

# OTAY WATER DISTRICT

## Preliminary Operating and Capital Budget

Fiscal Year  
2010-2011



Spring Valley, CA





# Financial Summaries

---

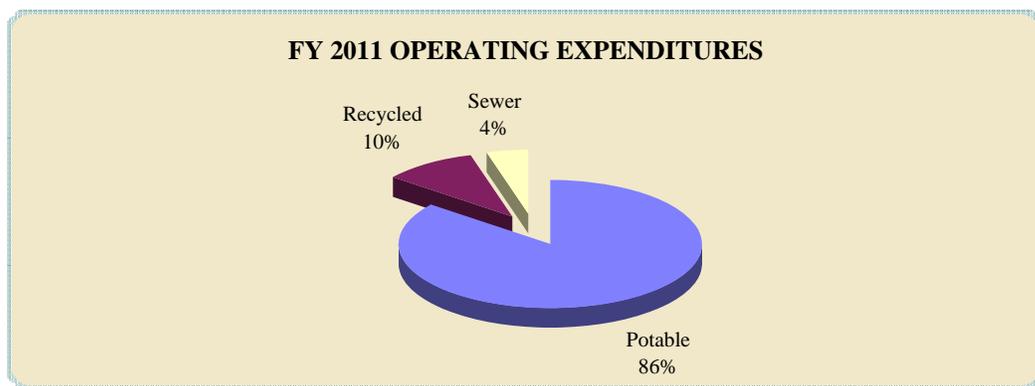


## Operating Budget Summary - General Fund

|                                    | FY 2009<br>Actual   | FY 2010<br>Budget | FY 2011<br>Budget | Budget<br>Variance | Variance<br>% |
|------------------------------------|---------------------|-------------------|-------------------|--------------------|---------------|
| <b>REVENUES</b>                    |                     |                   |                   |                    |               |
| Potable Water Sales                | \$ 46,160,394       | \$ 56,474,500     | \$ 56,333,900     | \$ (140,600)       | (0.2%)        |
| Recycled Water Sales               | 6,238,358           | 7,602,500         | 7,620,600         | 18,100             | 0.2%          |
| Sewer Revenues                     | 2,184,523           | 2,244,800         | 2,270,500         | 25,700             | 1.1%          |
| Meter Fees                         | 71,448              | 45,600            | 50,300            | 4,700              | 10.3%         |
| Capacity Fee Revenues              | 1,521,707           | 1,397,000         | 1,095,300         | (301,700)          | (21.6%)       |
| Betterment Fees for Maintenance    | 661,998             | 571,400           | 657,400           | 86,000             | 15.1%         |
| Annexation Fees                    | 392,349             | 120,500           | -                 | (120,500)          | (100.0%)      |
| Tax Revenues                       | 4,054,895           | 3,852,600         | 3,843,900         | (8,700)            | (0.2%)        |
| Non-operating Revenues             | 4,881,548           | 1,585,600         | 1,948,300         | 362,700            | 22.9%         |
| Interest                           | 377,829             | 322,900           | 296,200           | (26,700)           | (8.3%)        |
| Transfer from OPEB                 | -                   | 1,030,000         | 1,220,000         | 190,000            | 18.4%         |
| General Fund Draw Down             | -                   | 469,100           | 1,667,500         | 1,198,400          | 255.5%        |
| <b>TOTAL REVENUES</b>              | <b>66,545,049</b>   | <b>75,716,500</b> | <b>77,003,900</b> | <b>1,287,400</b>   | <b>1.7%</b>   |
| <b>EXPENDITURES</b>                |                     |                   |                   |                    |               |
| Potable Water Purchases            | 22,778,545          | 28,033,700        | 26,238,700        | (1,795,000)        | (6.4%)        |
| Recycled Water Purchases           | 1,299,976           | 1,312,000         | 1,179,900         | (132,100)          | (10.1%)       |
| CWA - Infrastructure Access Charge | 1,227,408           | 1,344,900         | 1,550,700         | 205,800            | 15.3%         |
| CWA - Customer Service Charge      | 1,049,470           | 1,148,800         | 1,315,200         | 166,400            | 14.5%         |
| CWA - Emergency Storage Charge     | 1,774,776           | 2,246,600         | 2,875,200         | 628,600            | 28.0%         |
| MWD - Capacity Reservation Charge  | 603,072             | 628,800           | 665,100           | 36,300             | 5.8%          |
| MWD - Net RTS and Standby Charges  | 665,087             | 1,140,700         | 1,232,400         | 91,700             | 8.0%          |
| Subtotal - Water Costs             | 29,398,334          | 35,855,500        | 35,057,200        | (798,300)          | (2.2%)        |
| Power                              | 2,905,101           | 2,637,100         | 2,520,700         | (116,400)          | (4.4%)        |
| Labor and Benefits                 | 16,440,651          | 17,212,800        | 16,749,400        | (463,400)          | (2.7%)        |
| Administrative Expenses            | 5,941,924           | 5,329,200         | 5,591,600         | 262,400            | 4.9%          |
| Materials & Maintenance            | 3,482,653           | 3,801,600         | 3,769,500         | (32,100)           | (0.8%)        |
| Expansion Reserve                  | 5,016,700           | 1,610,000         | 2,775,000         | 1,165,000          | 72.4%         |
| Betterment Reserve                 | -                   | 3,810,000         | 1,435,000         | (2,375,000)        | (62.3%)       |
| Replacement Reserve                | 277,900             | 3,660,000         | 6,965,000         | 3,305,000          | 90.3%         |
| Transfer to Sewer General Fund     | -                   | 200,000           | -                 | (200,000)          | (100.0%)      |
| Transfer Out - Prop 1A             | -                   | 270,300           | -                 | (270,300)          | (100.0%)      |
| Transfer to General Fund Reserve   | -                   | 1,330,000         | 390,500           | (939,500)          | (70.6%)       |
| Transfer to Sewer Replacement      | -                   | -                 | 1,750,000         | 1,750,000          |               |
| <b>TOTAL EXPENDITURES</b>          | <b>63,463,263</b>   | <b>75,716,500</b> | <b>77,003,900</b> | <b>1,287,400</b>   | <b>1.7%</b>   |
| <b>EXCESS REVENUES (EXPENSE)</b>   | <b>\$ 3,081,786</b> | <b>\$ -</b>       | <b>\$ -</b>       | <b>\$ -</b>        | <b>0.0%</b>   |

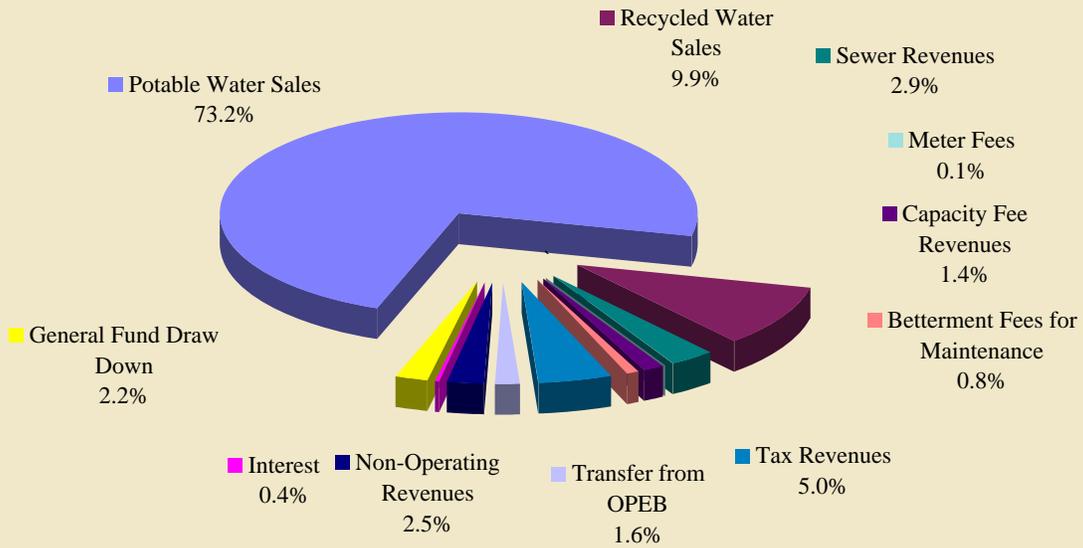
# FY 2011 Operating Budget Summary by System

|                                    | Potable           | Recycled         | Sewer            | Total             |
|------------------------------------|-------------------|------------------|------------------|-------------------|
| <b>REVENUES</b>                    |                   |                  |                  |                   |
| Water Sales                        | \$ 56,333,900     | \$ -             | \$ -             | \$ 56,333,900     |
| Recycled Water Sales               | -                 | 7,620,600        | -                | 7,620,600         |
| Sewer Revenues                     | -                 | -                | 2,270,500        | 2,270,500         |
| Meter Fees                         | 40,200            | 10,100           | -                | 50,300            |
| Capacity Fee Revenues              | 1,095,300         | -                | -                | 1,095,300         |
| Betterment Fees for Maintenance    | 657,400           | -                | -                | 657,400           |
| Tax Revenues                       | 3,792,500         | -                | 51,400           | 3,843,900         |
| Non-operating Revenues             | 1,919,200         | -                | 29,100           | 1,948,300         |
| Interest                           | 256,600           | 12,400           | 27,200           | 296,200           |
| Transfer from OPEB                 | 1,220,000         | -                | -                | 1,220,000         |
| General Fund Draw Down             | 672,900           | -                | 994,600          | 1,667,500         |
| <b>TOTAL REVENUES</b>              | <b>65,988,000</b> | <b>7,643,100</b> | <b>3,372,800</b> | <b>77,003,900</b> |
| <b>EXPENDITURES</b>                |                   |                  |                  |                   |
| Water Purchases (CWA)              | 26,238,700        | -                | -                | 26,238,700        |
| Water Purchases (CSD)              | -                 | 1,179,900        | -                | 1,179,900         |
| CWA - Infrastructure Access Charge | 1,550,700         | -                | -                | 1,550,700         |
| CWA - Customer Service Charge      | 1,315,200         | -                | -                | 1,315,200         |
| CWA - Emergency Storage Charge     | 2,875,200         | -                | -                | 2,875,200         |
| MWD - Capacity Reservation Charge  | 665,100           | -                | -                | 665,100           |
| MWD - Net RTS and Standby Charges  | 1,232,400         | -                | -                | 1,232,400         |
| Subtotal - Water Costs             | 33,877,300        | 1,179,900        | -                | 35,057,200        |
| Power                              | 1,915,900         | 529,800          | 75,000           | 2,520,700         |
| Labor and Benefits                 | 14,951,000        | 1,086,800        | 711,600          | 16,749,400        |
| Administrative Expenses            | 4,607,200         | 343,100          | 641,300          | 5,591,600         |
| Materials & Maintenance            | 2,046,600         | 303,000          | 1,419,900        | 3,769,500         |
| Expansion Reserve                  | -                 | 2,775,000        | -                | 2,775,000         |
| Betterment Reserve                 | -                 | 315,000          | 1,120,000        | 1,435,000         |
| Replacement Reserve                | 6,245,000         | 720,000          | -                | 6,965,000         |
| Transfer to Sewer GF               | 595,000           | -                | (595,000)        | -                 |
| Transfer to GF Reserve             | -                 | 390,500          | -                | 390,500           |
| Transfer to Sewer Replacement      | 1,750,000         | -                | -                | 1,750,000         |
| <b>TOTAL EXPENDITURES</b>          | <b>65,988,000</b> | <b>7,643,100</b> | <b>3,372,800</b> | <b>77,003,900</b> |
| <b>EXCESS REVENUES</b>             | <b>\$ -</b>       | <b>\$ -</b>      | <b>\$ -</b>      | <b>\$ -</b>       |

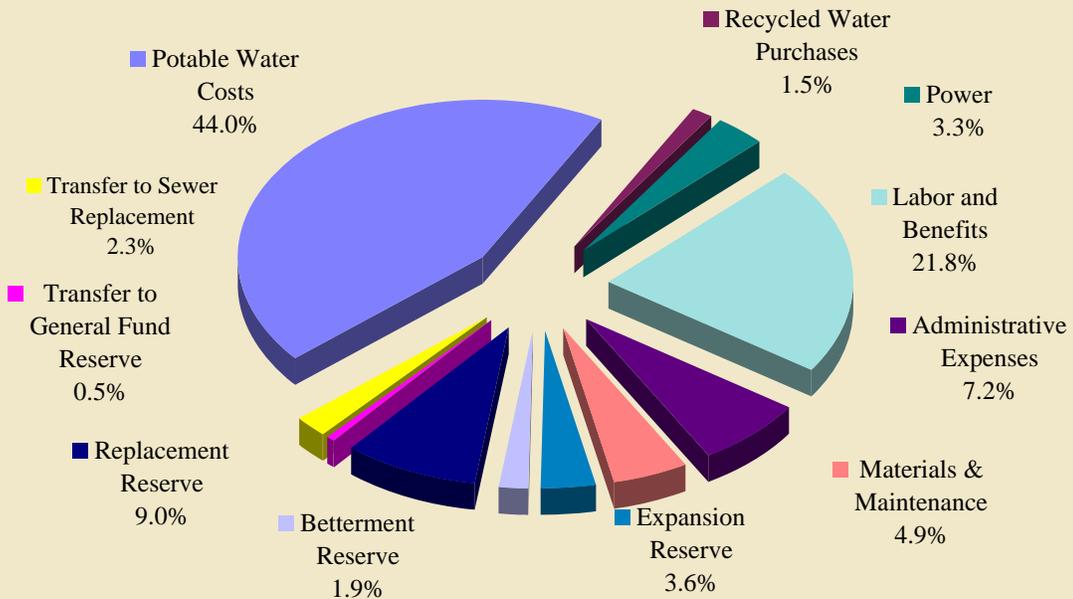


# Operating Revenues and Expenditures

## FY 2011 OPERATING REVENUES



## FY 2011 OPERATING EXPENDITURES







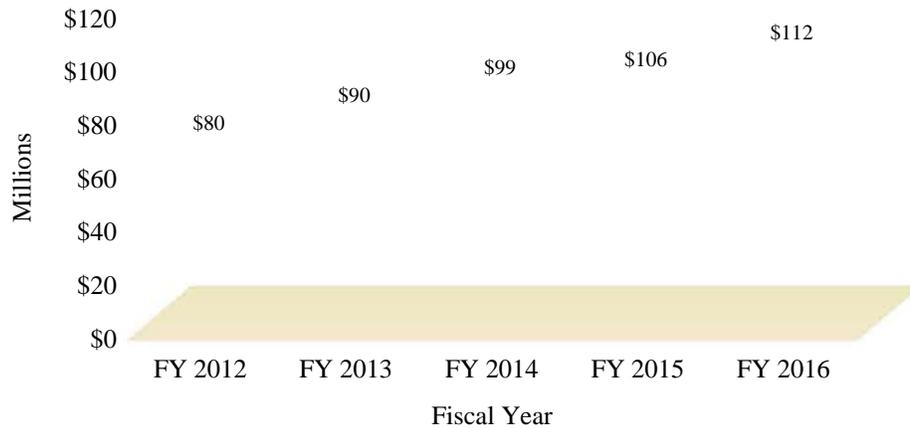
# Five-Year Forecast

---



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

### REVENUES AND EXPENDITURES FORECAST

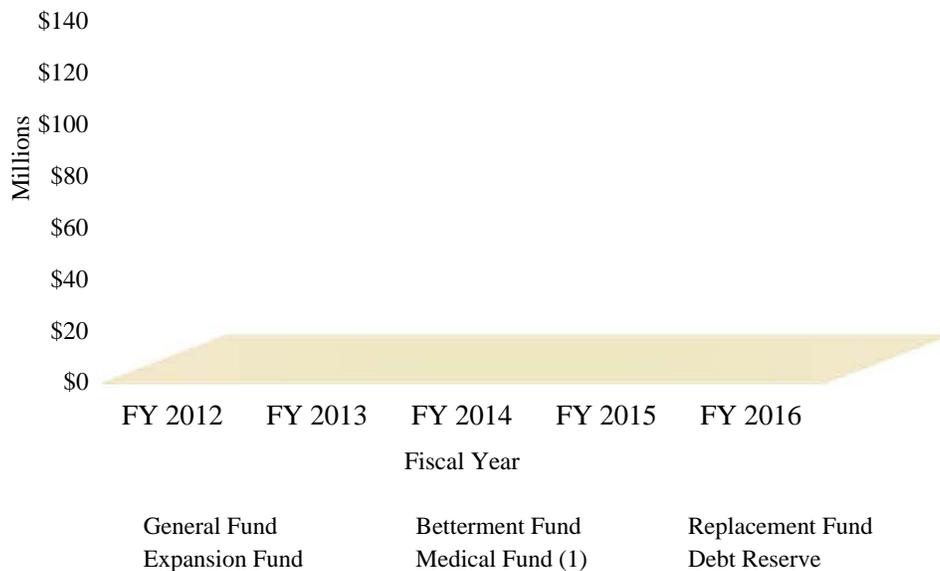


#### Revenues Expenditures

| <b>Revenues</b>                   | <b>FY 2012</b>       | <b>FY 2013</b>       | <b>FY 2014</b>       | <b>FY 2015</b>        | <b>FY 2016</b>        |
|-----------------------------------|----------------------|----------------------|----------------------|-----------------------|-----------------------|
| Water/Sewer Rates                 | \$ 72,096,400        | \$ 81,347,700        | \$ 89,798,300        | \$ 95,301,000         | \$ 100,669,900        |
| Meter Fees                        | 39,600               | 75,900               | 391,500              | 535,800               | 620,700               |
| Capacity Fee Revenues             | 1,100,800            | 1,111,800            | 1,122,900            | 1,134,100             | 1,145,400             |
| Betterment Fees                   | 660,700              | 667,300              | 674,000              | 680,700               | 687,500               |
| Annexation Fees                   | 76,100               | 274,200              | 403,500              | 436,400               | 342,400               |
| Non-operating Revenues            | 1,983,700            | 2,024,100            | 2,069,100            | 2,117,900             | 2,166,300             |
| Tax Revenues                      | 3,850,600            | 3,929,400            | 4,017,000            | 4,211,500             | 4,412,900             |
| Interest Income                   | 381,400              | 559,800              | 834,200              | 1,359,100             | 2,394,300             |
| General Fund Draw Down            | 279,800              | 149,500              | 37,500               | (58,900)              | -                     |
| <b>TOTAL</b>                      | <b>\$ 80,469,100</b> | <b>\$ 90,139,700</b> | <b>\$ 99,348,000</b> | <b>\$ 105,717,600</b> | <b>\$ 112,439,400</b> |
| <b>Expenditures and Transfers</b> |                      |                      |                      |                       |                       |
| Water Cost                        | \$ 39,427,100        | \$ 44,868,700        | \$ 51,070,200        | \$ 56,122,300         | \$ 61,077,300         |
| Power                             | 2,640,200            | 2,632,900            | 2,821,100            | 3,045,900             | 3,268,900             |
| Labor and Benefits                | 17,763,800           | 18,373,200           | 19,076,000           | 19,909,600            | 20,746,200            |
| Administrative Expenses           | 5,633,000            | 5,796,100            | 5,961,100            | 6,126,500             | 6,297,400             |
| Materials & Maintenance           | 3,881,400            | 3,997,900            | 4,160,600            | 4,330,200             | 4,506,600             |
| Fund Transfers, Net               | 11,123,600           | 14,470,900           | 16,259,000           | 16,183,100            | 16,543,000            |
| <b>TOTAL</b>                      | <b>\$ 80,469,100</b> | <b>\$ 90,139,700</b> | <b>\$ 99,348,000</b> | <b>\$ 105,717,600</b> | <b>\$ 112,439,400</b> |
| <b>Excess Revenues</b>            | <b>\$ -</b>          | <b>\$ -</b>          | <b>\$ -</b>          | <b>\$ -</b>           | <b>\$ -</b>           |

| <b>Fund</b>                 | <b>FY 2012</b>        | <b>FY 2013 *</b>     | <b>FY 2014</b>       | <b>FY 2015 *</b>     | <b>FY 2016</b>        |
|-----------------------------|-----------------------|----------------------|----------------------|----------------------|-----------------------|
| General Fund                | \$ 17,867,000         | \$ 20,014,400        | \$ 22,531,900        | \$ 46,780,500        | \$ 75,327,900         |
| Betterment Fund             | 22,152,600            | 9,504,300            | 4,555,000            | 1,644,700            | 1,662,200             |
| Replacement Fund            | 33,376,200            | 33,429,200           | 36,983,900           | 37,886,200           | 38,379,400            |
| Expansion Fund              | 24,452,600            | 11,409,100           | 6,735,200            | 5,144,800            | 5,142,600             |
| Medical Fund <sup>(1)</sup> | 2,300,500             | 518,500              | 539,200              | 560,800              | 583,200               |
| Debt Reserve                | 1,024,300             | 834,800              | 671,800              | 536,000              | 393,300               |
| <b>TOTAL</b>                | <b>\$ 101,173,200</b> | <b>\$ 75,710,300</b> | <b>\$ 72,017,000</b> | <b>\$ 92,553,000</b> | <b>\$ 121,488,600</b> |

### FUND BALANCES FORECAST



\* Increase in Fund Total due to bond issuances in FY 2012 and FY 2014

<sup>(1)</sup> Medical Fund decreases as the OPEB Trust is funded.



