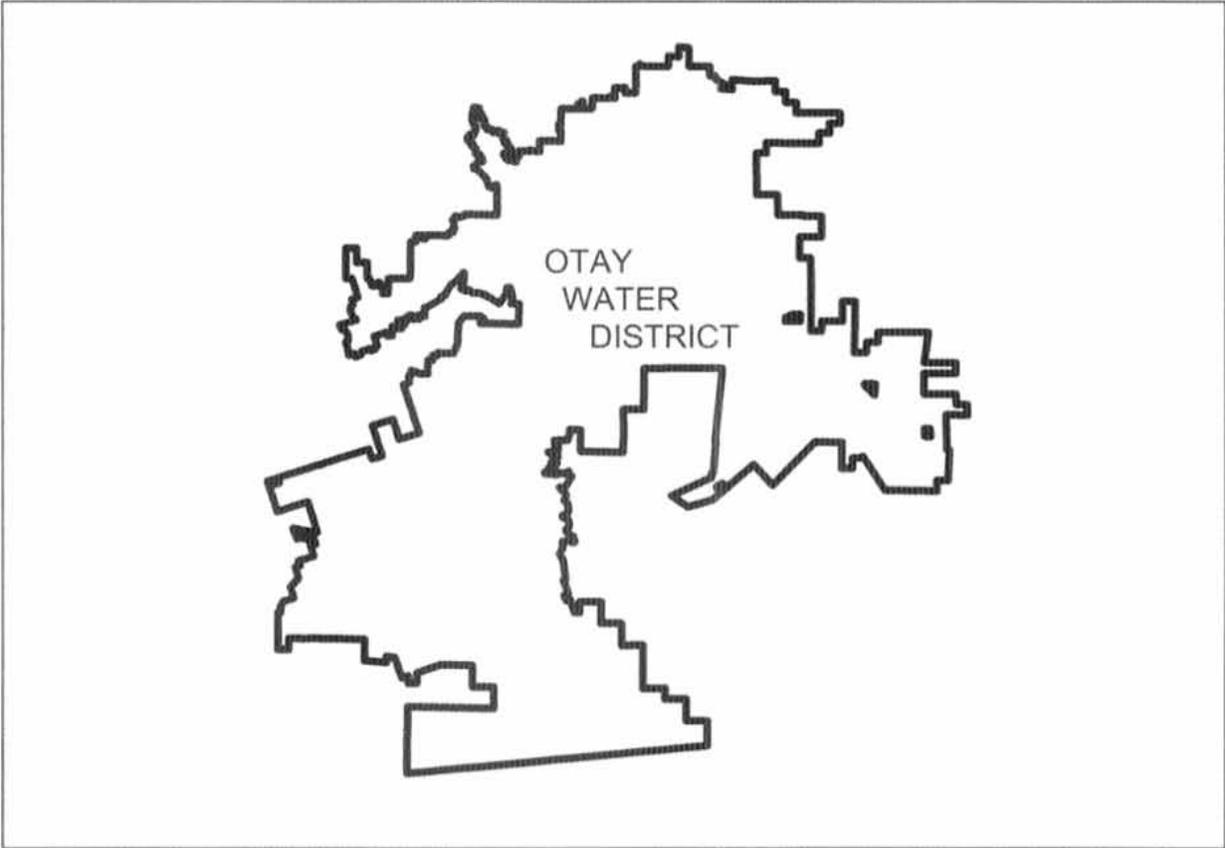
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/07	06/10
<b>DESIGN:</b>	07/10	12/11
<b>CONSTRUCTION:</b>	01/12	06/13

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>TOTAL</b>
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	
					\$28,100	\$28,100

**PROJECT LOCATION:**      **Thomas Bros. Map:** District Wide      **OWD Map Book:** District Wide



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2451**

**PROJECT TITLE:** Rosarito Desalination Facility Conveyance System

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	
<b>PROJECT MANAGER:</b>	Peasley	<b>I.D. LOCATION:</b>	
<b>ORIGINAL APPROVED DATE:</b>	5/23/2006	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$5,000,000

**DESCRIPTION OF PROJECT:**

The San Diego Region could potentially receive a potable water supply source from the planned Rosarito Desalination Facility via a conveyance system or an exchange arrangement.

**JUSTIFICATION OF PROJECT:**

The conveyance system or exchange concept could provide for a independent water source to the San Diego County Region.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	100%			100%
<b>TOTAL:</b>	100%			100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$50	\$150	\$150	\$150	\$150	\$1,350	\$3,000	\$5,000

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2451**

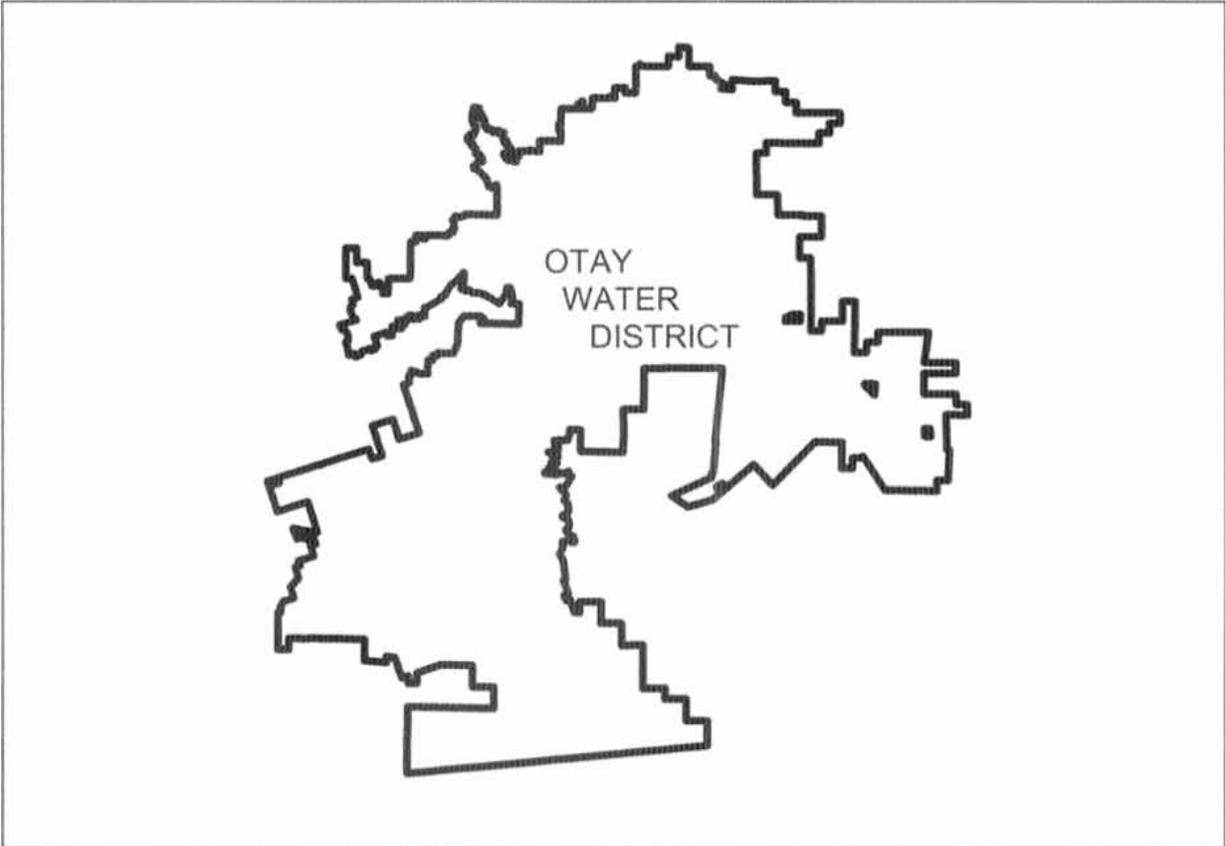
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/06	06/10
<b>DESIGN:</b>	07/10	12/11
<b>CONSTRUCTION:</b>	01/12	06/14

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>

**PROJECT LOCATION:**      **Thomas Bros. Map:** District Wide      **OWD Map Book:** District Wide



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2457**

**PROJECT TITLE: Otay Mountain Groundwater Well Development**

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	2
<b>PROJECT MANAGER:</b>	Peasley	<b>I.D. LOCATION:</b>	7
<b>ORIGINAL APPROVED DATE:</b>	5/23/2006	<b>PRIORITY:</b>	2
<b>RELATED CIP PROJECTS:</b>	P2129	<b>BUDGET AMOUNT:</b>	\$6,500,000

**DESCRIPTION OF PROJECT:**

This project is to provide funding for development of a potential groundwater production well on Otay Mesa near the foot of Otay Mountain.

**JUSTIFICATION OF PROJECT:**

The potential of an agreement for the development of a potable water production well could provide the possibility of an independent local water supply resource for the Otay WD.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	100%			100%
<b>TOTAL:</b>	100%			100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
	\$10	\$290	\$6,000	\$200			\$6,500

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2457**

**PROJECT SCHEDULE:**

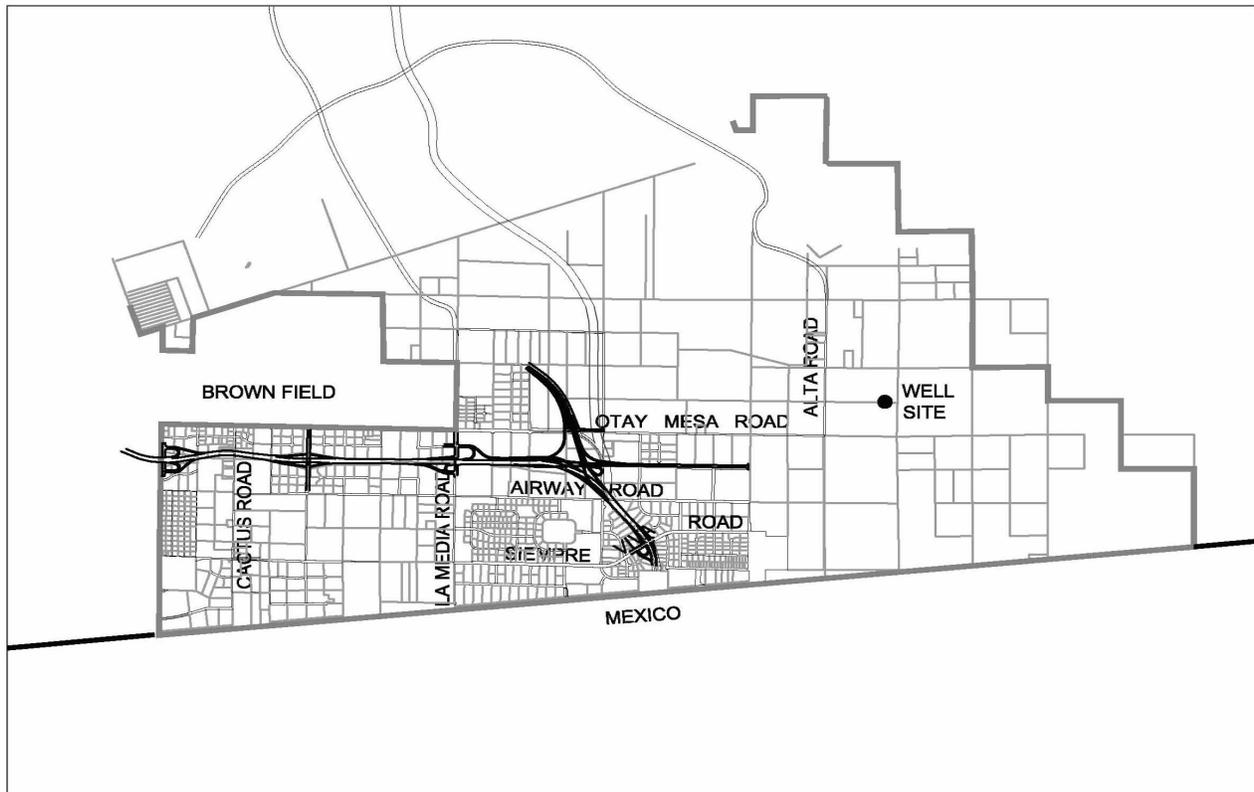
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	12/07	06/09
<b>DESIGN:</b>	07/09	09/10
<b>CONSTRUCTION:</b>	10/10	06/12

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>TOTAL</b>
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	
				\$11,200	\$11,500	\$22,700

**PROJECT LOCATION: Thomas Bros. Map: 1352**

**OWD Map Book: 27**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2460**

**PROJECT TITLE: I.D. 7 Trestle and Pipeline Demolition**

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	2
<b>PROJECT MANAGER:</b>	Ripperger	<b>I.D. LOCATION:</b>	7
<b>ORIGINAL APPROVED DATE:</b>	5/29/2007	<b>PRIORITY:</b>	2
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$376,000

**DESCRIPTION OF PROJECT:**

The proposed project is to remove the existing trestle and 24-inch pipeline that crosses the Otay River valley. This pipeline was the transmission main to supply water to the Otay Mesa System.

**JUSTIFICATION OF PROJECT:**

The existing pipeline is no longer in service and should be removed to address liability concerns. The Central Area-Otay Mesa Interconnection Pipeline supplies water to the Otay Mesa System.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund			100%	100%
<b>TOTAL:</b>			100%	100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$1	\$20	\$55	\$300				\$376

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2460**

**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/07	10/08
<b>DESIGN:</b>	11/08	06/10
<b>CONSTRUCTION:</b>	07/10	06/11

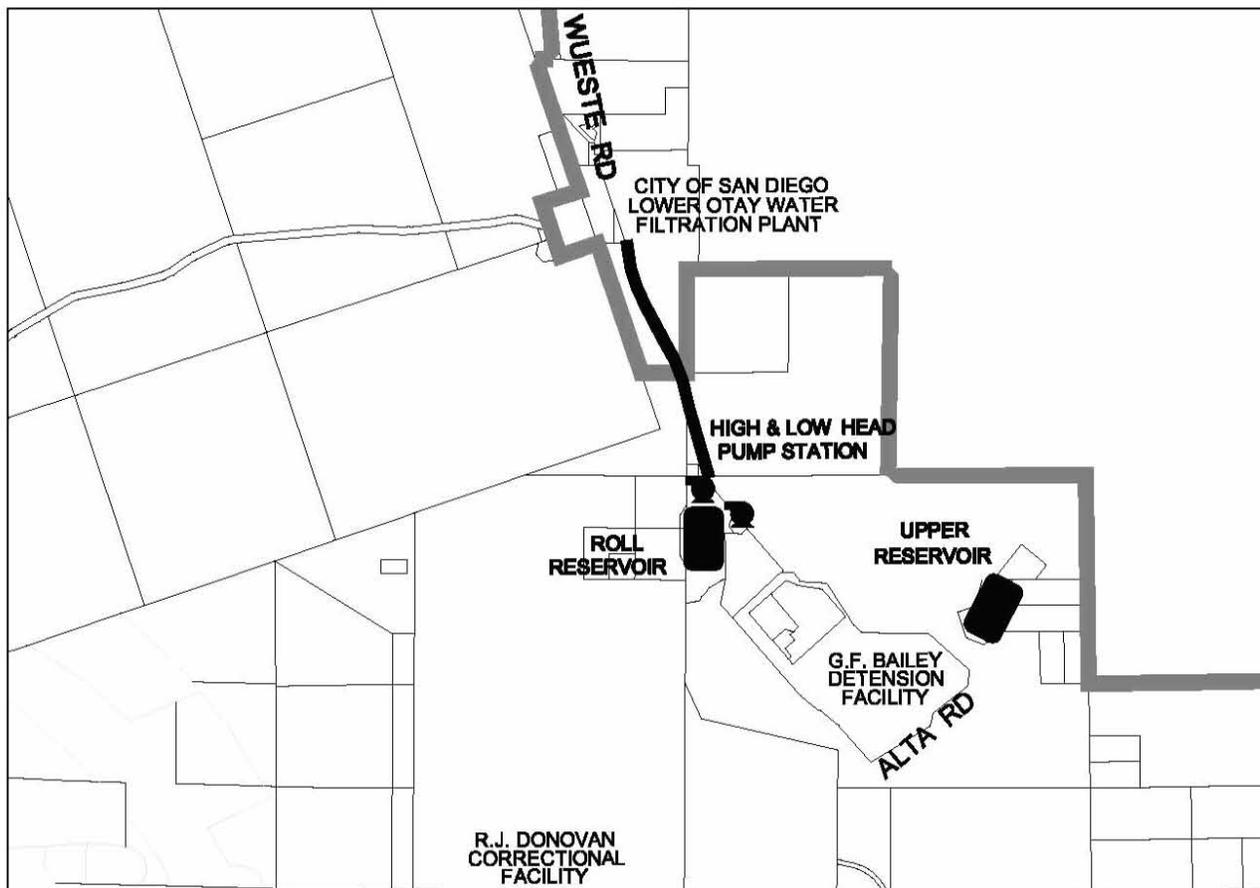
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>TOTAL</b>
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>		

**PROJECT LOCATION:**

**Thomas Bros. Map: 1332**

**OWD Map Book: 71**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2462**

**PROJECT TITLE:** Otay River Demineralization Feasibility Study

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	
<b>PROJECT MANAGER:</b>	Peasley	<b>I.D. LOCATION:</b>	
<b>ORIGINAL APPROVED DATE:</b>	5/29/2007	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>	P2450	<b>BUDGET AMOUNT:</b>	\$200,000

**DESCRIPTION OF PROJECT:**

This project is a feasibility study of the concept to potentially develop a demineralization facility within the Otay River valley. The project is being jointly funded by Sweetwater Authority and Otay WD. Proposition 50 funding for 50% of the cost has been secured by Sweetwater Authority.

**JUSTIFICATION OF PROJECT:**

The potential of an agreement for the development of a potable water production well could provide the possibility of an independent local water supply resource for the Otay WD.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	100%			100%
<b>TOTAL:</b>	100%			100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$50	\$150						\$200

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2462**

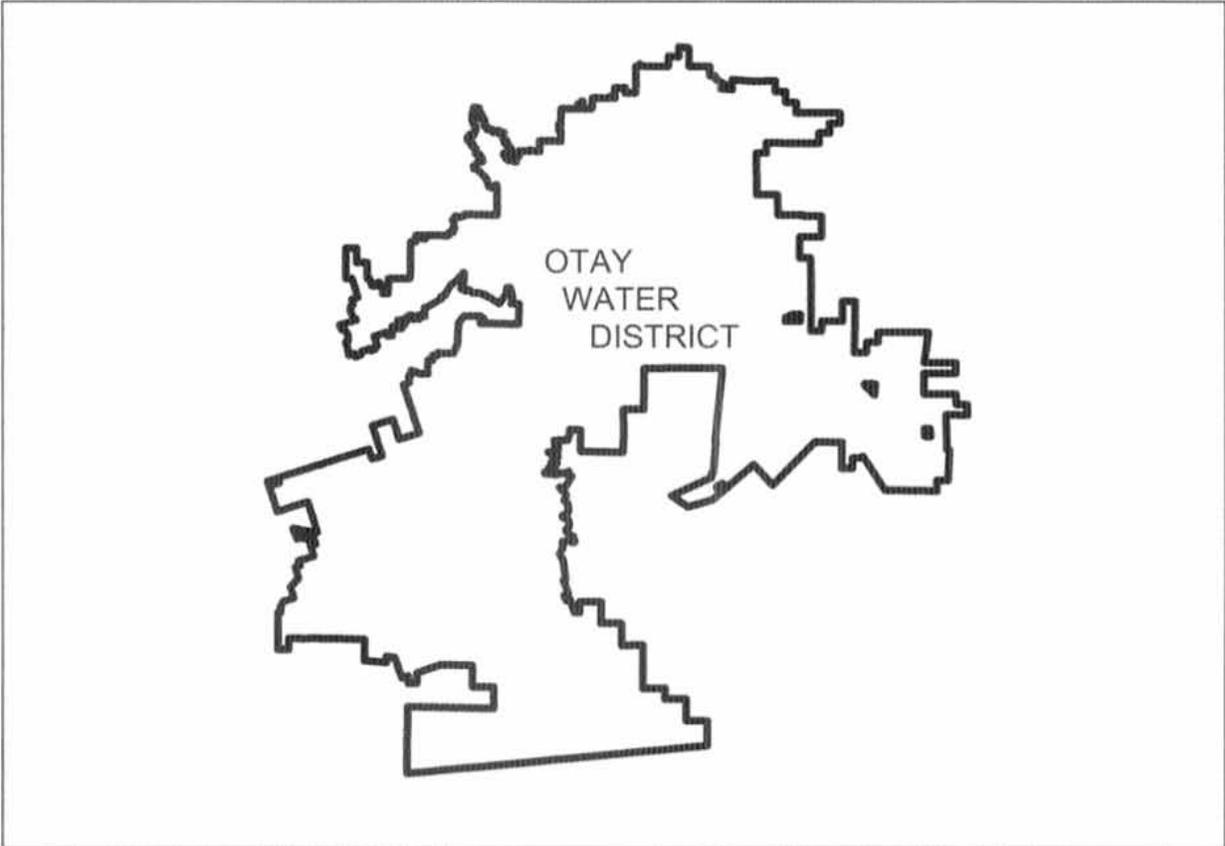
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/07	06/09
<b>DESIGN:</b>		
<b>CONSTRUCTION:</b>		

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>

**PROJECT LOCATION:**      **Thomas Bros. Map:** District Wide      **OWD Map Book:** District Wide



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2463**

**PROJECT TITLE:** South Bay Regional Concentrate Conveyance Feasibility Study

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	
<b>PROJECT MANAGER:</b>	Peasley	<b>I.D. LOCATION:</b>	
<b>ORIGINAL APPROVED DATE:</b>	5/29/2007	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$25,000

**DESCRIPTION OF PROJECT:**

This project is a feasibility study of the concept to potentially develop a South Bay regional concentrate conveyance facility. The project is being jointly funded by San Diego County Water Authority (SDCWA), Sweetwater Authority, the City of San Diego, and Otay WD. Proposition 50 funding for 50% of the cost has been secured by the SDCWA.

**JUSTIFICATION OF PROJECT:**

The potential of the development of a regional concentrate conveyance facility within the South Bay would provide the region with the ability to dispose of brine concentrates into the ocean. The facility could be an important element for the development of a potable water production wells that could provide the possibility of an independent local water supply resource for the Otay WD and others.

**COMMENTS:**

The San Diego County Water Authority has stated that they will fund the entire cost share on behalf of the other partnering agencies.

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	100%			100%
<b>TOTAL:</b>	100%			100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$10	\$15						\$25

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2463**

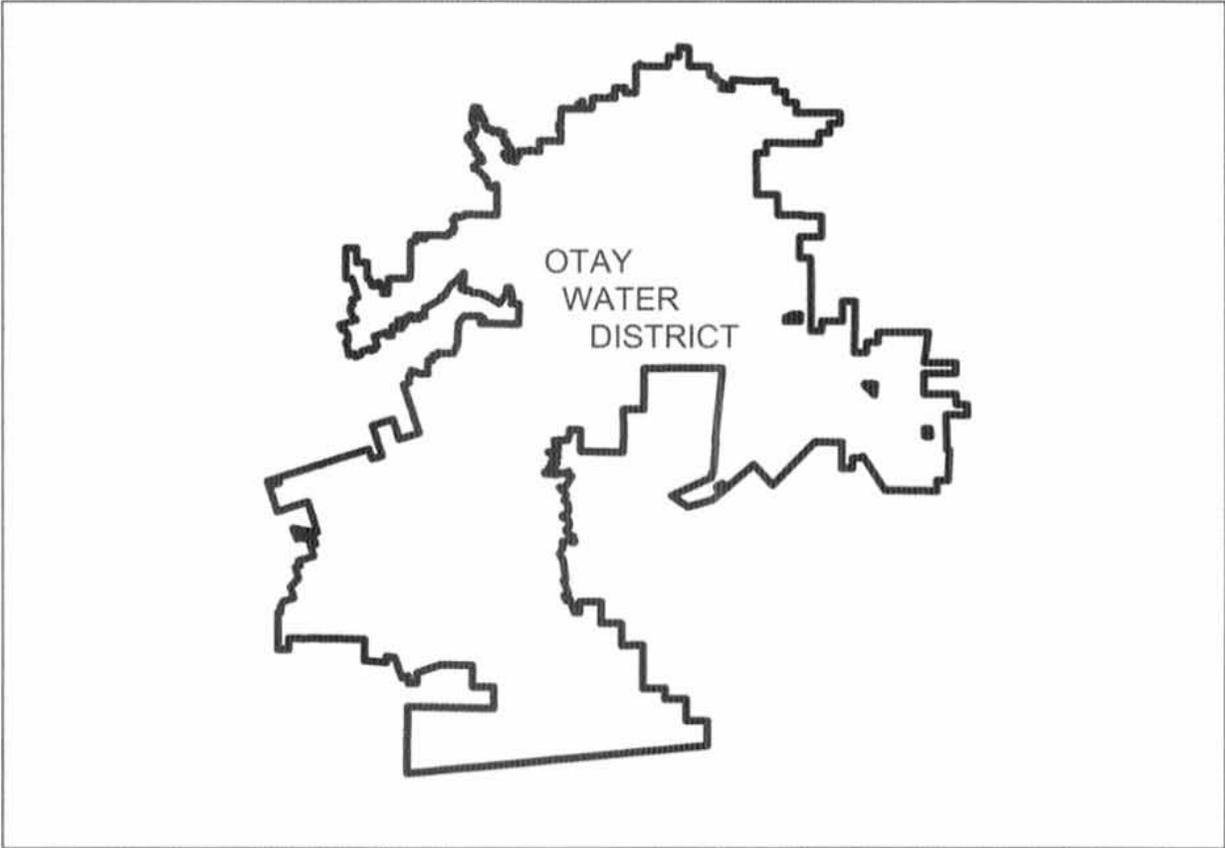
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/07	06/09
<b>DESIGN:</b>		
<b>CONSTRUCTION:</b>		

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>

**PROJECT LOCATION:**      **Thomas Bros. Map:** District Wide      **OWD Map Book:** District Wide



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2464**

**PROJECT TITLE:** San Diego 17 Pump Station and Flow Control Facility

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	
<b>PROJECT MANAGER:</b>	Peasley	<b>I.D. LOCATION:</b>	
<b>ORIGINAL APPROVED DATE:</b>	5/29/2007	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$30,000

**DESCRIPTION OF PROJECT:**

This project is for the construction of a pump station by the City of San Diego, known as SD17 at their Alvarado Water Treatment Plant. The pump station capacity is 60 million gallons per day (mgd) of which Otay may acquire up to 35 mgd. The City of San Diego has the potential to acquire Proposition 50 funding for about \$6,500,000 from construction of SD17.

**JUSTIFICATION OF PROJECT:**

With the pending agreement approval with the City of San Diego and the San Diego County Water Authority and subsequent construction of SD17, Otay WD will be able to take water supply from the Alvarado WTP.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	100%			100%
<b>TOTAL:</b>	100%			100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$15	\$15						\$30

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2464**

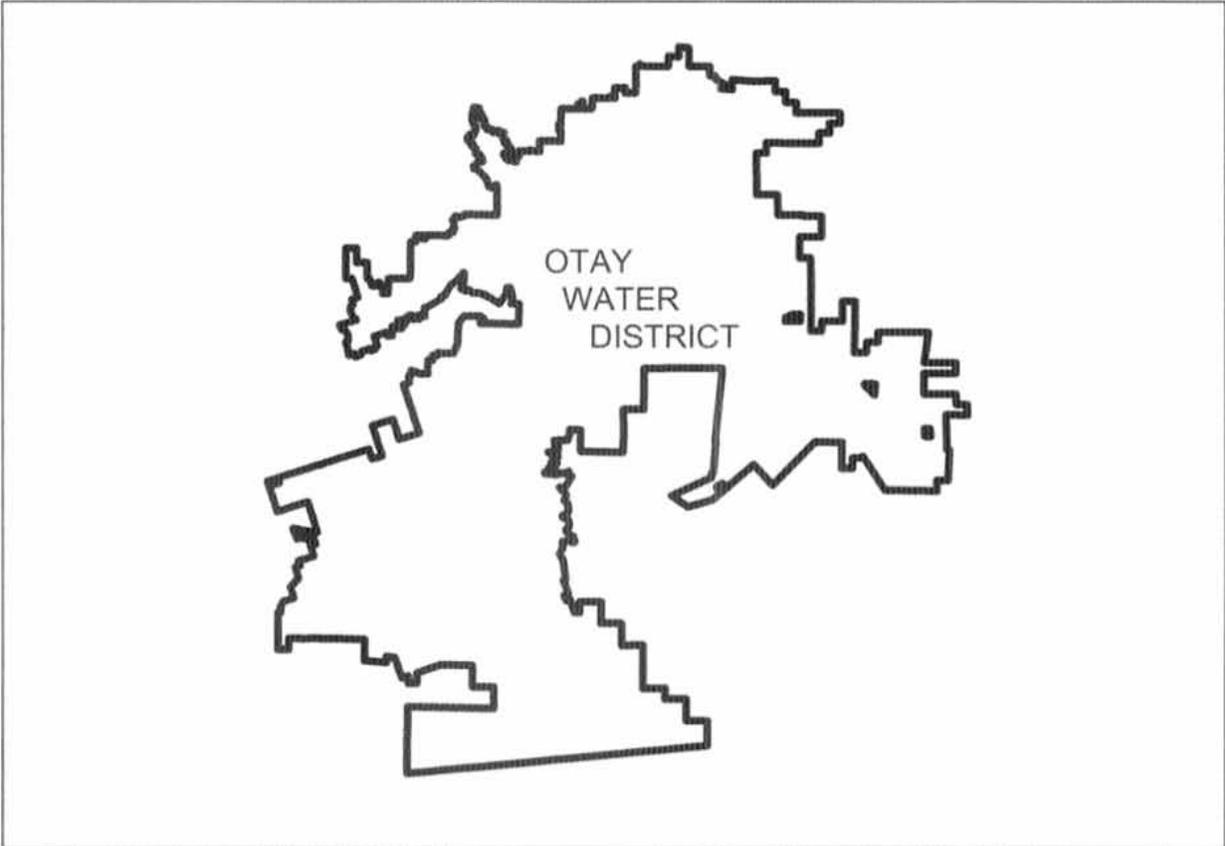
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/07	06/09
<b>DESIGN:</b>		
<b>CONSTRUCTION:</b>		

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>

**PROJECT LOCATION:**      **Thomas Bros. Map:** District Wide      **OWD Map Book:** District Wide



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2465**

**PROJECT TITLE:** Regulatory Site Material Storage Bins

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	5
<b>PROJECT MANAGER:</b>	Grunow	<b>I.D. LOCATION:</b>	20
<b>ORIGINAL APPROVED DATE:</b>	5/29/2007	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>	P2185	<b>BUDGET AMOUNT:</b>	\$250,000

**DESCRIPTION OF PROJECT:**

This project is to install material storage bins at the Regulatory Site.

**JUSTIFICATION OF PROJECT:**

The material storage bins will improve the efficiency of the Otay WD operations for their installation and construction efforts.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	100%			100%
<b>TOTAL:</b>	100%			100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$30	\$220						\$250

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2465**

**PROJECT SCHEDULE:**

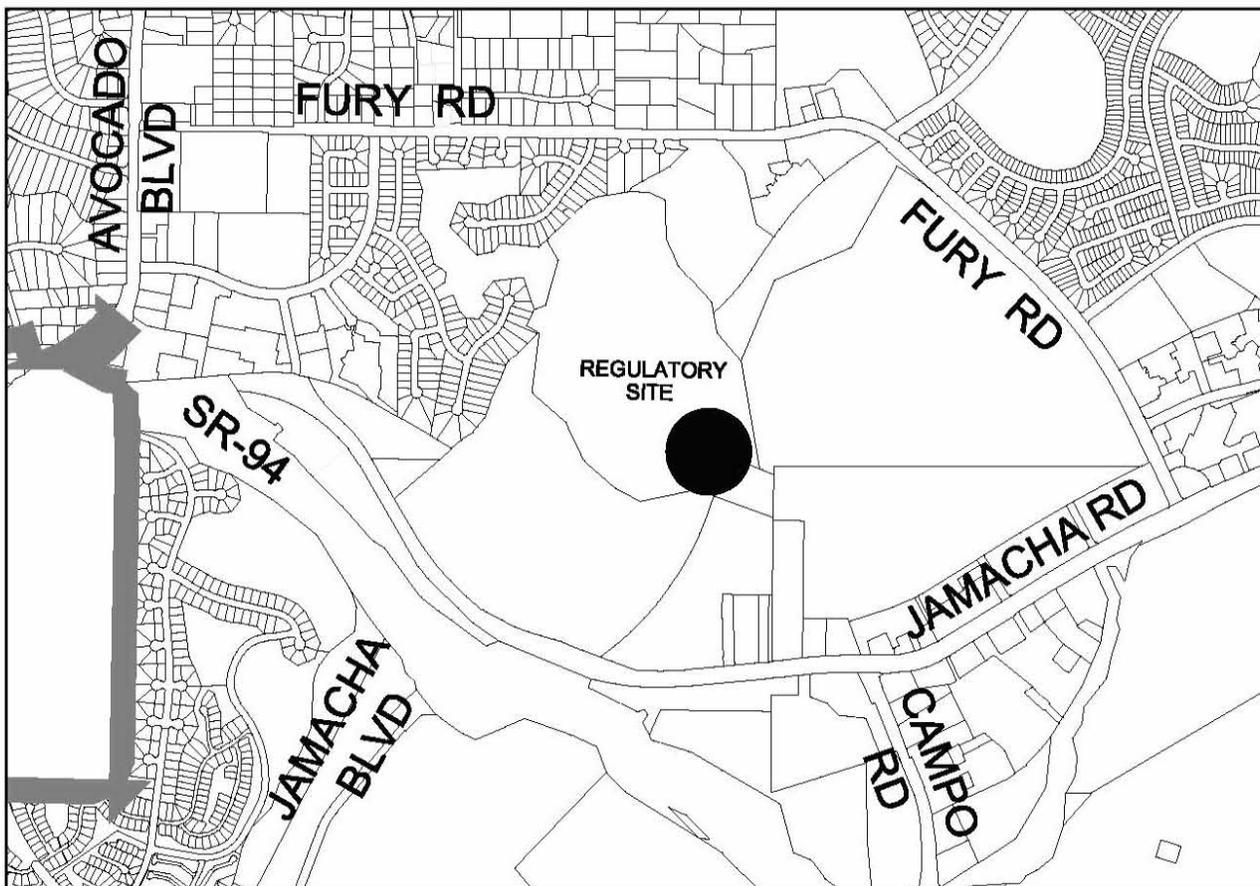
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
PLANNING:	07/07	09/07
DESIGN:	10/07	01/08
CONSTRUCTION:	02/08	12/08

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

FY	FY	FY	FY	FY	FY	
2009	2010	2011	2012	2013	2014	TOTAL

**PROJECT LOCATION:** Thomas Bros. Map: 1271

**OWD Map Book: 343**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2466**

**PROJECT TITLE: Regional Training Facility**

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	5
<b>PROJECT MANAGER:</b>	Coburn-Boyd	<b>I.D. LOCATION:</b>	20
<b>ORIGINAL APPROVED DATE:</b>	5/29/2007	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$220,000

**DESCRIPTION OF PROJECT:**

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

**JUSTIFICATION OF PROJECT:**

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

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	100%			100%
<b>TOTAL:</b>	100%			100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$70	\$150						\$220

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2466**

**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
PLANNING:	08/06	06/07
DESIGN:	07/07	01/08
CONSTRUCTION:	02/08	01/09

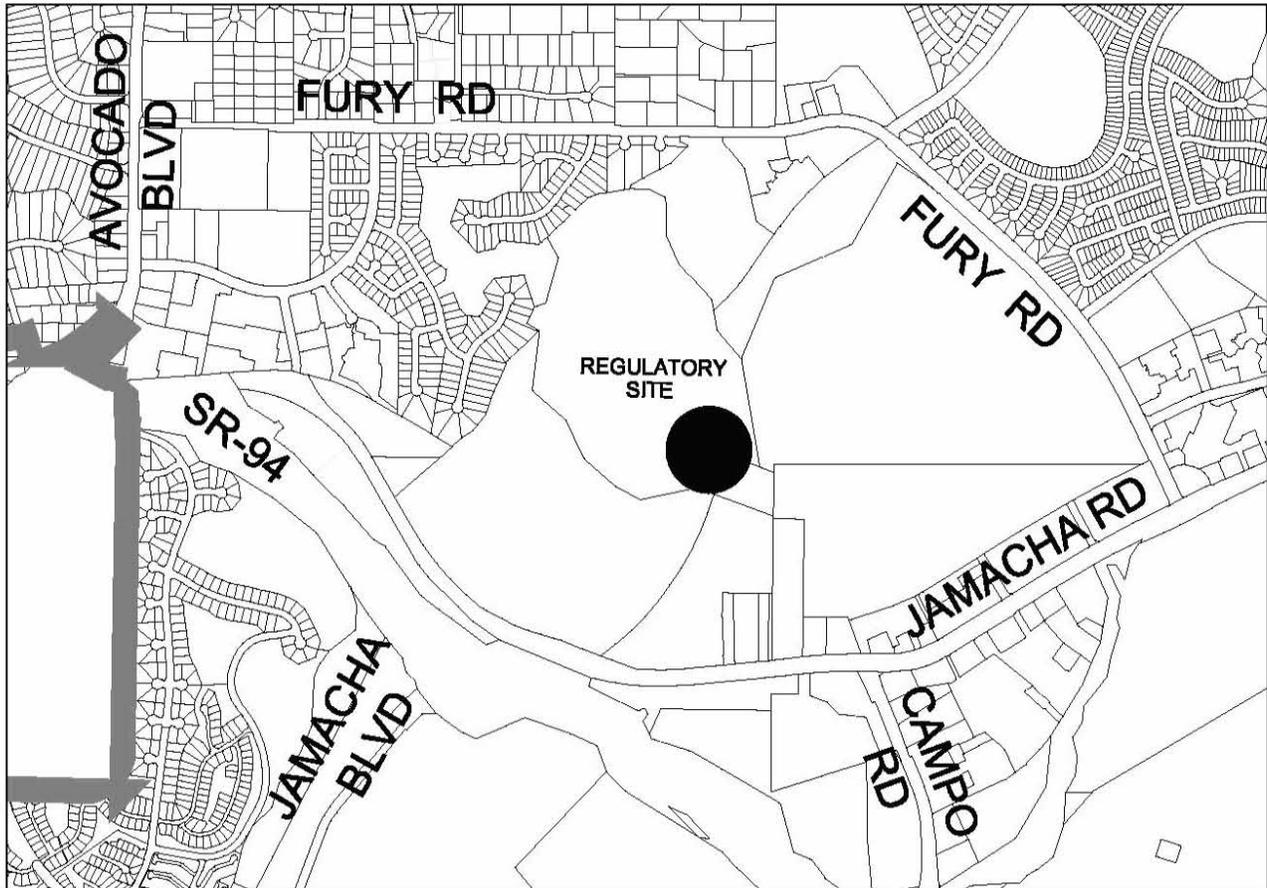
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

<b>FY</b>	<b>TOTAL</b>						
2009	2010	2011	2012	2013	2014		

**PROJECT LOCATION:**

**Thomas Bros. Map: 1271**

**OWD Map Book: 343**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2467**

**PROJECT TITLE:** San Diego Formation Groundwater Feasibility Study

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	
<b>PROJECT MANAGER:</b>	Peasley	<b>I.D. LOCATION:</b>	
<b>ORIGINAL APPROVED DATE:</b>	5/29/2007	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$1,600,000

**DESCRIPTION OF PROJECT:**

This project is a research and data gathering effort to enhance the ongoing USGS study of the concept to potentially develop a groundwater supply from the San Diego Formation. The project is planned to be jointly funded by Sweetwater Authority and Otay WD. A proposal for the San Diego County Water Authority LISA grant program was developed to fund up to 50% of the cost of the effort.

**JUSTIFICATION OF PROJECT:**

The potential of an agreement for the development of a potable water production well within the San Diego Formation could provide the possibility of an independent local water supply resource for the Otay WD and others.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	100%			100%
<b>TOTAL:</b>	100%			100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$400	\$400	\$800					\$1,600

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2467**

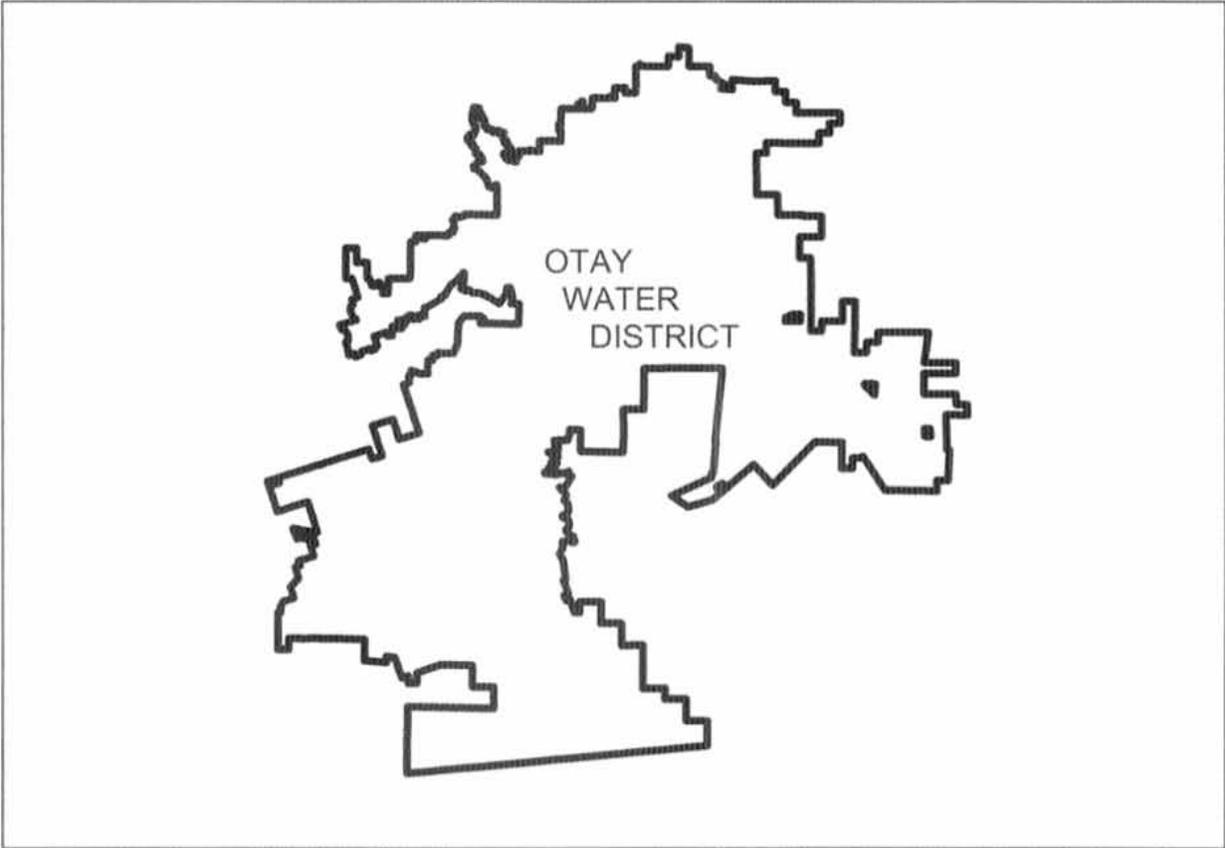
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/07	06/10
<b>DESIGN:</b>		
<b>CONSTRUCTION:</b>		

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>

**PROJECT LOCATION:**      **Thomas Bros. Map:** District Wide      **OWD Map Book:** District Wide



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2471**

**PROJECT TITLE: 850/657 PRS at La Presa Pump Station**

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	4
<b>PROJECT MANAGER:</b>	Ripperger	<b>I.D. LOCATION:</b>	20
<b>ORIGINAL APPROVED DATE:</b>		<b>PRIORITY:</b>	2
<b>RELATED CIP PROJECTS:</b>	P2357	<b>BUDGET AMOUNT:</b>	\$300,000

**DESCRIPTION OF PROJECT:**

Construct a 850 to 657 Pressure Zone pressure reducing station at the La Presa Pump Station. The project consists of installing pressure reducing valves and installation of SCADA monitoring systems.

**JUSTIFICATION OF PROJECT:**

The pressure reducing station will allow for necessary increased flow rates into the 657 Pressure Zone to meet supply requirements.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
I.D. 1		100%		100%
<b>TOTAL:</b>		100%		100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
	\$5	\$90	\$205				\$300

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2471**

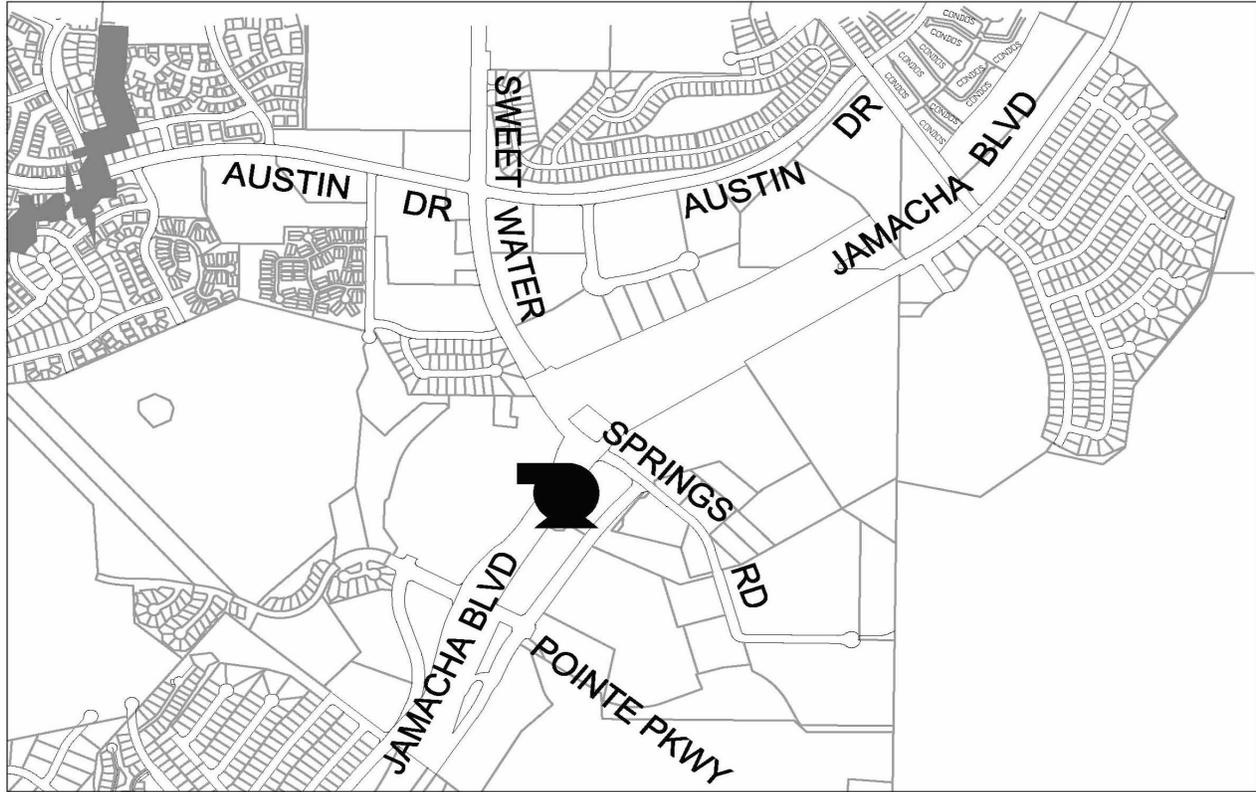
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/08	09/08
<b>DESIGN:</b>	10/08	09/10
<b>CONSTRUCTION:</b>	10/10	06/11

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

<b>FY</b>							
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2014</b>	<b>TOTAL</b>

**PROJECT LOCATION:**      **Thomas Bros. Map: 1291**      **OWD Map Book: 317**





**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2472**

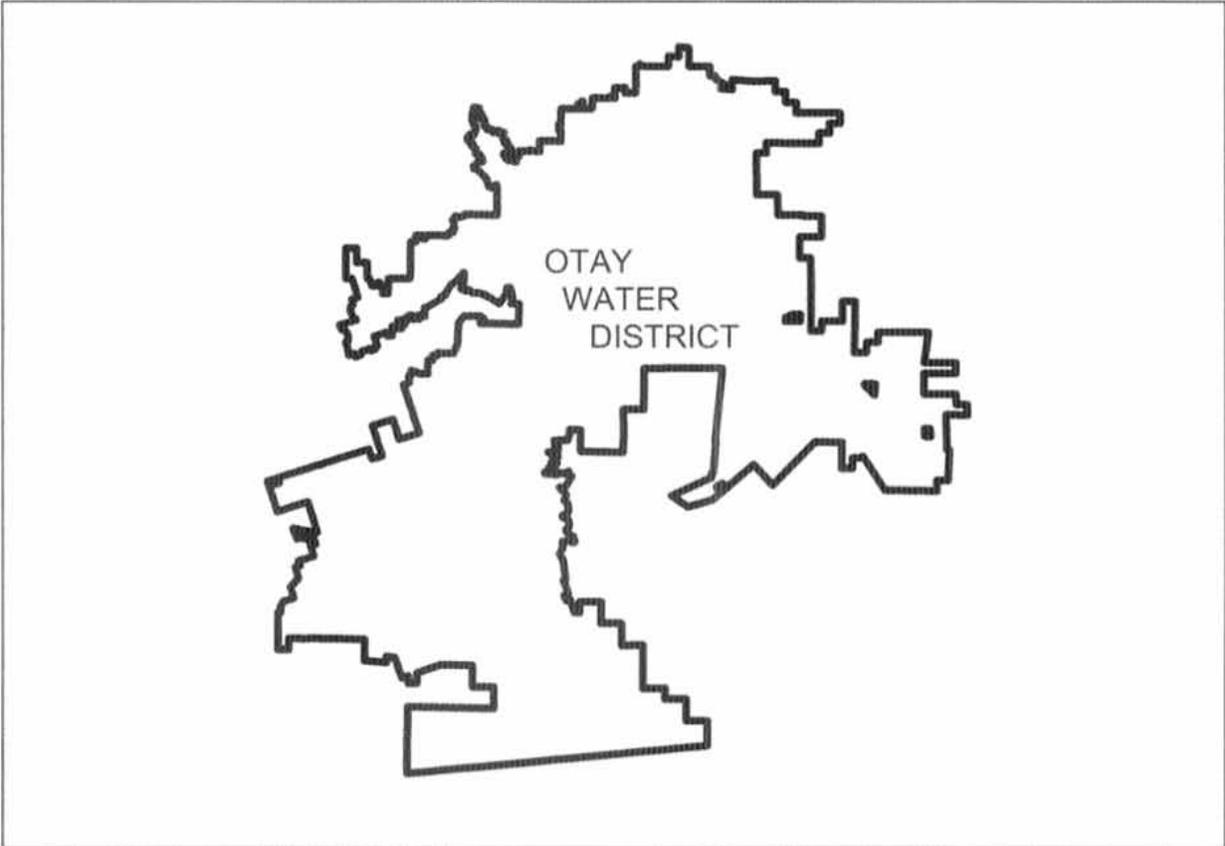
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/08	06/14
<b>DESIGN:</b>		
<b>CONSTRUCTION:</b>		

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>

**PROJECT LOCATION:**      **Thomas Bros. Map:** District Wide      **OWD Map Book:** District Wide



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2473**

**PROJECT TITLE: PS - 711-1 Pump Station Improvement**

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	1
<b>PROJECT MANAGER:</b>	Ripperger	<b>I.D. LOCATION:</b>	22
<b>ORIGINAL APPROVED DATE:</b>		<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$200,000

**DESCRIPTION OF PROJECT:**

Replace existing pumps and potentially the suction manifold at the 711-1 Pump Station to resolve vibration and cavitation issues.

**JUSTIFICATION OF PROJECT:**

This project is to redesign the existing suction system and installation of different pumps at the pump station to resolve vibration and cavitation issues. The existing pumps have a useful life of about two years or less and where they should last seven to ten years.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund			100%	100%
<b>TOTAL:</b>			100%	100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
	\$50	\$150					\$200

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2473**

**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
PLANNING:	07/08	09/08
DESIGN:	10/08	06/09
CONSTRUCTION:	07/09	06/10

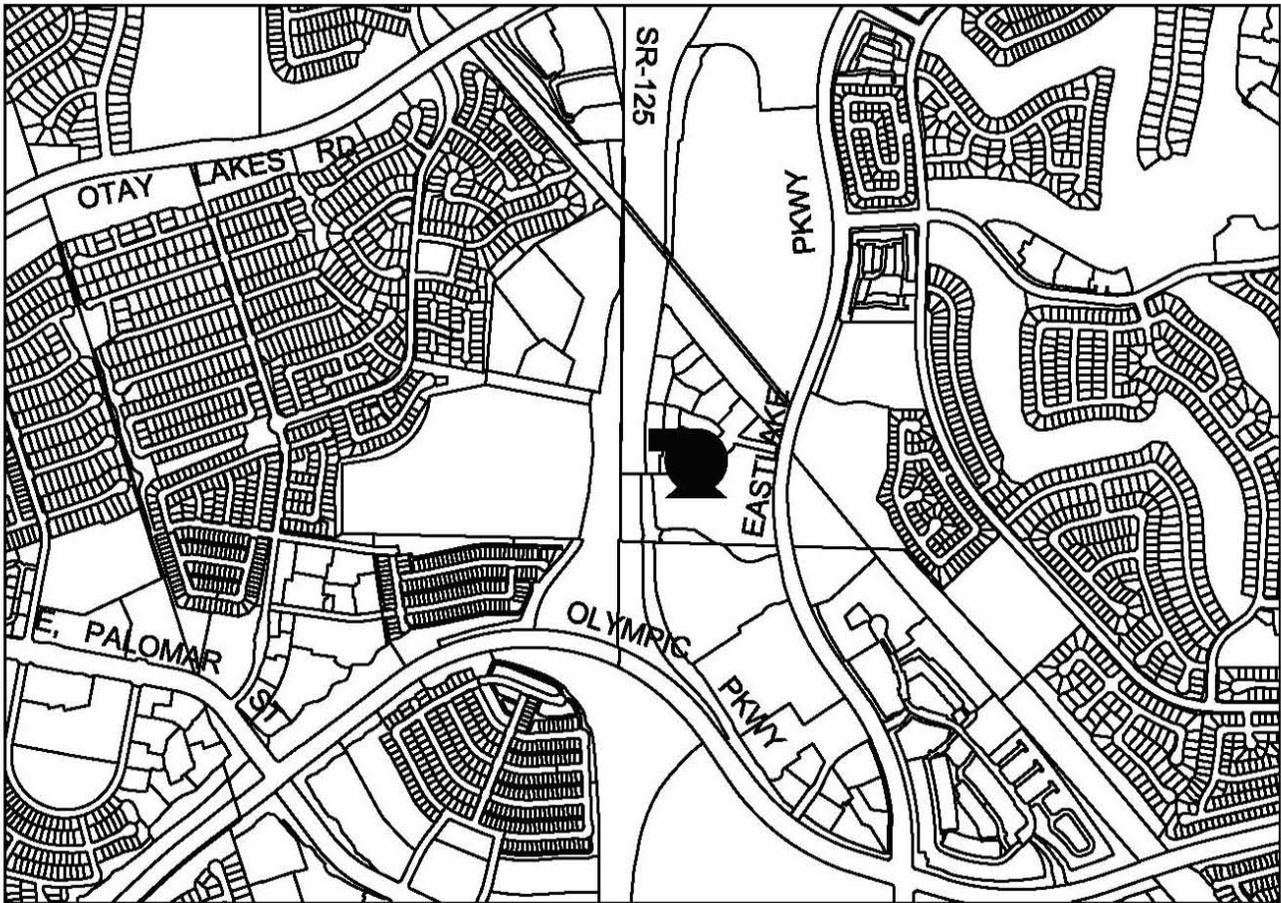
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

FY	FY	FY	FY	FY	FY	
2009	2010	2011	2012	2013	2014	TOTAL

**PROJECT LOCATION:**

Thomas Bros. Map: 1311

OWD Map Book: 114



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2474**

**PROJECT TITLE: Fuel Storage Covers and Containment**

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	
<b>PROJECT MANAGER:</b>	Ripperger	<b>I.D. LOCATION:</b>	
<b>ORIGINAL APPROVED DATE:</b>		<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$100,000

**DESCRIPTION OF PROJECT:**

Construction of eight permanent covers for remote pump station diesel fuel storage tanks and one fuel containment system at the 870-1 Pump Station.

**JUSTIFICATION OF PROJECT:**

The existing diesel fuel tanks are exposed to direct sunlight and the elements causing extreme temperature fluctuations which promotes fuel contamination problems from condensation and algae growth. The 870-1 Pump Station requires a fuel spill containment system.

**COMMENTS:**

The fuel storage tanks supply a fuel source to the emergency engine/generator sets and direct engine driven pumping units.

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	100%			100%
<b>TOTAL:</b>	100%			100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
	\$100						\$100

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2474**

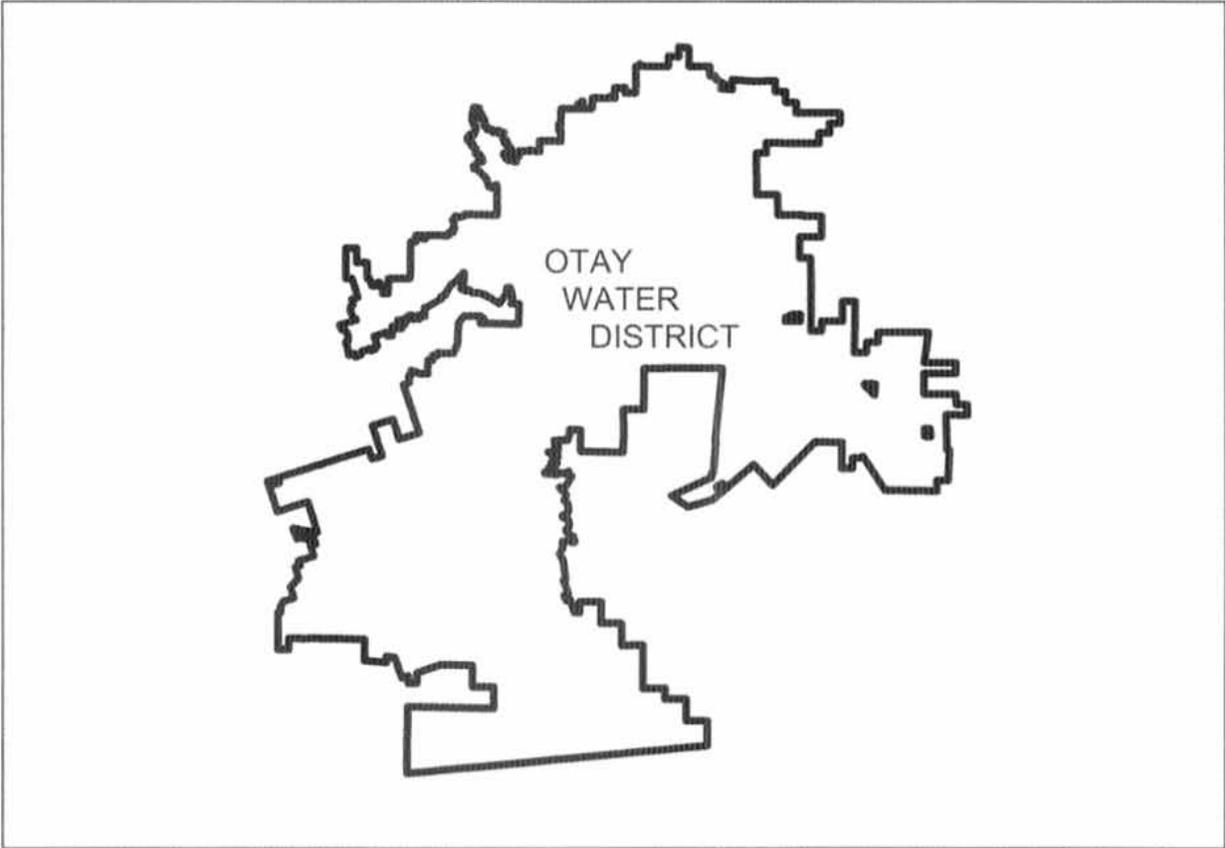
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/08	09/08
<b>DESIGN:</b>	10/08	12/08
<b>CONSTRUCTION:</b>	01/09	06/09

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>

**PROJECT LOCATION:**      **Thomas Bros. Map:** District Wide      **OWD Map Book:** District Wide



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2475**

**PROJECT TITLE:** Pump Station Fire Safety Improvements

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	
<b>PROJECT MANAGER:</b>	Ripperger	<b>I.D. LOCATION:</b>	
<b>ORIGINAL APPROVED DATE:</b>		<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$50,000

**DESCRIPTION OF PROJECT:**

This project is to provide funding for the installation of fire hydrants near pump stations where required and installation of fine mesh screens for wind blown debris control.