# Revenues and Expenditures



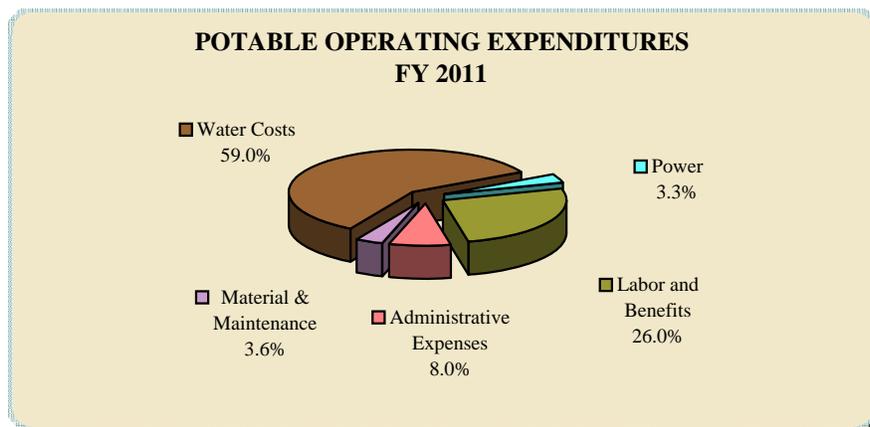


# **Potable Revenues and Expenses**



## Operating Budget Summary - Potable

|                                    | FY 2009<br>Actual   | FY 2010<br>Budget | FY 2011<br>Budget | Budget<br>Variance | Variance<br>% |
|------------------------------------|---------------------|-------------------|-------------------|--------------------|---------------|
| <b>REVENUES</b>                    |                     |                   |                   |                    |               |
| Water Sales                        | \$ 46,160,394       | \$ 56,474,500     | \$ 56,333,900     | \$ (140,600)       | (0.2%)        |
| Meter Fees                         | 53,112              | 25,600            | 40,200            | 14,600             | 57.0%         |
| Capacity Fee Revenues              | 1,516,260           | 1,397,000         | 1,095,300         | (301,700)          | (21.6%)       |
| Betterment Fees for Maintenance    | 661,998             | 571,400           | 657,400           | 86,000             | 15.1%         |
| Annexation Fees                    | 392,349             | 120,500           | -                 | (120,500)          | (100.0%)      |
| Tax Revenues                       | 4,004,135           | 3,802,300         | 3,792,500         | (9,800)            | (0.3%)        |
| Non-operating Revenues             | 4,847,207           | 1,556,500         | 1,919,200         | 362,700            | 23.3%         |
| Interest                           | 332,633             | 286,400           | 256,600           | (29,800)           | (10.4%)       |
| Transfer from OPEB                 | -                   | 1,030,000         | 1,220,000         | 190,000            | 18.4%         |
| <b>TOTAL REVENUES</b>              | <b>57,968,090</b>   | <b>65,264,200</b> | <b>65,988,000</b> | <b>723,800</b>     | 1.1%          |
| <b>EXPENDITURES</b>                |                     |                   |                   |                    |               |
| Water Purchases (CWA)              | 22,872,115          | 28,033,700        | 26,238,700        | (1,795,000)        | (6.4%)        |
| Water Purchases (CSD)              | (95,671)            | -                 | -                 | -                  | 0.0%          |
| Tier II Purchases                  | 2,101               | -                 | -                 | -                  | 0.0%          |
| CWA - Infrastructure Access Charge | 1,227,408           | 1,344,900         | 1,550,700         | 205,800            | 15.3%         |
| CWA - Customer Service Charge      | 1,049,470           | 1,148,800         | 1,315,200         | 166,400            | 14.5%         |
| CWA - Emergency Storage Charge     | 1,774,776           | 2,246,600         | 2,875,200         | 628,600            | 28.0%         |
| MWD - Capacity Reservation Charge  | 603,072             | 628,800           | 665,100           | 36,300             | 5.8%          |
| MWD - Net RTS and Standby Charges  | 665,087             | 1,140,700         | 1,232,400         | 91,700             | 8.0%          |
| Subtotal - Water Costs             | 28,098,358          | 34,543,500        | 33,877,300        | (666,200)          | (1.9%)        |
| Power                              | 2,343,830           | 2,033,400         | 1,915,900         | (117,500)          | (5.8%)        |
| Labor and Benefits                 | 14,701,967          | 15,111,000        | 14,951,000        | (160,000)          | (1.1%)        |
| Administrative Expenses            | 5,465,351           | 4,555,000         | 4,607,200         | 52,200             | 1.1%          |
| Material & Maintenance             | 1,923,210           | 2,127,500         | 2,046,600         | (80,900)           | (3.8%)        |
| Expansion Reserve                  | 2,586,700           | -                 | -                 | -                  | 0.0%          |
| Betterment Reserve                 | -                   | 3,700,000         | -                 | (3,700,000)        | (100.0%)      |
| Replacement Reserve                | -                   | 2,710,000         | 6,245,000         | 3,535,000          | 130.4%        |
| Transfer to Potable General Fund   | -                   | 13,500            | -                 | (13,500)           | (100.0%)      |
| Transfer to Sewer General Fund     | -                   | 200,000           | 595,000           | 395,000            | 197.5%        |
| Transfer Out/In Prop 1A            | -                   | 270,300           | -                 | (270,300)          | (100.0%)      |
| Transfer to Sewer Replacement      | -                   | -                 | 1,750,000         | 1,750,000          | 100.0%        |
| <b>TOTAL EXPENDITURES</b>          | <b>55,119,417</b>   | <b>65,264,200</b> | <b>65,988,000</b> | <b>723,800</b>     | 1.1%          |
| <b>EXCESS REVENUES (EXPENSES)</b>  | <b>\$ 2,848,673</b> | <b>\$ -</b>       | <b>\$ -</b>       | <b>\$ -</b>        | 0.0%          |



## Classification of Water Sales - Potable

|                            | <b>FY 2010<br/>Budget</b>   | <b>FY 2011<br/>Budget</b>   | <b>Variance</b>            |
|----------------------------|-----------------------------|-----------------------------|----------------------------|
| <b><u>Water Sales:</u></b> |                             |                             |                            |
| Water Sales                | \$ 37,870,000               | \$ 36,560,100               | \$ (1,309,900)             |
| System Fees                | 9,408,000                   | 9,532,200                   | 124,200                    |
| Energy Fees                | 1,981,200                   | 1,854,600                   | (126,600)                  |
| MWD and CWA Fixed Fees     | 6,511,200                   | 7,639,400                   | 1,128,200                  |
| Penalties                  | 704,100                     | 747,600                     | 43,500                     |
| <b>Total</b>               | <b><u>\$ 56,474,500</u></b> | <b><u>\$ 56,333,900</u></b> | <b><u>\$ (140,600)</u></b> |

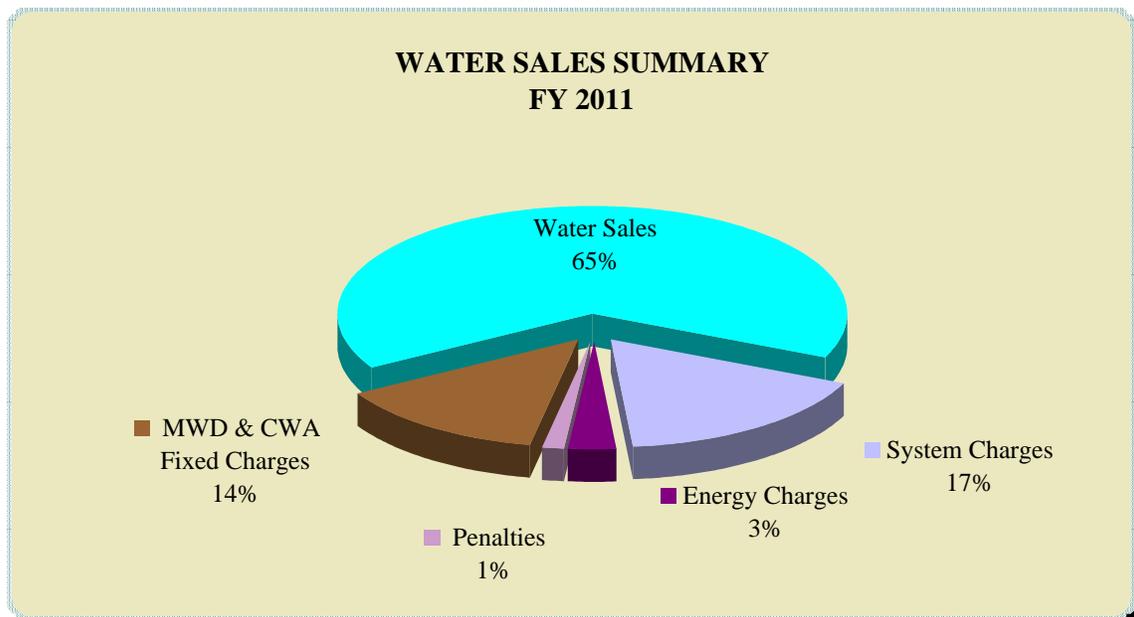
*Water Sales : Unit Sales x Rate*

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

*Energy Charges : Energy pumping fee of \$0.044 per unit of water for each 100 feet of lift or fraction thereof above the base elevation of 450 feet.*

*MWD and CWA Fixed Fees : Fixed monthly fee based on meter size a passed-through costs directly from water providers MWD & CWA.*

*Penalties : Late charges, locks , etc.*

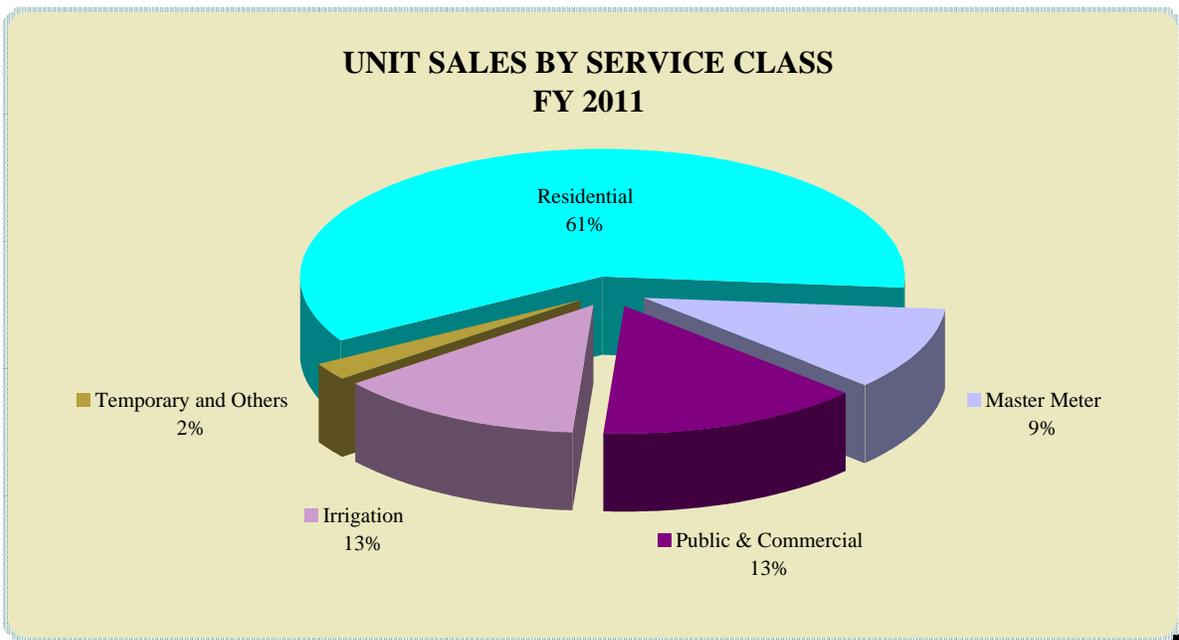


## Water Sales Summary by Service Class - Potable

|                                  | Accounts      | Fiscal Year 2011 Sales Budget |                      | Current Rates  | Proposed* Rates   |
|----------------------------------|---------------|-------------------------------|----------------------|----------------|-------------------|
|                                  |               | Units                         | Amount               |                |                   |
| Residential                      | 43,694        | 7,776,400                     | \$ 21,545,700        | \$ 2.66        | \$ 2.77 **        |
| Master Meter                     | 805           | 1,358,800                     | 3,836,100            | 2.69           | 2.82 **           |
| Public & Commercial              | 1,515         | 1,857,100                     | 4,378,600            | 2.25           | 2.36 **           |
| Irrigation                       | 1,212         | 1,739,700                     | 5,510,400            | 3.06           | 3.17 **           |
| Temporary and Others             | 115           | 280,500                       | 895,800              | 3.06           | 3.19 **           |
| <b>Total Potable Water Sales</b> | <b>47,341</b> | <b>13,012,500</b>             | <b>\$ 36,166,600</b> | <b>\$ 2.67</b> | <b>\$ 2.78</b>    |
| <b>Government Fee</b>            | <b>-</b>      | <b>-</b>                      | <b>393,500</b>       | <b>0.29</b>    | <b>0.29</b>       |
|                                  | <b>47,341</b> | <b>13,012,500</b>             | <b>\$ 36,560,100</b> | <b>\$ 2.96</b> | <b>\$ 3.07 **</b> |

\*Proposed rates effective January 1, 2011.

\*\*Based on average rate.

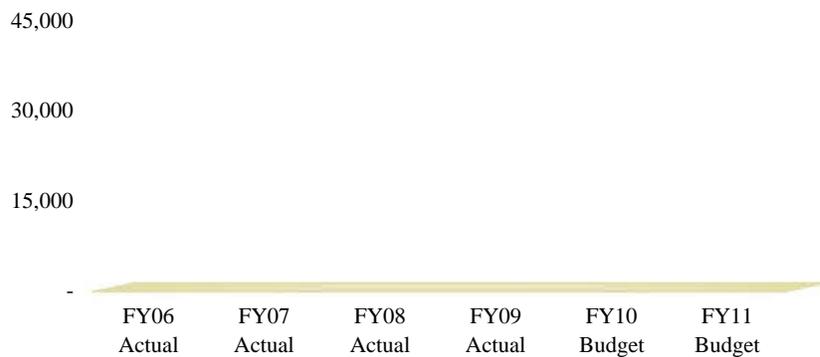


|                                | <b>FY 2006</b> | <b>Actual<br/>FY 2007</b> | <b>FY 2008</b> | <b>FY 2009</b> | <b>Budget<br/>FY 2010</b> | <b>Budget<br/>FY 2011</b> |
|--------------------------------|----------------|---------------------------|----------------|----------------|---------------------------|---------------------------|
| <b>Residential</b>             | 9,668,100      | 9,713,112                 | 9,402,189      | 8,881,191      | 8,713,200                 | 7,776,400                 |
| <b>Master Meters</b>           | 1,198,200      | 1,434,040                 | 1,445,634      | 1,430,235      | 1,364,500                 | 1,358,800                 |
| <b>Public &amp; Commercial</b> | 1,902,500      | 1,886,006                 | 1,859,226      | 1,938,215      | 1,893,200                 | 1,857,100                 |
| <b>Irrigation</b>              | 2,174,336      | 2,329,790                 | 2,301,699      | 2,183,823      | 2,072,600                 | 1,739,700                 |
| <b>Temporary and Others</b>    | 689,000        | 696,516                   | 566,920        | 490,297        | 461,400                   | 280,500                   |
| <b>Total</b>                   | 15,632,136     | 16,059,464                | 15,575,668     | 14,923,761     | 14,504,900                | 13,012,500                |



| Service Class                       | Meter Size | Budgeted System Fees |             |          |          |                     |                  |                     |
|-------------------------------------|------------|----------------------|-------------|----------|----------|---------------------|------------------|---------------------|
|                                     |            | Meter Count          |             | Current  | Current  | Existing            | Additional       | Total               |
|                                     |            | 6/30/2010            | FY11 Growth | Rates    | Rates    | Meters              | Meters           | Meters              |
| <b>All Service Types</b>            | 0.75       | 43,300               | 104         | \$ 14.58 | \$ 14.58 | \$ 7,575,800        | \$ 18,200        | \$ 7,594,000        |
|                                     | 1.00       | 1,740                | 19          | 18.52    | 18.52    | 386,700             | 4,200            | 390,900             |
|                                     | 1.50       | 922                  | -           | 28.37    | 28.37    | 313,900             | -                | 313,900             |
|                                     | 2.00       | 1,100                | 4           | 40.18    | 40.18    | 530,400             | 1,900            | 532,300             |
|                                     | 3.00       | 71                   | -           | 71.68    | 71.68    | 61,100              | -                | 61,100              |
|                                     | 4.00       | 180                  | -           | 107.13   | 107.13   | 231,400             | -                | 231,400             |
|                                     | 6.00       | 21                   | 1           | 205.59   | 205.59   | 51,800              | 2,500            | 54,300              |
|                                     | 8.00       | -                    | -           | 323.73   | 323.73   | -                   | -                | -                   |
|                                     | 10.00      | 7                    | -           | 461.57   | 461.57   | 38,800              | -                | 38,800              |
| <b>Fire Services</b>                | Various    | 591                  | -           | 30.11    | 30.11    | 213,500             | -                | 213,500             |
| <b>Turn Over Fees</b>               |            |                      |             | 10.00    | 10.00    | 102,000             | -                | 102,000             |
| <b>Budgeted Potable System Fees</b> |            | <b>47,932</b>        | <b>128</b>  |          |          | <b>\$ 9,505,400</b> | <b>\$ 26,800</b> | <b>\$ 9,532,200</b> |

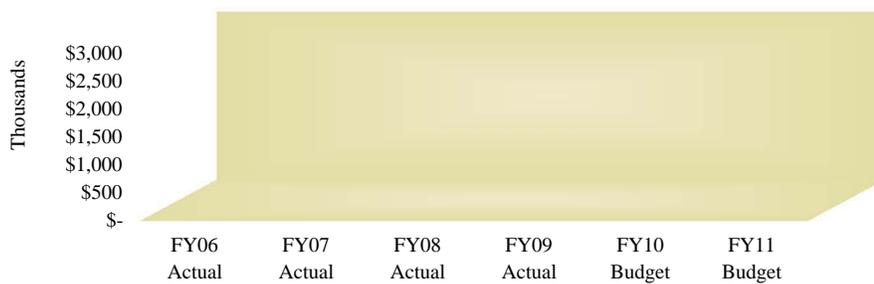
### METER COUNT HISTORY



| Classification    | Meter | Meter Count   |             | Current | Proposed* | Budgeted MWD & CWA - Fixed Charges |                  |                     |
|-------------------|-------|---------------|-------------|---------|-----------|------------------------------------|------------------|---------------------|
|                   | Size  | 6/30/2010     | FY11 Growth | Rates   | Rates     | Existing                           | Growth           | Total               |
| All Service Types | 0.75  | 43,189        | 104         | \$ 9.77 | \$ 11.82  | \$ 5,594,700                       | \$ 72,300        | \$ 5,667,000        |
|                   | 1.00  | 1,712         | 19          | 16.28   | 19.69     | 369,500                            | 4,400            | 373,900             |
|                   | 1.50  | 916           | -           | 32.61   | 39.44     | 396,000                            | -                | 396,000             |
|                   | 2.00  | 1,094         | 4           | 52.15   | 63.07     | 756,300                            | 1,600            | 757,900             |
|                   | 3.00  | 71            | -           | 104.30  | 126.14    | 98,200                             | -                | 98,200              |
|                   | 4.00  | 91            | -           | 162.98  | 197.11    | 196,600                            | -                | 196,600             |
|                   | 6.00  | 18            | 1           | 325.92  | 394.17    | 77,800                             | 2,400            | 80,200              |
|                   | 8.00  | -             | -           | 521.51  | 630.71    | -                                  | -                | -                   |
|                   | 10.00 | 7             | -           | 749.61  | 906.58    | 69,600                             | -                | 69,600              |
| <b>Total</b>      |       | <b>47,098</b> | <b>128</b>  |         |           | <b>\$ 7,558,700</b>                | <b>\$ 80,700</b> | <b>\$ 7,639,400</b> |

\*Proposed rates effective January 1, 2011.

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

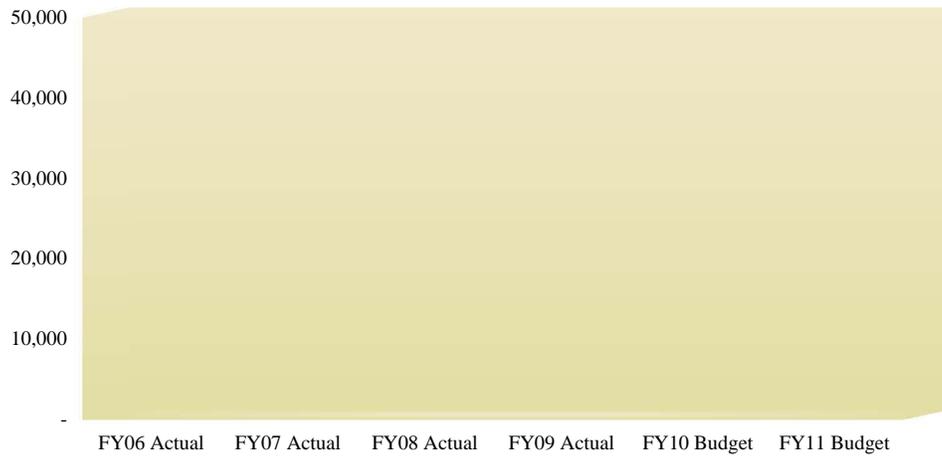


|   | <b>Meter Size</b> | <b>Installation Fee</b> | <b>Meter Fee</b> | <b>AMR Fee</b> |
|---|-------------------|-------------------------|------------------|----------------|
| <b>Meter Fees:</b>  | 0.75              | \$ 60.00                | \$ 59.00         | \$ 147.00      |
| <b>Meter Fees are 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 2011 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>6.00</b> | <b>Total</b> |
|-------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>Residential</b>      | 104         | 19          | -           | 4           | 1           | 128          |
| <b>Non-Residential</b>  | -           | -           | -           | -           | -           | -            |
| <b>Total Meter Fees</b> | \$ 27,700   | \$ 6,200    | \$ -        | \$ 3,400    | \$ 2,900    | \$ 40,200    |

**METER COUNT**



|                               | <b>FY 2006</b> | <b>Actual<br/>FY 2007</b> | <b>FY 2008</b> | <b>FY 2009</b> | <b>Budget<br/>FY 2010</b> | <b>Budget<br/>FY 2011</b> |
|-------------------------------|----------------|---------------------------|----------------|----------------|---------------------------|---------------------------|
| <b>Water Sales</b>            | \$ 27,975,777  | \$30,696,070              | \$30,049,415   | \$ 30,375,618  | \$ 37,870,000             | \$ 36,560,100             |
| <b>System Fees</b>            | 8,056,340      | 8,658,339                 | 9,611,046      | 9,510,996      | 9,408,000                 | 9,532,200                 |
| <b>Energy Fees</b>            | 1,696,492      | 1,801,455                 | 1,834,102      | 1,866,237      | 1,981,200                 | 1,854,600                 |
| <b>MWD and CWA Fixed Fees</b> | 1,775,186      | 2,159,269                 | 2,530,306      | 3,758,403      | 6,511,200                 | 7,639,400                 |
| <b>Penalties</b>              | 688,374        | 797,615                   | 779,985        | 649,683        | 704,100                   | 747,600                   |
| <b>Total</b>                  | \$ 40,192,169  | \$44,112,748              | \$44,804,854   | \$ 46,160,938  | \$ 56,474,500             | \$ 56,333,900             |

Thousands

### REVENUE HISTORY

\$60,000

\$50,000

\$40,000

\$30,000

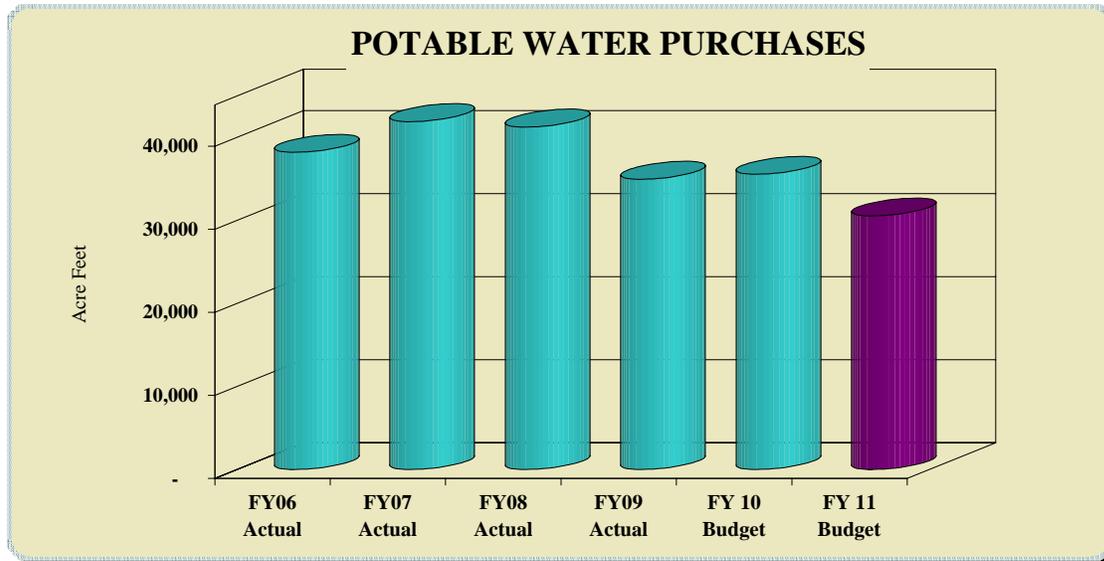
\$20,000

\$10,000

\$-

FY06 Actual    FY07 Actual    FY08 Actual    FY09 Actual    FY10 Budget    FY11 Budget  
 Water Sales    System Fees    MWD & CWA Fixed Fees    Penalties    Energy Fees

## Water Purchases and Related Costs - Potable



|                                | FY11 Budget     |                     | FY11 Budget          |               |
|--------------------------------|-----------------|---------------------|----------------------|---------------|
|                                | Acre Feet       | Rate <sup>(1)</sup> | Purchase Costs       | % to Total    |
| <b>Potable Water Purchases</b> |                 |                     |                      |               |
| Budgeted Sales (CWA)           | 29,872.6        | \$814/\$887         | \$ 25,212,300        | 96.1%         |
| District & Unbilled Usage      | 127.2           | \$814/\$887         | 108,000              | 0.4%          |
| Water Loss                     | 1,088.1         | \$814/\$887         | 918,400              | 3.5%          |
| <b>TOTAL VARIABLE CHARGES</b>  | <u>31,087.9</u> |                     | <u>\$ 26,238,700</u> | <u>100.0%</u> |

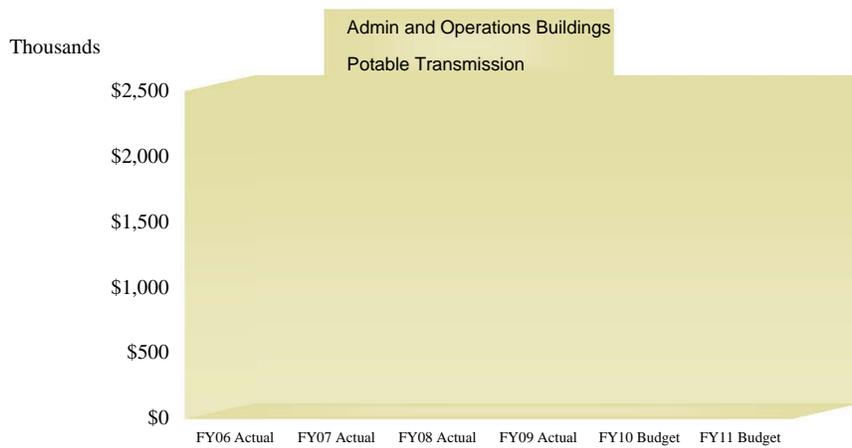
**MWD & CWA FIXED CHARGES:**

|                                    | FY10 Budget         | FY11 Budget         |
|------------------------------------|---------------------|---------------------|
| Infrastructure Access Charge (IAC) | \$ 1,344,900        | \$ 1,550,700        |
| Customer Service Charge (CSC)      | 1,148,800           | 1,315,200           |
| Emergency Storage Charge (ESC)     | 2,246,600           | 2,875,200           |
| Capacity Reservation Charge (CRC)  | 628,800             | 665,100             |
| Readiness-to-Serve Charge (RTS)    | 1,140,700           | 1,232,400           |
| <b>TOTAL FIXED CHARGES</b>         | <u>\$ 6,509,800</u> | <u>\$ 7,638,600</u> |