**JUSTIFICATION OF PROJECT:**

The project is required to lower the risk of wild fire related hazards.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund			100%	100%
<b>TOTAL:</b>			100%	100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
	\$50						\$50

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2475**

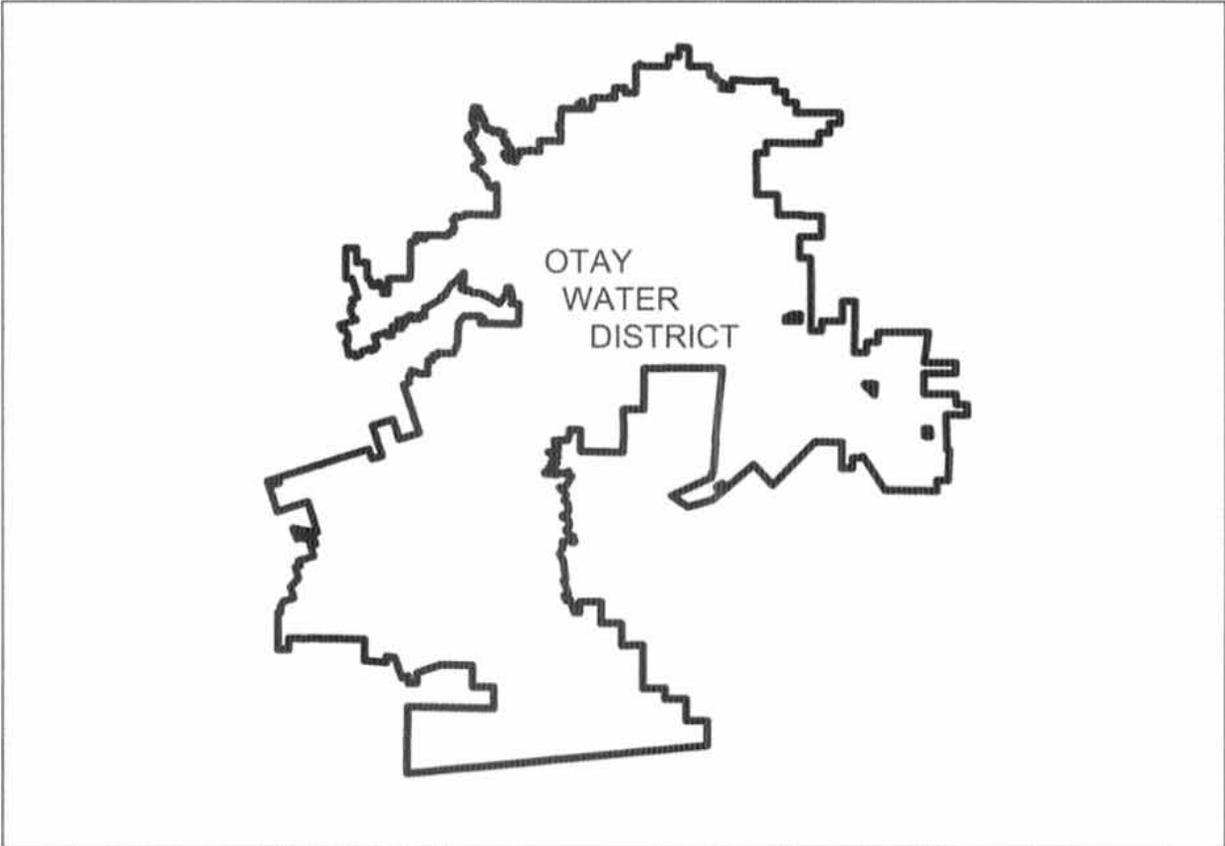
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>		
<b>DESIGN:</b>		
<b>CONSTRUCTION:</b>	07/08	06/09

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>

**PROJECT LOCATION:**      **Thomas Bros. Map:** District Wide      **OWD Map Book:** District Wide



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2476**

**PROJECT TITLE:** Dis - 1090-1 Pump Station Disinfection System Upgrade

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	5
<b>PROJECT MANAGER:</b>	Ripperger	<b>I.D. LOCATION:</b>	2
<b>ORIGINAL APPROVED DATE:</b>		<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$100,000

**DESCRIPTION OF PROJECT:**

Construction to upgrade the existing disinfection facility for the 1090-1 Pump Station. This will include new chemical feed equipment, a chlorine analyzer, and automatic controls for SCADA communication.

**JUSTIFICATION OF PROJECT:**

The 1090-1 Pump Station existing disinfection facility requires upgraded systems for improved assurance of water quality in the 1090-1 Reservoir.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
I.D. 2		100%		100%
<b>TOTAL:</b>		100%		100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
	\$100						\$100

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2476**

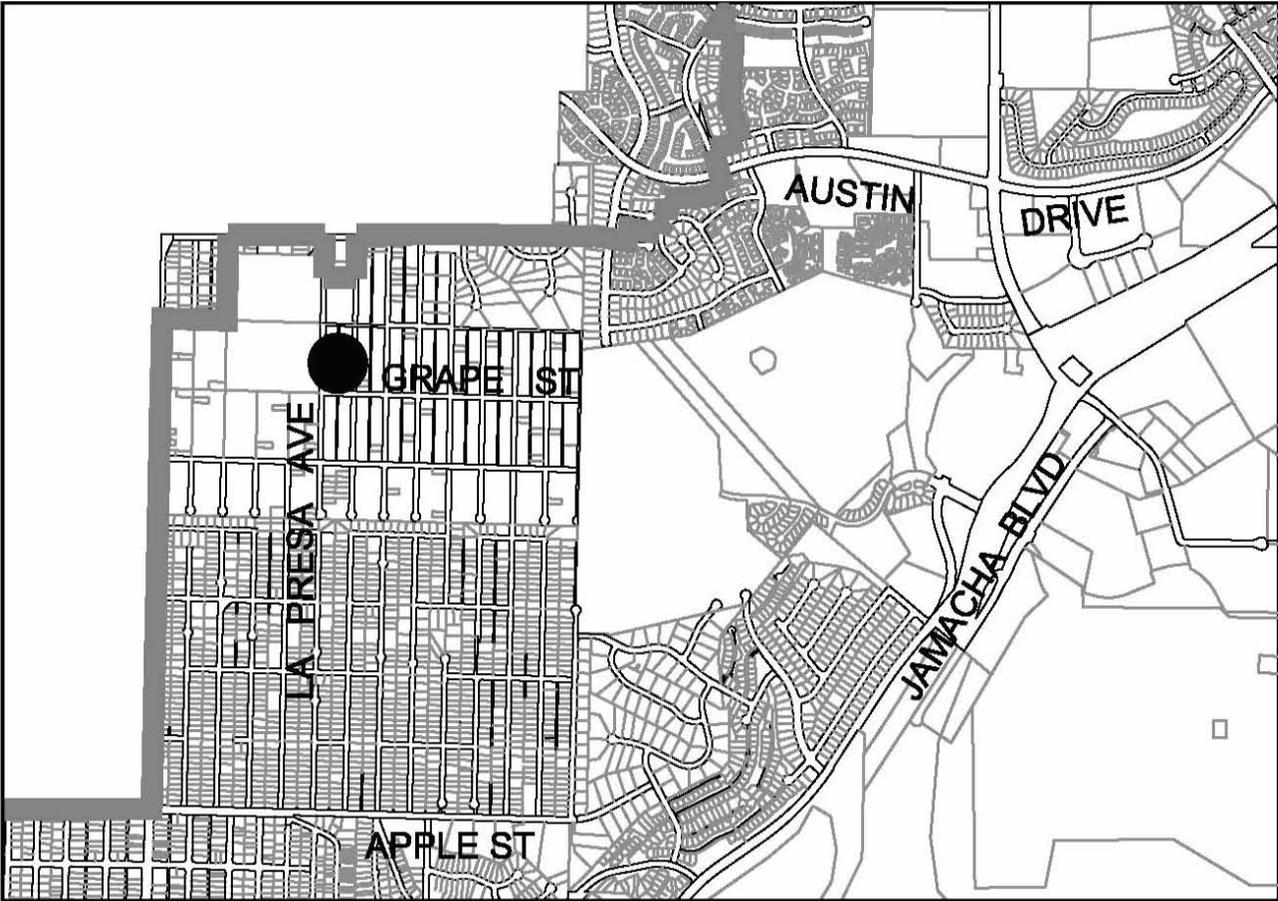
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
PLANNING:	07/08	09/08
DESIGN:	10/08	12/08
CONSTRUCTION:	01/09	06/09

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

FY	FY	FY	FY	FY	FY	
2009	2010	2011	2012	2013	2014	TOTAL

**PROJECT LOCATION:**      **Thomas Bros. Map: 1292**      **OWD Map Book: 320**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2477**

**PROJECT TITLE:** Res - 624-1 Reservoir Cover Replacement

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	1
<b>PROJECT MANAGER:</b>	Ripperger	<b>I.D. LOCATION:</b>	22
<b>ORIGINAL APPROVED DATE:</b>		<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$450,000

**DESCRIPTION OF PROJECT:**

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

**JUSTIFICATION OF PROJECT:**

The existing floating membrane cover has reached the end of its useful life and requires replacement to meet regulatory requirements.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund			100%	100%
<b>TOTAL:</b>			100%	100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
	\$250	\$200					\$450

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2477**

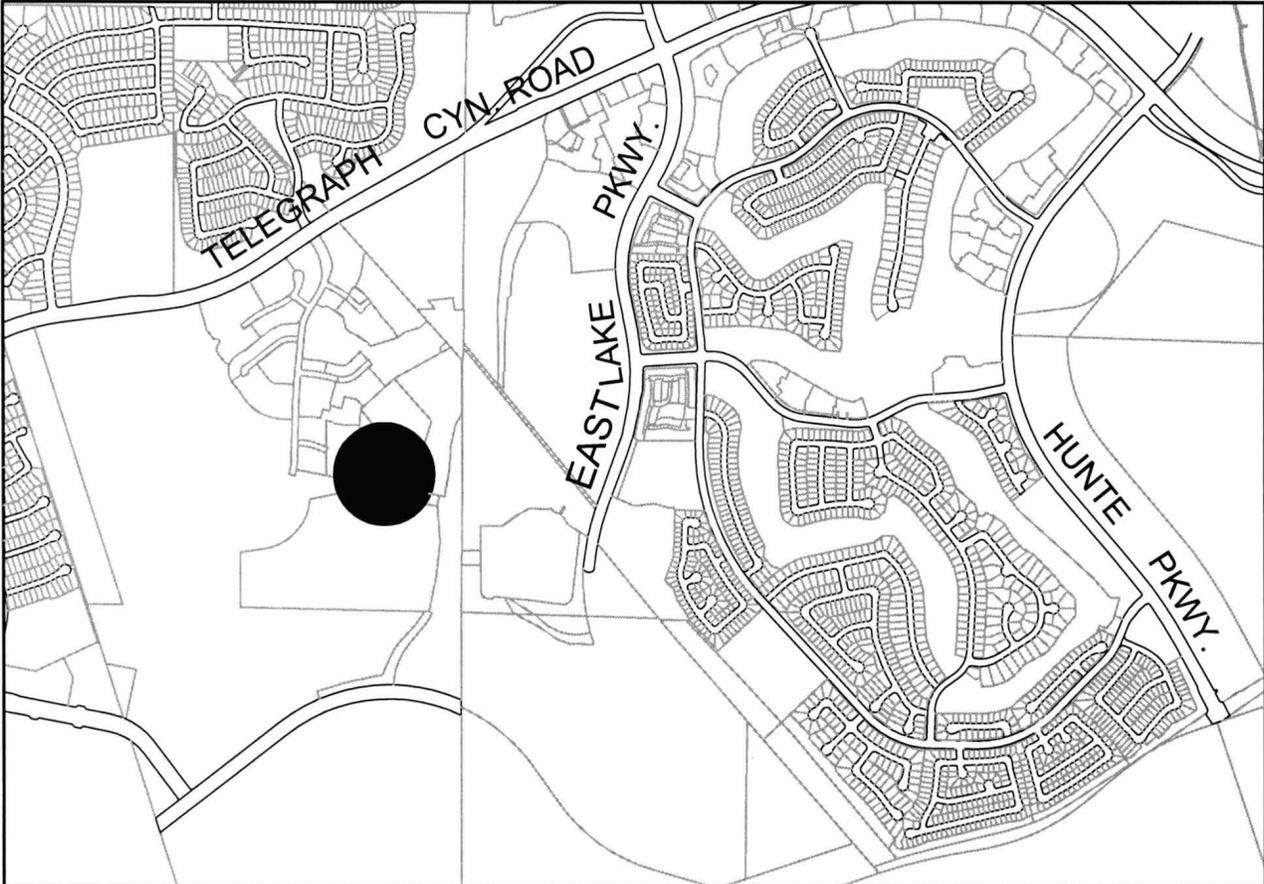
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
PLANNING:	07/08	09/08
DESIGN:	10/08	06/09
CONSTRUCTION:	07/09	06/10

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

FY	FY	FY	FY	FY	FY	
2009	2010	2011	2012	2013	2014	TOTAL

**PROJECT LOCATION:**      **Thomas Bros. Map: 1311**      **OWD Map Book: 114**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2034**

**PROJECT TITLE: RecRes - 860-1 Reservoir 4 MG**

<b>WORK ORDER NO:</b>	<b>DIRECTOR DIVISION:</b> 2
<b>PROJECT MANAGER:</b> Ripperger	<b>I.D. LOCATION:</b> 7
<b>ORIGINAL APPROVED DATE:</b> 5/23/2006	<b>PRIORITY:</b> 2
<b>RELATED CIP PROJECTS:</b> R2088	<b>BUDGET AMOUNT:</b> \$3,800,000

**DESCRIPTION OF PROJECT:**

Construction of a 4 million gallon reservoir to create the 860 Pressure Zone for the recycled water system within Otay Mesa.

**JUSTIFICATION OF PROJECT:**

This project will receive water from the 944 Pressure Zone within the Central Area System to supply demands in the Otay Mesa System recycled water system. The facility is intended balance the 24-hour supply rate with a peaking rate generated by the Otay Mesa demand.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	100%			100%
<b>TOTAL:</b>	100%			100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$2	\$104	\$394	\$1,800	\$1,500			\$3,800

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2034**

**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
PLANNING:	09/06	09/07
DESIGN:	10/07	06/10
CONSTRUCTION:	07/10	06/12

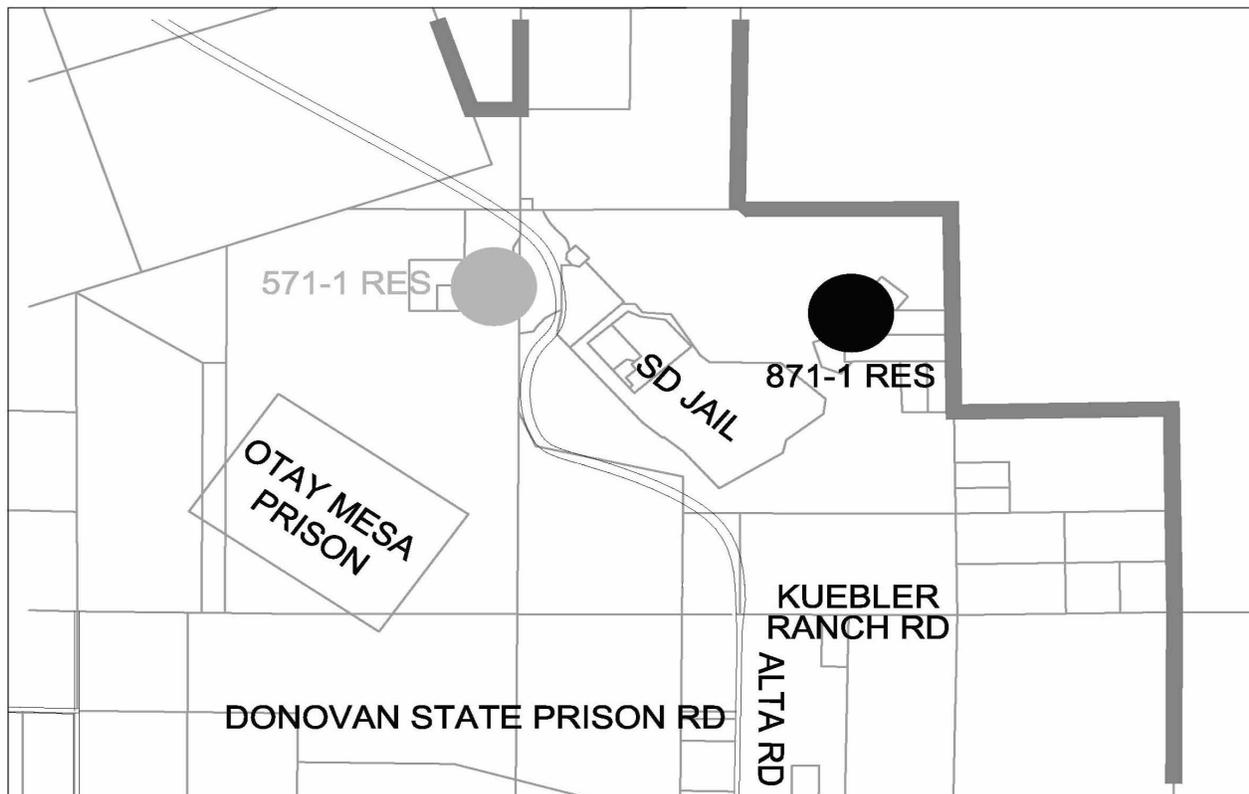
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>TOTAL</b>
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	
				\$7,500	\$7,700	\$15,200

**PROJECT LOCATION:**

**Thomas Bros. Map: 1332**

**OWD Map Book: 55**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2048**

**PROJECT TITLE: RecPL - Otay Mesa Distribution Pipelines and Conversions**

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	2
<b>PROJECT MANAGER:</b>	Ripperger	<b>I.D. LOCATION:</b>	7
<b>ORIGINAL APPROVED DATE:</b>		<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>	R2058, R2077, R2088	<b>BUDGET AMOUNT:</b>	\$2,000,000

**DESCRIPTION OF PROJECT:**

Construction of various distribution pipeline links and conversion of existing pipelines for recycled water use within the 860 Pressure Zone of the Otay Mesa System.

**JUSTIFICATION OF PROJECT:**

This project will connect the existing distribution recycled water pipelines, currently supplied with potable water, to the planned construction of pipeline links to supply all those existing water demands within the Otay Mesa System with recycled water.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	100%			100%
<b>TOTAL:</b>	100%			100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
	\$10	\$1,200	\$650	\$140			\$2,000

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2048**

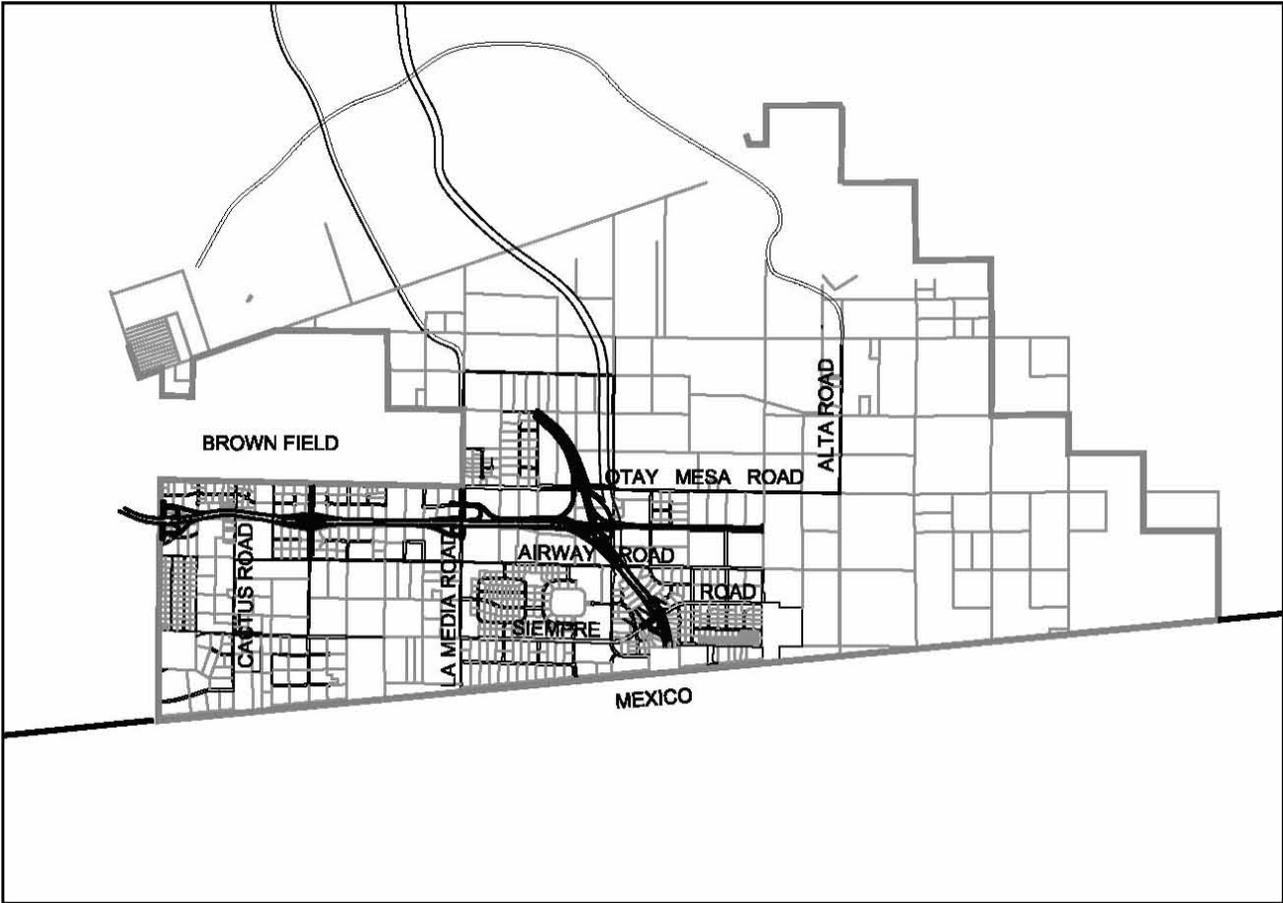
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
PLANNING:	07/08	12/08
DESIGN:	01/08	06/09
CONSTRUCTION:	07/09	07/12

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
				\$10,200	\$10,500	\$20,700

**PROJECT LOCATION:**      **Thomas Bros. Map:** District Wide      **OWD Map Book:** District Wide



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2053**

**PROJECT TITLE: RWCWRF - R.O. Building Remodel and Office Furniture**

<b>WORK ORDER NO:</b>	Various	<b>DIRECTOR DIVISION:</b>	3
<b>PROJECT MANAGER:</b>	Ripperger	<b>I.D. LOCATION:</b>	20
<b>ORIGINAL APPROVED DATE:</b>	7/16/1997	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$495,000

**DESCRIPTION OF PROJECT:**

Installation of offices and training room and purchasing of furniture upon the existing reverse osmosis building site at the RWCWRF.

**JUSTIFICATION OF PROJECT:**

This project will eliminate the rental costs for trailers that currently contain the required offices space. The existing systems at the RWCWRF will be used in a more effective and cost efficient manner.

**COMMENTS:**

See Work Order Nos. 8690 and 8760.

**FUND DETAIL:**

FUNDING SOURCE:	Expansion	Betterment	Replacement	Total
I.D. 22		100%		100%
<b>TOTAL:</b>		100%		100%

**EXPENDITURE SCHEDULE (X \$1000):**

PRIOR YEARS:	FY	FY	FY	FY	FY	FY	
TOTAL	2009	2010	2011	2012	2013	2014	TOTAL
\$445	\$50						\$495

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2053**

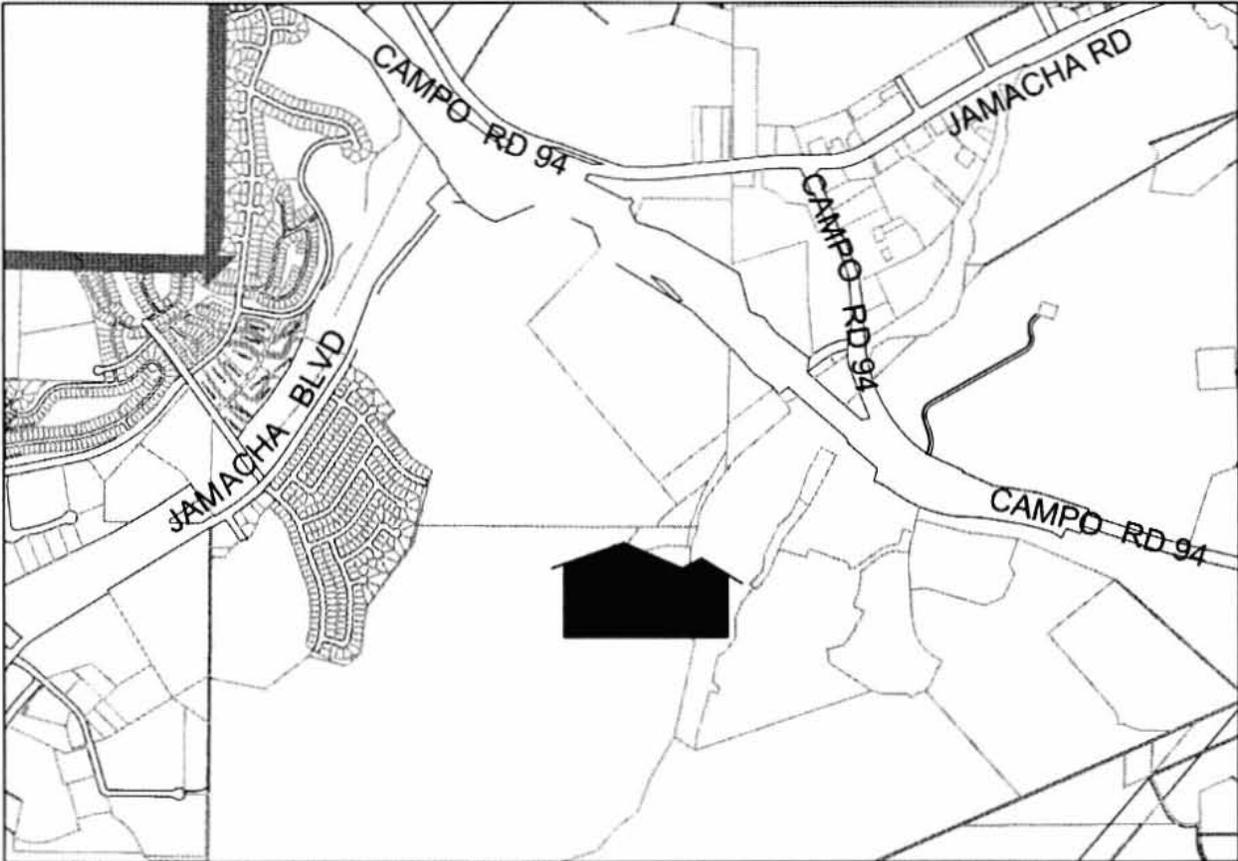
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/97	01/06
<b>DESIGN:</b>	02/06	07/07
<b>CONSTRUCTION:</b>	08/07	07/08

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>TOTAL</b>
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	

**PROJECT LOCATION:**      **Thomas Bros. Map: 1271**      **OWD Map Book: 319**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2058**

**PROJECT TITLE:** RecPL - 16-Inch, 860 Zone, Airway Road - Otay Mesa/Alta

<b>WORK ORDER NO:</b>	<b>DIRECTOR DIVISION:</b> 2
<b>PROJECT MANAGER:</b> Ripperger	<b>I.D. LOCATION:</b> 7
<b>ORIGINAL APPROVED DATE:</b> 6/16/1999	<b>PRIORITY:</b> 1
<b>RELATED CIP PROJECTS:</b> R2073, R2077	<b>BUDGET AMOUNT:</b> \$3,000,000

**DESCRIPTION OF PROJECT:**

Construction of approximately 16,000 feet of 16-inch pipeline within the 860 Pressure Zone in Airway Road from Otay Mesa Road to Alta Road. Portions of this project will be constructed by developers and these are subject to reimbursement at actual cost per Board policy.