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

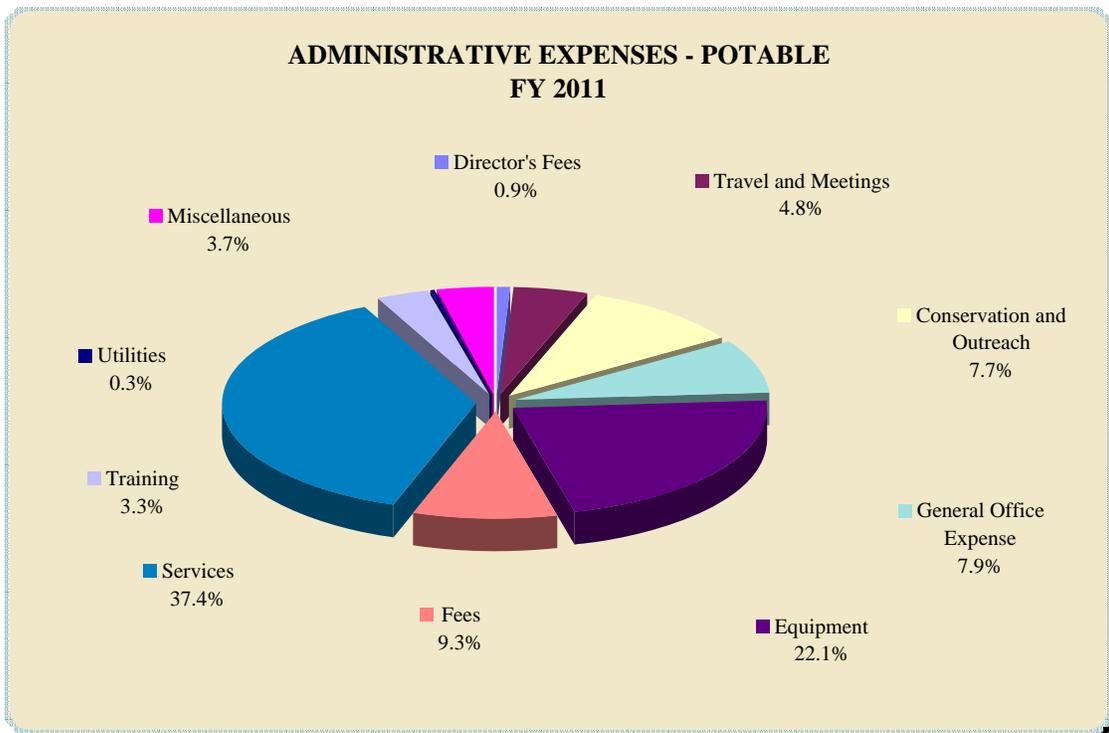
|             | <b>Admin and<br/>Operations<br/>Buildings</b> | <b>Potable<br/>Transmission</b> | <b>Total Potable<br/>Power Costs</b> |
|-------------|---|---------------------------------|--------------------------------------|
| FY06 Actual | 154,567                                       | 1,628,153                       | 1,782,721                            |
| FY07 Actual | 172,646                                       | 1,838,636                       | 2,011,282                            |
| FY08 Actual | 170,564                                       | 2,090,701                       | 2,261,265                            |
| FY09 Actual | 185,059                                       | 1,718,938                       | 1,903,997                            |
| FY10 Budget | 181,900                                       | 1,851,500                       | 2,033,400                            |
| FY11 Budget | 217,300                                       | 1,698,600                       | 1,915,900                            |

**HISTORICAL POWER COSTS AND PROJECTIONS**



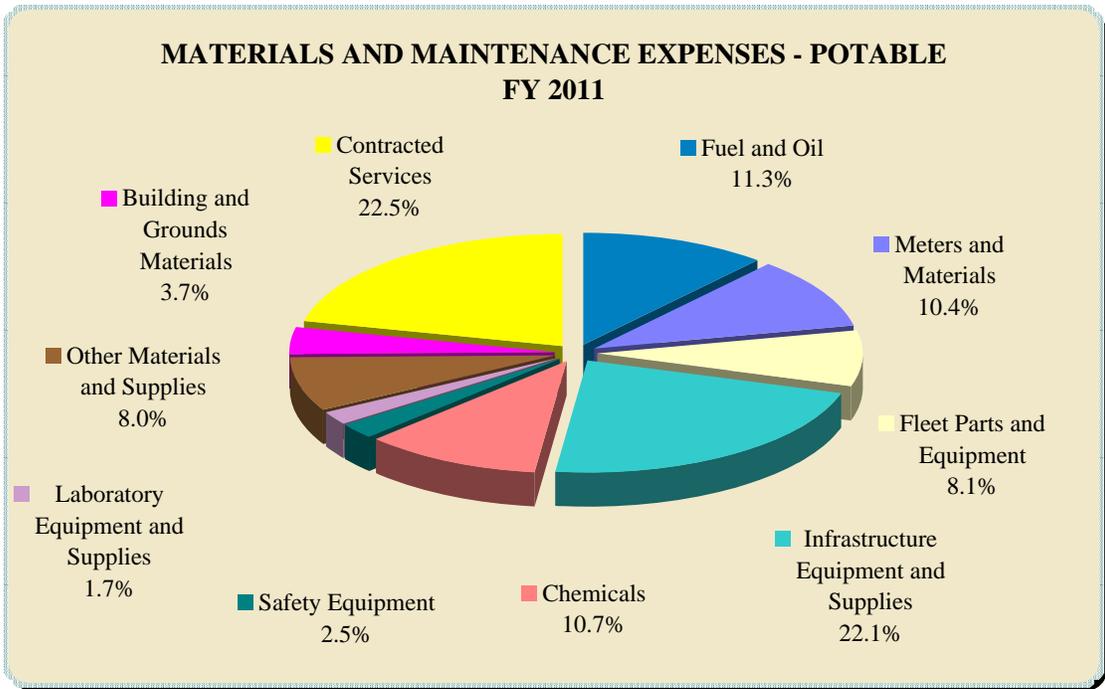
## Administrative Expenses - Potable

|                                      | FY 2009<br>Actual   | FY 2010<br>Budget   | FY 2011<br>Budget   | Budget<br>Variance | %           |
|--------------------------------------|---------------------|---------------------|---------------------|--------------------|-------------|
| Director's Fees                      | \$ 20,200           | \$ 40,000           | \$ 40,000           | -                  | 0.0%        |
| Travel and Meetings                  | 213,488             | 222,200             | 221,400             | (800)              | (0.4%)      |
| Conservation and Outreach            | 254,209             | 352,800             | 479,700             | 126,900            | 36.0%       |
| General Office Expense               | 397,104             | 434,500             | 368,700             | (65,800)           | (15.1%)     |
| Equipment                            | 1,098,693           | 1,020,900           | 1,030,200           | 9,300              | 0.9%        |
| Fees                                 | 402,572             | 442,100             | 434,100             | (8,000)            | (1.8%)      |
| Services                             | 1,907,949           | 1,709,100           | 1,738,300           | 29,200             | 1.7%        |
| Training                             | 146,746             | 156,500             | 151,800             | (4,700)            | (3.0%)      |
| Utilities                            | 15,874              | 17,500              | 15,300              | (2,200)            | (12.6%)     |
| Miscellaneous                        | 258,933             | 212,400             | 171,100             | (41,300)           | (19.4%)     |
| <b>Total</b>                         | <b>4,715,767</b>    | <b>4,608,000</b>    | <b>4,650,600</b>    | <b>42,600</b>      | <b>0.9%</b> |
| Less: Overhead Allocation            | (789,788)           | (918,800)           | (959,400)           | (40,600)           | 4.4%        |
| Subtotal                             | 3,925,979           | 3,689,200           | 3,691,200           | 2,000              | 0.1%        |
| General Expenses                     | 1,539,372           | 865,800             | 916,000             | 50,200             | 5.8%        |
| <b>Total Administrative Expenses</b> | <b>\$ 5,465,351</b> | <b>\$ 4,555,000</b> | <b>\$ 4,607,200</b> | <b>\$ 52,200</b>   | <b>1.1%</b> |



# Materials And Maintenance Expenses - Potable

|  | FY 2009<br>Actual   | FY 2010<br>Budget   | FY 2011<br>Budget   | Budget<br>Variance | %             |
|--|---------------------|---------------------|---------------------|--------------------|---------------|
| <b>Materials and Maintenance</b>       |                     |                     |                     |                    |               |
| Fuel and Oil                           | \$ 193,792          | \$ 231,400          | \$ 231,400          | -                  | 0.0%          |
| Meters and Materials                   | 133,581             | 157,600             | 213,300             | 55,700             | 35.3%         |
| Fleet Parts and Equipment              | 170,271             | 161,000             | 165,400             | 4,400              | 2.7%          |
| Infrastructure Equipment and Supplies  | 493,478             | 469,600             | 452,900             | (16,700)           | (3.6%)        |
| Chemicals                              | 247,071             | 225,000             | 219,000             | (6,000)            | (2.7%)        |
| Safety Equipment                       | 34,666              | 158,500             | 50,900              | (107,600)          | (67.9%)       |
| Laboratory Equipment and Supplies      | 32,453              | 35,000              | 35,000              | -                  | 0.0%          |
| Other Materials and Supplies           | 107,846             | 148,800             | 163,800             | 15,000             | 10.1%         |
| Building and Grounds Materials         | 90,679              | 86,600              | 76,000              | (10,600)           | (12.2%)       |
| Contracted Services                    | 419,374             | 454,000             | 438,900             | (15,100)           | (3.3%)        |
| <b>Total Materials and Maintenance</b> | <b>\$ 1,923,210</b> | <b>\$ 2,127,500</b> | <b>\$ 2,046,600</b> | <b>\$ (80,900)</b> | <b>(3.8%)</b> |



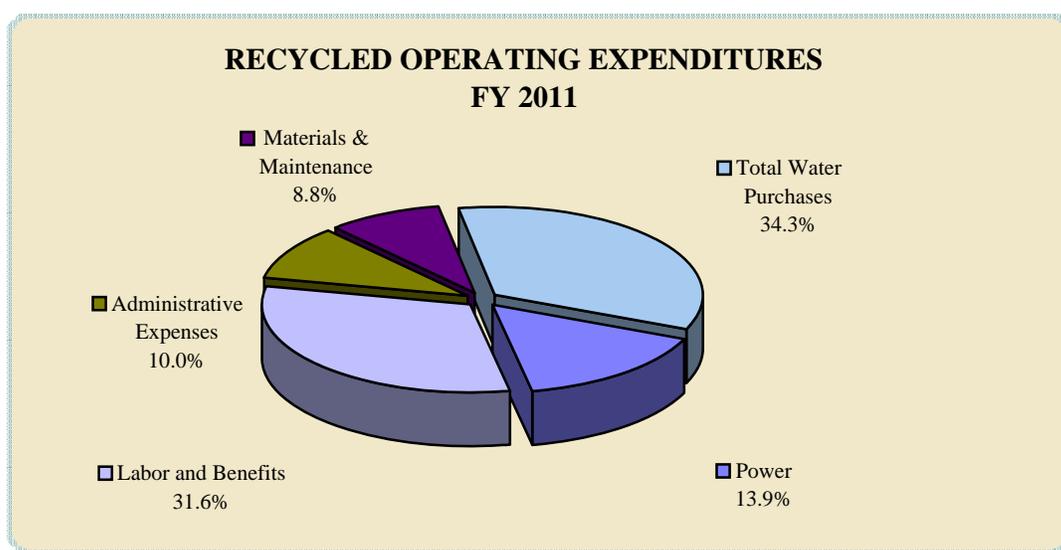


# **Recycled Revenues and Expenses**



## Operating Budget Summary - Recycled

|                                    | FY 2009<br>Actual        | FY 2010<br>Budget       | FY 2011<br>Budget       | Budget<br>Variance       | Variance<br>%        |
|------------------------------------|--------------------------|-------------------------|-------------------------|--------------------------|----------------------|
| <b>REVENUES</b>                    |                          |                         |                         |                          |                      |
| Recycled Water Sales               | \$ 4,015,184             | \$ 5,154,100            | \$ 5,257,000            | 102,900                  | 2.0%                 |
| System Fees                        | 246,218                  | 253,600                 | 264,500                 | 10,900                   | 4.3%                 |
| Energy Fees                        | 181,219                  | 374,800                 | 372,900                 | (1,900)                  | (0.5%)               |
| MWD/CWA Rebates                    | 1,711,787                | 1,754,900               | 1,655,500               | (99,400)                 | (5.7%)               |
| Penalties                          | 83,950                   | 65,100                  | 70,700                  | 5,600                    | 8.6%                 |
| Total Reclaimed Water Sales        | <u>6,238,358</u>         | <u>7,602,500</u>        | <u>7,620,600</u>        | <u>18,100</u>            | <u>0.2%</u>          |
| Meter Fees                         | 18,336                   | 20,000                  | 10,100                  | (9,900)                  | (49.5%)              |
| Capacity Fee Revenues              | 5,447                    | -                       | -                       | -                        | 0.0%                 |
| Interest                           | (9,102)                  | 8,000                   | 12,400                  | 4,400                    | 55.0%                |
| <b>TOTAL REVENUES</b>              | <b><u>6,259,578</u></b>  | <b><u>7,630,500</u></b> | <b><u>7,643,100</u></b> | <b><u>12,600</u></b>     | <b><u>0.2%</u></b>   |
| <b>EXPENDITURES</b>                |                          |                         |                         |                          |                      |
| Water Purchases (CSD) / Meter Fees | 1,299,976                | 1,312,000               | 1,179,900               | (132,100)                | (10.1%)              |
| Total Water Purchases              | <u>1,299,976</u>         | <u>1,312,000</u>        | <u>1,179,900</u>        | <u>(132,100)</u>         | <u>(10.1%)</u>       |
| Power                              | 498,074                  | 504,500                 | 529,800                 | 25,300                   | 5.0%                 |
| Labor and Benefits                 | 1,071,137                | 1,177,200               | 1,086,800               | (90,400)                 | (7.7%)               |
| Administrative Expenses            | 301,933                  | 318,100                 | 343,100                 | 25,000                   | 7.9%                 |
| Materials & Maintenance            | 224,410                  | 332,200                 | 303,000                 | (29,200)                 | (8.8%)               |
| Transfer to General Fund Reserve   | -                        | 1,316,500               | 390,500                 | (926,000)                | (70.3%)              |
| Expansion Reserve                  | 2,430,000                | 1,610,000               | 2,775,000               | 1,165,000                | 72.4%                |
| Betterment Reserve                 | -                        | 110,000                 | 315,000                 | 205,000                  | 186.4%               |
| Replacement Reserve                | 277,900                  | 950,000                 | 720,000                 | (230,000)                | (24.2%)              |
| <b>TOTAL EXPENDITURES</b>          | <b><u>6,103,430</u></b>  | <b><u>7,630,500</u></b> | <b><u>7,643,100</u></b> | <b><u>(119,500)</u></b>  | <b><u>(1.6%)</u></b> |
| <b>EXCESS REVENUES (EXPENSES)</b>  | <b><u>\$ 156,148</u></b> | <b><u>\$ -</u></b>      | <b><u>\$ -</u></b>      | <b><u>\$ 132,100</u></b> | <b><u>0.0%</u></b>   |



## Classification of Water Sales - Recycled

|                                     | <b>FY 2010<br/>Budget</b> | <b>FY 2011<br/>Budget</b> | <b>Variance</b>  |
|-------------------------------------|---------------------------|---------------------------|------------------|
| <b><u>Recycled Water Sales:</u></b> |                           |                           |                  |
| Water Sales                         | \$ 5,154,100              | \$ 5,257,000              | \$ 102,900       |
| System Fees                         | 253,600                   | 264,500                   | 10,900           |
| Energy Fees                         | 374,800                   | 372,900                   | (1,900)          |
| MWD & CWA Rebates                   | 1,754,900                 | 1,655,500                 | (99,400)         |
| Penalties                           | 65,100                    | 70,700                    | 5,600            |
| <b>Total</b>                        | <b>\$ 7,602,500</b>       | <b>\$ 7,620,600</b>       | <b>\$ 18,100</b> |

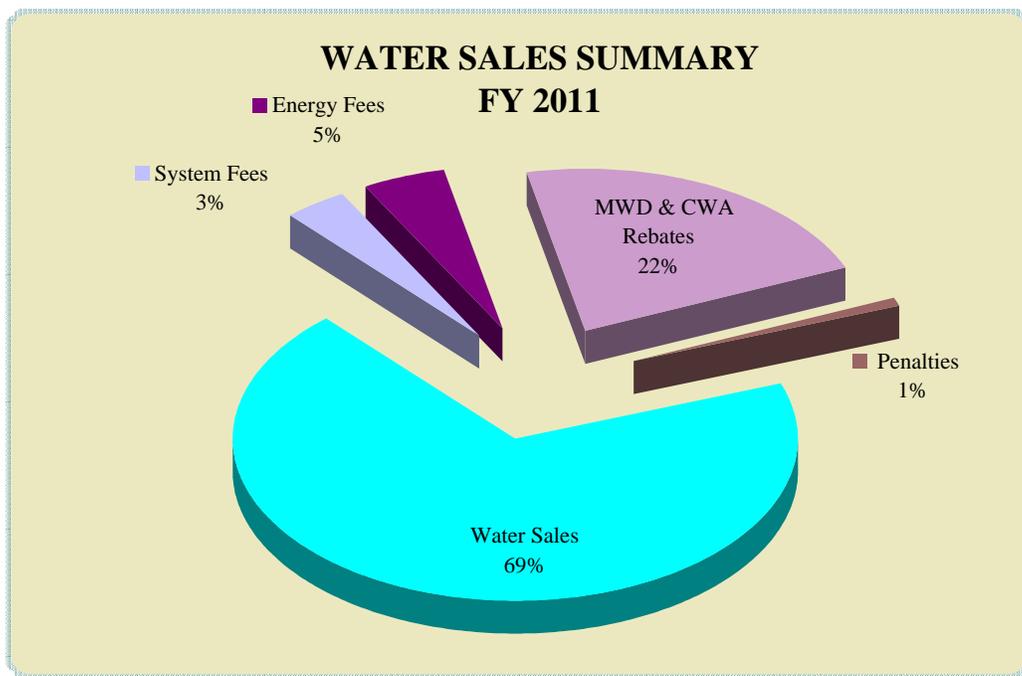
*Water Sales : Unit Sales x Rate*

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

*Energy Charges : Energy pumping fee of \$0.044 per unit of water for each 100 feet of lift or fraction thereof above the base elevation of 450 feet*

*MWD & CWA Rebates : Incentive from MWD & CWA for providing recycled water.*

*Penalties : Late charges, locks , etc.*



# Water Sales Summary by Service Class - Recycled

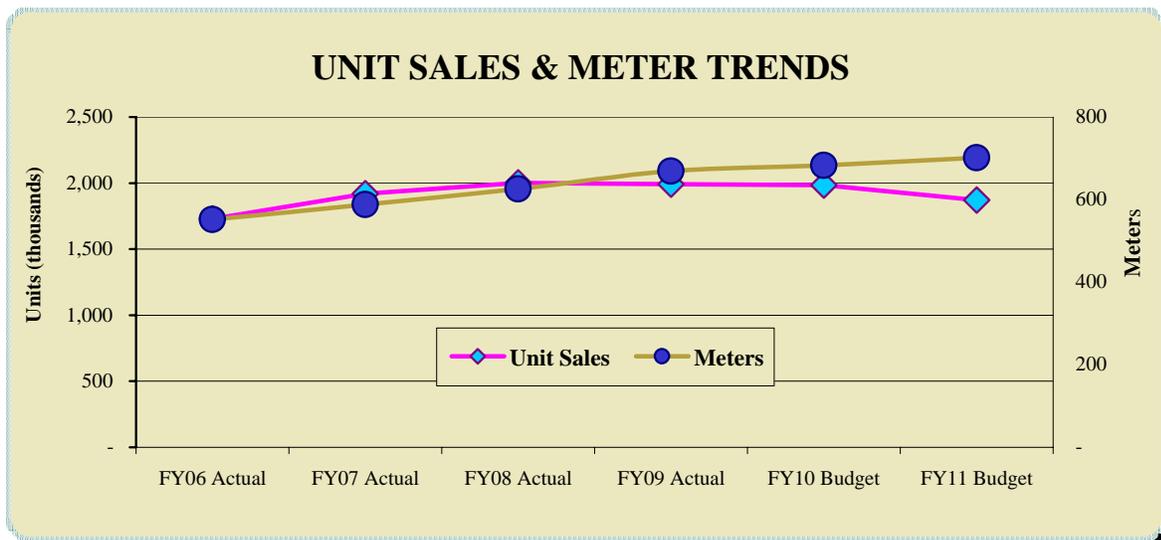
|                              | Fiscal Year 2011 Sales Budget |           |              | Current Rates | Proposed* Rates |
|------------------------------|-------------------------------|-----------|--------------|---------------|-----------------|
|                              | Accounts                      | Units     | Amount       |               |                 |
| <b>Recycled Water Sales:</b> |                               |           |              |               |                 |
| Recycled .75" & 1.0" Meter   | 106                           | 54,000    | \$ 146,800   | \$ 2.61       | \$ 2.72 **      |
| Recycled 1.5" & 2.0" Meter   | 584                           | 1,384,300 | 3,746,700    | 2.61          | 2.71 **         |
| Recycled 3.0" & 4.0" Meter   | 10                            | 70,700    | 191,000      | 2.61          | 2.70 **         |
| Recycled > 6.0" Meter        | 1                             | 362,200   | 978,300      | 2.61          | 2.70 **         |
|                              | 701                           | 1,871,200 | \$ 5,062,800 | \$ 2.72       | \$ 2.71         |
| Government Fee               |                               |           | 194,200      | 0.29          | 0.29            |
|                              | 701                           | 1,871,200 | \$ 5,257,000 | \$ 3.01       | \$ 2.81 **      |

\*Proposed rates effective January 1, 2011.

\*\*Based on average rate.