**JUSTIFICATION OF PROJECT:**

This project will provide transmission capacity for development of Otay Mesa within the 860 Pressure Zone.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	100%			100%
<b>TOTAL:</b>	100%			100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$320	\$100	\$300	\$750	\$1,000	\$530		\$3,000

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2058**

**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/01	12/08
<b>DESIGN:</b>	01/08	06/09
<b>CONSTRUCTION:</b>	07/09	07/12

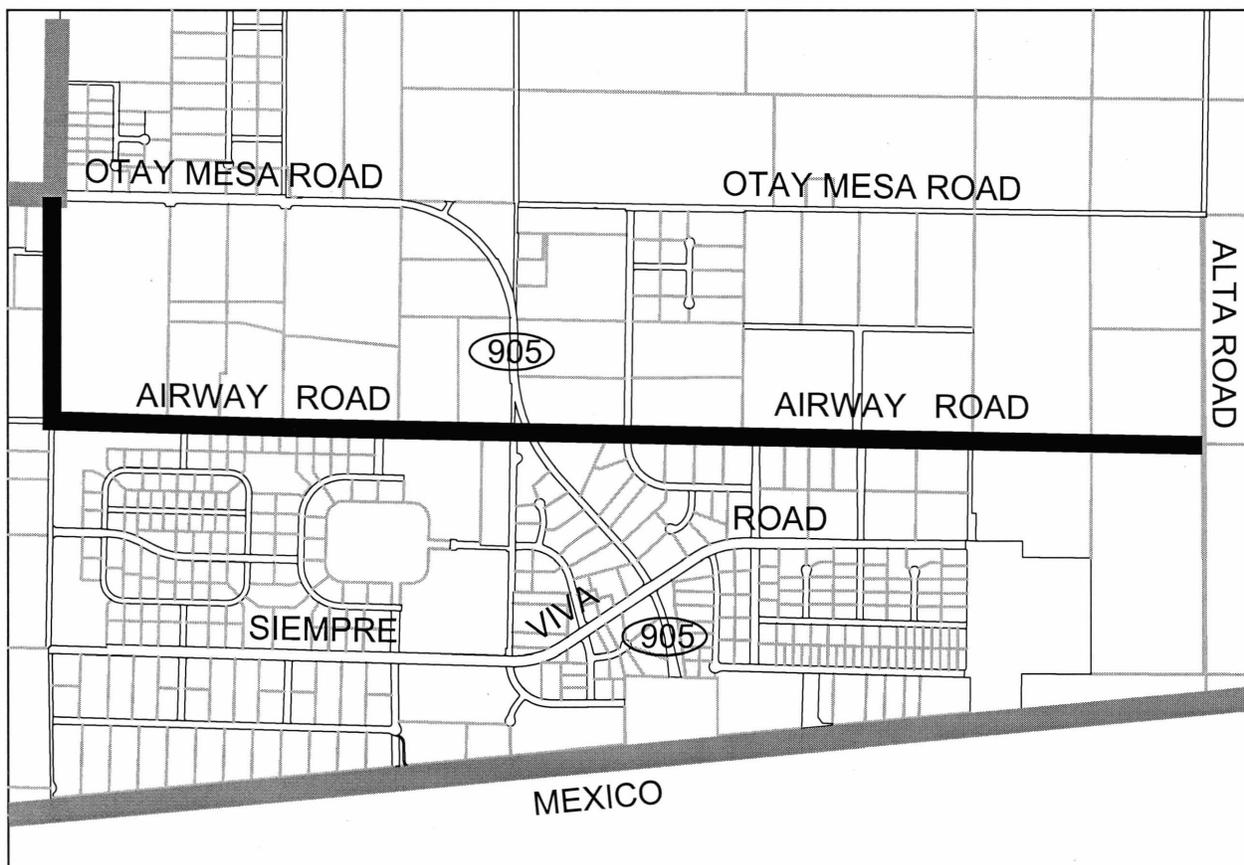
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>TOTAL</b>
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	
				\$5,400	\$5,600	\$11,000

**PROJECT LOCATION:**

**Thomas Bros. Map: 1351**

**OWD Map Book: 12**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2077**

**PROJECT TITLE:** RecPL - 24-Inch, 860 Zone, Alta Road - Alta Gate/Airway

<b>WORK ORDER NO:</b>	<b>DIRECTOR DIVISION:</b> 2
<b>PROJECT MANAGER:</b> Ripperger	<b>I.D. LOCATION:</b> 7
<b>ORIGINAL APPROVED DATE:</b> 5/23/2006	<b>PRIORITY:</b> 1
<b>RELATED CIP PROJECTS:</b> R2058	<b>BUDGET AMOUNT:</b> \$4,100,000

**DESCRIPTION OF PROJECT:**

Construction of a 24-inch pipeline within the 860 Pressure Zone in Alta Road from the Alta Gate location to Airway Road. This project will be constructed as part of the Otay Mesa recycled water system.

**JUSTIFICATION OF PROJECT:**

This project will provide transmission capacity for development of Otay Mesa and link the planned 860-1 Reservoir with the recycled water transmission system in Otay Mesa.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	100%			100%
<b>TOTAL:</b>	100%			100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$23	\$200	\$1,000	\$377	\$1,000	\$1,500		\$4,100

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2077**

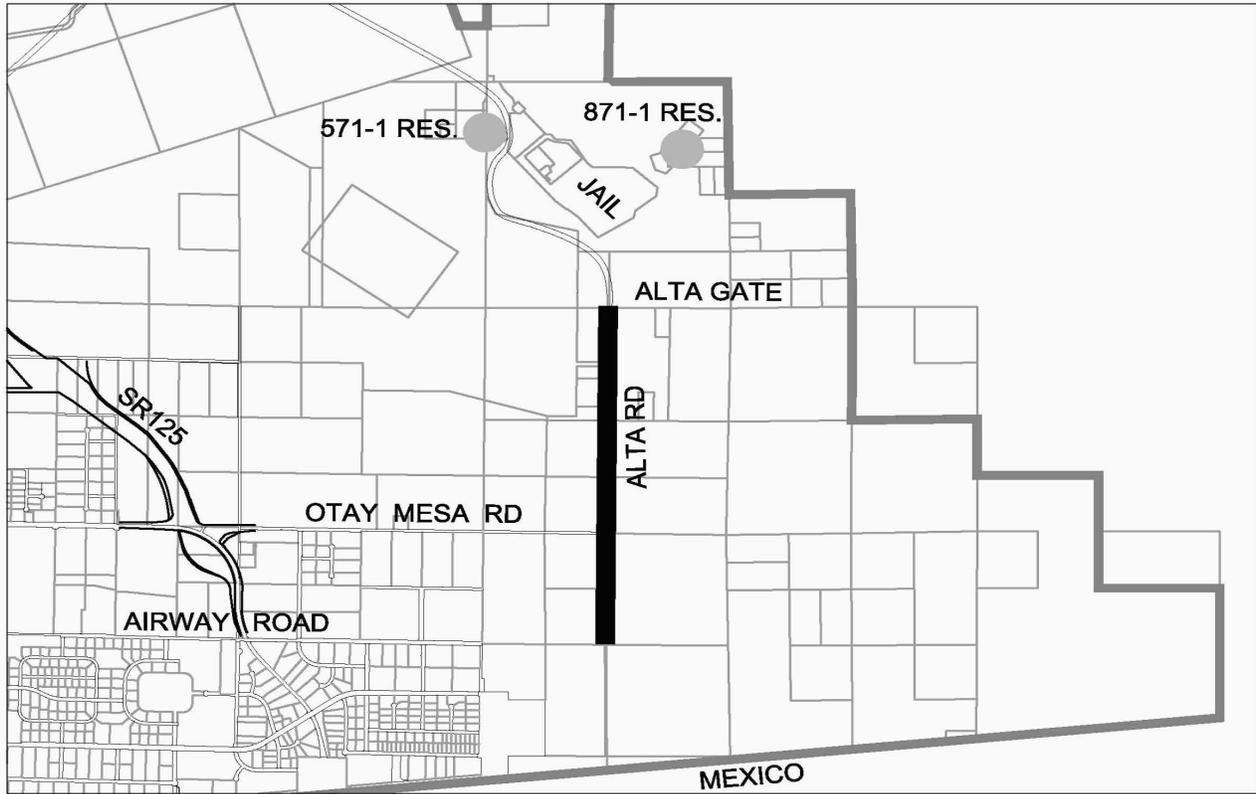
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	09/06	12/08
<b>DESIGN:</b>	01/08	06/09
<b>CONSTRUCTION:</b>	07/09	07/12

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

<b>FY</b>						
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
				\$2,700	\$2,800	\$5,500

**PROJECT LOCATION:**      **Thomas Bros. Map: 1332**      **OWD Map Book: 39**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2081**

**PROJECT TITLE:** RecPL - 20-Inch, 944 Zone, Lane Avenue - Proctor Valley/Pond No. 1

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	4
<b>PROJECT MANAGER:</b>	Kay	<b>I.D. LOCATION:</b>	22
<b>ORIGINAL APPROVED DATE:</b>	5/23/2006	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$1,090,000

**DESCRIPTION OF PROJECT:**

Construction of a 20-inch pipeline within the 944 Pressure Zone in Lane Avenue from Proctor Valley Road to Pond No. 1 within the Use Area.

**JUSTIFICATION OF PROJECT:**

This project will provide transmission capacity for development of Otay Ranch and other areas within the 944 Pressure Zone.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	100%			100%
<b>TOTAL:</b>	100%			100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$500	\$590						\$1,090

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2081**

**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/06	08/06
<b>DESIGN:</b>	09/06	12/07
<b>CONSTRUCTION:</b>	01/08	12/08

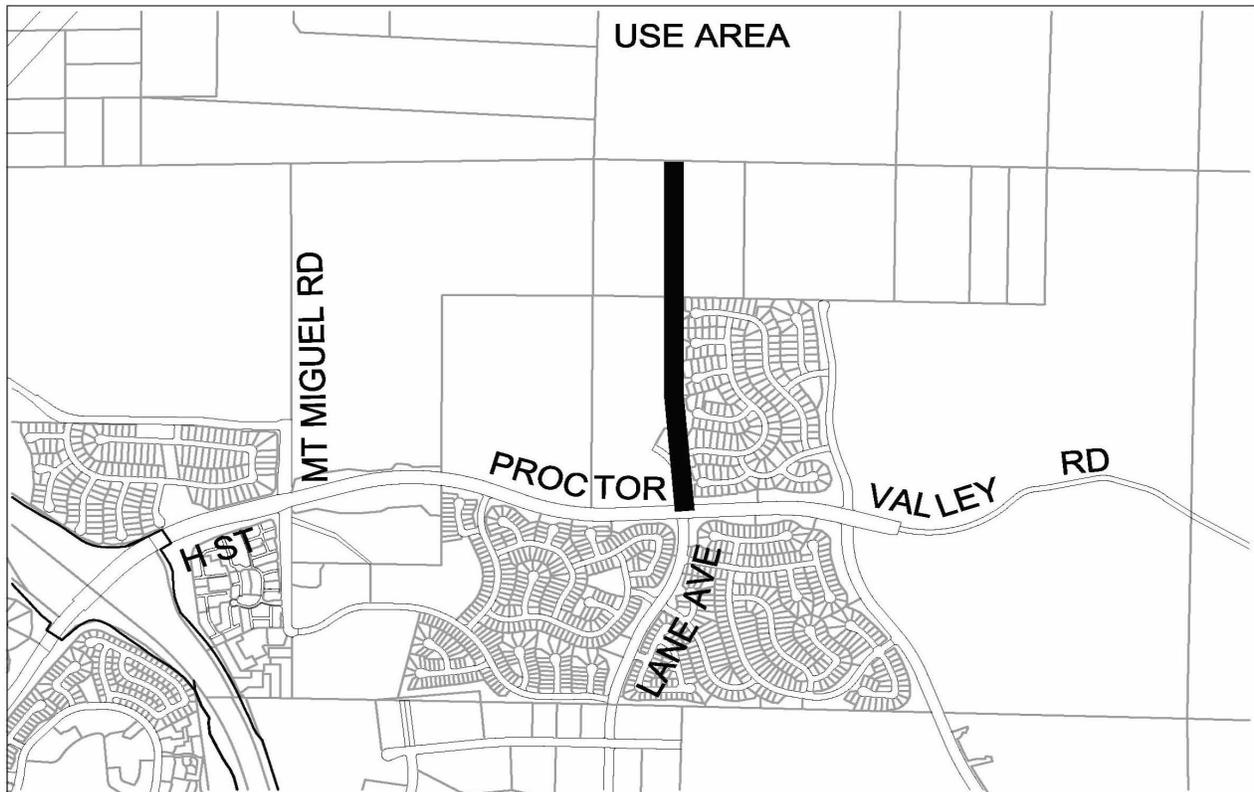
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>TOTAL</b>
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	
\$1,400	\$2,800	\$2,900	\$3,000	\$3,100	\$3,200	\$16,400

**PROJECT LOCATION:**

**Thomas Bros. Map: 1311**

**OWD Map Book: 159**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2087**

**PROJECT TITLE: RecPL - 20-Inch, 944 Zone, Wueste Road - Olympic/Otay WTP**

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	2
<b>PROJECT MANAGER:</b>	Ripperger	<b>I.D. LOCATION:</b>	22
<b>ORIGINAL APPROVED DATE:</b>	5/23/2006	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$2,000,000

**DESCRIPTION OF PROJECT:**

Construction of a 20-inch pipeline within the 944 Pressure Zone in Wueste Road from Olympic Parkway to near the existing City of San Diego Otay WTP. This project will be constructed as part of the Otay Mesa recycled water system supply link.

**JUSTIFICATION OF PROJECT:**

This project will provide transmission capacity for development of Otay Mesa and is a part of the link to the 944 Pressure Zone supply to the planned 860-1 Reservoir within the Otay Mesa recycled water system.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	100%			100%
<b>TOTAL:</b>	100%			100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$50	\$100	\$1,200	\$600	\$50			\$2,000

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2087**

**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
PLANNING:	09/06	09/07
DESIGN:	10/07	06/10
CONSTRUCTION:	07/10	09/11

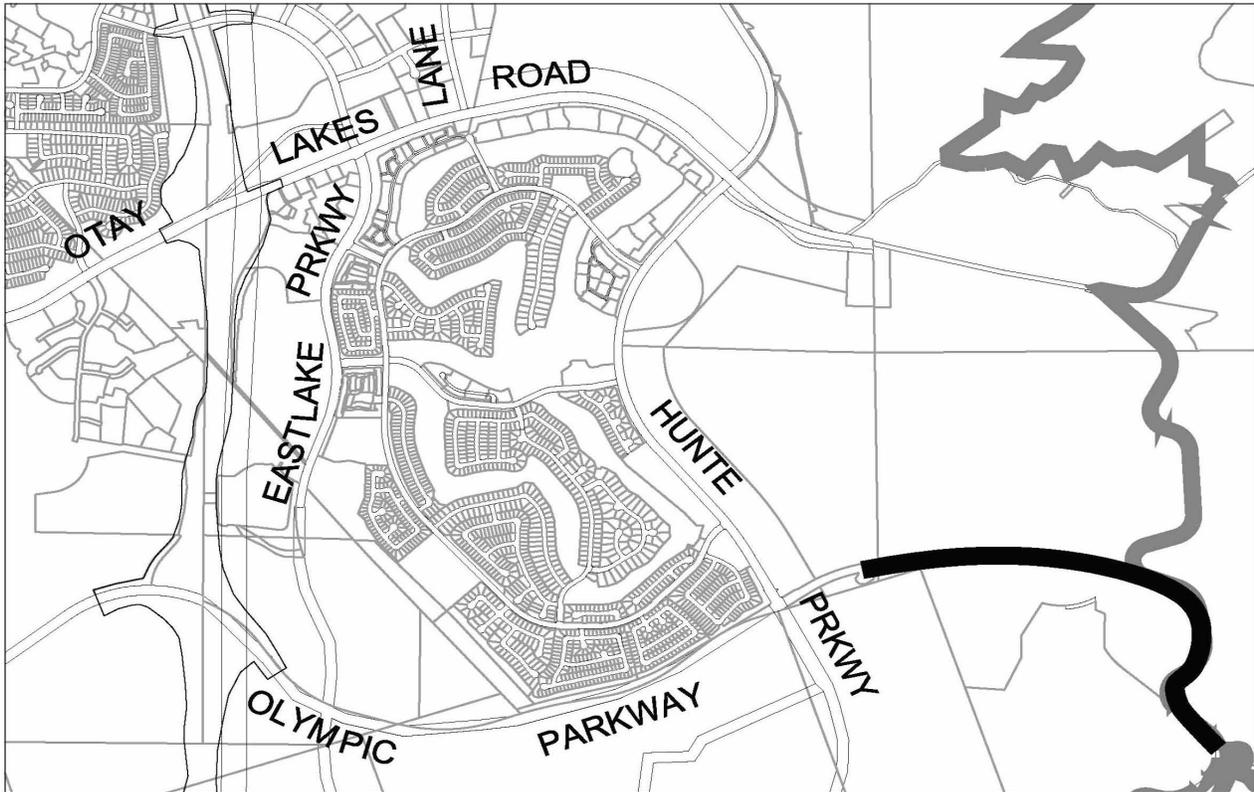
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>    |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2009</b> | <b>2010</b> | <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>TOTAL</b> |
|             |             |             | \$1,100     | \$1,500     | \$1,500     | \$4,100      |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1312**

**OWD Map Book: 85**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2088**

**PROJECT TITLE:** RecPL - 20-Inch, 860 Zone, County Jail - Roll Reservoir/860-1 Reservoir

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	2
<b>PROJECT MANAGER:</b>	Ripperger	<b>I.D. LOCATION:</b>	7
<b>ORIGINAL APPROVED DATE:</b>	5/23/2006	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>	R2034	<b>BUDGET AMOUNT:</b>	\$1,500,000

**DESCRIPTION OF PROJECT:**

Construction of a 20-inch pipeline within the 860 Pressure Zone from the 571-1 Reservoir site to the planned 860-1 Reservoir. This project will be constructed as part of the Otay Mesa recycled water system supply link.

**JUSTIFICATION OF PROJECT:**

This project will provide transmission capacity for development of Otay Mesa and link the planned 944 Pressure Zone supply to the planned 860-1 Reservoir within the Otay Mesa recycled water system.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	100%			100%
<b>TOTAL:</b>	100%			100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$20	\$81	\$149	\$1,000	\$250			\$1,500

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2088**

**PROJECT SCHEDULE:**

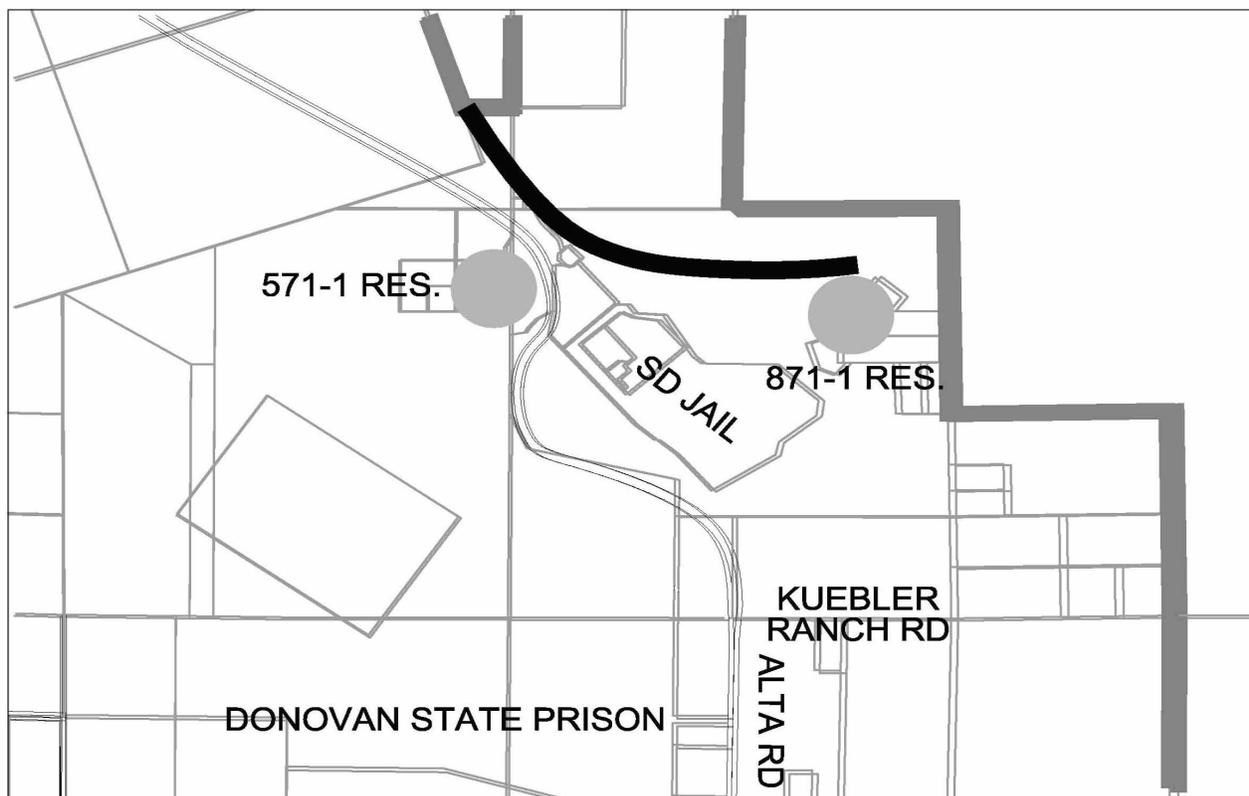
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	09/06	09/07
<b>DESIGN:</b>	10/07	06/10
<b>CONSTRUCTION:</b>	07/10	09/11

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>TOTAL</b>
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	
			\$1,800	\$2,500	\$2,600	\$6,900

**PROJECT LOCATION: Thomas Bros. Map: 1332**

**OWD Map Book: 55**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2089**

**PROJECT TITLE:** North District Recycled Water Regulatory Compliance

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	
<b>PROJECT MANAGER:</b>	Coburn-Boyd	<b>I.D. LOCATION:</b>	
<b>ORIGINAL APPROVED DATE:</b>	5/23/2006	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$200,000

**DESCRIPTION OF PROJECT:**

This project is to fund any RWQCB Basin Plan revisions, State Department of Health Services reporting requirements addressing health, safety, institutional, and water quality concerns and potential CEQA compliance requirements.

**JUSTIFICATION OF PROJECT:**

Regulatory and institutional requirements for recycled water use within the Jamacha Basin must be addressed to further the vision for eventual development of recycled water infrastructure within the North District.

**COMMENTS:**

The necessary infrastructure of storage, transmission mains, and distribution pipelines for recycled water will be budgeted under another CIP project once the regulatory and institutional issues resolve into a successful outcome.

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	100%			100%
<b>TOTAL:</b>	100%			100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$90	\$110						\$200

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2089**

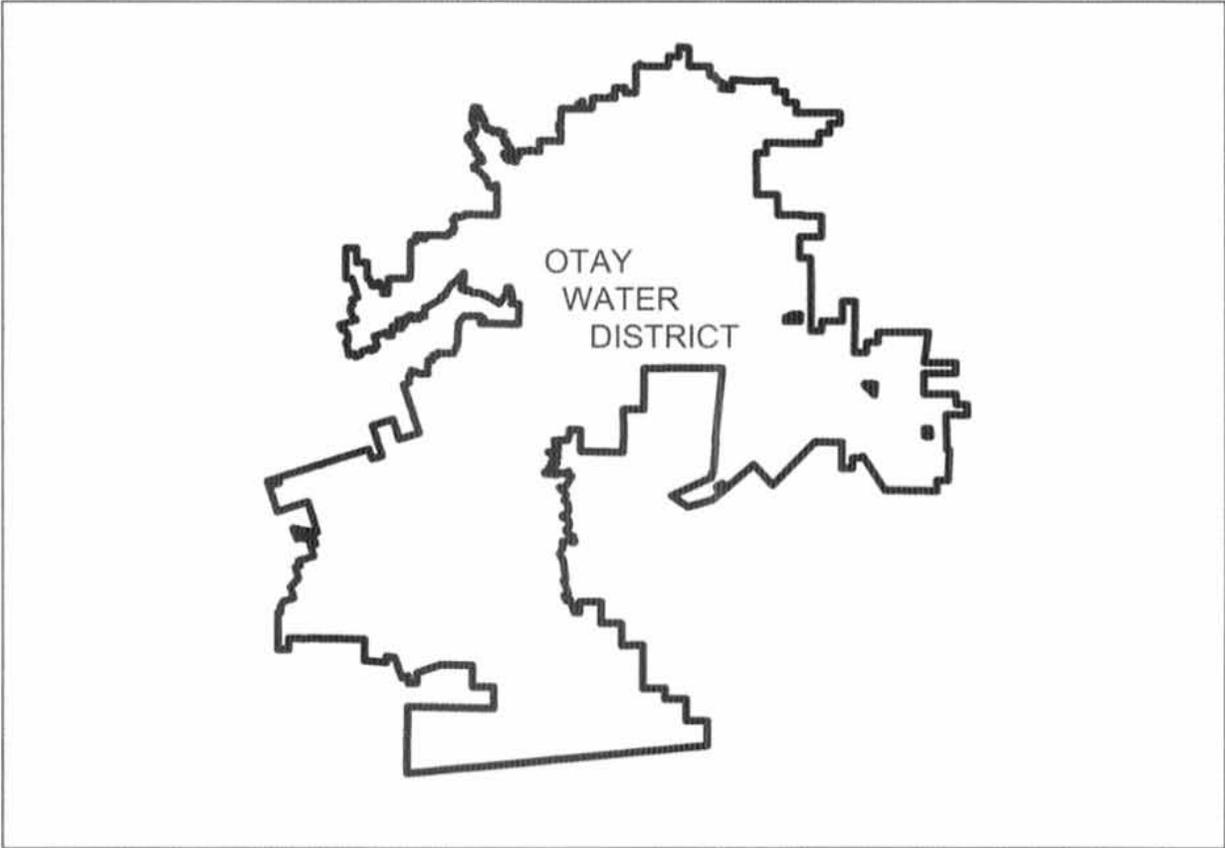
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	05/07	12/08
<b>DESIGN:</b>		
<b>CONSTRUCTION:</b>		

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>

**PROJECT LOCATION:**      **Thomas Bros. Map:** District Wide      **OWD Map Book:** District Wide



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2091**

**PROJECT TITLE:** RecPS - 944-1 Pump Station Upgrade

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	1
<b>PROJECT MANAGER:</b>	Ripperger	<b>I.D. LOCATION:</b>	22
<b>ORIGINAL APPROVED DATE:</b>	5/29/2007	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>	R2003	<b>BUDGET AMOUNT:</b>	\$325,000

**DESCRIPTION OF PROJECT:**

This project consists of adding a new pump and modifying two existing pumps to operate within the system at higher efficiencies.

**JUSTIFICATION OF PROJECT:**

The overall operating conditions of the pump station have been modified as a result of the planned service to the Otay Mesa System recycled water system from the Central Area System and the conversion of a existing potable water pipeline within the Use Area for recycled water service.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	50%	50%		100%
<b>TOTAL:</b>	50%	50%		100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$1	\$324						\$325

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2091**

**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/07	04/08
<b>DESIGN:</b>	05/08	12/08
<b>CONSTRUCTION:</b>	01/09	06/09

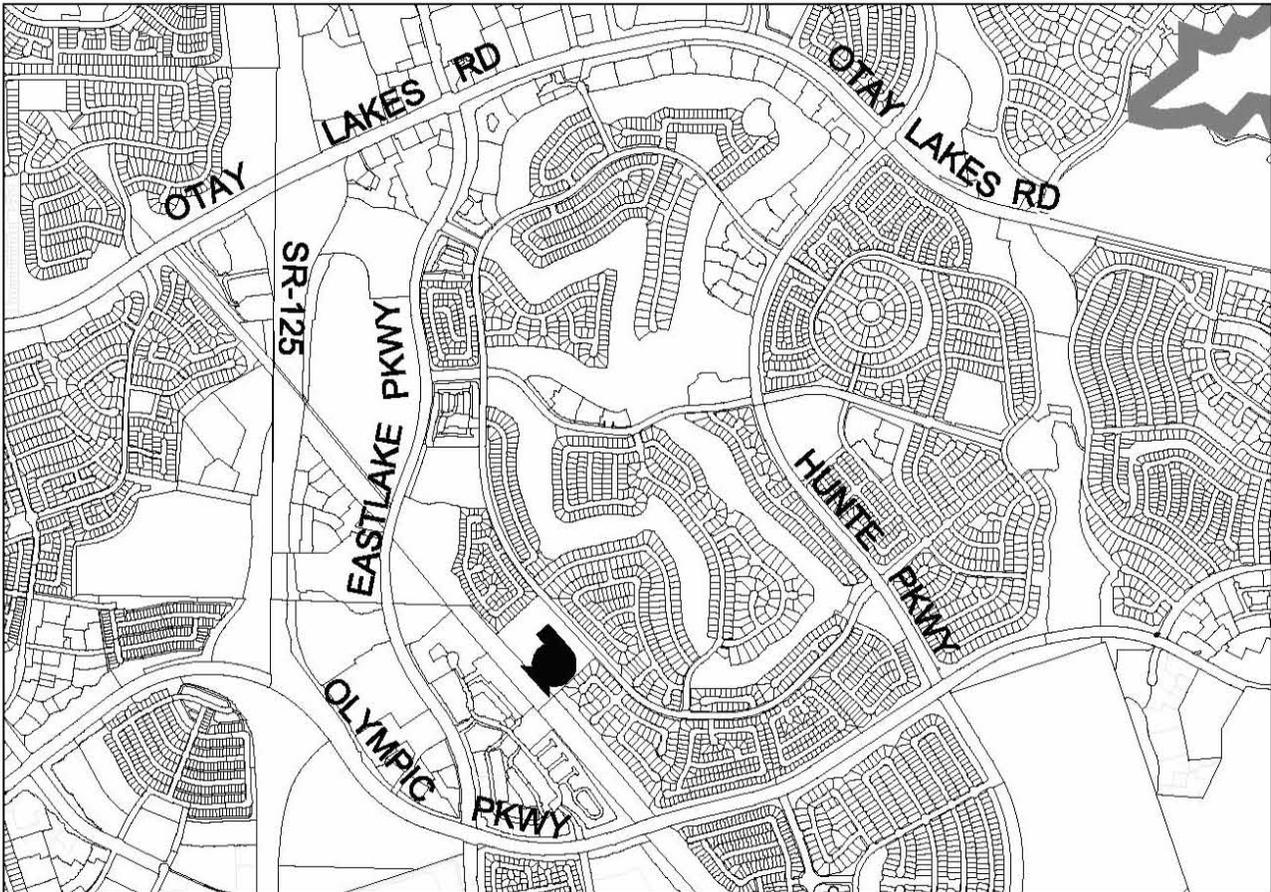
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>TOTAL</b>
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	
	\$107,900	\$111,100	\$114,400	\$117,800	\$121,300	\$572,500

**PROJECT LOCATION:**

**Thomas Bros. Map: 1311**

**OWD Map Book: 115**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2092**

**PROJECT TITLE:** Dis - 450-1 Reservoir Disinfection Facility

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	1
<b>PROJECT MANAGER:</b>	Ripperger	<b>I.D. LOCATION:</b>	10
<b>ORIGINAL APPROVED DATE:</b>	5/29/2007	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>	R2001, R2004	<b>BUDGET AMOUNT:</b>	\$830,000

**DESCRIPTION OF PROJECT:**

This project consists of construction of a disinfection system facility at the 450-1 Reservoir.