## UNIT SALES HISTORY - RECYCLED

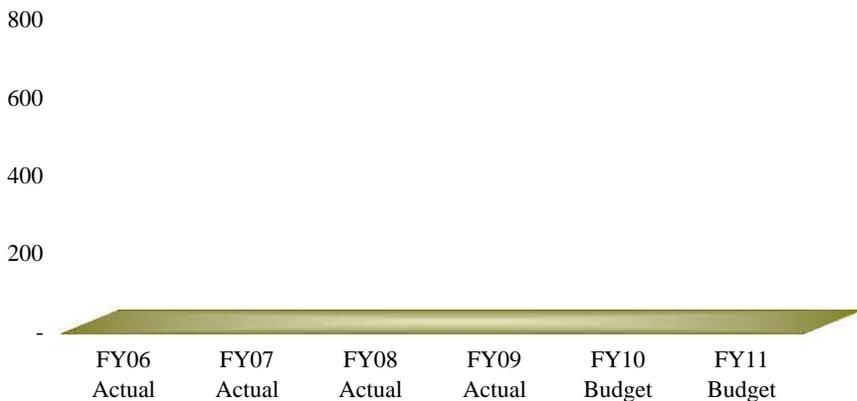
|                   | ACTUAL    |           |           |           | Budget    | Budget    |
|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|
|                   | FY 2006   | FY 2007   | FY 2008   | FY 2009   | FY 2010   | FY 2011   |
| <b>Unit Sales</b> | 1,729,000 | 1,920,084 | 2,001,137 | 1,991,389 | 1,985,500 | 1,871,200 |



| Service Class   | Meter Size   | Meter Count |             | Current Rates | Current Rates | Budgeted System Fees |                   |                 |
|-----------------|--------------|-------------|-------------|---------------|---------------|----------------------|-------------------|-----------------|
|                 |              | 6/30/10     | FY11 Growth |               |               | Existing Meters      | Additional Meters | Total Meters    |
| <b>Recycled</b> | 0.75         | -           | -           | \$ 14.58      | \$ 14.58      | \$ -                 | \$ -              | \$ -            |
|                 | 1.00         | 96          | 10          | 18.52         | 18.52         | 21,300               | 2,200             | 23,500          |
|                 | 1.50         | 382         | -           | 28.37         | 28.37         | 130,000              | -                 | 130,000         |
|                 | 2.00         | 194         | 8           | 40.18         | 40.18         | 93,500               | 3,900             | 97,400          |
|                 | 3.00         | 4           | -           | 71.68         | 71.68         | 3,400                | -                 | 3,400           |
|                 | 4.00         | 6           | -           | 107.13        | 107.13        | 7,700                | -                 | 7,700           |
|                 | 6.00         | 1           | -           | 205.59        | 205.59        | 2,500                | -                 | 2,500           |
|                 | 8.00         | -           | -           | 323.73        | 323.73        | -                    | -                 | -               |
|                 | 10.00        | -           | -           | 461.57        | 461.57        | -                    | -                 | -               |
|                 | <b>Total</b> |             | <b>683</b>  | <b>18</b>     |               |                      | <b>\$ 258,400</b> | <b>\$ 6,100</b> |

**Budgeted Recycled System Fees \$ 264,500**

### METER COUNT

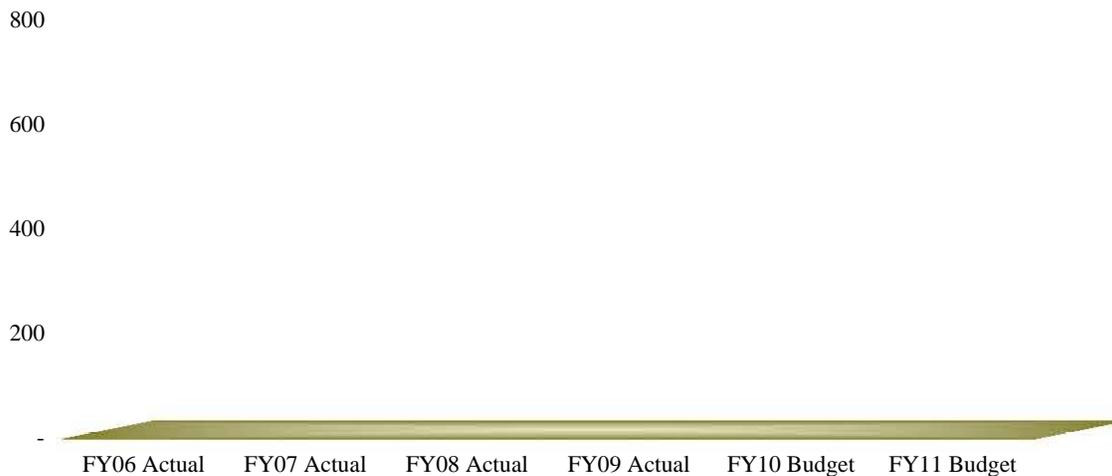


|   | <b>Meter Size</b> | <b>Installation Fee</b> | <b>Meter Fee</b> | <b>AMR Fee</b> |
|---|-------------------|-------------------------|------------------|----------------|
| <b>Meter Fees:</b>  | 0.75              | \$ 60.00                | \$ 59.00         | \$ 147.00      |
| <b>Meter Fees are 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 2011 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> |
|-------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Recycled                | -           | 10          | -           | 8           | -           | 18           |
| <b>Total Meter Fees</b> | \$ -        | \$ 3,200    | \$ -        | \$ 6,900    | \$ -        | \$ 10,100    |

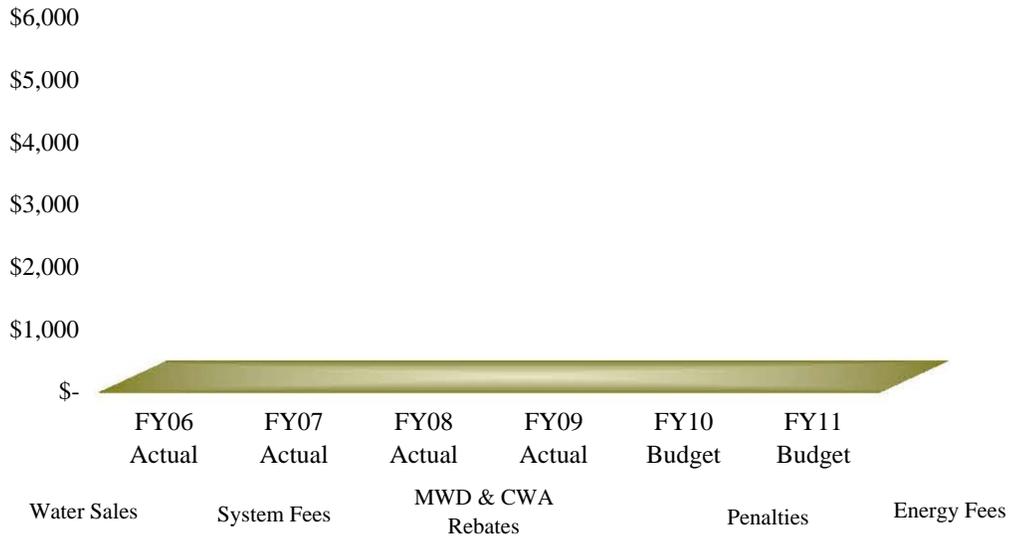
**METER COUNT**



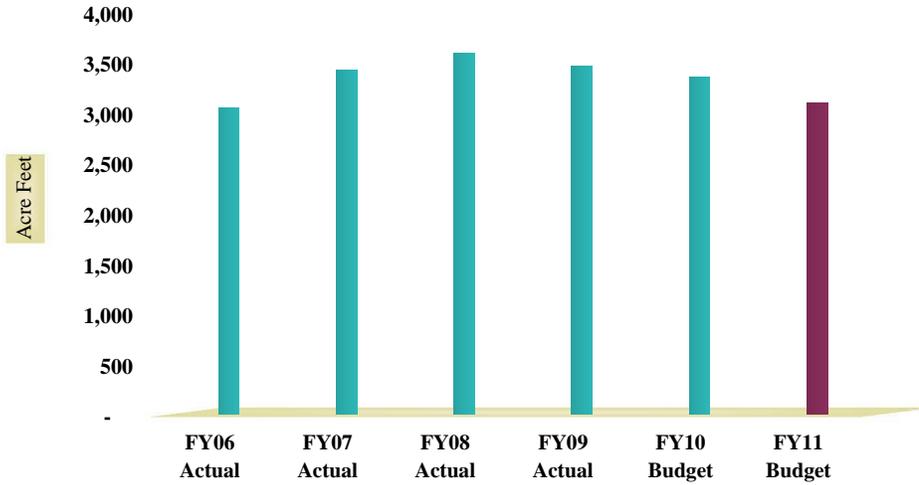
|                   | <b>Actual</b>       |                     |                     |                     | <b>Budgeted</b>     | <b>Budgeted</b>     |
|-------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                   | <b>FY 2006</b>      | <b>FY 2007</b>      | <b>FY 2008</b>      | <b>FY 2009</b>      | <b>FY 2010</b>      | <b>FY 2011</b>      |
| Water Sales       | \$ 2,694,517        | \$ 3,294,170        | \$ 3,347,964        | \$ 3,787,845        | \$ 5,154,100        | \$ 5,257,000        |
| System Fees       | 298,153             | 335,063             | 425,061             | 366,529             | 253,600             | 264,500             |
| Energy Fees       | 198,599             | 190,570             | 248,429             | 288,247             | 374,800             | 372,900             |
| MWD & CWA Rebates | 372,172             | 592,056             | 1,833,949           | 1,711,787           | 1,754,900           | 1,655,500           |
| Penalties         | -                   | 80,998              | 92,855              | 83,950              | 65,100              | 70,700              |
| <b>Total</b>      | <b>\$ 3,563,441</b> | <b>\$ 4,492,857</b> | <b>\$ 5,948,258</b> | <b>\$ 6,238,358</b> | <b>\$ 7,602,500</b> | <b>\$ 7,620,600</b> |

## REVENUE HISTORY

Thousands



## RECYCLED WATER PURCHASES

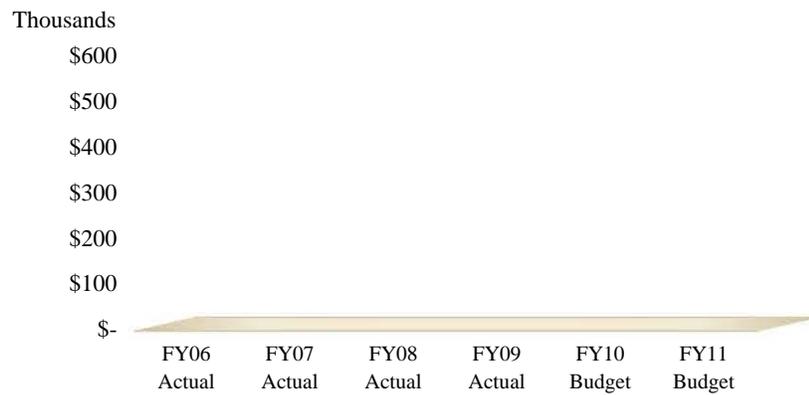


|   | FY11 Budget<br>Acre Feet | Rate <sup>(1)</sup> | FY11 Budget<br>Purchase Costs | % to Total    |
|---|--------------------------|---------------------|-------------------------------|---------------|
| <b>SBWRP Recycled Water Purchases (CSD)</b> |                          |                     |                               |               |
| Recycled Water Purchases                    | 3,097.9                  | \$350/\$417         | \$ 1,160,100                  | 98.3%         |
| Meter Fee                                   | -                        | 1,646.50            | 19,800                        | 1.7%          |
| <b>Total</b>                                | <b>3,097.9</b>           |                     | <b>\$ 1,179,900</b>           | <b>100.0%</b> |

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

|             | <b>Treatment and<br/>Recycled<br/>Transmission</b> |
|-------------|--|
| FY06 Actual | \$ 224,200   |
| FY07 Actual | 358,359  |
| FY08 Actual | 306,480  |
| FY09 Actual | 572,331  |
| FY10 Budget | 504,500  |
| FY11 Budget | 529,800  |

### HISTORICAL POWER COSTS AND PROJECTIONS

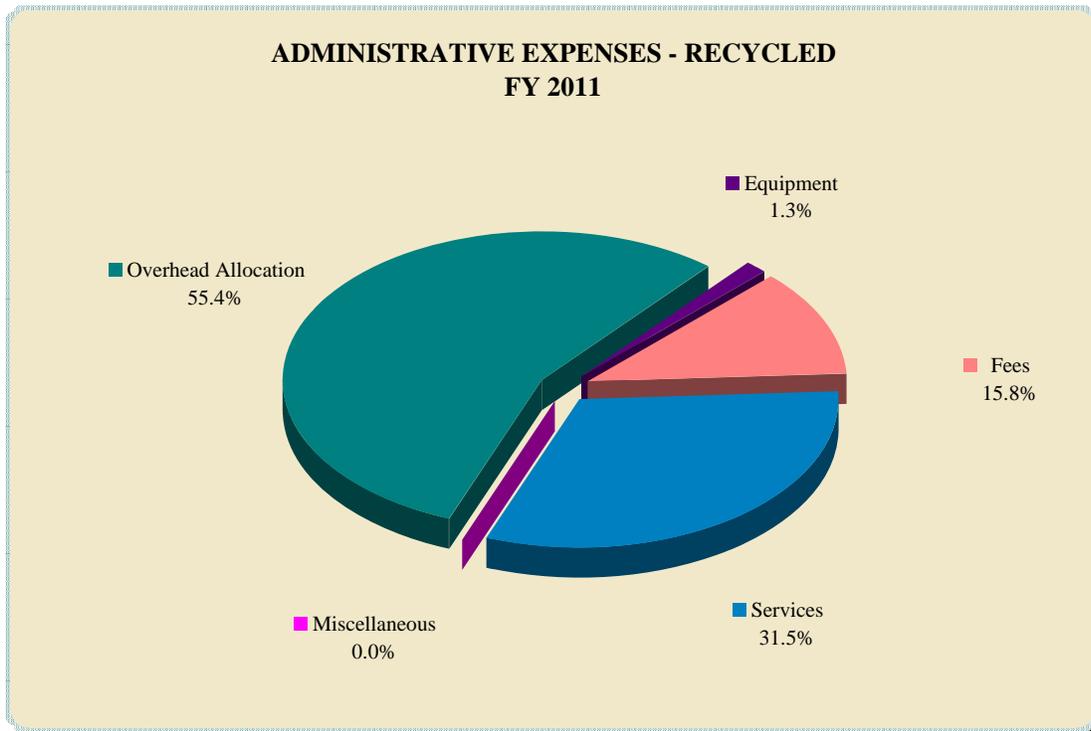


*Note:*

- (1) The fluctuation in the power cost is caused by increases and decreases in annual rainfall.
- (2) Subsequent to Budget approval, staff identified a misclassification of a power meter among potable, recycled, and sewer which also caused the fluctuation in power costs.

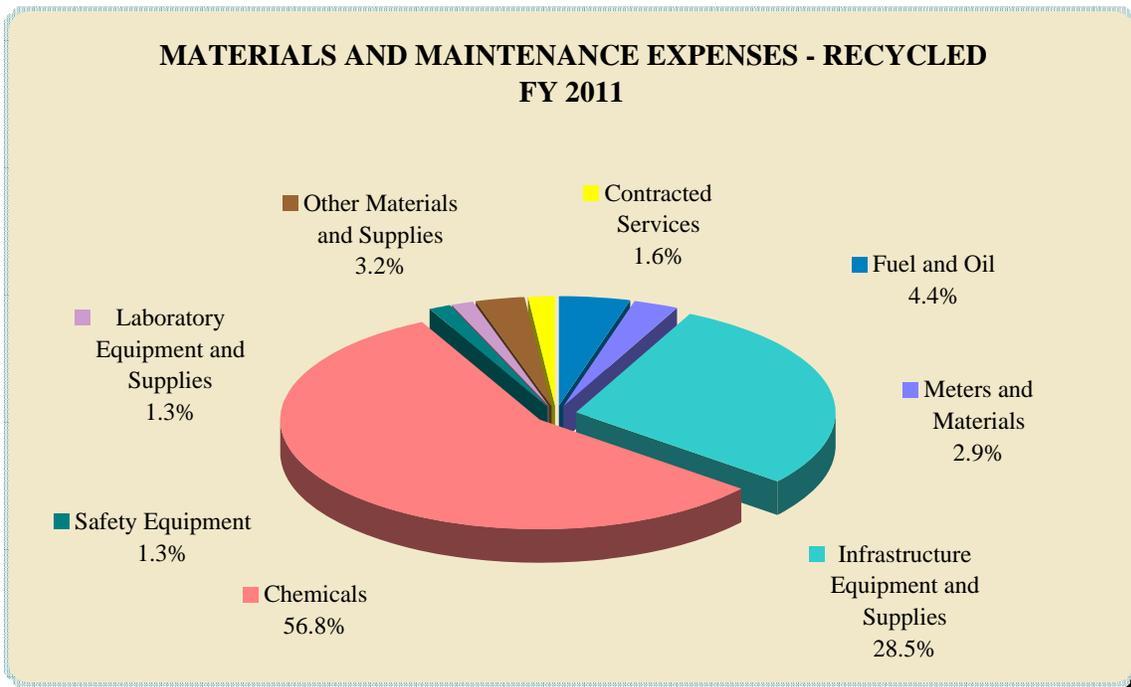
## Administrative Expenses - Recycled

|                                      | FY 2009<br>Actual | FY 2010<br>Budget | FY 2011<br>Budget | Budget<br>Variance | %            |
|--------------------------------------|-------------------|-------------------|-------------------|--------------------|--------------|
| Equipment                            | \$ 4,277          | \$ 6,300          | \$ 4,500          | \$ (1,800)         | (28.6%)      |
| Fees                                 | 25,396            | 54,400            | 40,400            | (14,000)           | (25.7%)      |
| Services                             | 85,542            | 48,500            | 108,100           | 59,600             | 122.9%       |
| Miscellaneous                        | -                 | -                 | -                 | -                  | 0.0%         |
| <b>Total</b>                         | <b>115,215</b>    | <b>109,200</b>    | <b>153,000</b>    | <b>43,800</b>      | <b>40.1%</b> |
| Overhead Allocation                  | 186,718           | 208,900           | 190,100           | (18,800)           | (9.0%)       |
| <b>Total Administrative Expenses</b> | <b>\$ 301,933</b> | <b>\$ 318,100</b> | <b>\$ 343,100</b> | <b>\$ 25,000</b>   | <b>7.9%</b>  |



## Materials And Maintenance Expenses - Recycled

|  | FY 2009           | FY 2010           | FY 2011           | Budget             |               |
|--|-------------------|-------------------|-------------------|--------------------|---------------|
|  | Actual            | Budget            | Budget            | Variance           | %             |
| Materials and Maintenance              |                   |                   |                   |                    |               |
| Fuel and Oil                           | \$ 6,776          | \$ 13,300         | \$ 13,300         | -                  | 0.0%          |
| Meters and Materials                   | 22,803            | 13,000            | 8,800             | (4,200)            | (32.3%)       |
| Infrastructure Equipment and Supplies  | 92,185            | 64,000            | 86,500            | 22,500             | 35.2%         |
| Chemicals                              | 46,326            | 225,000           | 172,000           | (53,000)           | (23.6%)       |
| Safety Equipment                       | 2,543             | 1,600             | 3,900             | 2,300              | 143.8%        |
| Laboratory Equipment and Supplies      | 5,109             | 6,000             | 4,000             | (2,000)            | (33.3%)       |
| Other Materials and Supplies           | 12,048            | 8,800             | 9,600             | 800                | 9.1%          |
| Contracted Services                    | 36,621            | 500               | 4,900             | 4,400              | 880.0%        |
| <b>Total Materials and Maintenance</b> | <b>\$ 224,410</b> | <b>\$ 332,200</b> | <b>\$ 303,000</b> | <b>\$ (29,200)</b> | <b>(8.8%)</b> |



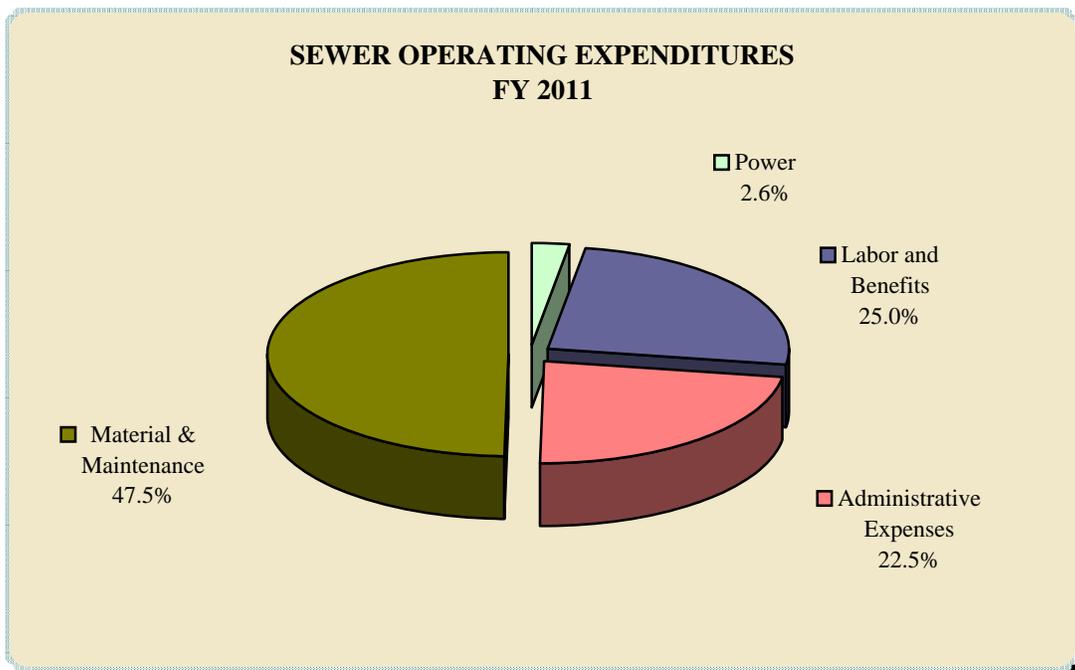


# **Sewer Revenues and Expenses**



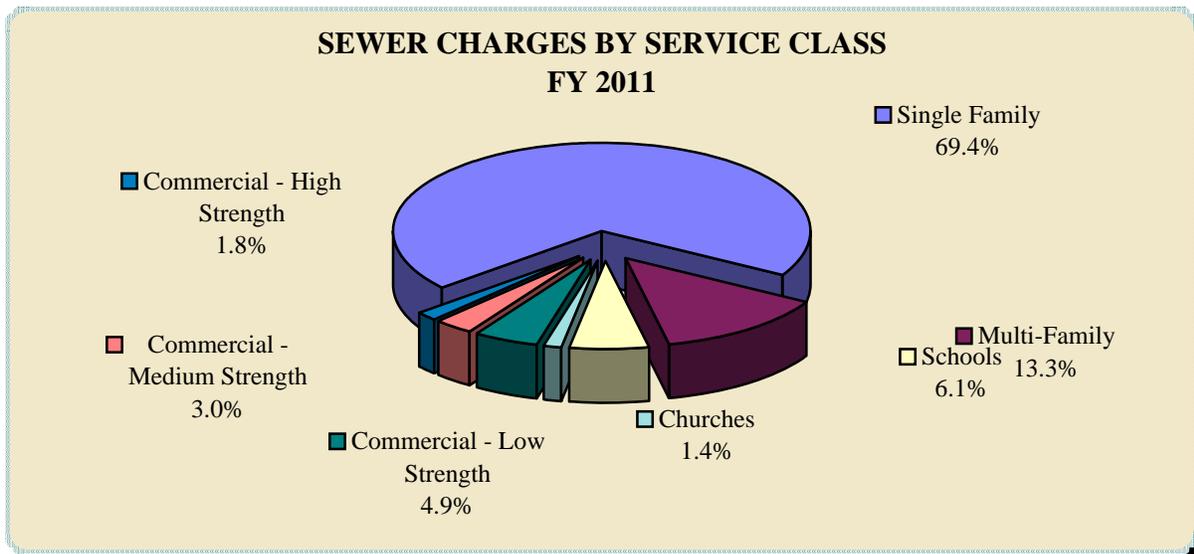
## Operating Budget Summary - Sewer

|                                | FY 2009<br>Actual | FY 2010<br>Budget | FY 2011<br>Budget | Budget<br>Variance | Variance<br>% |
|--------------------------------|-------------------|-------------------|-------------------|--------------------|---------------|
| <b>REVENUES</b>                |                   |                   |                   |                    |               |
| Sewer Charges                  | 2,184,523         | 2,244,800         | 2,270,500         | 25,700             | 1.1%          |
| Non-operating Revenues         | 27,801            | 29,100            | 29,100            | -                  | 0.0%          |
| Tax Revenues                   | 50,759            | 50,300            | 51,400            | 1,100              | 2.2%          |
| Interest                       | 54,298            | 28,500            | 27,200            | (1,300)            | (4.6%)        |
| General Fund Draw Down         | -                 | 469,100           | 994,600           | 525,500            | 112.0%        |
| <b>TOTAL REVENUES</b>          | <b>2,317,381</b>  | <b>2,821,800</b>  | <b>3,372,800</b>  | <b>551,000</b>     | <b>19.5%</b>  |
|                                |                   |                   |                   |                    |               |
| Power                          | 63,197            | 99,200            | 75,000            | (24,200)           | (24.4%)       |
| Labor and Benefits             | 667,547           | 924,600           | 711,600           | (213,000)          | (23.0%)       |
| Administrative Expenses        | 174,639           | 456,100           | 641,300           | 185,200            | 40.6%         |
| Material & Maintenance         | 1,335,033         | 1,341,900         | 1,419,900         | 78,000             | 5.8%          |
| Betterment Reserve             | -                 | -                 | 1,120,000         | 1,120,000          | 100.0%        |
| Transfer to Sewer General Fund | -                 | -                 | (595,000)         | (595,000)          | 100.0%        |
| <b>TOTAL EXPENDITURES</b>      | <b>2,240,416</b>  | <b>2,821,800</b>  | <b>3,372,800</b>  | <b>551,000</b>     | <b>19.5%</b>  |
|                                |                   |                   |                   |                    |               |
| <b>EXCESS REVENUES</b>         | <b>\$ 76,965</b>  | <b>\$ -</b>       | <b>\$ -</b>       | <b>\$ -</b>        | <b>0.0%</b>   |



## Sewer Charges Summary By Service Class

|                            | Accounts            | Units/<br>ASU <sup>(1)</sup> | Base Fee for 3/4" Meter <sup>(2)</sup> |                         | Usage Fee / Sewer Rate |                         | FY 2011<br>Budget          |
|----------------------------|---------------------|------------------------------|--|-------------------------|------------------------|-------------------------|----------------------------|
|                            |                     |                              | Current                                | Proposed <sup>(3)</sup> | Current                | Proposed <sup>(3)</sup> |                            |
| Single Family              | 4,524               | 4,524                        | 10.80                                  | 11.57                   | 1.56                   | 1.67                    | \$ 1,555,000               |
| Multi-Family               | 50                  | 1,360                        | 10.80                                  | 11.57                   | 1.56                   | 1.67                    | 299,000                    |
| Schools                    | 6                   | 303                          |  |                         | 36.88                  | 39.39                   | 137,500                    |
| Churches                   | 4                   | 50                           |  |                         | 36.88                  | 39.39                   | 32,000                     |
| Commercial                 |                     |                              |  |                         |                        |                         |                            |
| Low Strength               | 37                  | 236                          |  |                         | 36.88                  | 39.39                   | 108,800                    |
| Medium Strength            | 19                  | 148                          |  |                         | 36.88                  | 39.39                   | 68,200                     |
| High Strength              | 6                   | 86                           |  |                         | 36.88                  | 39.39                   | 39,900                     |
| Penalties                  |                     |                              |  |                         |                        |                         | 30,100                     |
| <b>TOTAL SEWER CHARGES</b> | <b><u>4,646</u></b> | <b><u>6,706</u></b>          |  |                         |                        |                         | <b><u>\$ 2,270,500</u></b> |



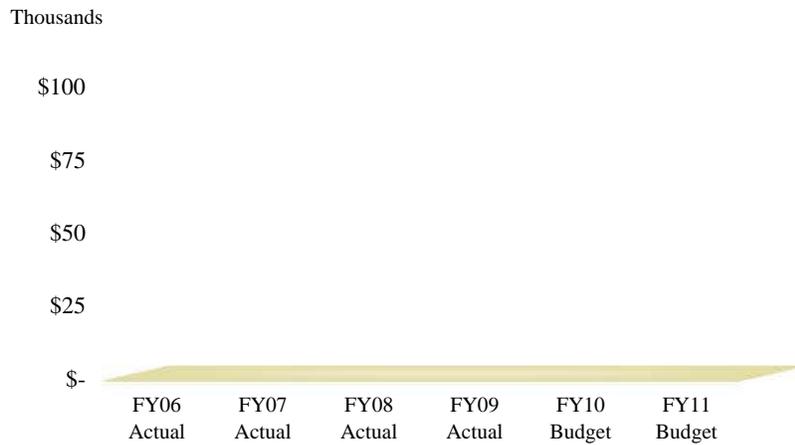
<sup>(1)</sup> Assigned Service Units

<sup>(2)</sup> Current and proposed base fees for 1" meter are 15.75 and 16.87 respectively.