**JUSTIFICATION OF PROJECT:**

The recycled water received from the City of San Diego South Bay Water Reclamation Plant is not planned to be sufficiently disinfected with chemicals. The recycled water will be disinfected prior to deliver to the Otay WD customers.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
I.D. 22		100%		100%
<b>TOTAL:</b>		100%		100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$80	\$750						\$830

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2092**

**PROJECT SCHEDULE:**

**PROJECT  
PHASE:**

**ESTIMATED  
START DATE:**

**ESTIMATED  
FINISH DATE:**

**PLANNING:**

07/07

10/07

**DESIGN:**

11/07

03/08

**CONSTRUCTION:**

04/08

06/09

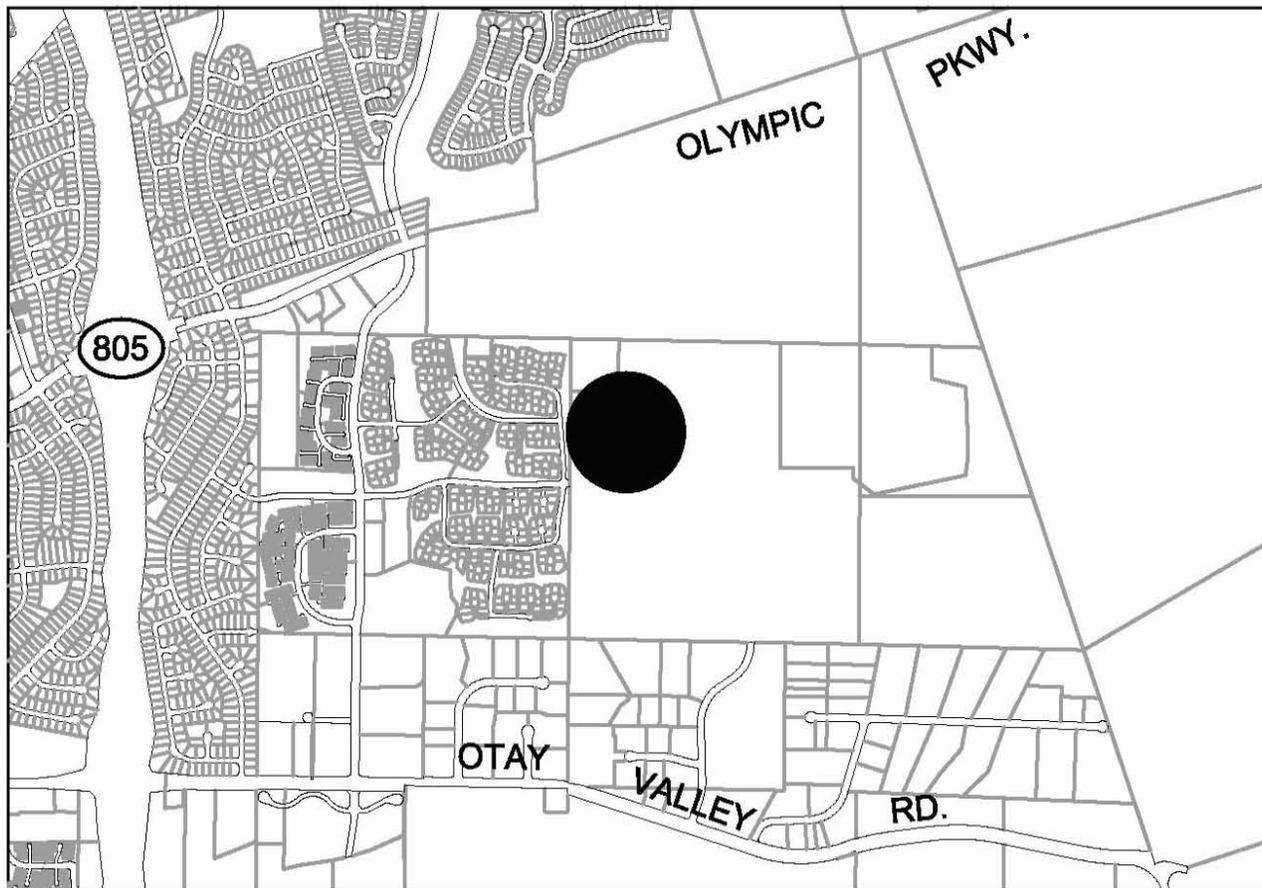
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

FY	FY	FY	FY	FY	FY	
2009	2010	2011	2012	2013	2014	TOTAL
	\$10,700	\$11,000	\$11,300	\$11,600	\$11,900	\$56,500

**PROJECT LOCATION:**

**Thomas Bros. Map: 1330**

**OWD Map Book: 66**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2093**

**PROJECT TITLE: MBR City of Chula Vista**

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	
<b>PROJECT MANAGER:</b>	Peasley	<b>I.D. LOCATION:</b>	
<b>ORIGINAL APPROVED DATE:</b>		<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>	R2090	<b>BUDGET AMOUNT:</b>	\$5,000,000

**DESCRIPTION OF PROJECT:**

This project is to fund the joint water recycling facility feasibility efforts for future recycled water supply needs. The potential partners for this effort are the City of Chula Vista and Otay WD.

**JUSTIFICATION OF PROJECT:**

This project has the potential to create a new and much needed recycled water supply source for the Otay WD.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	100%			100%
<b>TOTAL:</b>	100%			100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
	\$50	\$50	\$50	\$50	\$1,500	\$3,300	\$5,000

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2093**

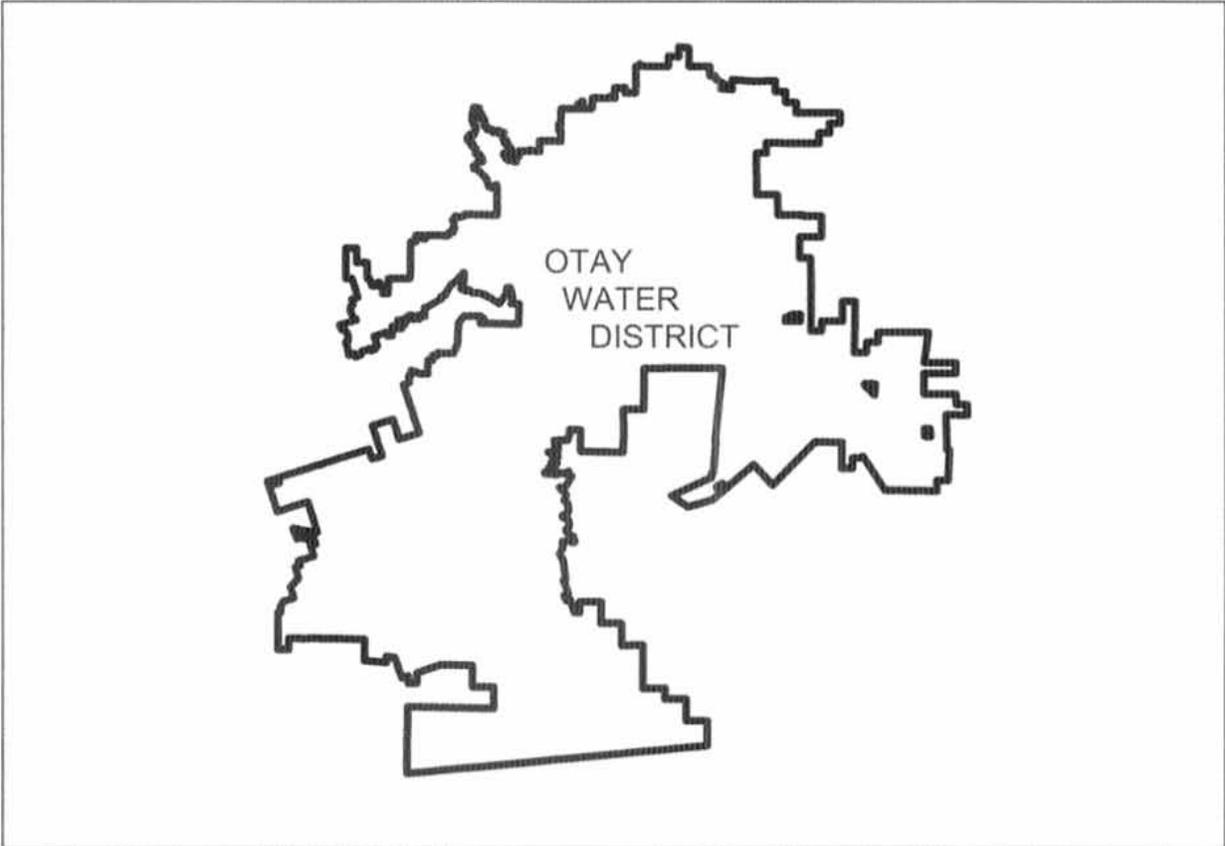
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/08	06/09
<b>DESIGN:</b>	07/09	06/11
<b>CONSTRUCTION:</b>	07/11	12/13

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>

**PROJECT LOCATION:**      **Thomas Bros. Map:** District Wide      **OWD Map Book:** District Wide



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: S2016**

**PROJECT TITLE: Solar Panel Installation Phase I**

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	4
<b>PROJECT MANAGER:</b>	Ripperger	<b>I.D. LOCATION:</b>	20
<b>ORIGINAL APPROVED DATE:</b>	5/23/2006	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$710,000

**DESCRIPTION OF PROJECT:**

The solar panel installation of a 65 KW AC solar system at the roof of the operations building or on the administration building.

**JUSTIFICATION OF PROJECT:**

The installation of the solar panels will potentially assist in reducing electrical costs and aid in the effort to provide a clean environment. The photovoltaic system can produce electricity from a clean, renewable resource without noise or air pollution.

**COMMENTS:**

An average commercial photovoltaic system costs from about \$8 to \$10 per AC watt. The California Public Utilities Commission approved the California Solar Initiative (CSI) in November 2006. The CSI program pays the public sector owner such as Otay WD \$0.50 per kwh generated every month to five years.

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	100%			100%
<b>TOTAL:</b>	100%			100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$10	\$100	\$200	\$200	\$200			\$710

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: S2016**

**PROJECT SCHEDULE:**

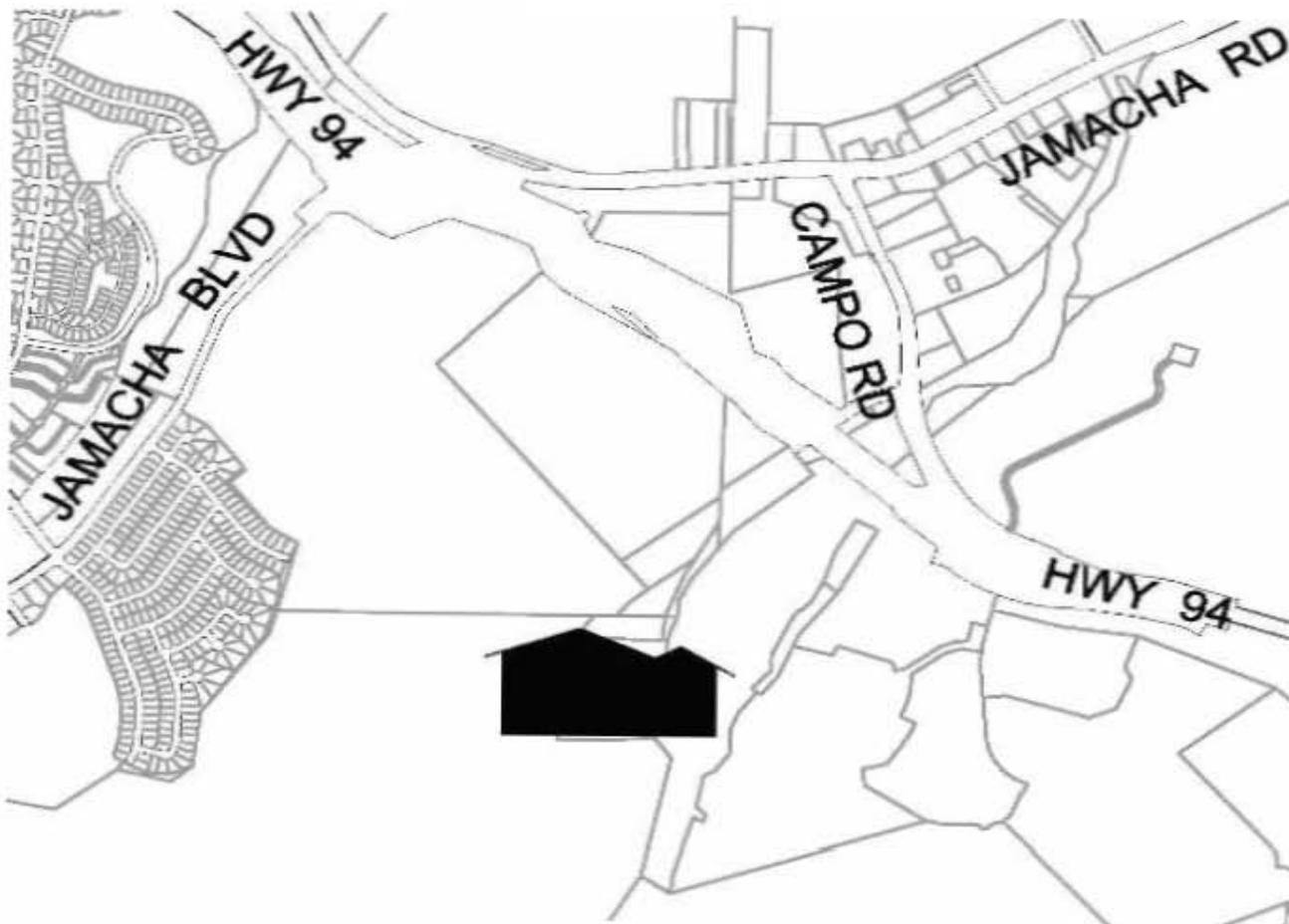
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
PLANNING:	07/06	09/07
DESIGN:	10/07	12/09
CONSTRUCTION:	01/10	12/11

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>

**PROJECT LOCATION:** Thomas Bros. Map: 1271

**OWD Map Book: 318**



# Replacement/Renewal Projects





**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2356**

**PROJECT TITLE: PL - 12-Inch, 803 Zone, Jamul Drive Permastran Pipeline Replacement**

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	5
<b>PROJECT MANAGER:</b>	Kay	<b>I.D. LOCATION:</b>	20
<b>ORIGINAL APPROVED DATE:</b>	5/23/2005	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$815,000

**DESCRIPTION OF PROJECT:**

Replacement of the existing 12-inch permastran pipeline within Jamul Drive with approximately 3,600 feet of 12-inch main in the 803 Pressure Zone.

**JUSTIFICATION OF PROJECT:**

The existing permastran pipeline has experienced failures and is fragilely sensitive to the normally occurring pressure changes.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund			100%	100%
<b>TOTAL:</b>			100%	100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$110	\$705						\$815

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2356**

**PROJECT SCHEDULE:**

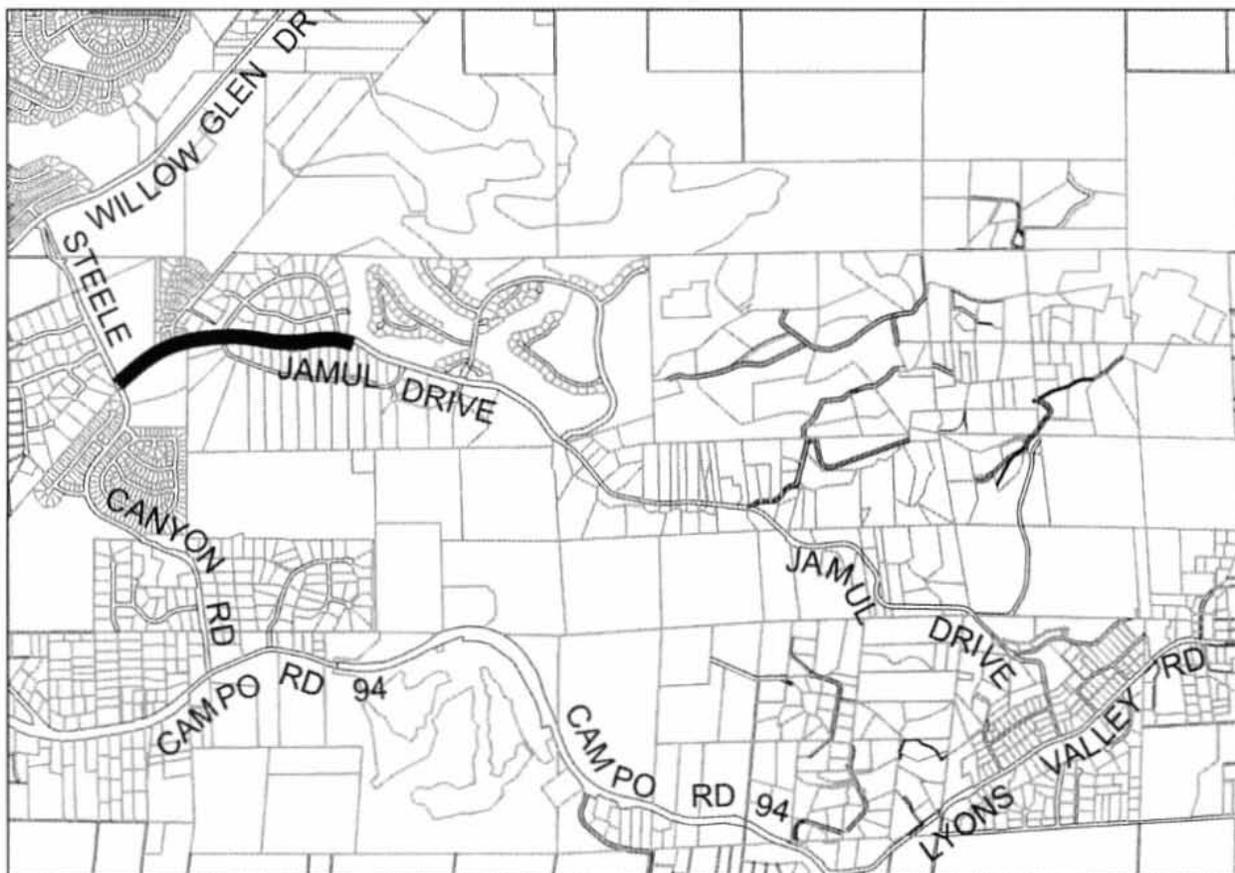
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/05	08/06
<b>DESIGN:</b>	09/06	03/08
<b>CONSTRUCTION:</b>	04/08	06/09

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

<b>FY</b>							
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2014</b>	<b>TOTAL</b>

**PROJECT LOCATION:** Thomas Bros. Map: 1272

**OWD Map Book:** 332



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2366**

**PROJECT TITLE: APCD Engine Replacements and Retrofits**

<b>WORK ORDER NO:</b>	Various	<b>DIRECTOR DIVISION:</b>	
<b>PROJECT MANAGER:</b>	Rahders	<b>I.D. LOCATION:</b>	
<b>ORIGINAL APPROVED DATE:</b>	12/6/2000	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$2,798,000

**DESCRIPTION OF PROJECT:**

This project is to replace and/or retrofit 14 diesel fuel burning engines with best technology exhaust gas control systems throughout the Otay WD to comply with APCD engine emission regulations. The Otay WD also needs to replace, repower, and/or retrofit the heavy vehicle diesel fleet to comply with upcoming emissions regulations.

**JUSTIFICATION OF PROJECT:**

The Otay WD is required to replace and/or retrofit 14 of its engines to meet current APCD requirements including the Air Toxics Control Measures, and to be consistent with the intended operation of the engines to meet system demands. The Otay WD also needs to replace, repower, and/or retrofit the heavy vehicle diesel fleet to meet future emissions requirements.

**COMMENTS:**

See Work Order Nos. 30034, 30043, and 30083.

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund			100%	100%
<b>TOTAL:</b>			100%	100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$1,638	\$170	\$180	\$190	\$220	\$200	\$200	\$2,798

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2366**

**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	12/00	06/01
<b>DESIGN:</b>	07/01	06/10
<b>CONSTRUCTION:</b>	07/05	06/14

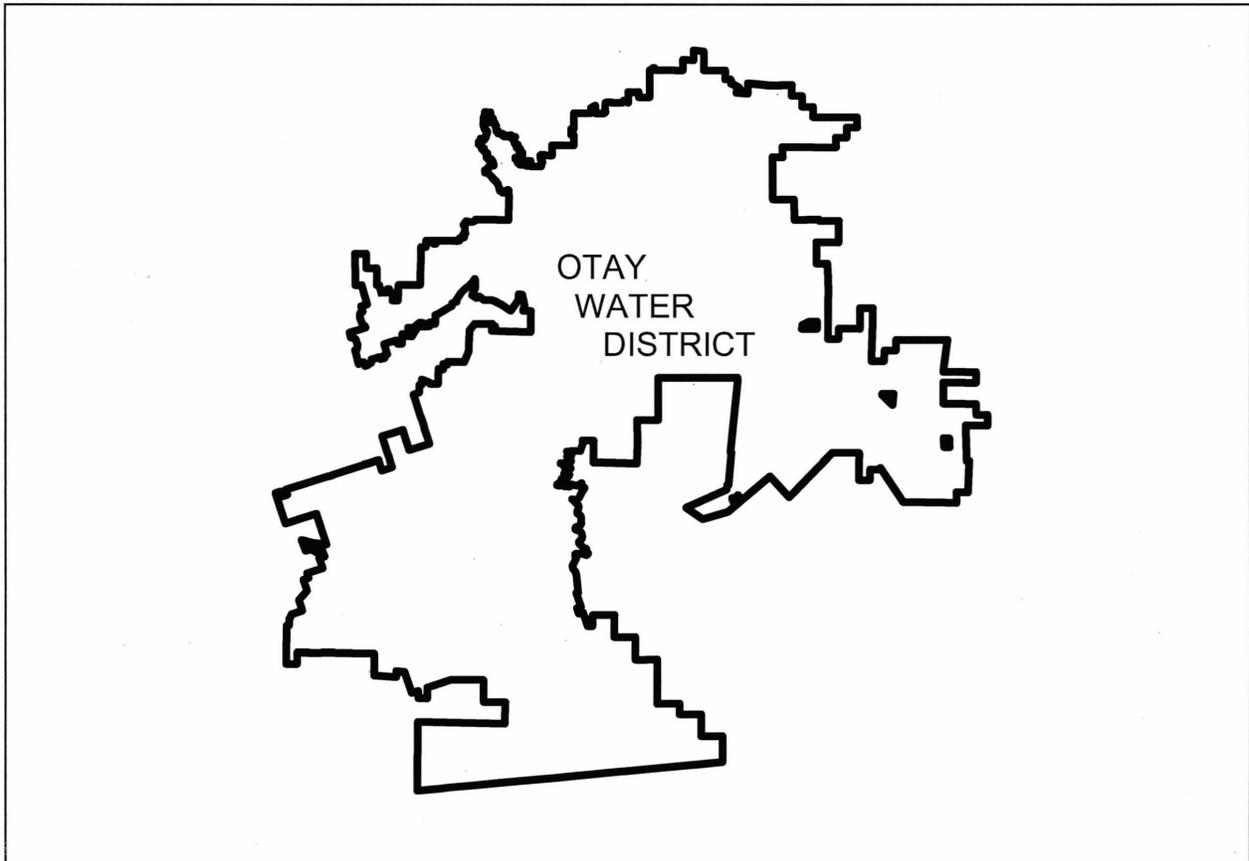
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>

**PROJECT LOCATION:**

**Thomas Bros. Map:** District Wide

**OWD Map Book:** District Wide



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2382**

**PROJECT TITLE: Safety and Security Improvements**

<b>WORK ORDER NO:</b>	Various	<b>DIRECTOR DIVISION:</b>	
<b>PROJECT MANAGER:</b>	Gerber	<b>I.D. LOCATION:</b>	
<b>ORIGINAL APPROVED DATE:</b>	6/5/2002	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$1,317,000

**DESCRIPTION OF PROJECT:**

This project is to improve the security of the Otay WD facilities by developing a response plan, installing protection systems, and contracting with a protection monitoring and response service. This project will also include additional safety and security improvements as required throughout the Otay WD. The security improvements are a result of the Otay WD Vulnerability Assessment Report completed in March 2003.

**JUSTIFICATION OF PROJECT:**

Although existing facilities are relatively safe and secure, the Federal government may mandate that security of water systems be improved by monitoring and response to intrusions. The security improvements are in response to the September 11, 2001 incident and potential future acts of terrorism.

**COMMENTS:**

See Work Order Nos. 30074 and 30079.

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	20%		80%	100%
<b>TOTAL:</b>	20%		80%	100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$1,048	\$169	\$40	\$30	\$30			\$1,317

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2382**

**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/02	08/03
<b>DESIGN:</b>	09/03	06/09
<b>CONSTRUCTION:</b>	08/04	06/12

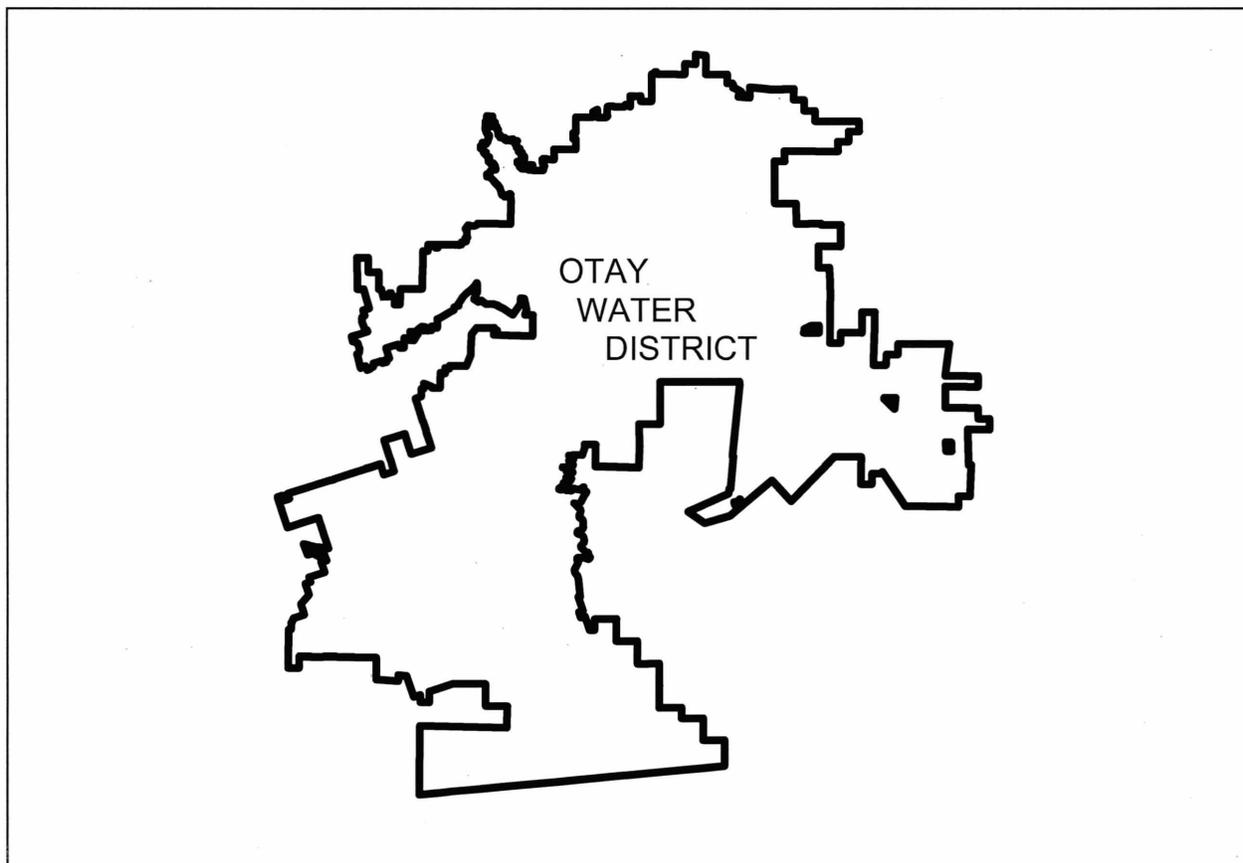
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>

**PROJECT LOCATION:**

**Thomas Bros. Map:** District Wide

**OWD Map Book:** District Wide



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2416**

**PROJECT TITLE: SR-125 Utility Relocations**

<b>WORK ORDER NO:</b>	Various	<b>DIRECTOR DIVISION:</b>	
<b>PROJECT MANAGER:</b>	Kay	<b>I.D. LOCATION:</b>	
<b>ORIGINAL APPROVED DATE:</b>	6/4/2003	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$870,000

**DESCRIPTION OF PROJECT:**

This project provides funding for all utility relocations required due to construction of SR-125. Facility relocations vary in size from 8-inch to 24-inch and they impact both the potable and recycled water systems.