<sup>(3)</sup> Proposed fee/rate is effective January 1, 2011, pending board approval.

| <b>Sewer Lift Station</b> |        |
|---------------------------|--------|
| FY06 Actual               | 85,894 |
| FY07 Actual               | 94,989 |
| FY08 Actual               | 82,023 |
| FY09 Actual               | 88,512 |
| FY10 Budget               | 73,717 |
| FY11 Budget               | 75,000 |

### HISTORICAL POWER COSTS AND PROJECTIONS

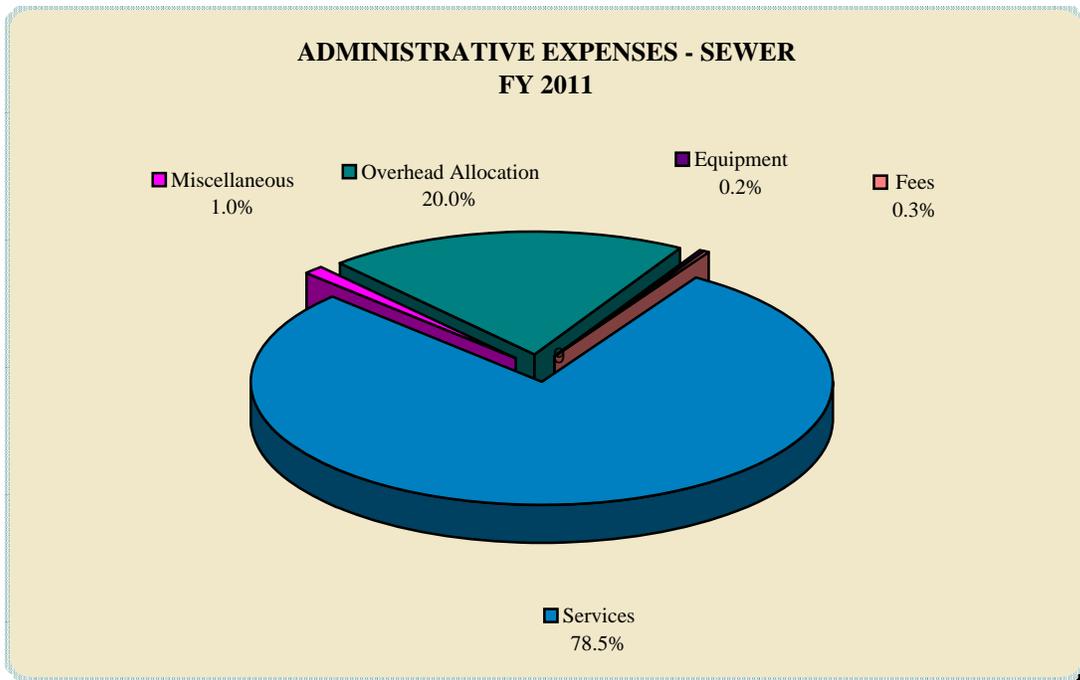


*Note:*

- (1) The fluctuation in the power cost is caused by increases and decreases in annual rainfall.*
- (2) Subsequent to Budget approval, staff identified a misclassification of a power meter among potable, recycled, and sewer which also caused the fluctuation in power costs.*

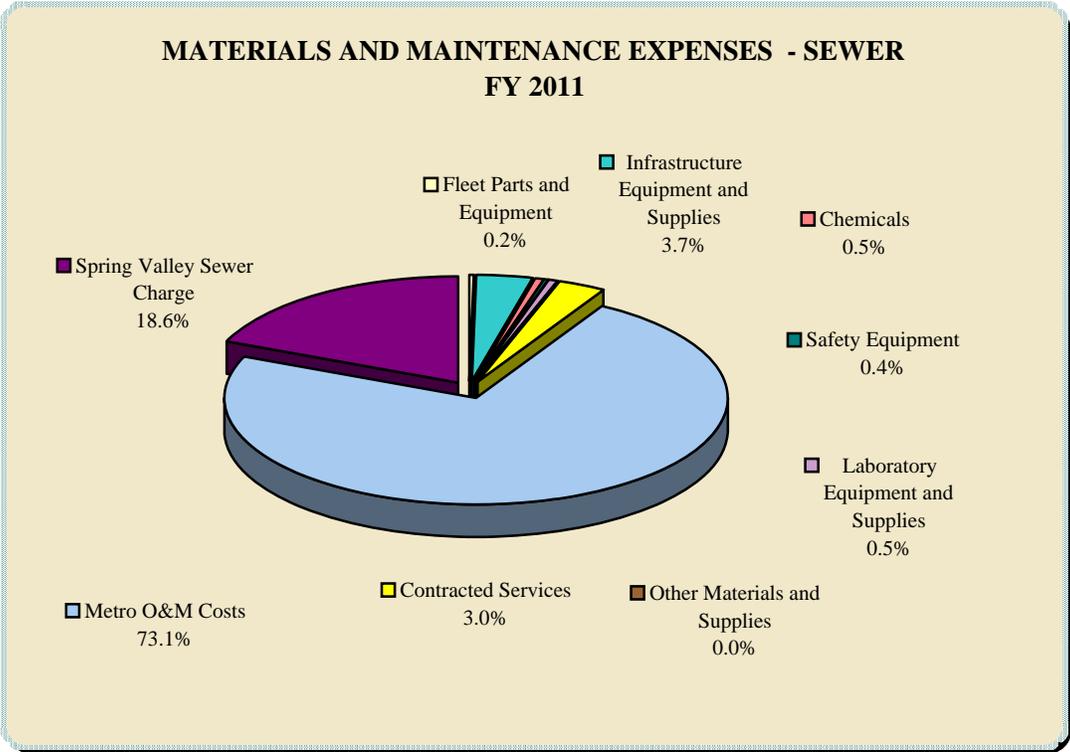
## Administrative Expenses - Sewer

|                                      | FY 2009<br>Actual | FY 2010<br>Budget | FY 2011<br>Budget | Budget<br>Variance | %            |
|--------------------------------------|-------------------|-------------------|-------------------|--------------------|--------------|
| Equipment                            | \$ 685            | \$ 1,500          | \$ 1,000          | (500)              | (33.3%)      |
| Fees                                 | 10,053            | 11,500            | 2,000             | (9,500)            | (82.6%)      |
| Services                             | 38,783            | 269,000           | 503,600           | 234,600            | 87.2%        |
| Miscellaneous                        | 6,808             | 7,600             | 6,200             | (1,400)            | (18.4%)      |
| <b>Total</b>                         | <b>56,328</b>     | <b>289,600</b>    | <b>512,800</b>    | <b>223,200</b>     | <b>77.1%</b> |
| Overhead Allocation                  | 118,311           | 166,500           | 128,500           | (38,000)           | (22.8%)      |
| <b>Total Administrative Expenses</b> | <b>\$ 174,639</b> | <b>\$ 456,100</b> | <b>\$ 641,300</b> | <b>\$ 185,200</b>  | <b>40.6%</b> |



# Materials And Maintenance Expenses - Sewer

|  | <b>FY 2009</b>             | <b>FY 2010</b>             | <b>FY 2011</b>             | <b>Budget</b>           | <b>%</b>           |
|--|----------------------------|----------------------------|----------------------------|-------------------------|--------------------|
|  | <b>Actual</b>              | <b>Budget</b>              | <b>Budget</b>              | <b>Variance</b>         |                    |
| <b>Materials and Maintenance</b>       |                            |                            |                            |                         |                    |
| Fuel and Oil                           | \$ -                       | \$ -                       | \$ -                       | -                       | 0.0%               |
| Fleet Parts and Equipment              | -                          | 3,000                      | 3,000                      | -                       | 0.0%               |
| Infrastructure Equipment and Supplies  | 68,953                     | 67,000                     | 52,500                     | (14,500)                | (21.6%)            |
| Chemicals                              | 5,810                      | 4,500                      | 7,000                      | 2,500                   | 55.6%              |
| Safety Equipment                       | 1,694                      | 1,000                      | 5,500                      | 4,500                   | 450.0%             |
| Laboratory Equipment and Supplies      | 5,330                      | 6,000                      | 6,000                      | -                       | 0.0%               |
| Other Materials and Supplies           | 970                        | 300                        | 300                        | -                       | 0.0%               |
| Contracted Services                    | 92,436                     | 49,000                     | 43,000                     | (6,000)                 | (12.2%)            |
| Materials and Maintenance              | <u>175,353</u>             | <u>130,800</u>             | <u>117,300</u>             | <u>(13,500)</u>         | <u>(10.3%)</u>     |
| <b>Sewer Charges</b>                   |                            |                            |                            |                         |                    |
| Metro O&M Costs                        | 913,033                    | 981,000                    | 1,038,600                  | 57,600                  | 5.9%               |
| Spring Valley Sewer Charge             | 246,647                    | 230,100                    | 264,000                    | 33,900                  | 14.7%              |
| Total Sewer Charges                    | <u>1,159,680</u>           | <u>1,211,100</u>           | <u>1,302,600</u>           | <u>91,500</u>           | <u>7.6%</u>        |
| <b>Total Materials and Maintenance</b> | <b><u>\$ 1,335,033</u></b> | <b><u>\$ 1,341,900</u></b> | <b><u>\$ 1,419,900</u></b> | <b><u>\$ 78,000</u></b> | <b><u>5.8%</u></b> |







# **General Revenues and Expenses**



## General Revenues

|                                 | FY 2009<br>Actual   | FY 2010<br>Budget   | FY 2011<br>Budget   | Budget<br>Variance  | Variance<br>% |
|---------------------------------|---------------------|---------------------|---------------------|---------------------|---------------|
| Capacity Fee Revenues           | \$ 1,521,707        | \$ 1,397,000        | 1,095,300           | \$ (301,700)        | (21.6%)       |
| Betterment Fees for Maintenance | 661,998             | 571,400             | 657,400             | 86,000              | 15.1%         |
| Annexation Fees                 | 392,349             | 120,500             | -                   | (120,500)           | (100.0%)      |
| <u>Tax Revenues</u>             |                     |                     |                     |                     |               |
| 1% General Tax                  | 3,429,830           | 3,175,600           | 3,143,400           | (32,200)            | (1.0%)        |
| Availability Fees               | 625,065             | 677,000             | 700,500             | 23,500              | 3.5%          |
| Total Tax Revenues              | 4,054,895           | 3,852,600           | 3,843,900           | (8,700)             | (0.2%)        |
| <b>General Revenues</b>         | <b>\$ 6,630,949</b> | <b>\$ 5,941,500</b> | <b>\$ 5,596,600</b> | <b>\$ (344,900)</b> | <b>(5.8%)</b> |

## Non-Operating Revenues

|                               | FY 2009<br>Actual   | FY 2010<br>Budget   | FY 2011<br>Budget   | Budget<br>Variance | Variance<br>% |
|-------------------------------|---------------------|---------------------|---------------------|--------------------|---------------|
| Property Rental               | \$ 1,029,506        | \$ 1,043,400        | \$ 1,163,900        | 120,500            | 11.5%         |
| Sewer Billing Fees            | 359,180             | 359,800             | 361,500             | 1,700              | 0.5%          |
| Set-up Fee for Lease Site     | 48,301              | -                   | 8,000               | 8,000              | 100.0%        |
| Grants                        | 85,742              | -                   | 120,000             | 120,000            | 100.0%        |
| Revenue from Shared Facility  | 26,387              | 29,100              | 29,100              | -                  | 0.0%          |
| Miscellaneous                 | 3,325,892           | 153,300             | 265,800             | 112,500            | 73.4%         |
| <b>Non-Operating Revenues</b> | <b>\$ 4,875,008</b> | <b>\$ 1,585,600</b> | <b>\$ 1,948,300</b> | <b>\$ 362,700</b>  | <b>22.9%</b>  |

## General And Non-Operating Revenues By Business

|   | FY 2011 Budget      |             |                  |                     |
|---|---------------------|-------------|------------------|---------------------|
|   | Potable             | Recycled    | Sewer            | Total               |
| Capacity Fee Revenues                           | \$ 1,095,300        | \$ -        | \$ -             | \$ 1,095,300        |
| Betterment Fees for Maintenance                 | 657,400             | -           | -                | 657,400             |
| Annexation Fees                                 | -                   | -           | -                | -                   |
| <u>Tax Revenues</u>                             |                     |             |                  |                     |
| 1% Property Tax                                 | 3,143,400           | -           | -                | 3,143,400           |
| Availability Fees                               | 649,100             | -           | 51,400           | 700,500             |
| Total Tax Revenues                              | 3,792,500           | -           | 51,400           | 3,843,900           |
| <u>Non-Operating Revenues</u>                   |                     |             |                  |                     |
| Property Rental                                 | 1,163,900           | -           | -                | 1,163,900           |
| Sewer Billing Fees                              | 361,500             | -           | -                | 361,500             |
| Set-up Fee for Lease Site                       | 8,000               | -           | -                | 8,000               |
| Grants  | 120,000             | -           | -                | 120,000             |
| Revenue from Shared Facility                    | -                   | -           | 29,100           | 29,100              |
| Miscellaneous                                   | 265,800             | -           | -                | 265,800             |
| Total Non-Operating Revenues                    | 1,919,200           | -           | 29,100           | 1,948,300           |
| <b>Total General and Non-Operating Revenues</b> | <b>\$ 7,464,400</b> | <b>\$ -</b> | <b>\$ 80,500</b> | <b>\$ 7,544,900</b> |

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

## General Expenses

|                                | <b>FY 2009<br/>Actual</b>  | <b>FY 2010<br/>Budget</b> | <b>FY 2011<br/>Budget</b> | <b>Budget<br/>Variance</b> | <b>Variance<br/>%</b> |
|--------------------------------|----------------------------|---------------------------|---------------------------|----------------------------|-----------------------|
| <u>Administrative Expenses</u> |                            |                           |                           |                            |                       |
| Legal Fees                     | \$ 1,053,575               | \$ 454,300                | \$ 451,200                | \$ (3,100)                 | (0.7%)                |
| General Insurance              | 485,796                    | 411,500                   | 464,800                   | 53,300                     | 13.0%                 |
| Interest                       | -                          | -                         | -                         | -                          | 0.0%                  |
| Total Administrative Expenses  | <u>1,539,372</u>           | <u>865,800</u>            | <u>916,000</u>            | <u>50,200</u>              | 5.8%                  |
| <u>Benefits</u>                |                            |                           |                           |                            |                       |
| Benefits <sup>(1)</sup>        | 383,300                    | (300)                     | (28,000)                  | (27,700)                   | 0.0%                  |
| <b>Total General Expenses</b>  | <b><u>\$ 1,922,672</u></b> | <b><u>\$ 865,500</u></b>  | <b><u>\$ 888,000</u></b>  | <b><u>\$ 22,500</u></b>    | 2.6%                  |

<sup>(1)</sup> FY 2011 and FY 2010 Benefits budget amounts are negative because of Vacancy Factor (salary savings) \$204,200 and \$207,700 respectively. This is netted against other District-wide Labor and Benefit Expenses. In prior years Vacancy Factor was budgeted in the individual departments.

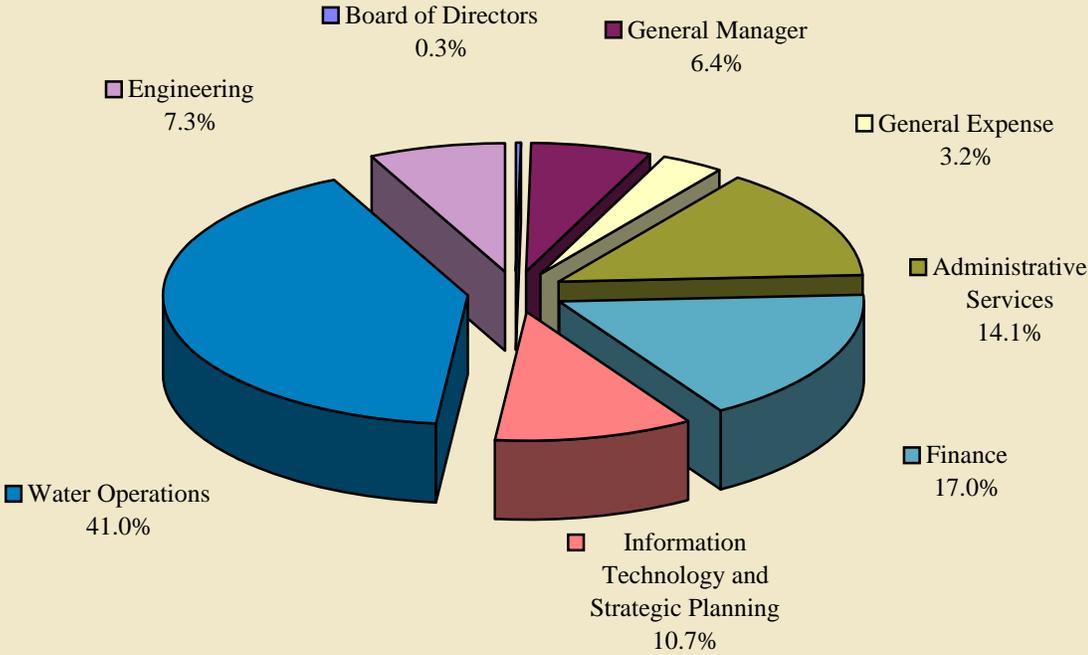


# Departmental Operating Budget



# Departmental Operating Budget

## TOTAL DEPARTMENTAL OPERATING BUDGET Fiscal Year 2011 \$27,849,400



|  | <b>FY10<br/>Budget</b> | <b>FY11<br/>Budget</b> | <b>\$\$<br/>Variance</b> | <b>%<br/>Variance</b> |
|--|------------------------|------------------------|--------------------------|-----------------------|
| <b>Total Labor Costs</b>                           | \$ 11,456,800          | \$ 11,514,300          | \$ 57,500                | 0.5%                  |
| <b>Benefits</b>                                    |                        |                        |                          |                       |
| Pension  | 3,227,500              | 3,320,800              | 93,300                   | 2.9%                  |
| Employee Assistance Program                        | 7,500                  | 7,500                  |                          | 0.0%                  |
| Worker's Compensation                              | 262,300                | 267,800                | 5,500                    | 2.1%                  |
| Health/Dental/Life Insurance                       | 2,076,700              | 2,014,900              | (61,800)                 | -3.0%                 |
| Social Security / Medicare                         | 937,000                | 936,400                | (600)                    | -0.1%                 |
| Salary Continuation Insurance                      | 87,800                 | 75,600                 | (12,200)                 | -13.9%                |
| Employee Awards                                    | -                      | -                      |                          |                       |
| State Unemployment Insurance                       | 20,000                 | 20,000                 |                          | 0.0%                  |
| Vacation / Sick / Holiday / Other Leave            | 2,091,300              | 2,104,100              | 12,800                   | 0.6%                  |
| Total Fringe Benefits                              | 8,710,100              | 8,747,100              | 37,000                   | 0.4%                  |
| <b>Total Labor and Benefits</b>                    | 20,166,900             | 20,261,400             | 94,500                   | 0.5%                  |
| <b>Less: Non-Operating Labor and Benefits</b>      |                        |                        |                          |                       |
| Labor Costs  | 1,282,300              | 1,512,100              | 229,800                  | 17.9%                 |
| Fringe Benefits Allocation                         | 740,600                | 901,800                | 161,200                  | 21.8%                 |
| Total WO Allocation                                | 2,022,900              | 2,413,900              | 391,000                  | 19.3%                 |
| <b>Operating Labor &amp; Benefits</b>              | 18,144,000             | 17,847,500             | (296,500)                | -1.6%                 |
| Total Overhead Allocation                          | 1,474,600              | 1,738,900              | 264,300                  | 17.9%                 |
| <b>Less: Overhead Allocation Personnel Portion</b> | 931,200                | 1,098,100              | 166,900                  | 17.9%                 |
| <i>Admin Portion of OH (36.85%)</i>                | 543,400                | 640,800                | 97,400                   | 17.9%                 |
| <b>Operating Labor and Benefits</b>                | \$ 17,212,800          | \$ 16,749,400          | \$ (463,400)             | -2.69%                |

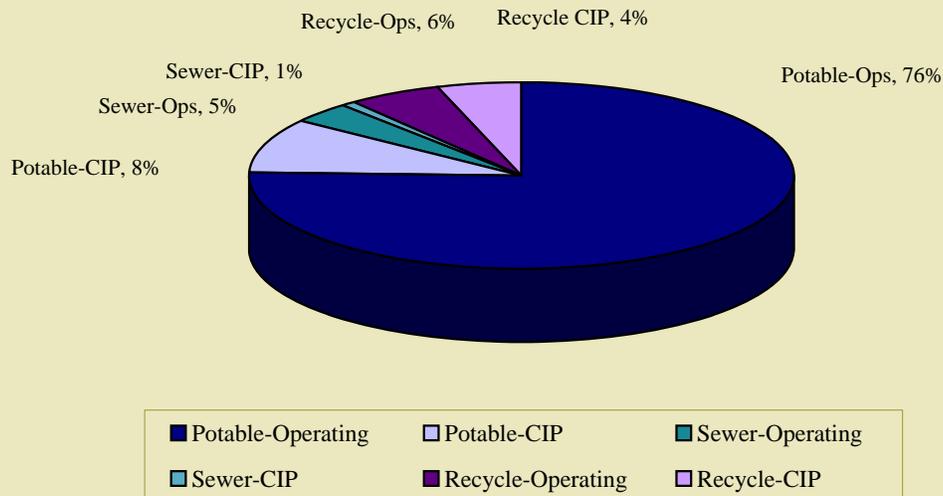
**FULL TIME EQUIVALENT (FTE)  
COMPARISON BY DEPARTMENT**

|          | GM | ADM | FIN | IT | OPS | ENG | Total |
|----------|----|-----|-----|----|-----|-----|-------|
| FY 09-10 | 6  | 20  | 38  | 13 | 68  | 21  | 166   |
| FY 10-11 | 6  | 19  | 35  | 12 | 66  | 21  | 159   |

## Labor and Benefits by Fund - Fiscal Year 2011

|   | <u>Potable</u>    | <u>Sewer</u>   | <u>Recycled</u>  | <u>Developer Reimbursed-CIP</u> | <u>Total</u>      |
|---|-------------------|----------------|------------------|---------------------------------|-------------------|
| Total Operating Labor Costs               | 9,250,200         | 303,300        | 448,700          | -                               | 10,002,200        |
| Benefits                                  | 7,345,100         | 188,000        | 312,200          | -                               | 7,845,300         |
| Overhead Allocation-Personnel Portion     | (1,644,300)       | 220,300        | 325,900          | -                               | (1,098,100)       |
| <b>Total Operating Labor and Benefits</b> | <b>14,951,000</b> | <b>711,600</b> | <b>1,086,800</b> | <b>-</b>                        | <b>16,749,400</b> |
| Total CIP Labor Costs                     | 806,400           | 69,000         | 432,700          | 204,000                         | 1,512,100         |
| Benefits                                  | 487,900           | 40,300         | 247,800          | 125,800                         | 901,800           |
| Overhead Allocation-Personnel Portion     | 585,700           | 50,100         | 314,200          | 148,100                         | 1,098,100         |
| <b>Total CIP Labor and Benefits</b>       | <b>1,880,000</b>  | <b>159,400</b> | <b>994,700</b>   | <b>477,900</b>                  | <b>3,512,000</b>  |
| <b>Total Labor and Benefits</b>           | <b>16,831,000</b> | <b>871,000</b> | <b>2,081,500</b> | <b>477,900</b>                  | <b>20,261,400</b> |

### LABOR and BENEFITS BY FUND



## Position Count by Department

|   | <u>FY 2009</u> | <u>2010</u>  | <u>2011</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            |
| Sr. Confidential Executive Secretary            | 1              | 1            | 1            |
| Communications Officer                          | 1              | 1            | 1            |
| <b>Total</b>                                    | <b>6</b>       | <b>6</b>     | <b>6</b>     |
| <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 Executive Secretary                | 0              | 1            | 1            |
| Confidential Secretary                          | 2              | 1            | 1            |
| <b>Total</b>                                    | <b>3</b>       | <b>3</b>     | <b>3</b>     |
| <b><u>Human Resources:</u></b>                  |                |              |              |
| Human Resources Manager                         | 1              | 1            | 1            |
| Senior Human Resources Analyst                  | 1              | 1            | 1            |
| Human Resources Analyst                         | 1              | 1            | 1            |
| Human Resources Technician                      | 1              | 1            | 1            |
| <b>Total</b>                                    | <b>4</b>       | <b>4</b>     | <b>4</b>     |
| <b><u>Purchasing:</u></b>                       |                |              |              |
| Purchasing and Facilities Manager               | 1              | 1            | 1            |
| Buyer I and II                                  | 2              | 2            | 0            |
| Senior Buyer                                    | 0              | 0            | 1            |
| Assistant Buyer                                 | 0              | 0            | 1            |
| Lead Warehouse/Facilities Worker                | 1              | 1            | 1            |
| Warehouse/Delivery Worker                       | 2              | 2            | 1            |
| Facilities Maintenance Technician               | 2              | 2            | 2            |
| Facilities Maintenance Assistant                | 1              | 1            | 0            |
| Records Assistant                               | 0              | 0            | 1            |
| <b>Total</b>                                    | <b>9</b>       | <b>9</b>     | <b>8</b>     |
| <b><u>Safety:</u></b>                           |                |              |              |
| Safety & Security Administrator                 | 1              | 1            | 1            |
| <b>Total</b>                                    | <b>1</b>       | <b>1</b>     | <b>1</b>     |
| <b><u>Conservation:</u></b>                     |                |              |              |
| Water Conservation Manager                      | 1              | 1            | 1            |
| Water Conservation Specialist                   | 2              | 2            | 2            |
| <b>Total</b>                                    | <b>3</b>       | <b>3</b>     | <b>3</b>     |
| <b>Total Administrative Services Department</b> |                |              |              |
|   | <b>20</b>      | <b>20</b>    | <b>19</b>    |
| <b>FTE</b>                                      | <b>20.00</b>   | <b>20.00</b> | <b>19.00</b> |

|  | <u>FY 2009</u> | <u>2010</u>  | <u>2011</u>  |
|--|----------------|--------------|--------------|
| <b><u>Controller and Budgetary Services:</u></b>             |                |              |              |
| Chief Financial Officer                                      | 1              | 1            | 1            |
| Executive Secretary  | 1              | 1            | 1            |
| Secretary  | 1              | 1            | 1            |
| Finance Manager, Controller and Budget                       | 1              | 1            | 1            |
| Senior Accountant  | 2              | 2            | 2            |
| Accountant   | 1              | 1            | 1            |
| <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                                  | 2              | 2            | 2            |
| Sr. Customer Service Representative                          | 2              | 2            | 2            |
| Customer Service Representative I, II, III                   | 8              | 9            | 8            |
| Lead Customer Service Field Representative                   | 1              | 1            | 1            |
| Customer Service Field Representative I and II               | 6              | 7            | 5            |
| <b>Total</b>   | <u>20</u>      | <u>22</u>    | <u>19</u>    |
| <b><u>Payroll and Accounts Payable:</u></b>                  |                |              |              |
| Finance Supervisor, Payroll and Accounts Payable             | 1              | 1            | 1            |
| Payroll Technician   | 1              | 1            | 0            |
| Accounting Assistant   | 2              | 1            | 0            |
| Accounting Assistant/Payroll Technician                      | 0              | 0            | 2            |
| <b>Total</b>   | <u>4</u>       | <u>3</u>     | <u>3</u>     |
| <b>Total Finance Department</b>                              | <b>37</b>      | <b>38</b>    | <b>35</b>    |
| <b>FTE</b>   | <b>36.75</b>   | <b>38.00</b> | <b>35.00</b> |
| <b><u>Information Technology and Strategic Planning:</u></b> |                |              |              |
| Chief Information Officer                                    | 1              | 1            | 1            |
| GIS Manager  | 1              | 1            | 1            |
| IT Operations Manager  | 1              | 1            | 1            |
| GIS Programmer/Analyst                                       | 1              | 1            | 1            |
| GIS Analyst  | 0              | 0            | 1            |
| GIS Technician   | 2              | 2            | 1            |
| Network Engineer   | 1              | 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            | 0            |
| <b>Total</b>   | <u>13</u>      | <u>13</u>    | <u>12</u>    |
| <b>Total IT and Strategic Planning Department</b>            | <b>13</b>      | <b>13</b>    | <b>12</b>    |
| <b>FTE</b>   | <b>13.00</b>   | <b>13.00</b> | <b>12.00</b> |

|  | <u>FY 2009</u> | <u>2010</u>  | <u>2011</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                                   | 1              | 1            | 1            |
| Pump Electrical Supervisor                                 | 1              | 1            | 1            |
| Recycled Water Systems Supervisor                          | 1              | 1            | 1            |
| Lead Water Systems Operator                                | 2              | 2            | 2            |
| Water Systems Operator I, II, and III                      | 9              | 9            | 9            |
| Valve Maintenance Worker                                   | 1              | 1            | 1            |
| Sr. Disinfection Technician                                | 1              | 1            | 1            |
| Disinfection Technician                                    | 1              | 1            | 1            |
| Lead Recycled Water Distribution Operator                  | 1              | 1            | 1            |
| Recycled Water Distribution Operator                       | 3              | 3            | 3            |
| Senior SCADA Instrumentation Technician                    | 1              | 1            | 1            |
| SCADA Instrumentation Technician                           | 1              | 1            | 1            |
| Electrician I and II                                       | 2              | 2            | 2            |
| Pump Mechanic I and II                                     | 2              | 2            | 2            |
| <b>Total</b>   | <u>28</u>      | <u>28</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            | 4            |
| Utility Workers I and II                                   | 10             | 8            | 8            |
| Senior Utility/Equipment. Operator                         | 3              | 3            | 3            |
| Fleet Maintenance Supervisor                               | 1              | 1            | 1            |
| Equipment Shop Mechanic I and II                           | 3              | 3            | 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>33</u>      | <u>31</u>    | <u>30</u>    |
| <b><u>Collection/Treatment/Reclamation Operations:</u></b> |                |              |              |
| Reclamation Plant Supervisor                               | 1              | 1            | 1            |
| Lead Reclamation Plant Operator                            | 1              | 1            | 1            |
| Reclamation Plant Operator                                 | 3              | 3            | 3            |
| Laboratory Technicians I and II                            | 2              | 2            | 1            |
| <b>Total</b>   | <u>7</u>       | <u>7</u>     | <u>6</u>     |
| <b>Total Operations Department</b>                         | <b>70</b>      | <b>68</b>    | <b>66</b>    |
| <b>FTE</b>   | <b>70.00</b>   | <b>68.00</b> | <b>66.00</b> |
| <b><u>Engineering Management:</u></b>                      |                |              |              |
| Chief, Engineering   | 1              | 1            | 1            |
| Executive Secretary  | 1              | 1            | 1            |
| Secretary  | 1              | 1            | 1            |
| <b>Total</b>   | <u>3</u>       | <u>3</u>     | <u>3</u>     |

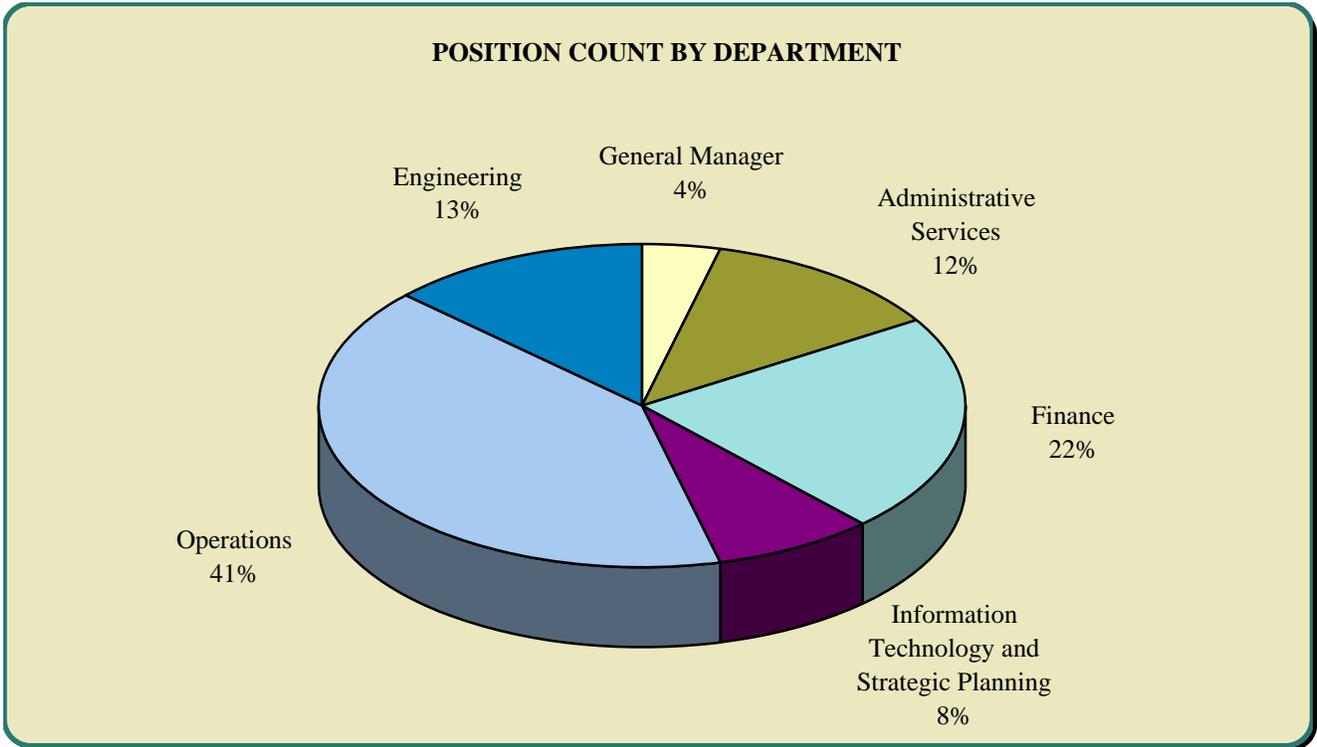
|                                     | <b>FY 2009</b> | <b>2010</b> | <b>2011</b> |
|-------------------------------------|----------------|-------------|-------------|
| <b>Engineering:</b>                 |                |             |             |
| Engineering Manager                 | 2              | 2           | 2           |
| Public Services Manager             | 1              | 1           | 1           |
| Senior Civil Engineer               | 2              | 1           | 1           |
| Associate Civil Engineer            | 2              | 2           | 2           |
| Assistant Civil Engineer            | 0              | 0           | 1           |
| Environmental Compliance Specialist | 1              | 1           | 1           |
| Permit Technicians I and II         | 2              | 2           | 2           |
| Senior Engineering Technician       | 3              | 3           | 2           |
| Inspection Supervisor               | 1              | 1           | 1           |
| Construction Inspectors I and II    | 3              | 2           | 2           |
| Supervising Land Surveyor           | 1              | 1           | 1           |
| Survey Technician                   | 1              | 1           | 1           |
| Assistant Survey Technician         | 1              | 1           | 1           |
| Office Assistant                    | 0              | 0           | 0           |
| <b>Total</b>                        | <b>20</b>      | <b>18</b>   | <b>18</b>   |

|                                      |               |               |               |
|--------------------------------------|---------------|---------------|---------------|
| <b>Total Engineering Department</b>  | <b>23</b>     | <b>21</b>     | <b>21</b>     |
| <b>FTE</b>                           | <b>23.00</b>  | <b>21.00</b>  | <b>21.00</b>  |
| <b>District Total Position Count</b> | <b>169</b>    | <b>166</b>    | <b>159</b>    |
| <b>FTE</b>                           | <b>168.75</b> | <b>166.00</b> | <b>159.00</b> |

#### Contract/Temporary Employees

|  |          |          |          |
|--|----------|----------|----------|
| Consultant                                     | 1        | 0        | 0        |
| Customer Service Field Representative I and II | 2        | 1        | 1        |
| Customer Service Representative I and II       | 0        | 1        | 0        |
| Administrative Analyst                         | 1        | 0        | 0        |
| County Water Authority Interns                 | 1        | 0        | 0        |
| Reclamation Plant Operator                     | 0        | 0        | 0        |
| Sr. Civil Engineers (P/T)                      | 0        | 0        | 0        |
| Sr. Engineering Technician                     | 0        | 1        | 1        |
| Engineering Intern                             | 1        | 0        | 0        |
| Strategic Planning Assistant                   | 0        | 1        | 1        |
| <b>Total Contract/Temporary Employees</b>      | <b>6</b> | <b>4</b> | <b>3</b> |

# Position Count by Department



## Operating Expenditures By Department

|   | FY 2009<br>Actual    | FY 2010<br>Budget    | FY 2011<br>Budget    |
|---|----------------------|----------------------|----------------------|
| <b>Departmental Expenditures</b>              |                      |                      |                      |
| Board of Directors                            | \$ 42,405            | \$ 98,100            | \$ 96,600            |
| General Manager                               | 1,687,607            | 1,667,100            | 1,790,600            |
| General Expense                               | 1,922,672            | 865,500              | 888,000              |
| Administrative Services                       | 3,337,536            | 3,912,500            | 3,935,200            |
| Finance                                       | 4,368,063            | 4,869,100            | 4,730,300            |
| Information Technology and Strategic Planning | 2,809,666            | 2,856,400            | 2,964,100            |
| Water Operations                              | 10,716,485           | 11,478,800           | 11,420,500           |
| Engineering <sup>(1)</sup>                    | 2,296,284            | 2,070,700            | 2,024,100            |
| <b>Total Departmental Expenditures</b>        | <b>27,180,718</b>    | <b>27,818,200</b>    | <b>27,849,400</b>    |
| Less: Overhead Allocation                     | (1,315,491)          | (1,474,600)          | (1,738,900)          |
| <b>Net Departmental Expenditures</b>          | <b>25,865,227</b>    | <b>26,343,600</b>    | <b>26,110,500</b>    |
| <b>Non-Departmental Expenditures</b>          |                      |                      |                      |
| Water Purchases                               | 29,398,334           | 35,855,500           | 35,057,200           |
| Power   | 2,905,101            | 2,637,100            | 2,520,700            |
| Debt Service                                  | -                    | -                    | -                    |
| Expansion Reserve                             | 5,016,700            | 1,610,000            | 2,775,000            |
| Betterment Reserve                            | -                    | 3,810,000            | 1,435,000            |
| Replacement Reserve                           | 277,900              | 3,660,000            | 6,965,000            |
| Transfer to Sewer General Fund                | -                    | 200,000              | -                    |
| Transfer Out/In Prop 1A                       | -                    | 270,300              | -                    |
| Transfer to General Fund Reserve              | -                    | 1,330,000            | 390,500              |
| Transfer to Sewer Replacement                 | -                    | -                    | 1,750,000            |
| <b>Total Non-Departmental Expenditures</b>    | <b>37,598,035</b>    | <b>49,372,900</b>    | <b>50,893,400</b>    |
| <b>TOTAL OPERATING EXPENDITURES</b>           | <b>\$ 63,463,262</b> | <b>\$ 75,716,500</b> | <b>\$ 77,003,900</b> |

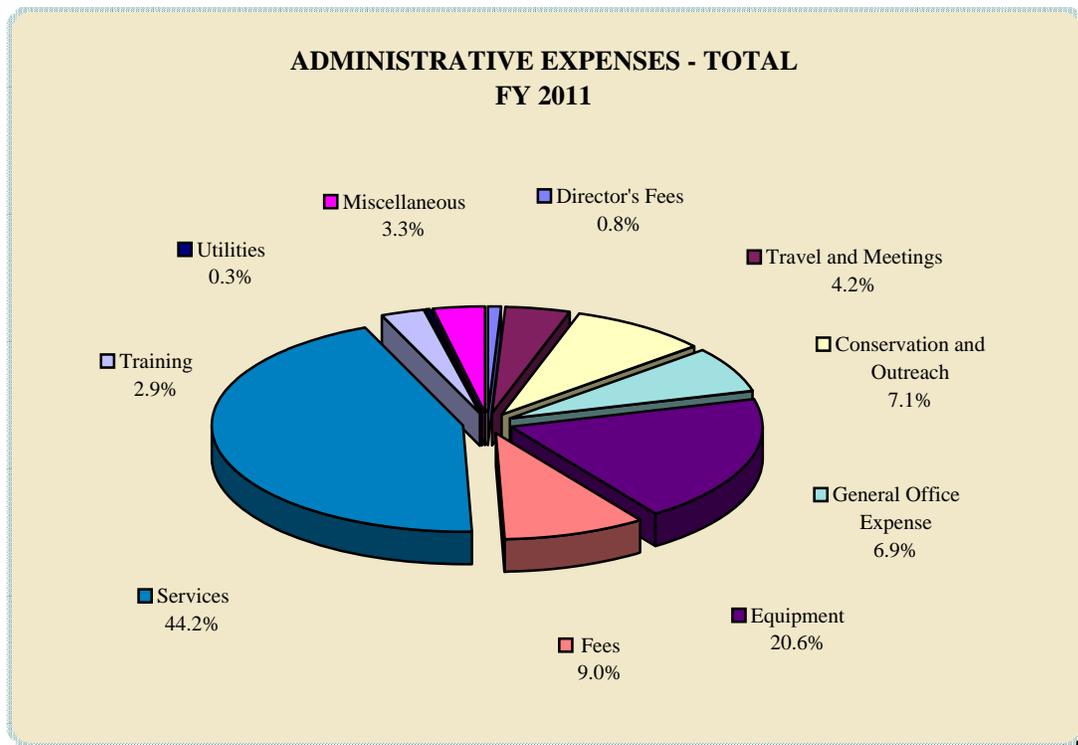
<sup>(1)</sup> Engineering, and Planning and Development Services sections combined in FY2008

## Operating Expenditures By Object

|                                      | FY 2009<br>Actual    | FY 2010<br>Budget    | FY 2011<br>Budget    |
|--------------------------------------|----------------------|----------------------|----------------------|
| <b>Departmental Expenditures</b>     |                      |                      |                      |
| Labor and Benefits                   | \$ 17,271,383        | \$ 18,144,000        | \$ 17,847,500        |
| Director's Fees                      | 20,200               | 40,000               | 40,000               |
| Travel and Meetings                  | 213,488              | 222,200              | 221,400              |
| Conservation and Outreach            | 254,209              | 352,800              | 479,700              |
| General Office Expense               | 397,104              | 434,500              | 368,700              |
| Equipment                            | 1,103,654            | 1,028,700            | 1,035,700            |
| Fees                                 | 1,977,392            | 1,373,800            | 1,392,500            |
| Services                             | 2,032,274            | 2,026,600            | 2,350,000            |
| Training                             | 146,746              | 156,500              | 151,800              |
| Materials & Maintenance              | 2,322,973            | 2,590,500            | 2,466,900            |
| Power and Utilities                  | 15,874               | 17,500               | 15,300               |
| Sewer Charges                        | 1,159,680            | 1,211,100            | 1,302,600            |
| Miscellaneous                        | 265,741              | 220,000              | 177,300              |
| Total Departmental Expenditures      | 27,180,718           | 27,818,200           | 27,849,400           |
| Less: Overhead Allocation            | (1,315,491)          | (1,474,600)          | (1,738,900)          |
| Net Departmental Expenditures        | 25,865,227           | 26,343,600           | 26,110,500           |
| <b>Non-Departmental Expenditures</b> |                      |                      |                      |
| Water Purchases                      | 29,398,334           | 35,855,500           | 35,057,200           |
| Power                                | 2,905,101            | 2,637,100            | 2,520,700            |
| Debt Service                         | -                    | -                    | -                    |
| Expansion Reserve                    | 5,016,700            | 1,610,000            | 2,775,000            |
| Betterment Reserve                   | -                    | 3,810,000            | 1,435,000            |
| Replacement Reserve                  | 277,900              | 3,660,000            | 6,965,000            |
| Transfer to Sewer General Fund       | -                    | 200,000              | -                    |
| Transfer Out/In Prop 1A              | -                    | 270,300              | -                    |
| Transfer to General Fund Reserve     | -                    | 1,330,000            | 390,500              |
| Transfer to Sewer Replacement        | -                    | -                    | 1,750,000            |
| Total Non-Departmental Expenditures  | 37,598,035           | 49,372,900           | 50,893,400           |
| <b>TOTAL OPERATING EXPENDITURES</b>  | <b>\$ 63,463,262</b> | <b>\$ 75,716,500</b> | <b>\$ 77,003,900</b> |

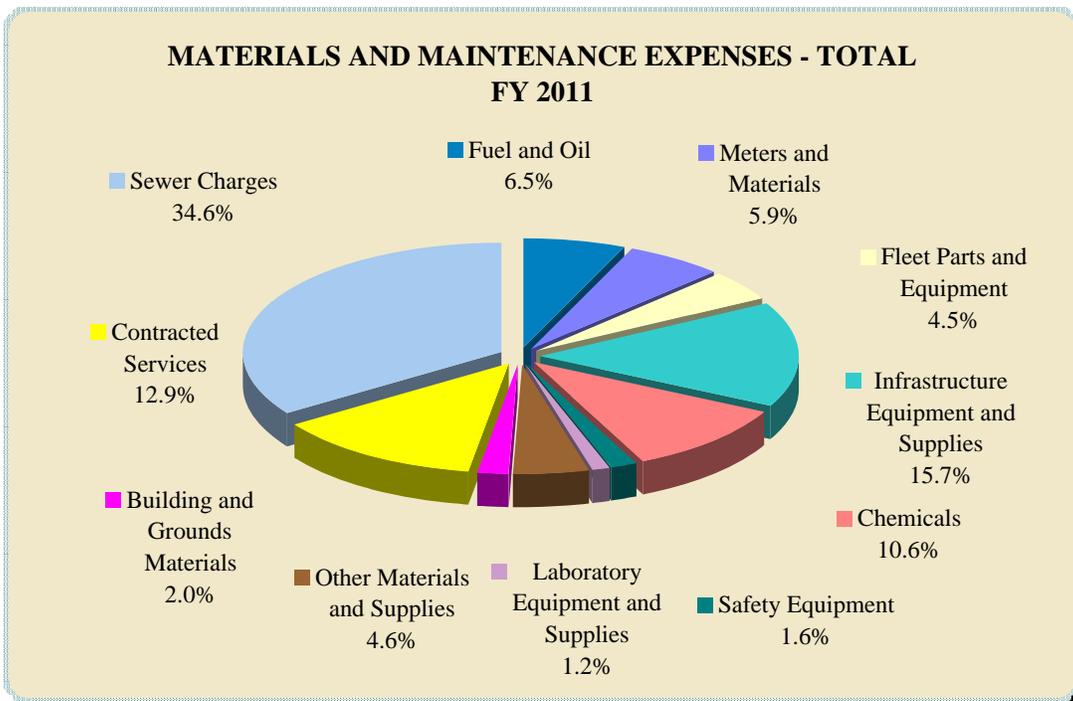
## Administrative Expenses - Total

|                                      | FY 2009<br>Actual   | FY 2010<br>Budget   | FY 2011<br>Budget   | Budget<br>Variance | %           |
|--------------------------------------|---------------------|---------------------|---------------------|--------------------|-------------|
| Director's Fees                      | \$ 20,200           | \$ 40,000           | \$ 40,000           | -                  | 0.0%        |
| Travel and Meetings                  | 213,488             | 222,200             | 221,400             | (800)              | (0.4%)      |
| Conservation and Outreach            | 254,209             | 352,800             | 479,700             | 126,900            | 36.0%       |
| General Office Expense               | 397,104             | 434,500             | 368,700             | (65,800)           | (15.1%)     |
| Equipment                            | 1,103,654           | 1,028,700           | 1,035,700           | 7,000              | 0.7%        |
| Fees                                 | 438,020             | 508,000             | 476,500             | (31,500)           | (6.2%)      |
| Services                             | 2,032,274           | 2,026,600           | 2,350,000           | 323,400            | 16.0%       |
| Training                             | 146,746             | 156,500             | 151,800             | (4,700)            | (3.0%)      |
| Utilities                            | 15,874              | 17,500              | 15,300              | (2,200)            | (12.6%)     |
| Miscellaneous                        | 265,741             | 220,000             | 177,300             | (42,700)           | (19.4%)     |
| <b>Total</b>                         | <b>4,887,310</b>    | <b>5,006,800</b>    | <b>5,316,400</b>    | <b>309,600</b>     | <b>6.2%</b> |
| Less: Overhead Allocation            | (484,758)           | (543,400)           | (640,800)           | (97,400)           | 17.9%       |
| <b>Subtotal</b>                      | <b>4,402,552</b>    | <b>4,463,400</b>    | <b>4,675,600</b>    | <b>212,200</b>     | <b>4.8%</b> |
| General Expenses                     | 1,539,372           | 865,800             | 916,000             | 50,200             | 5.8%        |
| <b>Total Administrative Expenses</b> | <b>\$ 5,941,924</b> | <b>\$ 5,329,200</b> | <b>\$ 5,591,600</b> | <b>\$ 262,400</b>  | <b>4.9%</b> |