**JUSTIFICATION OF PROJECT:**

Otay River Constructors, under contract with California Transportation Ventures, is constructing SR-125, which conflicts with existing Otay WD facilities at various locations. In some cases, the Otay WD does have prior and superior rights. Various facilities must be relocated to avoid physical conflicts.

**COMMENTS:**

A master agreement has been signed with Otay River Constructors to define the relationship between the two entities and outline the process for defining the scope and cost of each required facility relocation. See Work Order Nos. 30094 and 30103.

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund			100%	100%
<b>TOTAL:</b>			100%	100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$860	\$10						\$870

# OTAY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

**CIP Number: P2416**

**PROJECT SCHEDULE:**

PROJECT PHASE:	ESTIMATED START DATE:	ESTIMATED FINISH DATE:
PLANNING:	10/02	12/03
DESIGN:	01/04	12/05
CONSTRUCTION:	10/04	06/09

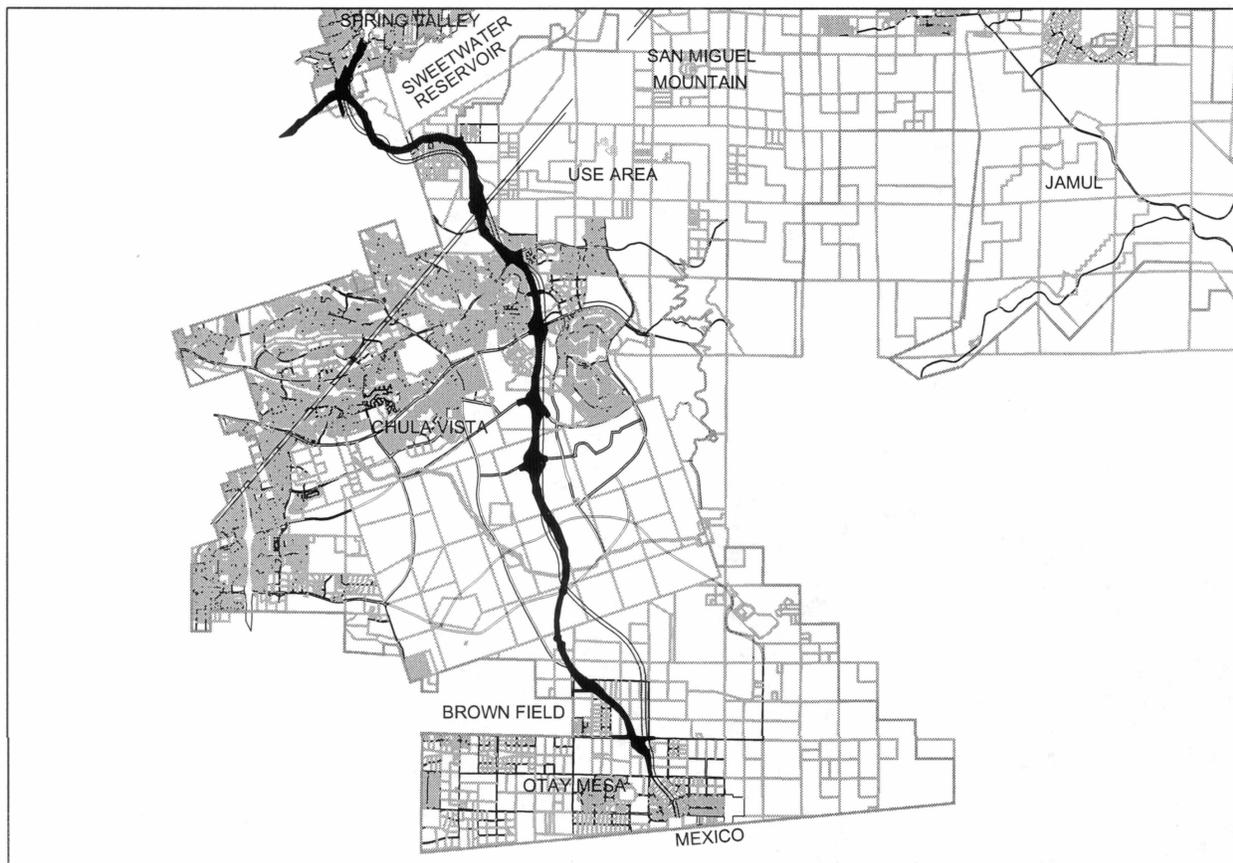
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

FY	FY	FY	FY	FY	FY	
2009	2010	2011	2012	2013	2014	TOTAL

**PROJECT LOCATION:**

**Thomas Bros. Map:** District Wide

**OWD Map Book:** District Wide





**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2422**

**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/03	06/14
<b>DESIGN:</b>	06/06	06/14
<b>CONSTRUCTION:</b>	07/07	06/14

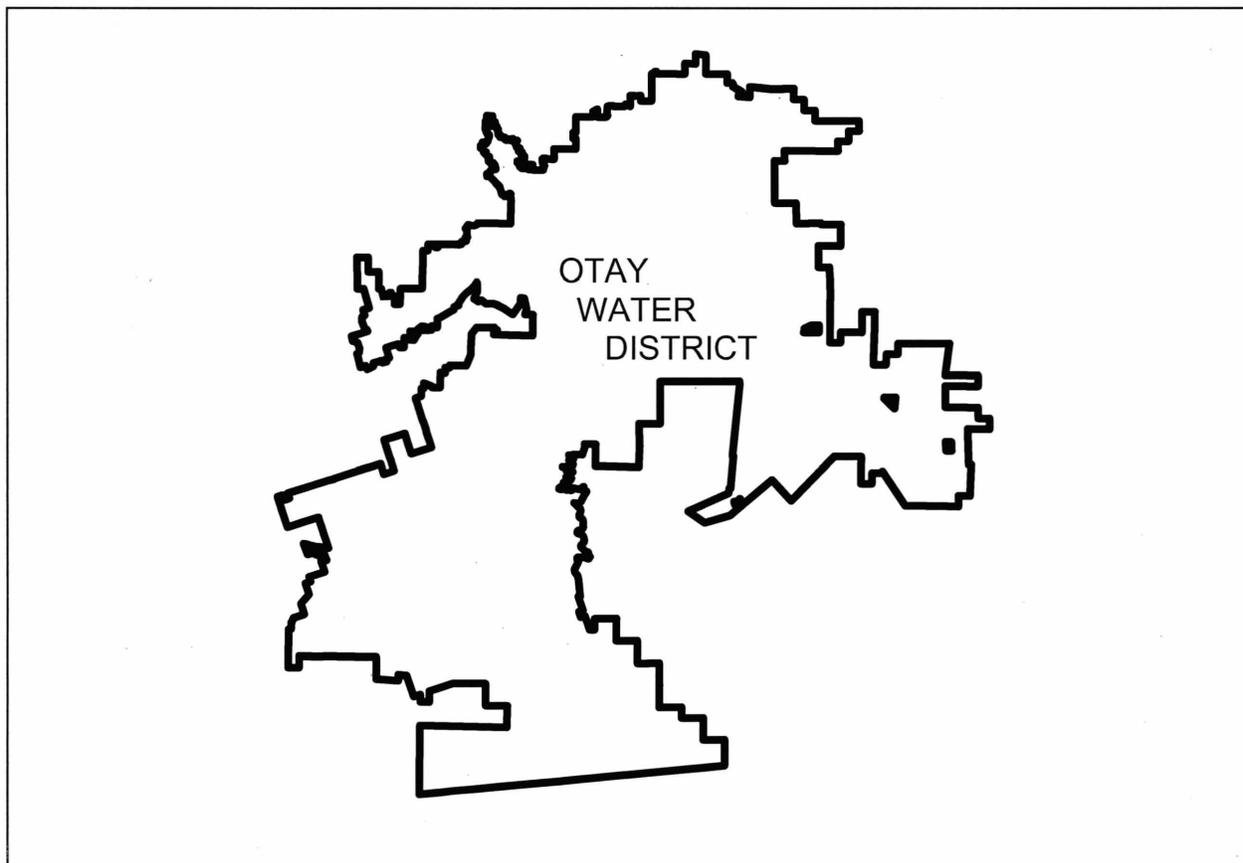
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>

**PROJECT LOCATION:**

**Thomas Bros. Map:** District Wide

**OWD Map Book:** District Wide



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2440**

**PROJECT TITLE: I-905 Utility Relocations**

<b>WORK ORDER NO:</b>	Various	<b>DIRECTOR DIVISION:</b>	2
<b>PROJECT MANAGER:</b>	Kay	<b>I.D. LOCATION:</b>	7
<b>ORIGINAL APPROVED DATE:</b>	6/2/2004	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>	P2454	<b>BUDGET AMOUNT:</b>	\$2,460,000

**DESCRIPTION OF PROJECT:**

This project provides funding for all utility relocations required due to construction of I-905 on the Otay Mesa. Pipeline relocations vary from 12-inch to 24-inch. Five locations have been identified where existing facilities are in conflict with I-905.

**JUSTIFICATION OF PROJECT:**

Caltrans will construct I-905, which will result in utility conflicts with Otay WD pipelines. In all cases, the Otay WD has prior and superior rights. The facilities must be relocated prior to Caltrans construction of I-905. The cost of the facilities relocations that have prior rights will be reimbursed by Caltrans.

**COMMENTS:**

Utility agreements were developed by Caltrans for each of the required facility relocations. Any betterment work such as pipeline size increase and /or additional length are at the Otay WD expense. See Work Order Nos. 30128, 30129, 30130, and 30131.

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund			100%	100%
<b>TOTAL:</b>			100%	100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$1,410	\$925	\$125					\$2,460

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2440**

**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	01/03	09/06
<b>DESIGN:</b>	10/03	09/06
<b>CONSTRUCTION:</b>	10/06	06/10

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

| <b>FY</b>    |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2009</b> | <b>2010</b> | <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>TOTAL</b> |
|             |             |             |             |             |             |              |

**PROJECT LOCATION:** Thomas Bros. Map: 1351

**OWD Map Book: 10**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2441**

**PROJECT TITLE: NG/RAMAR Meter Replacements**

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	
<b>PROJECT MANAGER:</b>	Henderson	<b>I.D. LOCATION:</b>	
<b>ORIGINAL APPROVED DATE:</b>	5/23/2006	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>	P2458	<b>BUDGET AMOUNT:</b>	\$2,035,000

**DESCRIPTION OF PROJECT:**

This project is to replace the existing meters that were installed in recent years that have become inoperable due to allowed frequencies by the Federal Communication Commission.

**JUSTIFICATION OF PROJECT:**

The Otay WD is currently in pending litigation to recoup the cost of replacing the non functioning NG/Ramar meters. The Board has directed staff to proceed with the replacements. The replaced meters are being retained for potential legal purposes.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund			100%	100%
<b>TOTAL:</b>			100%	100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$1,935	\$100						\$2,035

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2441**

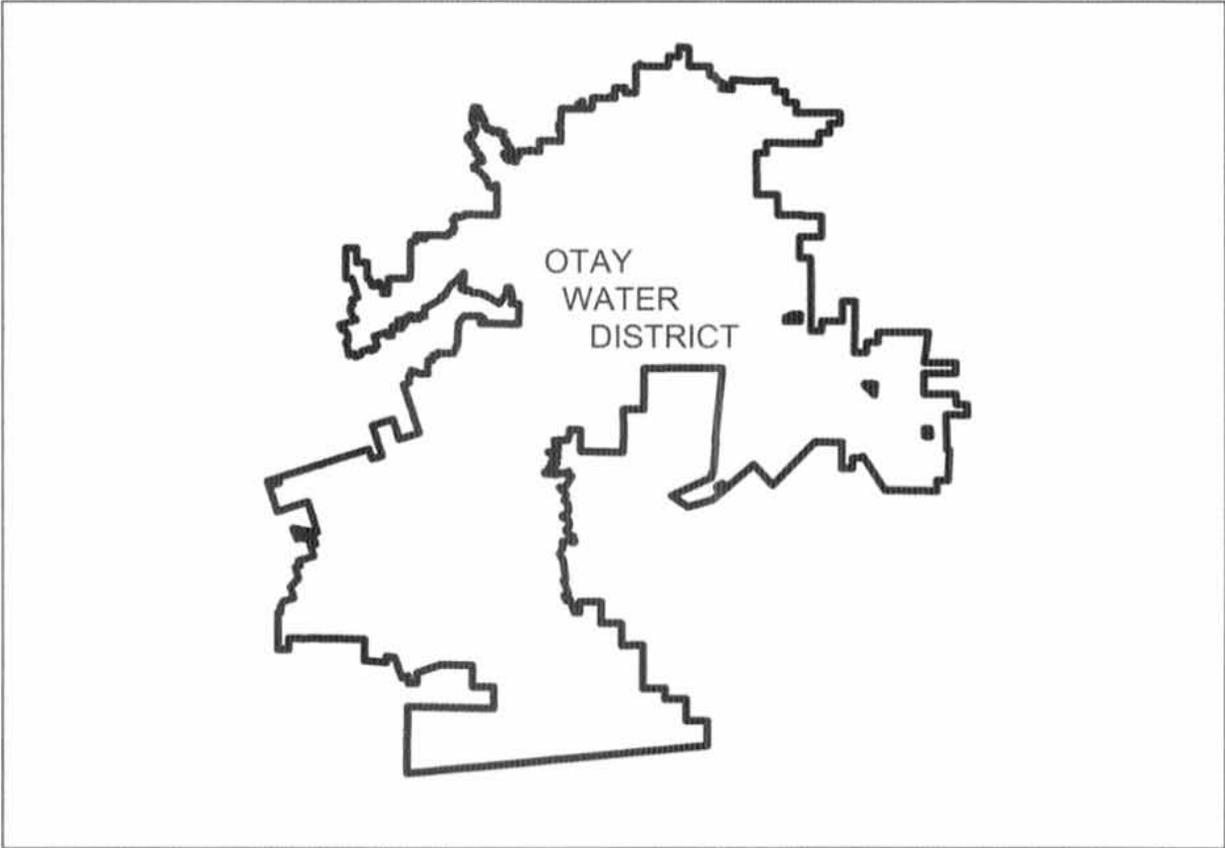
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>		
<b>DESIGN:</b>		
<b>CONSTRUCTION:</b>	12/06	06/09

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>

**PROJECT LOCATION:**      **Thomas Bros. Map:** District Wide      **OWD Map Book:** District Wide



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2453**

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

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	2
<b>PROJECT MANAGER:</b>	Kay	<b>I.D. LOCATION:</b>	7
<b>ORIGINAL APPROVED DATE:</b>	5/23/2006	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$500,000

**DESCRIPTION OF PROJECT:**

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

**JUSTIFICATION OF PROJECT:**

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

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund			100%	100%
<b>TOTAL:</b>			100%	100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
	\$5	\$165	\$125	\$205			\$500

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2453**

**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/06	06/09
<b>DESIGN:</b>	07/07	10/09
<b>CONSTRUCTION:</b>	11/09	06/12

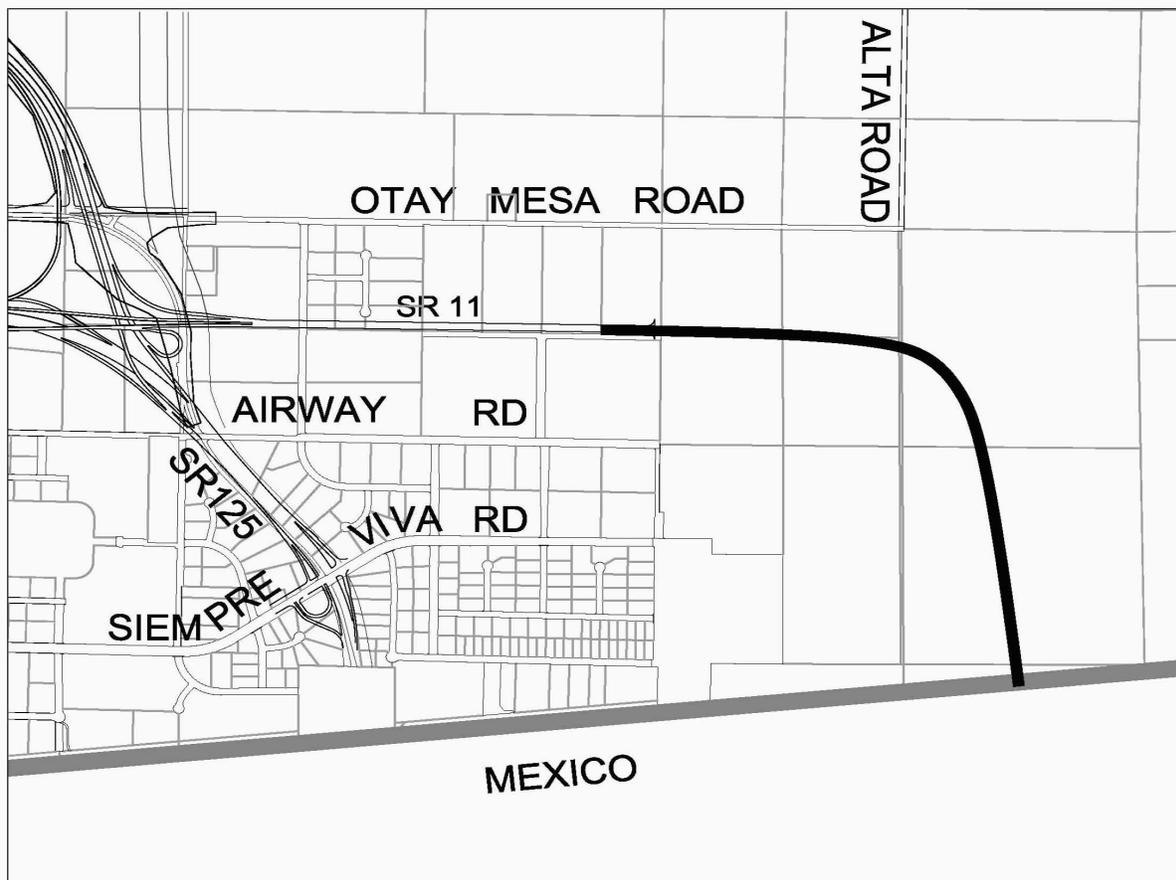
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>TOTAL</b>
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>		

**PROJECT LOCATION:**

**Thomas Bros. Map: 1351**

**OWD Map Book: 5**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2456**

**PROJECT TITLE:** Air and Vacuum Valve Upgrades

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	
<b>PROJECT MANAGER:</b>	Henderson	<b>I.D. LOCATION:</b>	
<b>ORIGINAL APPROVED DATE:</b>	5/23/2006	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$4,214,000

**DESCRIPTION OF PROJECT:**

This project is to provide funding for the upgrading of approximately 750 existing air and vacuum valves that are currently below grade.

**JUSTIFICATION OF PROJECT:**

The current Department of Health regulations require that all potable air and vacuum valves be installed above grade to eliminate the possibility of back siphoning ground water into the potable water system in the event of pressure loss within the water system.

**COMMENTS:**

Some of the existing air and vacuum valves are located in streets and roadways. These facilities will require extension of the piping outside of the traveled way. It is planned to upgrade approximately 140 units per year.

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund		26%	74%	100%
<b>TOTAL:</b>		26%	74%	100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$704	\$520	\$550	\$580	\$600	\$620	\$640	\$4,214

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2456**

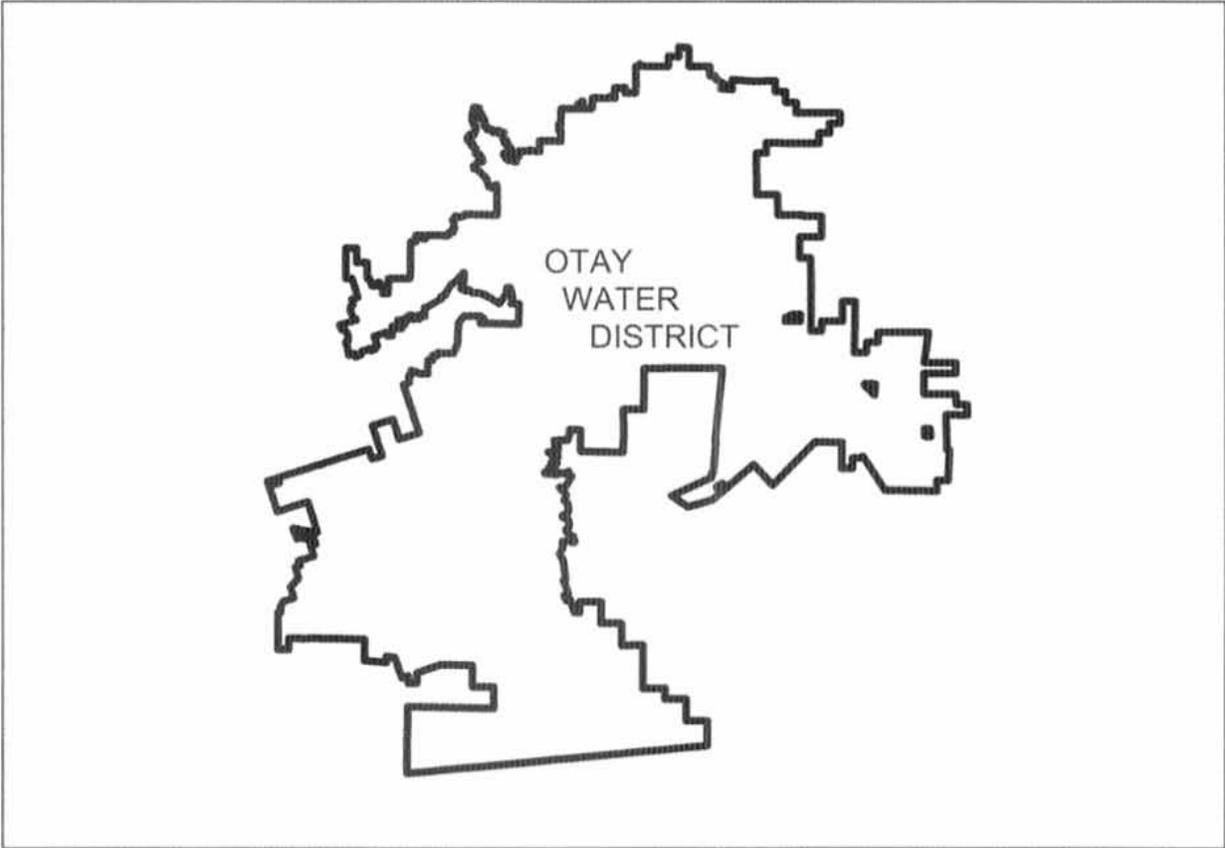
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>		
<b>DESIGN:</b>		
<b>CONSTRUCTION:</b>	07/06	06/14

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

FY	FY	FY	FY	FY	FY	
2009	2010	2011	2012	2013	2014	TOTAL

**PROJECT LOCATION:**      **Thomas Bros. Map:** District Wide      **OWD Map Book:** District Wide



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2458**

**PROJECT TITLE: AMR Manual Meter Replacement**

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	
<b>PROJECT MANAGER:</b>	Henderson	<b>I.D. LOCATION:</b>	
<b>ORIGINAL APPROVED DATE:</b>	5/23/2006	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>	P2441	<b>BUDGET AMOUNT:</b>	\$10,277,000

**DESCRIPTION OF PROJECT:**

This project will provide funding to replace all manually read meters with AMR meters. Approximately 34,700 existing manual 3/4-inch meters will be replaced with the AMR meter.

**JUSTIFICATION OF PROJECT:**

This program will benefit the Otay WD in the form of reducing manpower resources as the water systems are expanded.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund			100%	100%
<b>TOTAL:</b>			100%	100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$1,052	\$1,250	\$1,375	\$1,500	\$1,650	\$1,700	\$1,750	\$10,277

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2458**

**PROJECT SCHEDULE:**

**PROJECT  
PHASE:**

**ESTIMATED  
START DATE:**

**ESTIMATED  
FINISH DATE:**

**PLANNING:**

**DESIGN:**

**CONSTRUCTION:**

07/06

06/14

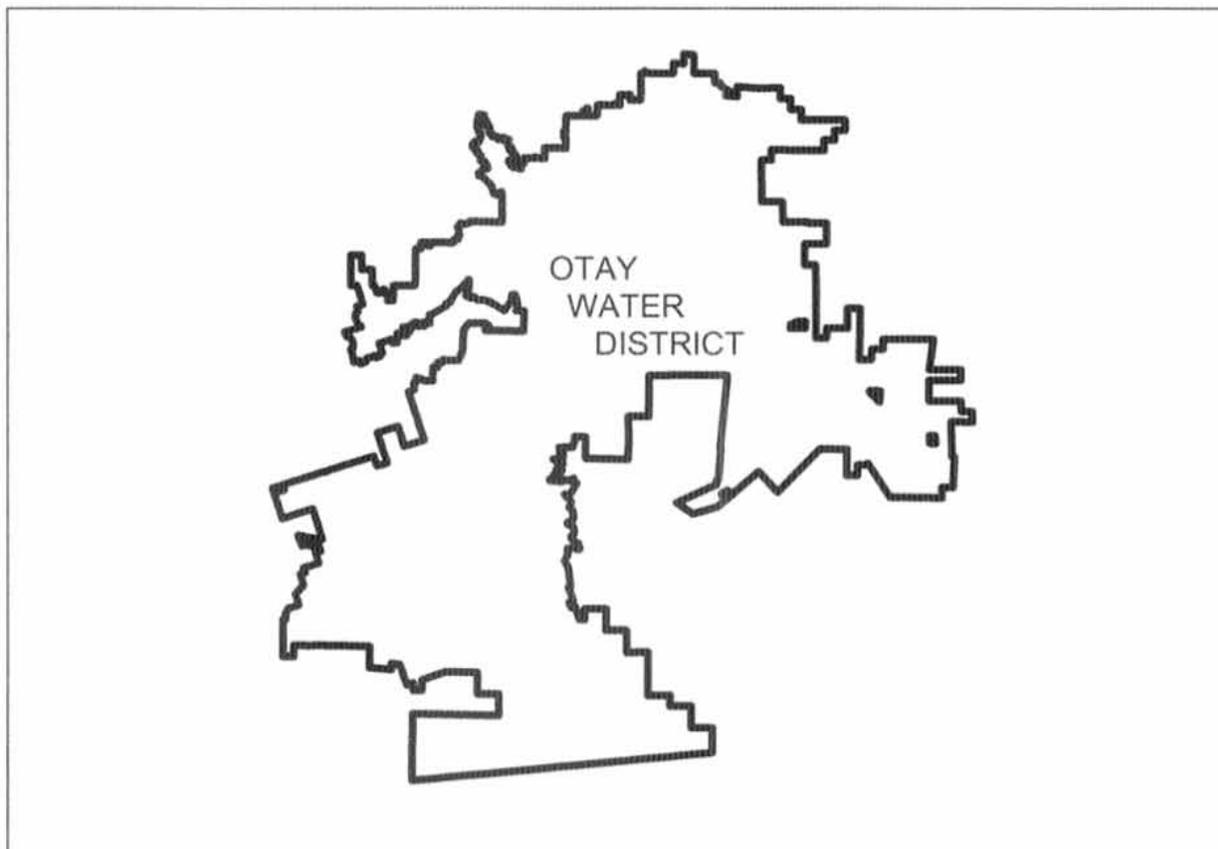
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

FY	FY	FY	FY	FY	FY	
2009	2010	2011	2012	2013	2014	TOTAL
\$-36,500	\$-34,500	\$-34,700	\$-39,300	\$-40,400	\$-41,000	\$-226,400

**PROJECT LOCATION:**

**Thomas Bros. Map:** District Wide

**OWD Map Book:** District Wide



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2086**

**PROJECT TITLE: RWCWRF Force Main AirVac Replacements and Road Improvements**

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	3
<b>PROJECT MANAGER:</b>	Kay	<b>I.D. LOCATION:</b>	
<b>ORIGINAL APPROVED DATE:</b>	5/23/2005	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$1,300,000

**DESCRIPTION OF PROJECT:**

Replacement of 21 existing two inch air release and vacuum valves on the recycled water force main from the RWCWRF to the Use Area with improved capacity and corrosion resistance features. The existing seven isolation valves on the force main will be replaced. The existing roadway along the force main will be improved.