## Materials And Maintenance Expenses - Total

|  | FY 2009<br>Actual          | FY 2010<br>Budget          | FY 2011<br>Budget          | Budget<br>Variance        | %                    |
|--|----------------------------|----------------------------|----------------------------|---------------------------|----------------------|
| <b>Materials and Maintenance</b>       |                            |                            |                            |                           |                      |
| Fuel and Oil                           | \$ 200,568                 | \$ 244,700                 | \$ 244,700                 | -                         | 0.0%                 |
| Meters and Materials                   | 156,384                    | 170,600                    | 222,100                    | 51,500                    | 30.2%                |
| Fleet Parts and Equipment              | 170,271                    | 164,000                    | 168,400                    | 4,400                     | 2.7%                 |
| Infrastructure Equipment and Supplies  | 654,616                    | 600,600                    | 591,900                    | (8,700)                   | (1.4%)               |
| Chemicals                              | 299,207                    | 454,500                    | 398,000                    | (56,500)                  | (12.4%)              |
| Safety Equipment                       | 38,903                     | 161,100                    | 60,300                     | (100,800)                 | (62.6%)              |
| Laboratory Equipment and Supplies      | 42,891                     | 47,000                     | 45,000                     | (2,000)                   | (4.3%)               |
| Other Materials and Supplies           | 120,864                    | 157,900                    | 173,700                    | 15,800                    | 10.0%                |
| Building and Grounds Materials         | 90,679                     | 86,600                     | 76,000                     | (10,600)                  | (12.2%)              |
| Contracted Services                    | 548,431                    | 503,500                    | 486,800                    | (16,700)                  | (3.3%)               |
| Materials and Maintenance              | <u>2,322,973</u>           | <u>2,590,500</u>           | <u>2,466,900</u>           | <u>(123,600)</u>          | <u>(4.8%)</u>        |
| <b>Sewer Charges</b>                   |                            |                            |                            |                           |                      |
| Metro O&M Costs                        | 913,033                    | 981,000                    | 1,038,600                  | 57,600                    | 5.9%                 |
| Spring Valley Sewer Charge             | 246,647                    | 230,100                    | 264,000                    | 33,900                    | 14.7%                |
| Total Sewer Charges                    | <u>1,159,680</u>           | <u>1,211,100</u>           | <u>1,302,600</u>           | <u>91,500</u>             | <u>7.6%</u>          |
| <b>Total Materials and Maintenance</b> | <b><u>\$ 3,482,653</u></b> | <b><u>\$ 3,801,600</u></b> | <b><u>\$ 3,769,500</u></b> | <b><u>\$ (32,100)</u></b> | <b><u>(0.8%)</u></b> |



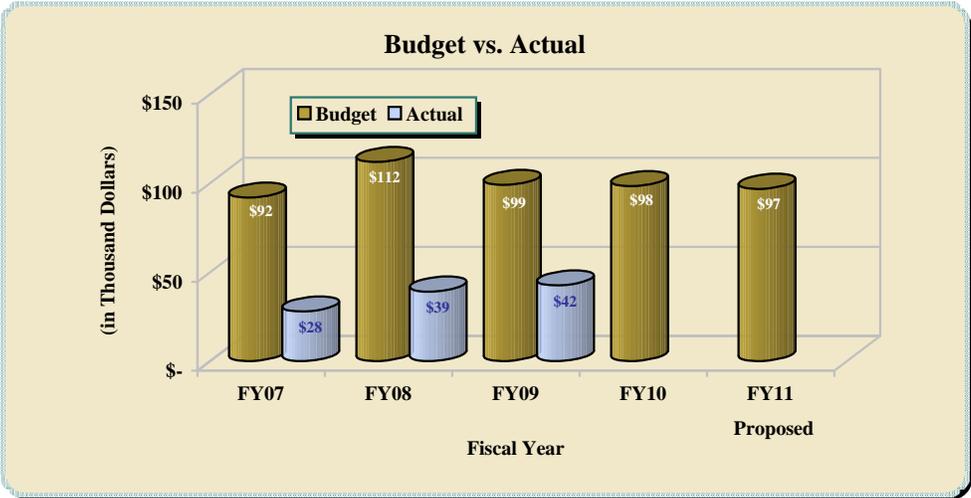


# **Board of Directors**



# Board Of Directors

| Board of Directors     | FY 2009<br>Actual | FY 2010<br>Budget | FY 2011<br>Budget |
|------------------------|-------------------|-------------------|-------------------|
| Benefits               | \$ 1,744          | \$ 40,000         | \$ 40,000         |
| Director's Fees        | 20,200            | 40,000            | 40,000            |
| Travel and Meetings    | 20,440            | 18,100            | 16,600            |
| General Office Expense | 20                | -                 | -                 |
| <b>Total</b>           | <b>\$ 42,405</b>  | <b>\$ 98,100</b>  | <b>\$ 96,600</b>  |



OTAY WATER DISTRICT  
**DIVISION 1111 - BOARD OF DIRECTORS**  
 FISCAL YEAR 2011 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           | 16,600 |
| Total Administrative Expenses | 56,600 |

|                             |                  |
|-----------------------------|------------------|
| <b>TOTAL DIVISION COSTS</b> | <b>\$ 96,600</b> |
|-----------------------------|------------------|

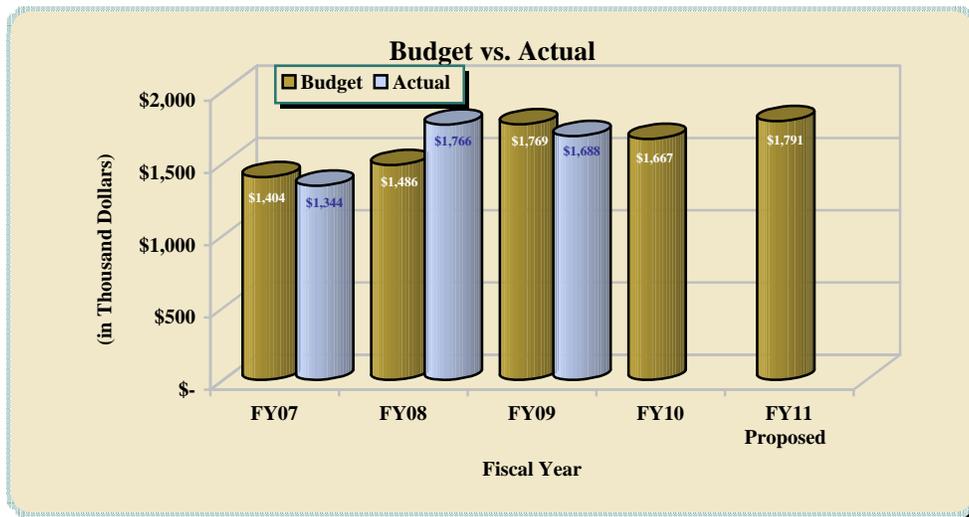


# **General Manager**



# General Manager

|                           | <b>FY 2009</b>      | <b>FY 2010</b>      | <b>FY 2011</b>      |
|---------------------------|---------------------|---------------------|---------------------|
|                           | <b>Actual</b>       | <b>Budget</b>       | <b>Budget</b>       |
| Labor and Benefits        | \$ 1,363,974        | \$ 1,309,400        | \$ 1,327,900        |
| Travel and Meetings       | 88,985              | 74,900              | 73,800              |
| Conservation and Outreach | 5,705               | 6,000               | 7,000               |
| General Office Expense    | 18,061              | 15,500              | 24,000              |
| Equipment                 | 2,031               | -                   | 1,500               |
| Fees                      | 45,482              | 39,000              | 46,000              |
| Services                  | 163,092             | 222,000             | 310,400             |
| Training                  | 25                  | 300                 | -                   |
| Miscellaneous             | 251                 | -                   | -                   |
| <b>Total</b>              | <b>\$ 1,687,607</b> | <b>\$ 1,667,100</b> | <b>\$ 1,790,600</b> |



OTAY WATER DISTRICT  
 DIVISION 1211 - GENERAL MANAGER  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|           |                         |            |
|-----------|-------------------------|------------|
| Labor:    | Operating Expense       | \$ 442,400 |
|           | Work Orders             | -          |
|           | Total Labor             | 442,400    |
| Benefits: | Operating Expense       | 305,200    |
|           | Work Orders             | -          |
|           | Total Benefits          | 305,200    |
|           | Total Operating Expense | 747,600    |
|           | Total Work Orders       | -          |
|           | Total Labor & Benefits  | 747,600    |

ADMINISTRATIVE EXPENSES

|                               |         |
|-------------------------------|---------|
| Travel and Meetings           | 58,100  |
| Conservation and Outreach     | 7,000   |
| General Office Expense        | 24,000  |
| Fees                          | 46,000  |
| Services                      | 310,400 |
| Training                      | -       |
| Total Administrative Expenses | 447,000 |

**TOTAL DIVISION COSTS** **\$ 1,194,600**

OTAY WATER DISTRICT  
 DIVISION 2111 - ASSISTANT GENERAL MANAGER - FINANCE AND ADMINISTRATIVE SERVICES  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|                             |                               |                   |
|-----------------------------|-------------------------------|-------------------|
| Labor:                      | Operating Expense             | \$ 181,800        |
|                             | Work Orders                   | -                 |
|                             | Total Labor                   | 181,800           |
| Benefits:                   | Operating Expense             | 118,700           |
|                             | Work Orders                   | -                 |
|                             | Total Benefits                | 118,700           |
|                             | Total Operating Expense       | 300,500           |
|                             | Total Work Orders             | -                 |
|                             | Total Labor & Benefits        | 300,500           |
| ADMINISTRATIVE EXPENSES     |                               |                   |
|                             | Travel and Meetings           | 6,000             |
|                             | Total Administrative Expenses | 6,000             |
| <b>TOTAL DIVISION COSTS</b> |                               | <b>\$ 306,500</b> |

OTAY WATER DISTRICT  
**DIVISION 3111 - ASSISTANT GENERAL MANAGER - ENGINEERING AND OPERATIONS**  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|                             |                               |                   |
|-----------------------------|-------------------------------|-------------------|
| Labor:                      | Operating Expense             | \$ 173,000        |
|                             | Work Orders                   | -                 |
|                             | Total Labor                   | 173,000           |
| Benefits:                   | Operating Expense             | 106,800           |
|                             | Work Orders                   | -                 |
|                             | Total Benefits                | 106,800           |
|                             | Total Operating Expense       | 279,800           |
|                             | Total Work Orders             | -                 |
|                             | Total Labor & Benefits        | 279,800           |
| ADMINISTRATIVE EXPENSES     |                               |                   |
|                             | Travel and Meetings           | 9,700             |
|                             | Total Administrative Expenses | 9,700             |
| <b>TOTAL DIVISION COSTS</b> |                               | <b>\$ 289,500</b> |

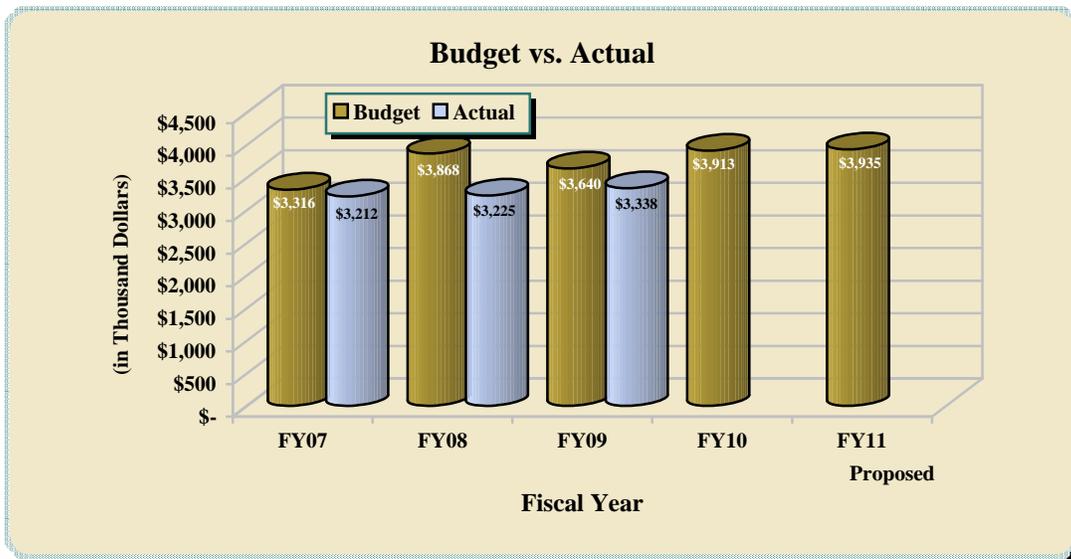


# **Administrative Services**



# Administrative Services

|                           | <b>FY 2009<br/>Actual</b> | <b>FY 2010<br/>Budget</b> | <b>FY 2011<br/>Budget</b> |
|---------------------------|---------------------------|---------------------------|---------------------------|
| Labor and Benefits        | \$ 2,094,097              | \$ 2,328,700              | \$ 2,382,200              |
| Travel and Meetings       | 14,047                    | 25,700                    | 25,200                    |
| Conservation and Outreach | 248,504                   | 346,800                   | 472,700                   |
| General Office Expense    | 123,882                   | 180,400                   | 126,000                   |
| Equipment                 | 84,655                    | 100,100                   | 76,200                    |
| Fees                      | 7,411                     | 8,000                     | 8,000                     |
| Services                  | 286,680                   | 325,900                   | 390,200                   |
| Training                  | 113,058                   | 119,800                   | 112,500                   |
| Materials & Maintenance   | 349,329                   | 459,600                   | 326,900                   |
| Power and Utilities       | 15,874                    | 17,500                    | 15,300                    |
| <b>Total</b>              | <b>\$ 3,337,536</b>       | <b>\$ 3,912,500</b>       | <b>\$ 3,935,200</b>       |



OTAY WATER DISTRICT  
 DIVISION 2211 - ADMINISTRATIVE CHIEF  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|                             |                               |                   |
|-----------------------------|-------------------------------|-------------------|
| Labor:                      | Operating Expense             | \$ 256,200        |
|                             | Work Orders                   | -                 |
|                             | Total Labor                   | 256,200           |
| Benefits:                   | Operating Expense             | 171,700           |
|                             | Work Orders                   | -                 |
|                             | Total Benefits                | 171,700           |
|                             | Total Operating Expense       | 427,900           |
|                             | Total Work Orders             | -                 |
|                             | Total Labor & Benefits        | 427,900           |
| ADMINISTRATIVE EXPENSES     |                               |                   |
|                             | Travel and Meetings           | 2,200             |
|                             | Training                      | 400               |
|                             | Total Administrative Expenses | 2,600             |
| <b>TOTAL DIVISION COSTS</b> |                               | <b>\$ 430,500</b> |

OTAY WATER DISTRICT  
 DIVISION 2221 - HUMAN RESOURCES  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|           |                         |            |
|-----------|-------------------------|------------|
| Labor:    | Operating Expense       | \$ 337,100 |
|           | Work Orders             | -          |
|           | Total Labor             | 337,100    |
| Benefits: | Operating Expense       | 248,000    |
|           | Work Orders             | -          |
|           | Total Benefits          | 248,000    |
|           | Total Operating Expense | 585,100    |
|           | Total Work Orders       | -          |
|           | Total Labor & Benefits  | 585,100    |

ADMINISTRATIVE EXPENSES

|                               |         |
|-------------------------------|---------|
| Travel and Meetings           | 8,500   |
| General Office Expense        | 2,600   |
| Services                      | 158,000 |
| Training                      | 98,000  |
| Total Administrative Expenses | 267,100 |

|                             |                   |
|-----------------------------|-------------------|
| <b>TOTAL DIVISION COSTS</b> | <b>\$ 852,200</b> |
|-----------------------------|-------------------|

OTAY WATER DISTRICT  
 DIVISION 2231 - PURCHASING  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|           |                         |            |
|-----------|-------------------------|------------|
| Labor:    | Operating Expense       | \$ 488,200 |
|           | Work Orders             | -          |
|           | Total Labor             | 488,200    |
| Benefits: | Operating Expense       | 367,700    |
|           | Work Orders             | -          |
|           | Total Benefits          | 367,700    |
|           | Total Operating Expense | 855,900    |
|           | Total Work Orders       | -          |
|           | Total Labor & Benefits  | 855,900    |

ADMINISTRATIVE EXPENSES

|                               |         |
|-------------------------------|---------|
| Travel and Meetings           | 2,200   |
| General Office Expense        | 115,600 |
| Equipment                     | 76,200  |
| Services                      | 104,700 |
| Training                      | 1,100   |
| Utilities                     | 15,300  |
| Total Administrative Expenses | 315,100 |

MATERIALS & MAINTENANCE

|                                |         |
|--------------------------------|---------|
| Building and Grounds Materials | 60,000  |
| Contracted Services            | 227,900 |
| Total Materials & Maintenance  | 287,900 |

**TOTAL DIVISION COSTS**

**\$ 1,458,900**

OTAY WATER DISTRICT  
 DIVISION 2241 - SAFETY  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|           |                         |           |
|-----------|-------------------------|-----------|
| Labor:    | Operating Expense       | \$ 88,400 |
|           | Work Orders             | -         |
|           | Total Labor             | 88,400    |
| Benefits: | Operating Expense       | 74,700    |
|           | Work Orders             | -         |
|           | Total Benefits          | 74,700    |
|           | Total Operating Expense | 163,100   |
|           | Total Work Orders       | -         |
|           | Total Labor & Benefits  | 163,100   |

ADMINISTRATIVE EXPENSES

|                               |         |
|-------------------------------|---------|
| Travel and Meetings           | 4,700   |
| General Office Expense        | 1,800   |
| Fees                          | 8,000   |
| Services                      | 108,900 |
| Training                      | 13,000  |
| Total Administrative Expenses | 136,400 |

MATERIALS & MAINTENANCE

|                               |        |
|-------------------------------|--------|
| Safety Equipment              | 39,000 |
| Total Materials & Maintenance | 39,000 |

**TOTAL DIVISION COSTS**

**\$ 338,500**

OTAY WATER DISTRICT  
**DIVISION 2251 - CONSERVATION**  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|           |                         |            |
|-----------|-------------------------|------------|
| Labor:    | Operating Expense       | \$ 206,900 |
|           | Work Orders             | -          |
|           | Total Labor             | 206,900    |
| Benefits: | Operating Expense       | 143,300    |
|           | Work Orders             | -          |
|           | Total Benefits          | 143,300    |
|           | Total Operating Expense | 350,200    |
|           | Total Work Orders       | -          |
|           | Total Labor & Benefits  | 350,200    |

ADMINISTRATIVE EXPENSES

|                               |         |
|-------------------------------|---------|
| Travel and Meetings           | 7,600   |
| Conservation and Outreach     | 472,700 |
| General Office Expense        | 6,000   |
| Services                      | 18,600  |
| Total Administrative Expenses | 504,900 |

|                             |                   |
|-----------------------------|-------------------|
| <b>TOTAL DIVISION COSTS</b> | <b>\$ 855,100</b> |
|-----------------------------|-------------------|

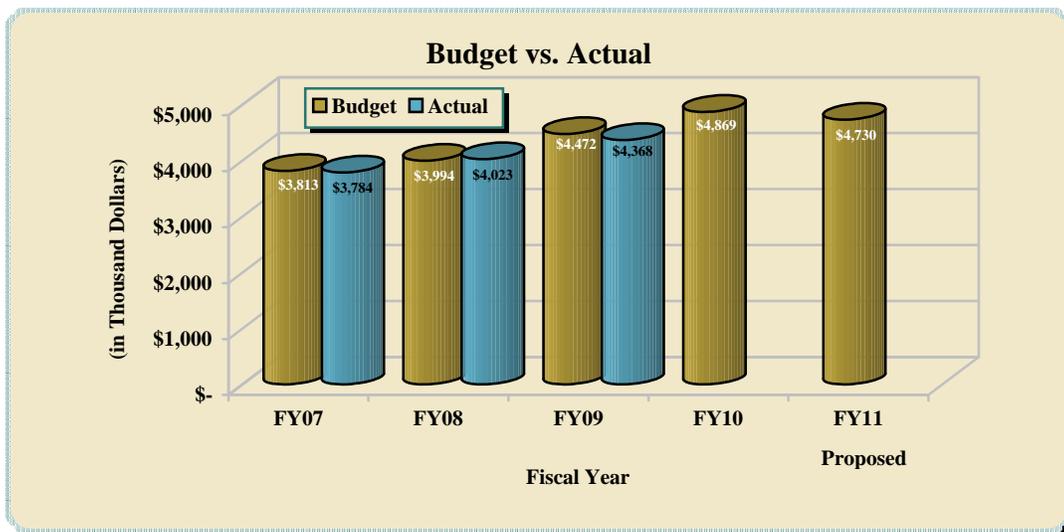


**Finance**



# Finance

|                        | <b>FY 2009<br/>Actual</b> | <b>FY 2010<br/>Budget</b> | <b>FY 2011<br/>Budget</b> |
|------------------------|---------------------------|---------------------------|---------------------------|
| Labor and Benefits     | \$ 3,636,729              | \$ 4,089,700              | \$ 4,027,500              |
| Travel and Meetings    | 19,198                    | 20,100                    | 19,100                    |
| General Office Expense | 239,183                   | 217,500                   | 197,400                   |
| Equipment              | 4,731                     | 200                       | 3,200                     |
| Fees                   | 294,019                   | 308,000                   | 308,000                   |
| Services               | 173,926                   | 233,000                   | 174,500                   |
| Training               | 278                       | 600                       | 600                       |
| <b>Total</b>           | <b>\$ 4,368,063</b>       | <b>\$ 4,869,100</b>       | <b>\$ 4,730,300</b>       |



OTAY WATER DISTRICT  
 DIVISION 2311 - FINANCE CHIEF  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|                             |                               |                   |
|-----------------------------|-------------------------------|-------------------|
| Labor:                      | Operating Expense             | \$ 265,200        |
|                             | Work Orders                   | -                 |
|                             | Total Labor                   | 265,200           |
| Benefits:                   | Operating Expense             | 174,700           |
|                             | Work Orders                   | -                 |
|                             | Total Benefits                | 174,700           |
|                             | Total Operating Expense       | 439,900           |
|                             | Total Work Orders             | -                 |
|                             | Total Labor & Benefits        | 439,900           |
| ADMINISTRATIVE EXPENSES     |                               |                   |
|                             | Travel and Meetings           | 4,200             |
|                             | General Office Expense        | 4,200             |
|                             | Total Administrative Expenses | 8,400             |
| <b>TOTAL DIVISION COSTS</b> |                               | <b>\$ 448,300</b> |

OTAY WATER DISTRICT  
 DIVISION 2321 - CONTROLLER AND BUDGETARY SERVICES  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|                             |                               |                   |
|-----------------------------|-------------------------------|-------------------|
| Labor:                      | Operating Expense             | \$ 349,900        |
|                             | Work Orders                   | -                 |
|                             | Total Labor                   | 349,900           |
| Benefits:                   | Operating Expense             | 234,700           |
|                             | Work Orders                   | -                 |
|                             | Total Benefits                | 234,700           |
|                             | Total Operating Expense       | 584,600           |
|                             | Total Work Orders             | -                 |
|                             | Total Labor & Benefits        | 584,600           |
| ADMINISTRATIVE EXPENSES     |                               |                   |
|                             | Travel and Meetings           | 3,000             |
|                             | General Office Expense        | 400               |
|                             | Services                      | 31,500            |
|                             | Total Administrative Expenses | 34,900            |
| <b>TOTAL DIVISION COSTS</b> |                               | <b>\$ 619,500</b> |