**JUSTIFICATION OF PROJECT:**

The existing air release and vacuum valves on the force main have failed frequently, which causes unauthorized discharges of recycled water. The existing isolation valves are corroded and exhibit signs of leakage. The existing access road along the force main is damaged and improvements will increase safety for operations personnel.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund			100%	100%
<b>TOTAL:</b>			100%	100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$300	\$1,000						\$1,300

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2086**

**PROJECT SCHEDULE:**

**PROJECT  
PHASE:**

**ESTIMATED  
START DATE:**

**ESTIMATED  
FINISH DATE:**

**PLANNING:**

07/05

07/06

**DESIGN:**

08/06

05/08

**CONSTRUCTION:**

06/08

06/09

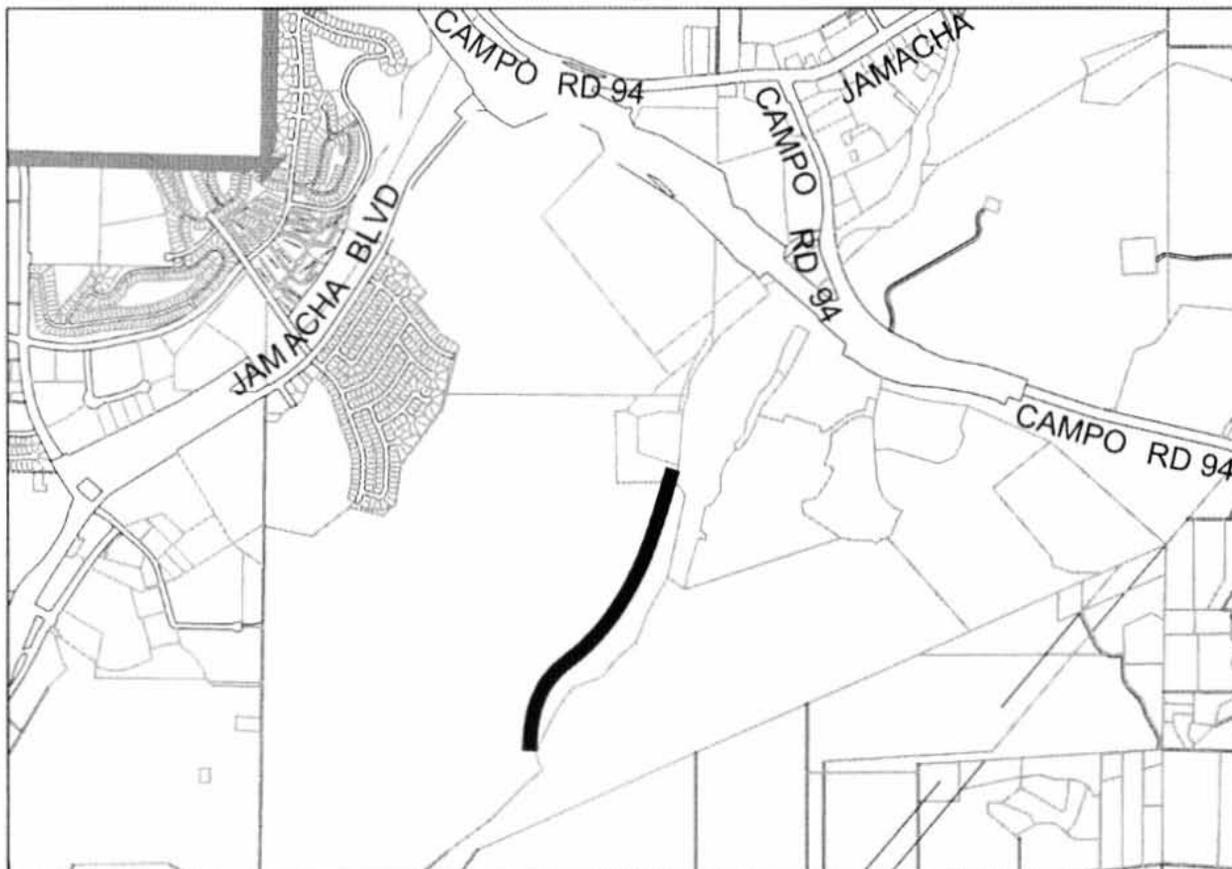
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

FY	FY	FY	FY	FY	FY	
2009	2010	2011	2012	2013	2014	TOTAL

**PROJECT LOCATION:**

**Thomas Bros. Map: 1271**

**OWD Map Book: 319**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: S2012**

**PROJECT TITLE: SVSD Outfall and RSD Replacement and OM Reimbursement**

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	
<b>PROJECT MANAGER:</b>	Peasley	<b>I.D. LOCATION:</b>	
<b>ORIGINAL APPROVED DATE:</b>	6/4/2003	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$2,846,000

**DESCRIPTION OF PROJECT:**

This project provides funding for the Otay WD proportionate share of the SVSD total costs for replacement of various system components of the existing Spring Valley and Rancho San Diego Outfall Systems per terms of an existing agreement with the SVSD. The reimbursement also includes a proportionate share of operating and maintenance costs.

**JUSTIFICATION OF PROJECT:**

Various components of the SVSD Spring Valley Outfall and the Rancho San Diego Outfall are in very bad condition and are need of repair and/or replacement.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund			100%	100%
<b>TOTAL:</b>			100%	100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$1,886	\$430	\$130	\$100	\$100	\$100	\$100	\$2,846

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: S2012**

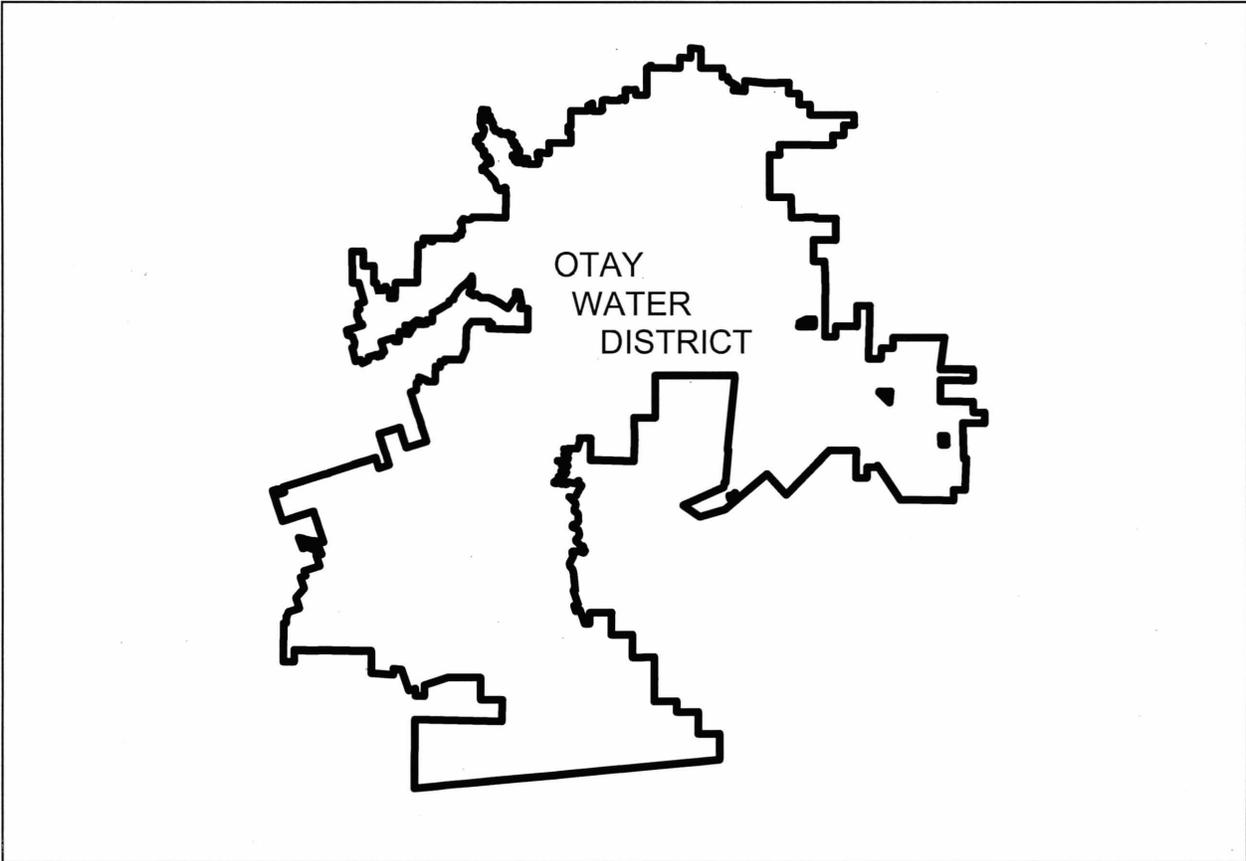
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/03	06/14
<b>DESIGN:</b>		
<b>CONSTRUCTION:</b>		

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>

**PROJECT LOCATION:**      **Thomas Bros. Map:** District Wide      **OWD Map Book:** District Wide



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: S2015**

**PROJECT TITLE:** Calavo Lift Station Replacement

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	5
<b>PROJECT MANAGER:</b>	Kay	<b>I.D. LOCATION:</b>	14
<b>ORIGINAL APPROVED DATE:</b>	5/23/2005	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$526,000

**DESCRIPTION OF PROJECT:**

Construction of a new sewer lift station to replace the existing lift station.

**JUSTIFICATION OF PROJECT:**

The existing lift station has no remaining useful life, has groundwater intrusion problems, and replacement and repair components are hard to find.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund			100%	100%
<b>TOTAL:</b>			100%	100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$226	\$300						\$526

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: S2015**

**PROJECT SCHEDULE:**

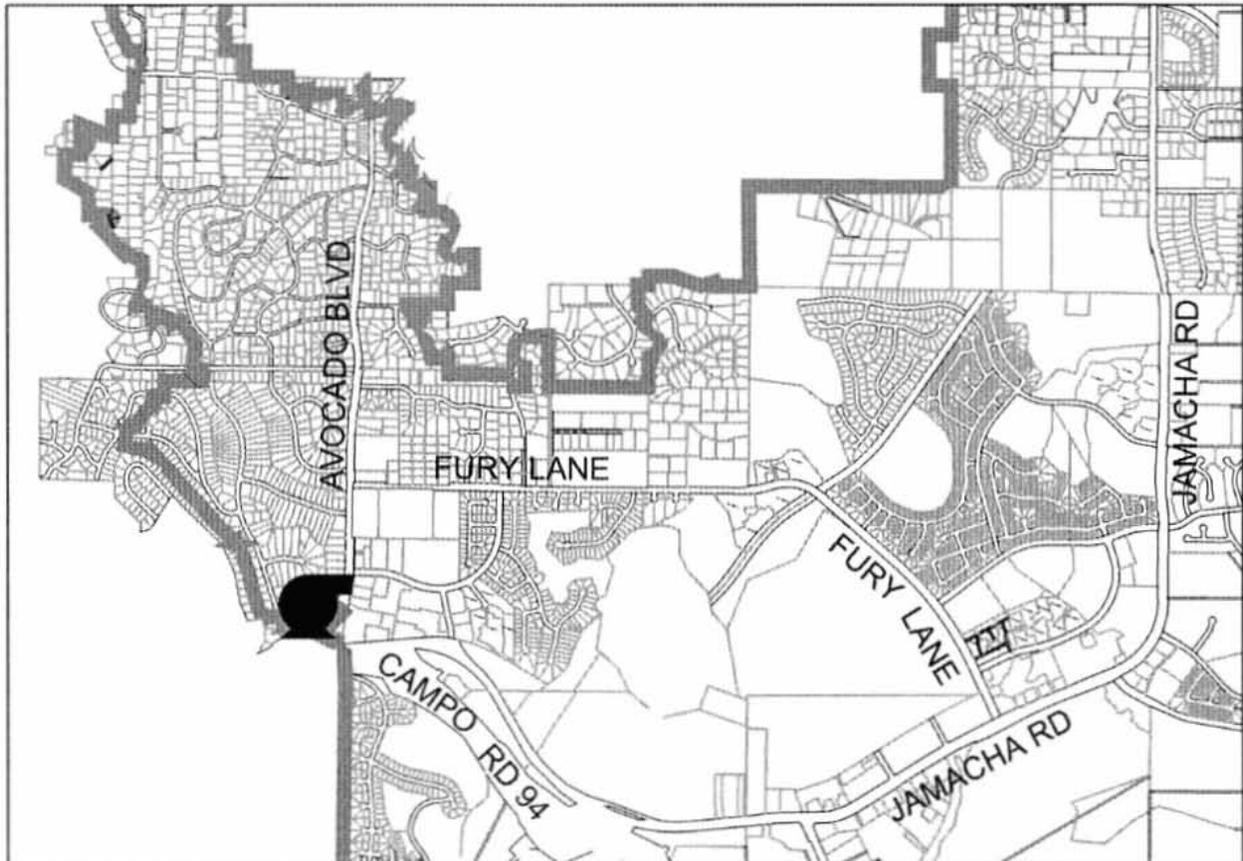
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
PLANNING:	12/05	08/06
DESIGN:	09/06	02/08
CONSTRUCTION:	03/08	06/09

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

FY	FY	FY	FY	FY	FY	
2009	2010	2011	2012	2013	2014	TOTAL

**PROJECT LOCATION:** Thomas Bros. Map: 1271

**OWD Map Book: 342**



**Capital Purchase Projects**





**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2282**

**PROJECT TITLE: Vehicle Capital Purchases**

<b>WORK ORDER NO:</b>	<b>DIRECTOR DIVISION:</b>
<b>PROJECT MANAGER:</b> Porras	<b>I.D. LOCATION:</b>
<b>ORIGINAL APPROVED DATE:</b> 6/3/1996	<b>PRIORITY:</b> 1
<b>RELATED CIP PROJECTS:</b>	<b>BUDGET AMOUNT:</b> \$2,689,000

**DESCRIPTION OF PROJECT:**

This project provides funding for capital purchase of various vehicles for daily Otay WD functions.

**JUSTIFICATION OF PROJECT:**

Replacements or newly acquired vehicles will be used for operational and administrative functions throughout the entire Otay WD.

**COMMENTS:**

It is planned to purchase twelve vehicles in fiscal year 2009.

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund			100%	100%
<b>TOTAL:</b>			100%	100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$1,371	\$228	\$220	\$220	\$220	\$220	\$210	\$2,689

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2282**

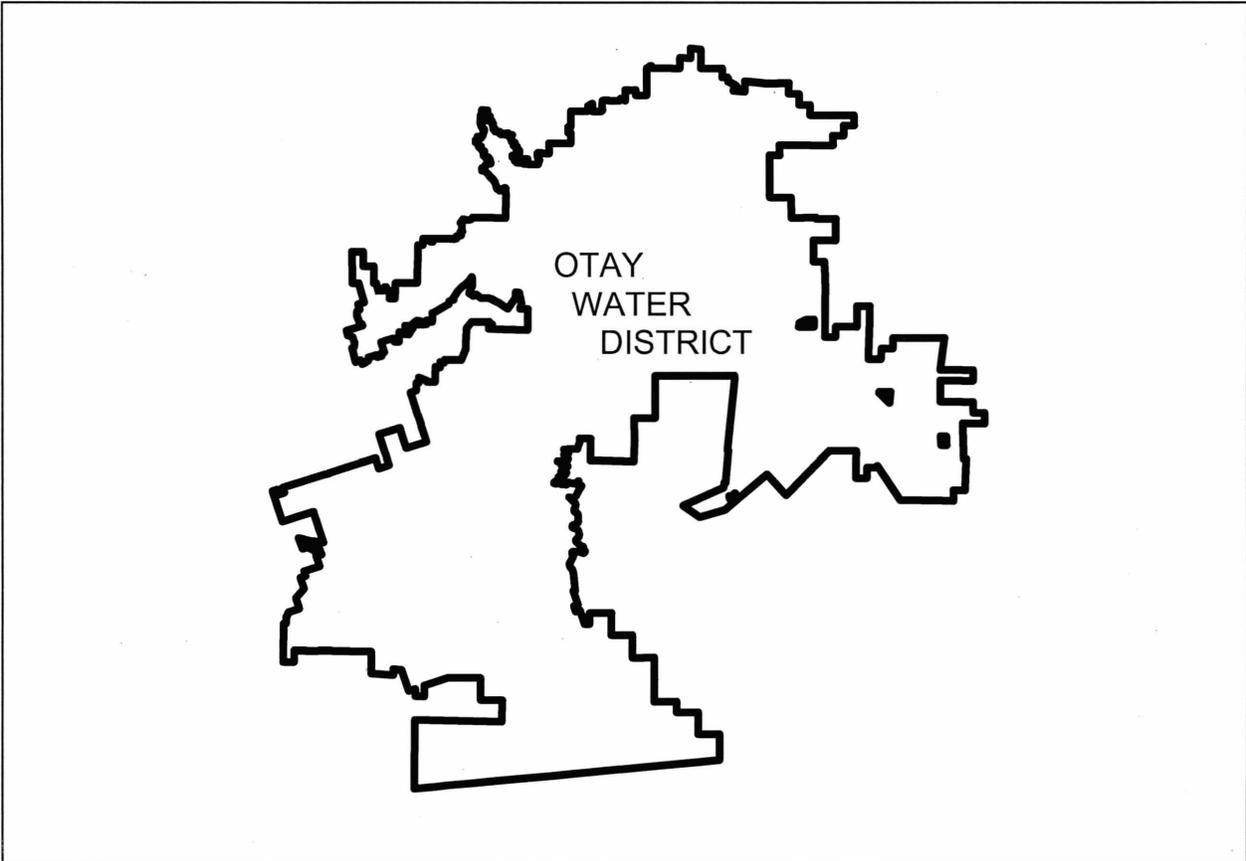
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	12/00	06/14
<b>DESIGN:</b>		
<b>CONSTRUCTION:</b>		

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>

**PROJECT LOCATION:**      **Thomas Bros. Map:** District Wide      **OWD Map Book:** District Wide





**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2285**

**PROJECT SCHEDULE:**

**PROJECT  
PHASE:**

**ESTIMATED  
START DATE:**

**ESTIMATED  
FINISH DATE:**

**PLANNING:**

12/00

06/14

**DESIGN:**

**CONSTRUCTION:**

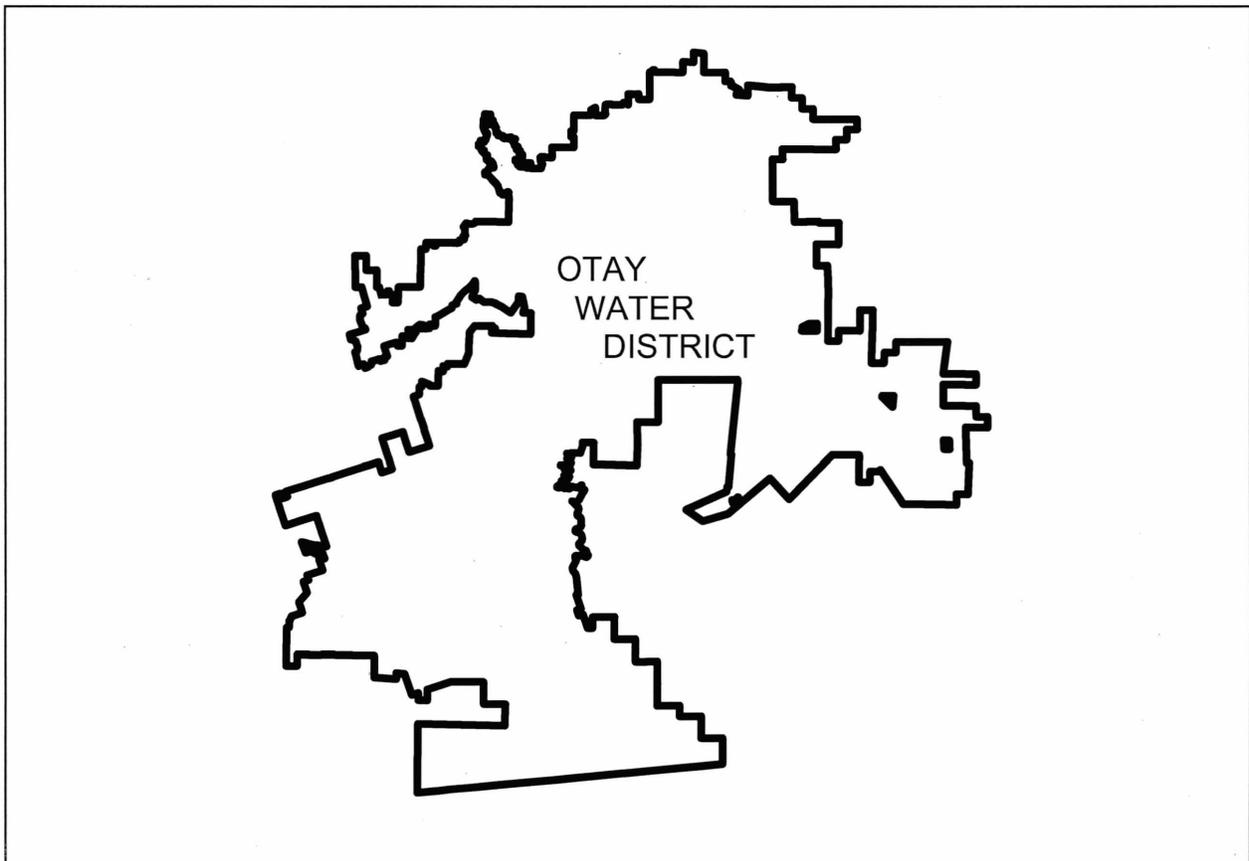
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

FY	FY	FY	FY	FY	FY	
2009	2010	2011	2012	2013	2014	TOTAL

**PROJECT LOCATION:**

**Thomas Bros. Map:** District Wide

**OWD Map Book:** District Wide





**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2286**

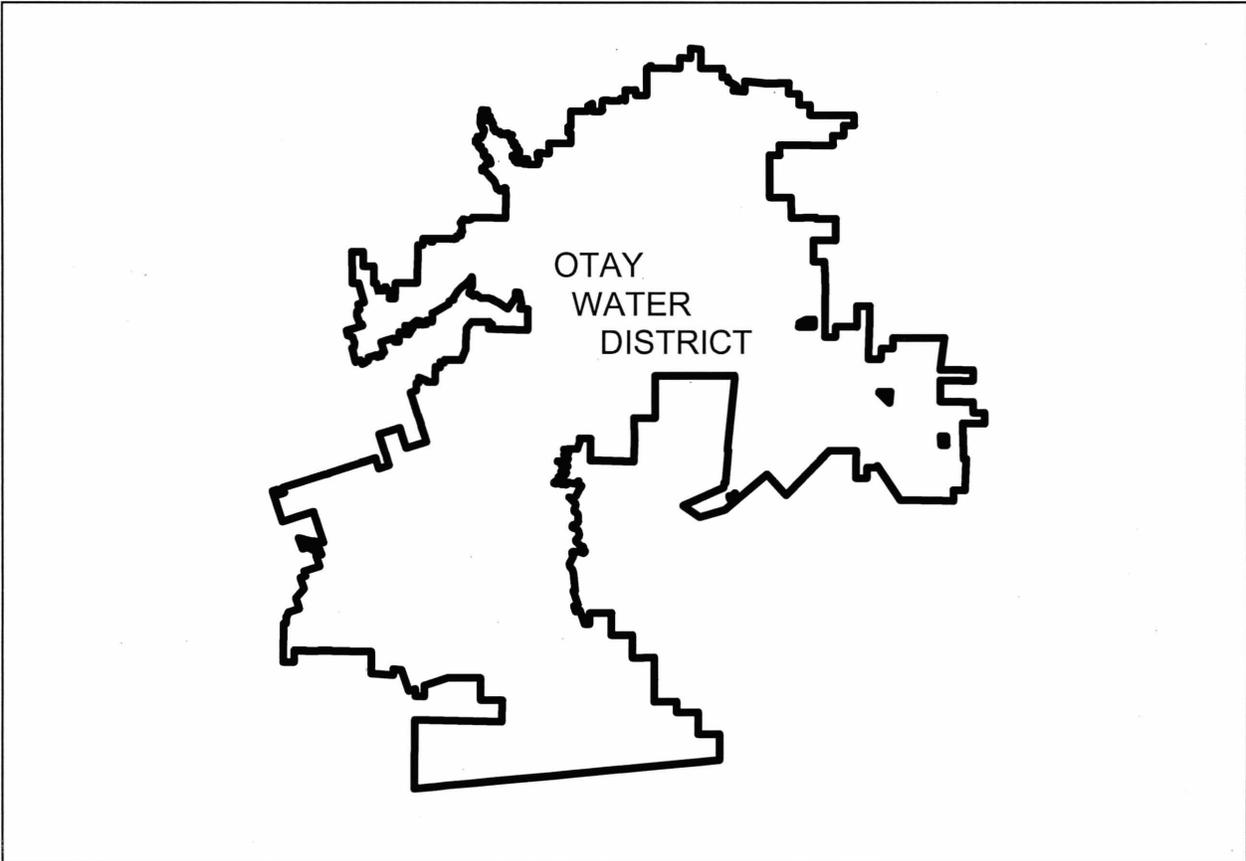
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	12/00	06/14
<b>DESIGN:</b>		
<b>CONSTRUCTION:</b>		

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>

**PROJECT LOCATION:**      **Thomas Bros. Map:** District Wide      **OWD Map Book:** District Wide



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2443**

**PROJECT TITLE:** Information Technology Mobile Services

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	
<b>PROJECT MANAGER:</b>	Stevens	<b>I.D. LOCATION:</b>	
<b>ORIGINAL APPROVED DATE:</b>	5/23/2005	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$1,502,000

**DESCRIPTION OF PROJECT:**

This project will provide for the testing and integration of mobile data and information services to field staff members.

**JUSTIFICATION OF PROJECT:**

The Otay WD is implementing new work processes that will require field access to GIS data and support field automation such as GPS expansion. This project will ensure that the technology is appropriate and implemented in a planned and cost effective manner.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	25%		75%	100%
<b>TOTAL:</b>	25%		75%	100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$652	\$250	\$150	\$150	\$150	\$150		\$1,502

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2443**

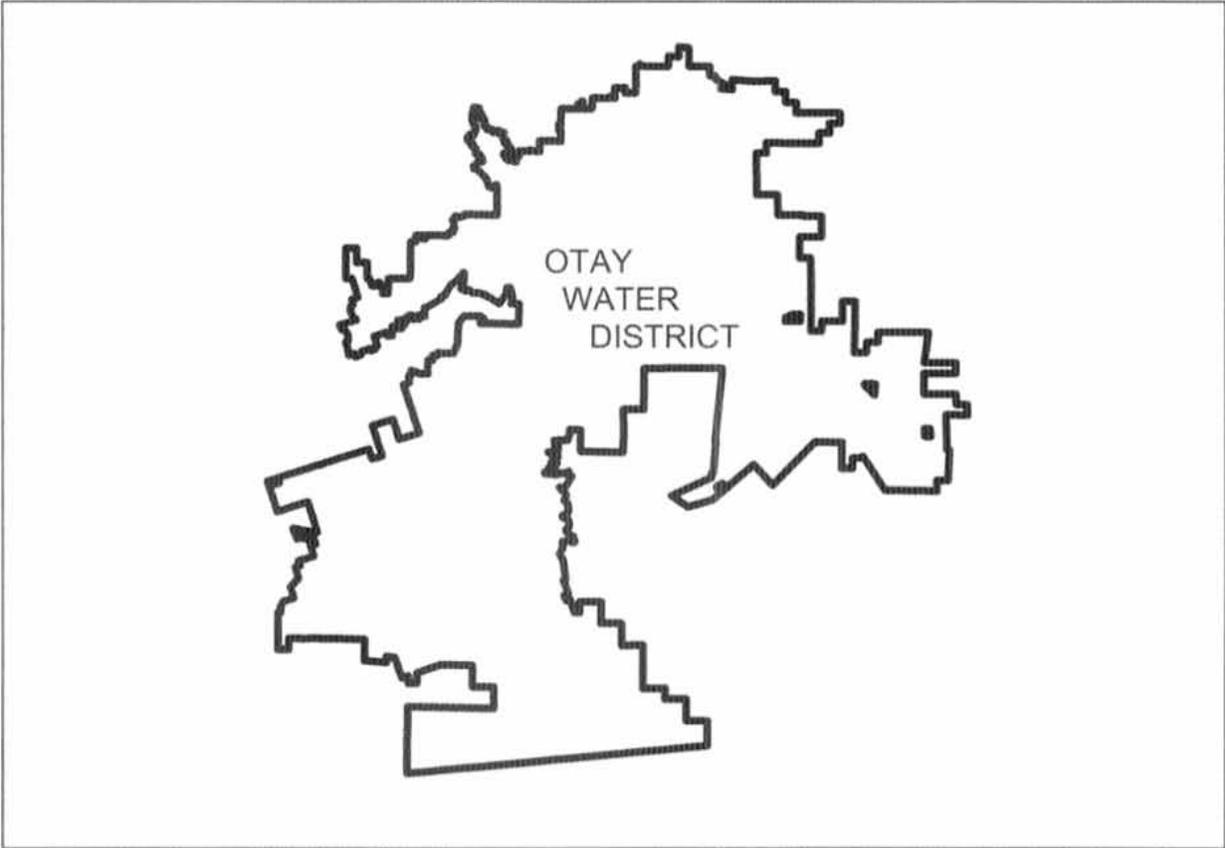
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/05	06/13
<b>DESIGN:</b>		
<b>CONSTRUCTION:</b>		

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$18,000	\$18,500	\$19,100	\$19,700	\$20,300	\$20,900	\$116,500

**PROJECT LOCATION:**      **Thomas Bros. Map:** District Wide      **OWD Map Book:** District Wide



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2461**

**PROJECT TITLE: Records Management System Upgrade**

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	
<b>PROJECT MANAGER:</b>	Jenkins	<b>I.D. LOCATION:</b>	
<b>ORIGINAL APPROVED DATE:</b>	5/29/2007	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$150,000

**DESCRIPTION OF PROJECT:**

This project will continue with the expansion of the current records management system to capture existing paper records, scan, categorize, and expand scanning capabilities to all Otay WD departments.

**JUSTIFICATION OF PROJECT:**

This project is required to achieve strategic objectives for business process improvements. Also, required to meet demands for business backup and recovery goals.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	25%		75%	100%
<b>TOTAL:</b>	25%		75%	100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$100	\$50						\$150

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2461**

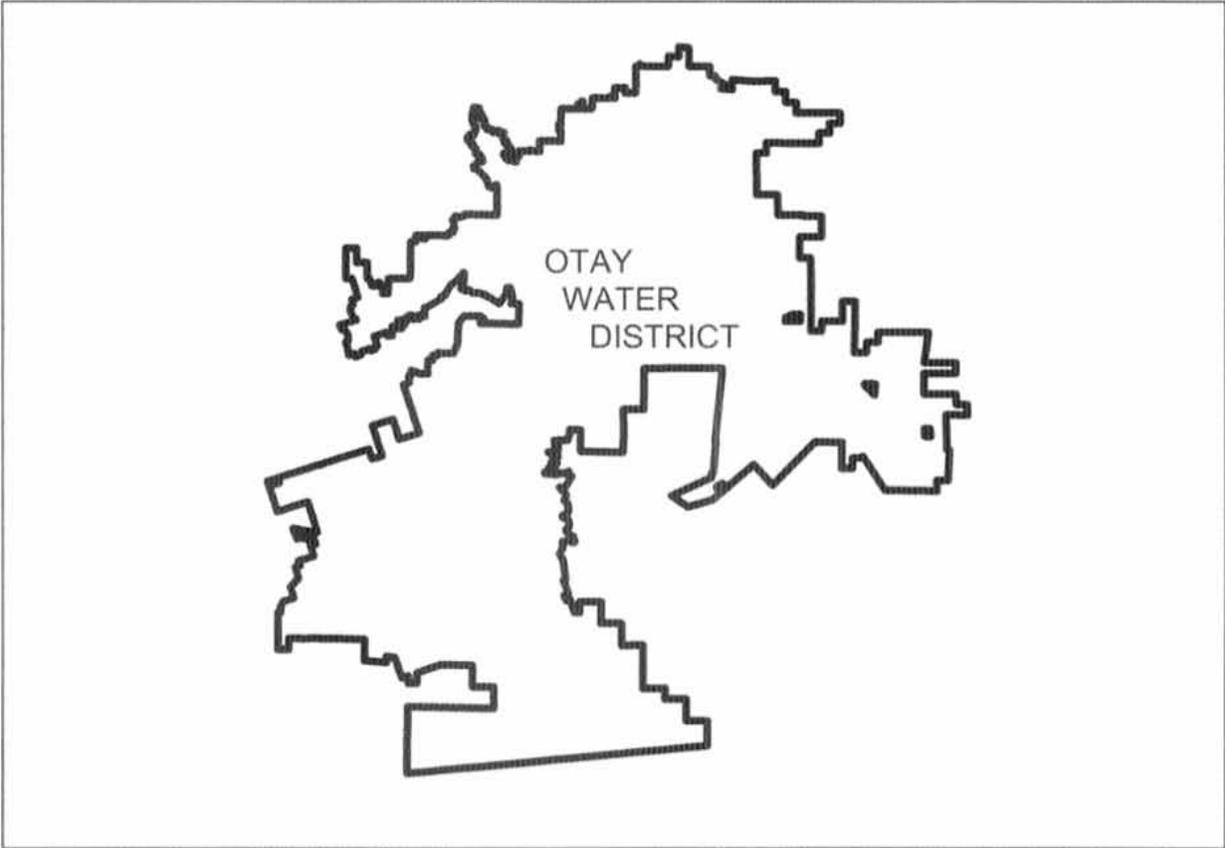
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/07	06/09
<b>DESIGN:</b>		
<b>CONSTRUCTION:</b>		

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>

**PROJECT LOCATION:**      **Thomas Bros. Map:** District Wide      **OWD Map Book:** District Wide



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2469**

**PROJECT TITLE:** Information Technology Network and Hardware

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	
<b>PROJECT MANAGER:</b>	Jenkins	<b>I.D. LOCATION:</b>	
<b>ORIGINAL APPROVED DATE:</b>		<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>	P2353	<b>BUDGET AMOUNT:</b>	\$1,900,000

**DESCRIPTION OF PROJECT:**

This project is to provide hardware and operating system improvements to the data center, network, and communications infrastructure.

**JUSTIFICATION OF PROJECT:**

The network facilities require additions of hardware and software to meet new demands. These needs support OIS, network switch, and servers.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund		40%	60%	100%
<b>TOTAL:</b>		40%	60%	100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
	\$500	\$300	\$200	\$300	\$300	\$300	\$1,900

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2469**

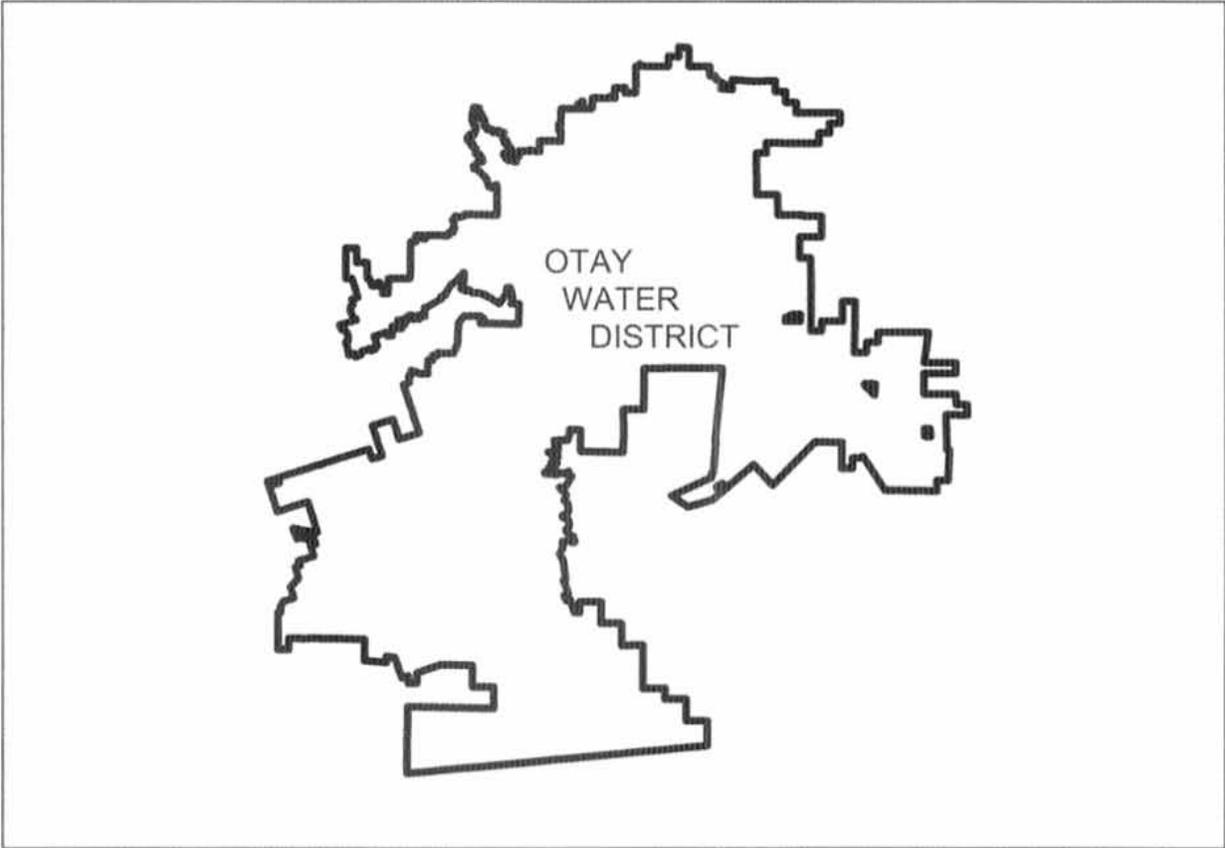
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/08	06/14
<b>DESIGN:</b>		
<b>CONSTRUCTION:</b>		

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>

**PROJECT LOCATION:**      **Thomas Bros. Map:** District Wide      **OWD Map Book:** District Wide





**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2470**

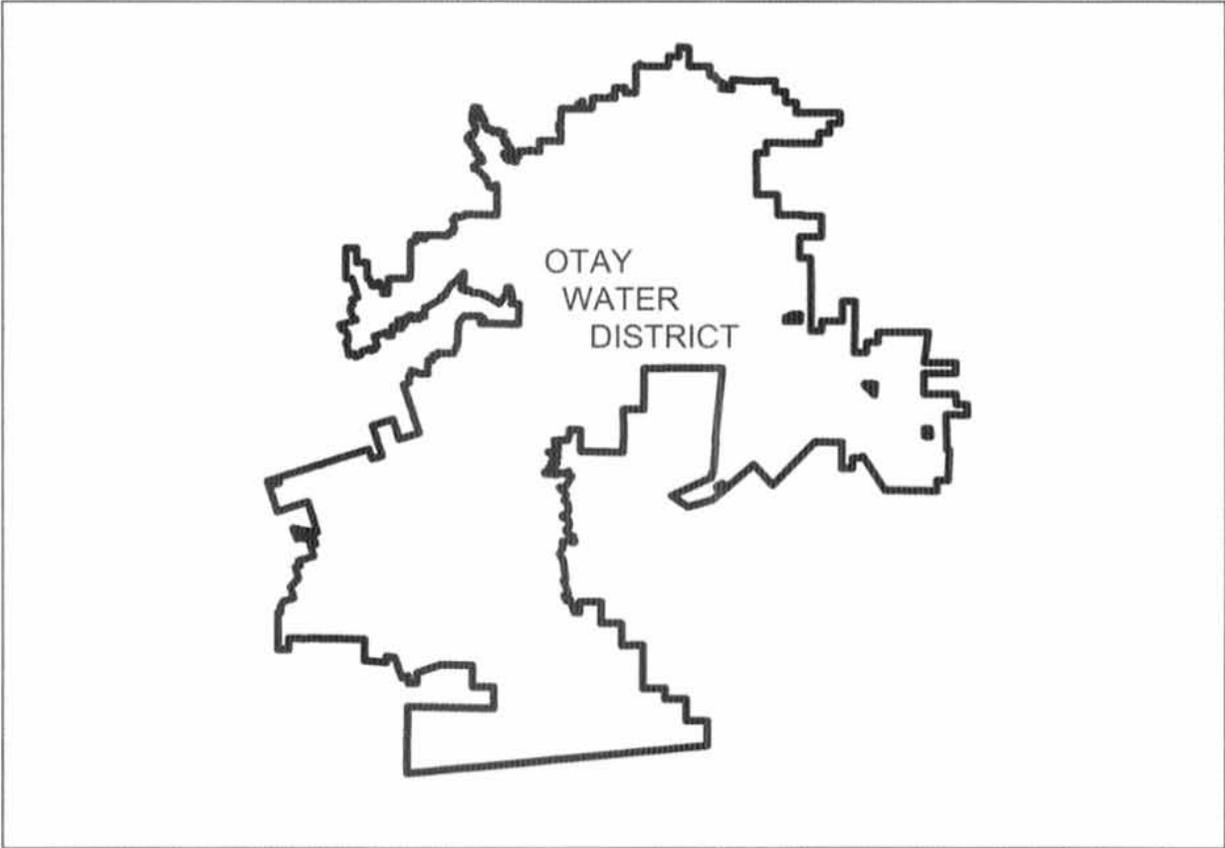
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/08	06/14
<b>DESIGN:</b>		
<b>CONSTRUCTION:</b>		

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>

**PROJECT LOCATION:**      **Thomas Bros. Map:** District Wide      **OWD Map Book:** District Wide



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2478**

**PROJECT TITLE: Administration Building Engine/Generator Set**

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	4
<b>PROJECT MANAGER:</b>	Anderson	<b>I.D. LOCATION:</b>	20
<b>ORIGINAL APPROVED DATE:</b>		<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$80,000

**DESCRIPTION OF PROJECT:**

This project is to provide funding for a new engine and generator package to provide backup electrical power for the Administration building. The existing Administration building engine and generator package will be relocated to provide backup electrical power for the Operations building.

**JUSTIFICATION OF PROJECT:**

The existing engine and generator package to provide backup electrical power for the Administration building is under sized for the electrical load requirements.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund			100%	100%
<b>TOTAL:</b>			100%	100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
	\$80						\$80

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2478**

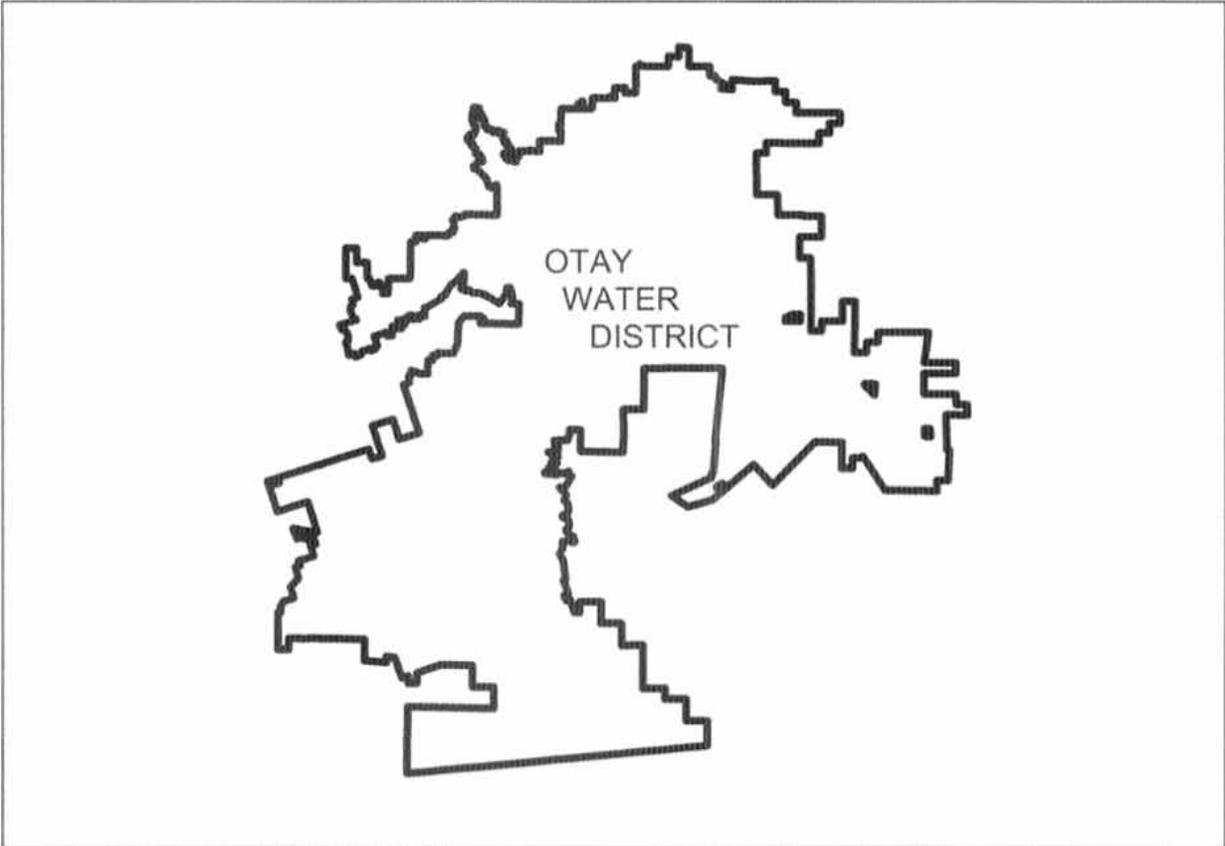
**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>		
<b>DESIGN:</b>		
<b>CONSTRUCTION:</b>	07/08	06/09

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>

**PROJECT LOCATION:**      **Thomas Bros. Map: 1291**      **OWD Map Book: 318**



# **Developer Reimbursement Projects**





**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2134**

**PROJECT TITLE:** PL - 16-Inch, 711 Zone, Birch Road - SR 125/EastLake

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	2
<b>PROJECT MANAGER:</b>	Charles	<b>I.D. LOCATION:</b>	22
<b>ORIGINAL APPROVED DATE:</b>	6/2/2004	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>	P2133, P2435	<b>BUDGET AMOUNT:</b>	\$210,000

**DESCRIPTION OF PROJECT:**

Construction of approximately 3,000 feet of 16-inch pipeline within the 711 Pressure Zone in Birch Road from State Route 125 to EastLake Parkway. This project will be constructed by the developer and is subject to reimbursement at actual cost per Board policy.

**JUSTIFICATION OF PROJECT:**

This project will provide transmission capacity for development of Otay Ranch and other areas within the 711 and higher pressure zones.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	100%			100%
<b>TOTAL:</b>	100%			100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
	\$200	\$10					\$210

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2134**

**PROJECT SCHEDULE:**

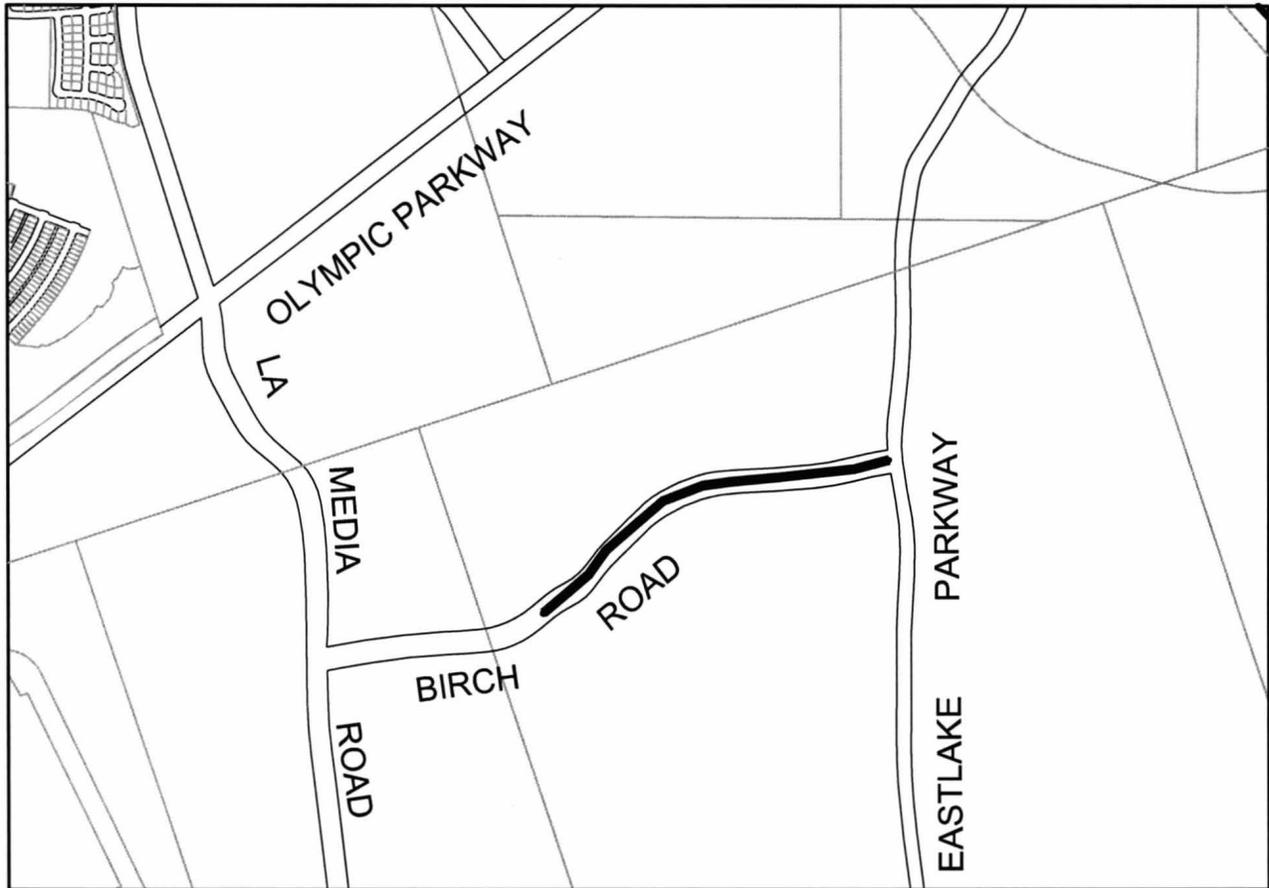
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/03	12/03
<b>DESIGN:</b>	01/04	07/04
<b>CONSTRUCTION:</b>	07/09	06/10

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>TOTAL</b>
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	
		\$1,000	\$1,000	\$1,000	\$1,000	\$4,000

**PROJECT LOCATION:** Thomas Bros. Map: 1331

**OWD Map Book: 84**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2414**

**PROJECT TITLE: PL - 12" to 16" Oversize, 803 Zone, Dehesa Road - Dehesa Meadow/OWD Bndy**

<b>WORK ORDER NO:</b>	Various	<b>DIRECTOR DIVISION:</b>	5
<b>PROJECT MANAGER:</b>	Charles	<b>I.D. LOCATION:</b>	20
<b>ORIGINAL APPROVED DATE:</b>	6/4/2003	<b>PRIORITY:</b>	1
<b>RELATED CIP PROJECTS:</b>		<b>BUDGET AMOUNT:</b>	\$153,000

**DESCRIPTION OF PROJECT:**

Construction of approximately 7,200 feet of 16-inch pipeline within the 803 Pressure Zone in Dehesa Road from the existing pipeline to the Otay WD boundary. This project will provide service to the Dehesa Elementary School site; it is a school project and is subject to reimbursement for the oversize portion at actual cost per Board policy.

**JUSTIFICATION OF PROJECT:**

This project is required to provide water service to the property along Dehesa Road and possibly to properties east of the existing Otay WD jurisdictional boundary.

**COMMENTS:**

See Work Order Nos. 9454 and 30087.

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	100%			100%
<b>TOTAL:</b>	100%			100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
\$143	\$10						\$153

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2414**

**PROJECT SCHEDULE:**

<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	08/02	12/02
<b>DESIGN:</b>	01/03	07/03
<b>CONSTRUCTION:</b>	08/03	06/09

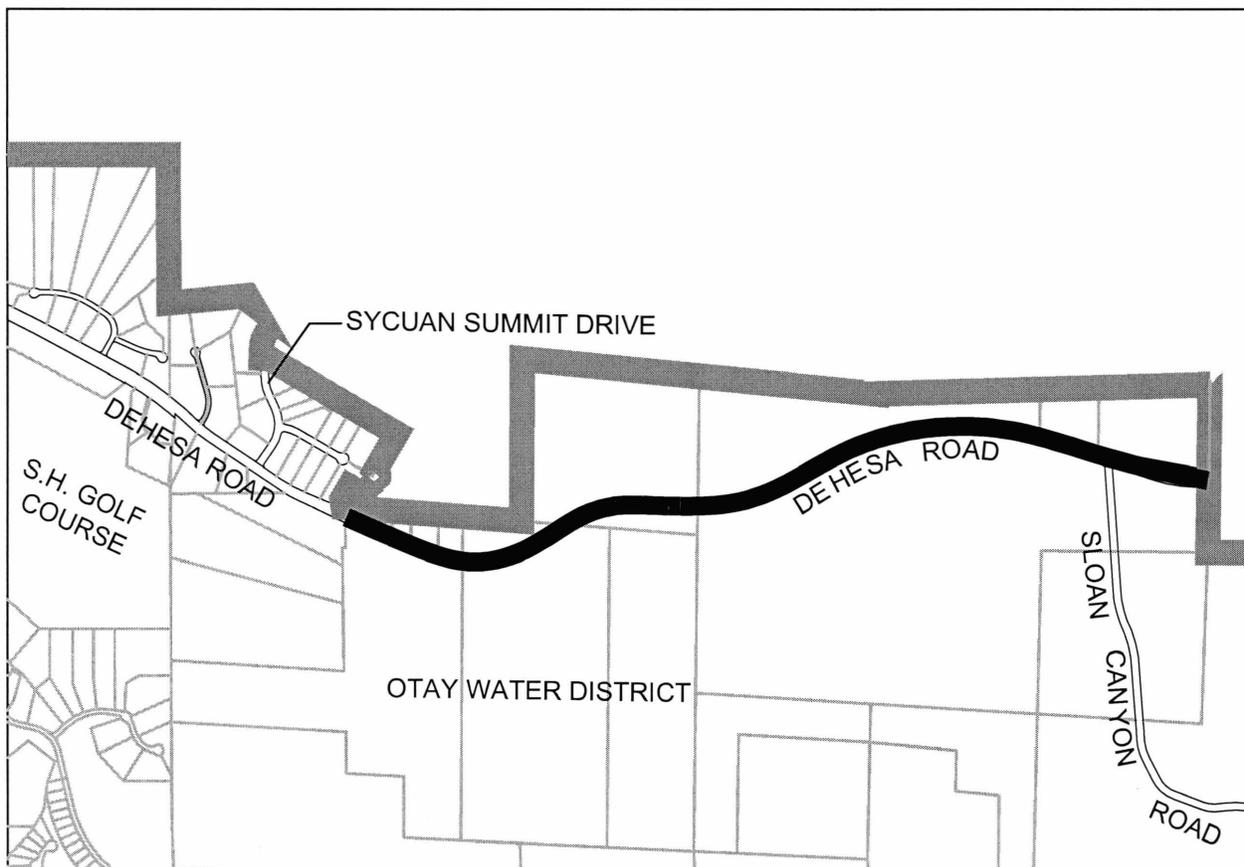
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>TOTAL</b>
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>		
	\$2,400	\$2,500	\$2,600	\$2,700	\$2,800		\$13,000

**PROJECT LOCATION:**

**Thomas Bros. Map: 1252**

**OWD Map Book: 380**



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2033**

**PROJECT TITLE:** RecPL - 12-Inch, 944 Zone, Birch Road - La Media/EastLake

<b>WORK ORDER NO:</b>	n/a	<b>DIRECTOR DIVISION:</b>	2
<b>PROJECT MANAGER:</b>	Charles	<b>I.D. LOCATION:</b>	22
<b>ORIGINAL APPROVED DATE:</b>	6/4/2003	<b>PRIORITY:</b>	2
<b>RELATED CIP PROJECTS:</b>	R2031	<b>BUDGET AMOUNT:</b>	\$330,000

**DESCRIPTION OF PROJECT:**

Construction of approximately 6,300 feet of 12-inch pipeline within the 944 Pressure Zone in Birch Road from La Media Road to EastLake Parkway. This project will be constructed by the developer and is subject to reimbursement at actual cost per Board policy.

**JUSTIFICATION OF PROJECT:**

This project will provide transmission capacity for development of Otay Ranch and other areas within the 944 Pressure Zone.

**COMMENTS:**

**FUND DETAIL:**

<b>FUNDING SOURCE:</b>	<b>Expansion</b>	<b>Betterment</b>	<b>Replacement</b>	<b>Total</b>
General Fund	100%			100%
<b>TOTAL:</b>	100%			100%

**EXPENDITURE SCHEDULE (X \$1000):**

<b>PRIOR YEARS:</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	
<b>TOTAL</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>TOTAL</b>
	\$330						\$330

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2033**

**PROJECT SCHEDULE:**

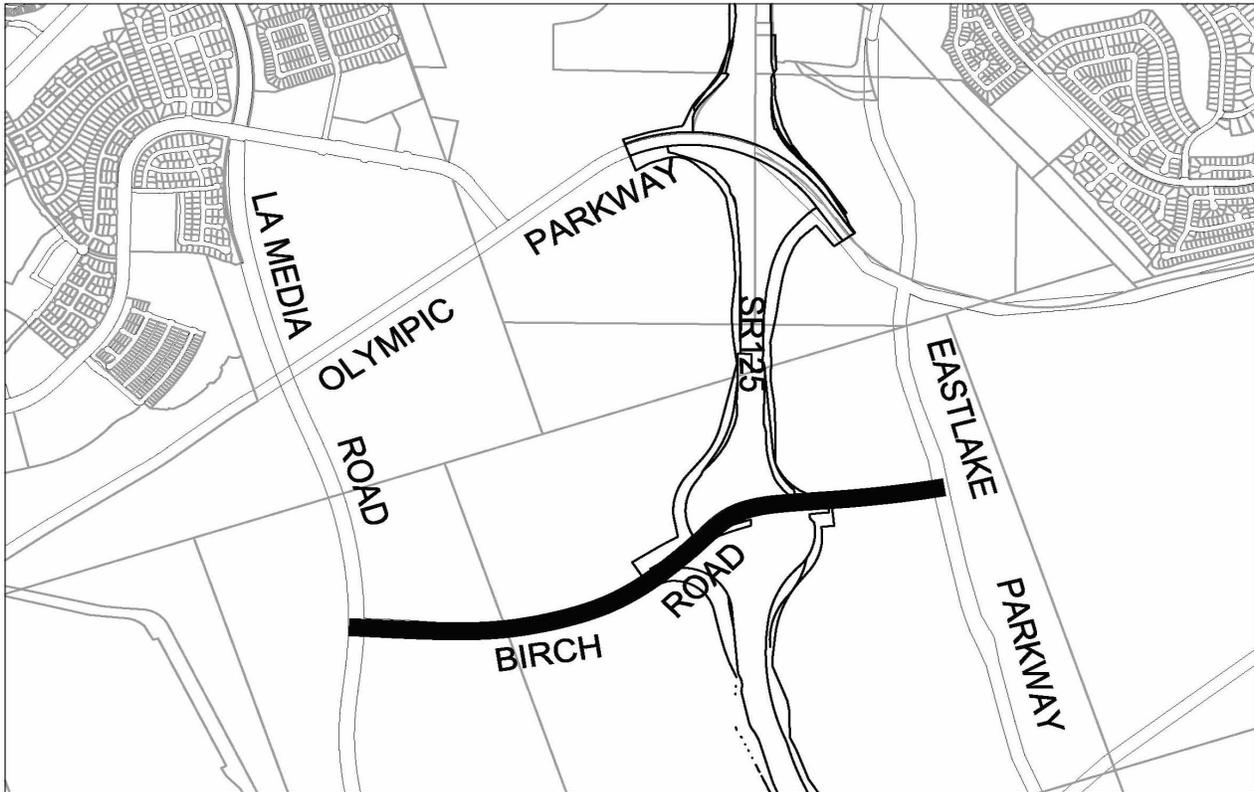
<b>PROJECT PHASE:</b>	<b>ESTIMATED START DATE:</b>	<b>ESTIMATED FINISH DATE:</b>
<b>PLANNING:</b>	07/03	11/04
<b>DESIGN:</b>	12/04	05/05
<b>CONSTRUCTION:</b>	06/05	06/09

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

<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>FY</b>	<b>TOTAL</b>
<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>		
	\$2,100	\$2,200	\$2,300	\$2,400	\$2,500		\$11,500

**PROJECT LOCATION:** Thomas Bros. Map: 1331

**OWD Map Book: 84**





## Otay Water District

2554 Sweetwater Springs Blvd.

Spring Valley, CA 91978-2006

[www.otaywater.gov](http://www.otaywater.gov)