OTAY WATER DISTRICT  
 DIVISION 2331 - TREASURY AND ACCOUNTING SERVICES  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|           |                         |            |
|-----------|-------------------------|------------|
| Labor:    | Operating Expense       | \$ 485,700 |
|           | Work Orders             | -          |
|           | Total Labor             | 485,700    |
| Benefits: | Operating Expense       | 324,900    |
|           | Work Orders             | -          |
|           | Total Benefits          | 324,900    |
|           | Total Operating Expense | 810,600    |
|           | Total Work Orders       | -          |
|           | Total Labor & Benefits  | 810,600    |

ADMINISTRATIVE EXPENSES

|                               |         |
|-------------------------------|---------|
| Travel and Meetings           | 3,800   |
| General Office Expense        | 600     |
| Fees                          | 308,000 |
| Services                      | 25,000  |
| Total Administrative Expenses | 337,400 |

|                             |                     |
|-----------------------------|---------------------|
| <b>TOTAL DIVISION COSTS</b> | <b>\$ 1,148,000</b> |
|-----------------------------|---------------------|

OTAY WATER DISTRICT  
 DIVISION 2341 - CUSTOMER SERVICE  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|           |                         |              |
|-----------|-------------------------|--------------|
| Labor:    | Operating Expense       | \$ 1,036,400 |
|           | Work Orders             | -            |
|           | Total Labor             | 1,036,400    |
| Benefits: | Operating Expense       | 786,400      |
|           | Work Orders             | -            |
|           | Total Benefits          | 786,400      |
|           | Total Operating Expense | 1,822,800    |
|           | Total Work Orders       | -            |
|           | Total Labor & Benefits  | 1,822,800    |

ADMINISTRATIVE EXPENSES

|  |                               |         |
|--|-------------------------------|---------|
|  | Travel and Meetings           | 6,700   |
|  | General Office Expense        | 190,900 |
|  | Equipment                     | 3,200   |
|  | Services                      | 118,000 |
|  | Training                      | 600     |
|  | Total Administrative Expenses | 319,400 |

|                             |                     |
|-----------------------------|---------------------|
| <b>TOTAL DIVISION COSTS</b> | <b>\$ 2,142,200</b> |
|-----------------------------|---------------------|

OTAY WATER DISTRICT  
 DIVISION 2351 - PAYROLL AND ACCOUNTS PAYABLE  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|                             |                               |                   |
|-----------------------------|-------------------------------|-------------------|
| Labor:                      | Operating Expense             | \$ 201,400        |
|                             | Work Orders                   | -                 |
|                             | Total Labor                   | 201,400           |
| Benefits:                   | Operating Expense             | 168,200           |
|                             | Work Orders                   | -                 |
|                             | Total Benefits                | 168,200           |
|                             | Total Operating Expense       | 369,600           |
|                             | Total Work Orders             | -                 |
|                             | Total Labor & Benefits        | 369,600           |
| ADMINISTRATIVE EXPENSES     |                               |                   |
|                             | Travel and Meetings           | 1,400             |
|                             | General Office Expense        | 1,300             |
|                             | Total Administrative Expenses | 2,700             |
| <b>TOTAL DIVISION COSTS</b> |                               | <b>\$ 372,300</b> |

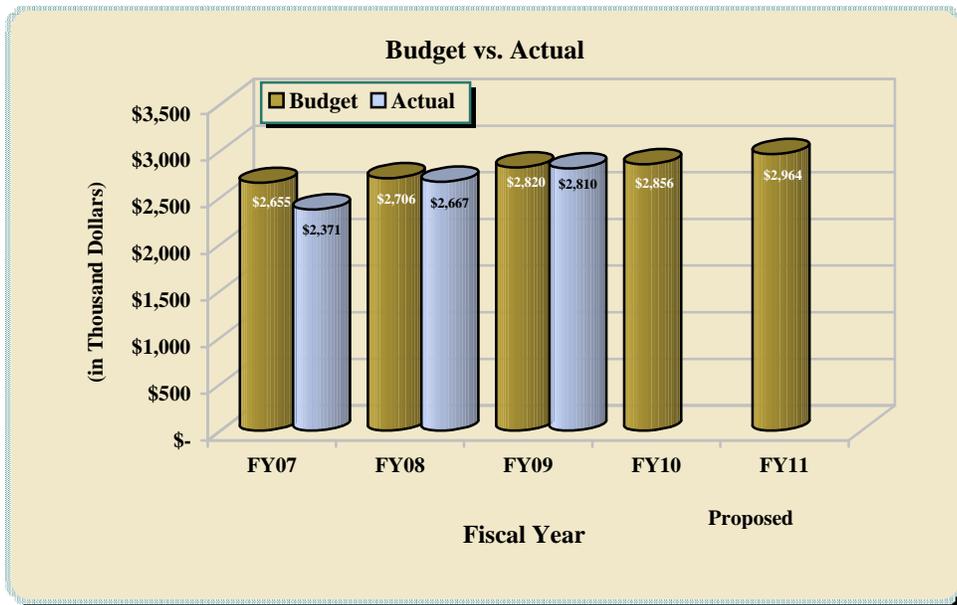


# **Information Technology and Strategic Planning**



# Information Technology And Strategic Planning

|                        | <b>FY 2009</b>      | <b>FY 2010</b>      | <b>FY 2011</b>      |
|------------------------|---------------------|---------------------|---------------------|
|                        | <b>Actual</b>       | <b>Budget</b>       | <b>Budget</b>       |
| Labor and Benefits     | \$ 1,666,372        | \$ 1,757,600        | \$ 1,863,800        |
| Travel and Meetings    | 11,083              | 13,900              | 13,000              |
| General Office Expense | 3,975               | 5,200               | 6,200               |
| Equipment              | 947,674             | 858,000             | 870,800             |
| Services               | 154,862             | 204,800             | 192,300             |
| Training               | 25,700              | 16,900              | 18,000              |
| <b>Total</b>           | <b>\$ 2,809,666</b> | <b>\$ 2,856,400</b> | <b>\$ 2,964,100</b> |



OTAY WATER DISTRICT  
 DIVISION 2411 - INFORMATION TECHNOLOGY AND STRATEGIC PLANNING CHIEF  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|           |                         |            |
|-----------|-------------------------|------------|
| Labor:    | Operating Expense       | \$ 556,300 |
|           | Work Orders             | -          |
|           | Total Labor             | 556,300    |
| Benefits: | Operating Expense       | 362,700    |
|           | Work Orders             | -          |
|           | Total Benefits          | 362,700    |
|           | Total Operating Expense | 919,000    |
|           | Total Work Orders       | -          |
|           | Total Labor & Benefits  | 919,000    |

ADMINISTRATIVE EXPENSES

|                               |        |
|-------------------------------|--------|
| Travel and Meetings           | 6,500  |
| General Office Expense        | 600    |
| Services                      | 35,000 |
| Training                      | 4,500  |
| Total Administrative Expenses | 46,600 |

**TOTAL DIVISION COSTS** **\$ 965,600**

OTAY WATER DISTRICT  
**DIVISION 2421 - INFORMATION TECHNOLOGY & STRATEGIC PLANNING OPERATIONS**  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|           |                         |            |
|-----------|-------------------------|------------|
| Labor:    | Operating Expense       | \$ 274,300 |
|           | Work Orders             | -          |
|           | Total Labor             | 274,300    |
| Benefits: | Operating Expense       | 167,800    |
|           | Work Orders             | -          |
|           | Total Benefits          | 167,800    |
|           | Total Operating Expense | 442,100    |
|           | Total Work Orders       | -          |
|           | Total Labor & Benefits  | 442,100    |

ADMINISTRATIVE EXPENSES

|                               |         |
|-------------------------------|---------|
| Travel and Meetings           | 2,200   |
| General Office Expense        | 1,200   |
| Equipment                     | 747,600 |
| Services                      | 149,800 |
| Training                      | 6,500   |
| Total Administrative Expenses | 907,300 |

**TOTAL DIVISION COSTS** **\$ 1,349,400**

OTAY WATER DISTRICT  
 DIVISION 2431 - GEOGRAPHIC INFORMATION SYSTEM  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|           |                         |            |
|-----------|-------------------------|------------|
| Labor:    | Operating Expense       | \$ 309,300 |
|           | Work Orders             | -          |
|           | Total Labor             | 309,300    |
| Benefits: | Operating Expense       | 193,400    |
|           | Work Orders             | -          |
|           | Total Benefits          | 193,400    |
|           | Total Operating Expense | 502,700    |
|           | Total Work Orders       | -          |
|           | Total Labor & Benefits  | 502,700    |

ADMINISTRATIVE EXPENSES

|                               |         |
|-------------------------------|---------|
| Travel and Meetings           | 4,300   |
| General Office Expense        | 4,400   |
| Equipment                     | 123,200 |
| Services                      | 7,500   |
| Training                      | 7,000   |
| Total Administrative Expenses | 146,400 |

**TOTAL DIVISION COSTS** **\$ 649,100**

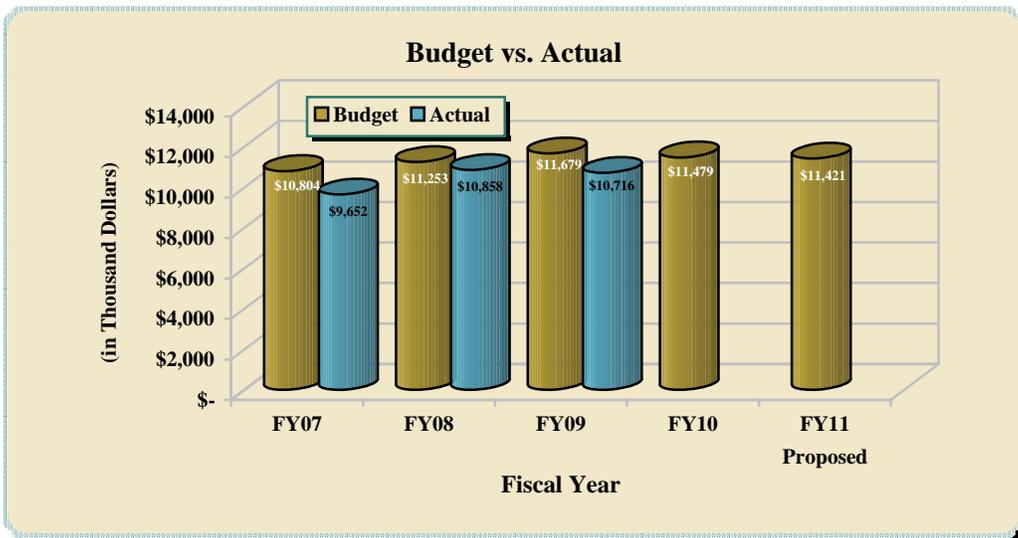


# **Water Operations**



# Water Operations

|                         | <b>FY 2009<br/>Actual</b> | <b>FY 2010<br/>Budget</b> | <b>FY 2011<br/>Budget</b> |
|-------------------------|---------------------------|---------------------------|---------------------------|
| Labor and Benefits      | \$ 6,717,225              | \$ 7,403,600              | \$ 7,144,300              |
| Travel and Meetings     | 46,628                    | 46,200                    | 51,000                    |
| General Office Expense  | 4,931                     | 6,600                     | 6,000                     |
| Equipment               | 58,810                    | 66,900                    | 68,900                    |
| Fees                    | 53,394                    | 88,000                    | 74,500                    |
| Services                | 431,260                   | 291,300                   | 441,900                   |
| Training                | 5,424                     | 14,200                    | 14,000                    |
| Materials & Maintenance | 1,973,644                 | 2,130,900                 | 2,140,000                 |
| Sewer Charges           | 1,159,680                 | 1,211,100                 | 1,302,600                 |
| Miscellaneous           | 265,490                   | 220,000                   | 177,300                   |
| <b>Total</b>            | <b>\$ 10,716,485</b>      | <b>\$ 11,478,800</b>      | <b>\$ 11,420,500</b>      |



OTAY WATER DISTRICT  
 DIVISION 3211 - WATER OPERATIONS CHIEF  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|           |                         |            |
|-----------|-------------------------|------------|
| Labor:    | Operating Expense       | \$ 214,300 |
|           | Work Orders             | -          |
|           | Total Labor             | 214,300    |
| Benefits: | Operating Expense       | 159,500    |
|           | Work Orders             | -          |
|           | Total Benefits          | 159,500    |
|           | Total Operating Expense | 373,800    |
|           | Total Work Orders       | -          |
|           | Total Labor & Benefits  | 373,800    |

ADMINISTRATIVE EXPENSES

|                               |        |
|-------------------------------|--------|
| Travel and Meetings           | 17,000 |
| General Office Expense        | 6,000  |
| Fees                          | 32,500 |
| Services                      | 4,000  |
| Training                      | 14,000 |
| Total Administrative Expenses | 73,500 |

**TOTAL DIVISION COSTS** **\$ 447,300**

OTAY WATER DISTRICT  
 DIVISION 3212 - WATER SYSTEMS MANAGER  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|                             |                         |                   |
|-----------------------------|-------------------------|-------------------|
| Labor:                      | Operating Expense       | \$ 125,200        |
|                             | Work Orders             | -                 |
|                             | Total Labor             | 125,200           |
| Benefits:                   | Operating Expense       | 75,400            |
|                             | Work Orders             | -                 |
|                             | Total Benefits          | 75,400            |
|                             | Total Operating Expense | 200,600           |
|                             | Total Work Orders       | -                 |
|                             | Total Labor & Benefits  | 200,600           |
| <b>TOTAL DIVISION COSTS</b> |                         | <b>\$ 200,600</b> |

OTAY WATER DISTRICT  
DIVISION 3221 - WATER SYSTEM OPERATIONS  
FISCAL YEAR 2011 BUDGET

ADMINISTRATIVE EXPENSES

|                               |                |
|-------------------------------|----------------|
| Equipment                     | \$ 24,000      |
| Miscellaneous                 | 171,100        |
| Total Administrative Expenses | <u>195,100</u> |

**TOTAL DIVISION COSTS**

**\$ 195,100**

OTAY WATER DISTRICT  
**DIVISION 3223 - PUMP AND ELECTRIC**  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|           |                         |            |
|-----------|-------------------------|------------|
| Labor:    | Operating Expense       | \$ 292,700 |
|           | Work Orders             | 35,400     |
|           | Total Labor             | 328,100    |
| Benefits: | Operating Expense       | 260,900    |
|           | Work Orders             | 26,300     |
|           | Total Benefits          | 287,200    |
|           | Total Operating Expense | 553,600    |
|           | Total Work Orders       | 61,700     |
|           | Total Labor & Benefits  | 615,300    |

ADMINISTRATIVE EXPENSES

|  |                               |        |
|--|-------------------------------|--------|
|  | Equipment                     | 6,500  |
|  | Services                      | 84,000 |
|  | Total Administrative Expenses | 90,500 |

MATERIALS & MAINTENANCE

|  |                                     |         |
|--|-------------------------------------|---------|
|  | Infrastructure Equipment & Supplies | 151,000 |
|  | Safety Equipment                    | 3,000   |
|  | Other Materials & Supplies          | 300     |
|  | Building and Grounds Materials      | 1,000   |
|  | Total Materials & Maintenance       | 155,300 |

**TOTAL DIVISION COSTS**

**\$ 861,100**

OTAY WATER DISTRICT  
 DIVISION 3225 - WATER SYSTEM  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|           |                         |            |
|-----------|-------------------------|------------|
| Labor:    | Operating Expense       | \$ 983,100 |
|           | Work Orders             | 26,800     |
|           | Total Labor             | 1,009,900  |
| Benefits: | Operating Expense       | 697,900    |
|           | Work Orders             | 15,800     |
|           | Total Benefits          | 713,700    |
|           | Total Operating Expense | 1,681,000  |
|           | Total Work Orders       | 42,600     |
|           | Total Labor & Benefits  | 1,723,600  |

ADMINISTRATIVE EXPENSES

|  |                               |         |
|--|-------------------------------|---------|
|  | Equipment                     | 4,500   |
|  | Services                      | 119,400 |
|  | Total Administrative Expenses | 123,900 |

MATERIALS & MAINTENANCE

|  |                                     |         |
|--|-------------------------------------|---------|
|  | Infrastructure Equipment & Supplies | 111,000 |
|  | Chemicals                           | 358,000 |
|  | Safety Equipment                    | 6,000   |
|  | Other Materials & Supplies          | 500     |
|  | Contracted Services                 | 3,000   |
|  | Total Materials & Maintenance       | 478,500 |

**TOTAL DIVISION COSTS**

**\$ 2,326,000**

OTAY WATER DISTRICT  
 DIVISION 3226 - RECYCLED SYSTEM  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|           |                         |            |
|-----------|-------------------------|------------|
| Labor:    | Operating Expense       | \$ 334,800 |
|           | Work Orders             | 16,700     |
|           | Total Labor             | 351,500    |
| Benefits: | Operating Expense       | 292,200    |
|           | Work Orders             | 12,100     |
|           | Total Benefits          | 304,300    |
|           | Total Operating Expense | 627,000    |
|           | Total Work Orders       | 28,800     |
|           | Total Labor & Benefits  | 655,800    |

ADMINISTRATIVE EXPENSES

|  |                               |        |
|--|-------------------------------|--------|
|  | Equipment                     | 3,000  |
|  | Fees                          | 39,900 |
|  | Services                      | 27,500 |
|  | Total Administrative Expenses | 70,400 |

MATERIALS & MAINTENANCE

|  |                                     |       |
|--|-------------------------------------|-------|
|  | Infrastructure Equipment & Supplies | 1,000 |
|  | Safety Equipment                    | 300   |
|  | Other Materials & Supplies          | 300   |
|  | Total Materials & Maintenance       | 1,600 |

**TOTAL DIVISION COSTS**

**\$ 727,800**

OTAY WATER DISTRICT  
 DIVISION 3227 - SCADA  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|           |                         |           |
|-----------|-------------------------|-----------|
| Labor:    | Operating Expense       | \$ 87,000 |
|           | Work Orders             | 70,700    |
|           | Total Labor             | 157,700   |
| Benefits: | Operating Expense       | 74,800    |
|           | Work Orders             | 44,000    |
|           | Total Benefits          | 118,800   |
|           | Total Operating Expense | 161,800   |
|           | Total Work Orders       | 114,700   |
|           | Total Labor & Benefits  | 276,500   |

ADMINISTRATIVE EXPENSES

|  |                               |        |
|--|-------------------------------|--------|
|  | Equipment                     | -      |
|  | Services                      | 59,000 |
|  | Total Administrative Expenses | 59,000 |

MATERIALS & MAINTENANCE

|  |                                     |        |
|--|-------------------------------------|--------|
|  | Infrastructure Equipment & Supplies | 47,000 |
|  | Safety Equipment                    | 200    |
|  | Other Materials & Supplies          | 600    |
|  | Total Materials & Maintenance       | 47,800 |

**TOTAL DIVISION COSTS**

**\$ 383,300**

OTAY WATER DISTRICT  
 DIVISION 3231 - UTILITY MAINTENANCE/CONSTRUCTION  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|                             |                         |                   |
|-----------------------------|-------------------------|-------------------|
| Labor:                      | Operating Expense       | \$ 117,600        |
|                             | Work Orders             | -                 |
|                             | Total Labor             | 117,600           |
| Benefits:                   | Operating Expense       | 79,500            |
|                             | Work Orders             | -                 |
|                             | Total Benefits          | 79,500            |
|                             | Total Operating Expense | 197,100           |
|                             | Total Work Orders       | -                 |
|                             | Total Labor & Benefits  | 197,100           |
| <b>TOTAL DIVISION COSTS</b> |                         | <b>\$ 197,100</b> |

OTAY WATER DISTRICT  
 DIVISION 3232 - UTILITY MAINTENANCE  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|           |                         |            |
|-----------|-------------------------|------------|
| Labor:    | Operating Expense       | \$ 753,800 |
|           | Work Orders             | 194,600    |
|           | Total Labor             | 948,400    |
| Benefits: | Operating Expense       | 658,000    |
|           | Work Orders             | 139,100    |
|           | Total Benefits          | 797,100    |
|           | Total Operating Expense | 1,411,800  |
|           | Total Work Orders       | 333,700    |
|           | Total Labor & Benefits  | 1,745,500  |

ADMINISTRATIVE EXPENSES

|  |                               |       |
|--|-------------------------------|-------|
|  | Equipment                     | 2,300 |
|  | Total Administrative Expenses | 2,300 |

MATERIALS & MAINTENANCE

|  |                                     |         |
|--|-------------------------------------|---------|
|  | Meters & Materials                  | 8,500   |
|  | Infrastructure Equipment & Supplies | 185,000 |
|  | Safety Equipment                    | 2,000   |
|  | Other Materials & Supplies          | 122,500 |
|  | Contracted Services                 | 200,500 |
|  | Total Materials & Maintenance       | 518,500 |

**TOTAL DIVISION COSTS**

**\$ 2,266,300**

OTAY WATER DISTRICT  
 DIVISION 3233 - FLEET MAINTENANCE  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|           |                         |            |
|-----------|-------------------------|------------|
| Labor:    | Operating Expense       | \$ 273,800 |
|           | Work Orders             | -          |
|           | Total Labor             | 273,800    |
| Benefits: | Operating Expense       | 239,200    |
|           | Work Orders             | -          |
|           | Total Benefits          | 239,200    |
|           | Total Operating Expense | 513,000    |
|           | Total Work Orders       | -          |
|           | Total Labor & Benefits  | 513,000    |

ADMINISTRATIVE EXPENSES

|                               |        |
|-------------------------------|--------|
| Travel and Meetings           | 34,000 |
| Equipment                     | 13,100 |
| Fees                          | 2,100  |
| Services                      | 2,300  |
| Total Administrative Expenses | 51,500 |

MATERIALS & MAINTENANCE

|                                     |         |
|-------------------------------------|---------|
| Fuel & Oil                          | 232,700 |
| Fleet Parts & Equipment             | 168,400 |
| Infrastructure Equipment & Supplies | 37,400  |
| Building and Grounds Materials      | 15,000  |
| Total Materials & Maintenance       | 453,500 |

**TOTAL DIVISION COSTS**

**\$ 1,018,000**

OTAY WATER DISTRICT  
 DIVISION 3235 - METER SHOP  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|           |                         |            |
|-----------|-------------------------|------------|
| Labor:    | Operating Expense       | \$ 351,500 |
|           | Work Orders             | 59,800     |
|           | Total Labor             | 411,300    |
| Benefits: | Operating Expense       | 276,500    |
|           | Work Orders             | 39,500     |
|           | Total Benefits          | 316,000    |
|           | Total Operating Expense | 628,000    |
|           | Total Work Orders       | 99,300     |
|           | Total Labor & Benefits  | 727,300    |

ADMINISTRATIVE EXPENSES

|  |                               |        |
|--|-------------------------------|--------|
|  | Equipment                     | 15,000 |
|  | Total Administrative Expenses | 15,000 |

MATERIALS & MAINTENANCE

|  |                                     |         |
|--|-------------------------------------|---------|
|  | Meters & Materials                  | 213,600 |
|  | Infrastructure Equipment & Supplies | 10,000  |
|  | Safety Equipment                    | 1,200   |
|  | Other Materials & Supplies          | 49,500  |
|  | Contracted Services                 | 8,000   |
|  | Total Materials & Maintenance       | 282,300 |

**TOTAL DIVISION COSTS**

**\$ 1,024,600**

OTAY WATER DISTRICT  
DIVISION 3241 - COLLECTION/TREATMENT/RECYCLE OPERATION  
FISCAL YEAR 2011 BUDGET

ADMINISTRATIVE EXPENSES

|                               |              |
|-------------------------------|--------------|
| Miscellaneous                 | \$ 6,200     |
| Total Administrative Expenses | <u>6,200</u> |

SEWER CHARGES

|                            |                  |
|----------------------------|------------------|
| Metro O&M Costs            | 1,038,600        |
| Spring Valley Sewer Charge | <u>264,000</u>   |
| Total Sewer Charges        | <u>1,302,600</u> |

**TOTAL DIVISION COSTS**

**\$ 1,308,800**

OTAY WATER DISTRICT  
 DIVISION 3242 - COLLECTION SYSTEM  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|           |                         |           |
|-----------|-------------------------|-----------|
| Labor:    | Operating Expense       | \$ 99,700 |
|           | Work Orders             | -         |
|           | Total Labor             | 99,700    |
| Benefits: | Operating Expense       | 74,400    |
|           | Work Orders             | -         |
|           | Total Benefits          | 74,400    |
|           | Total Operating Expense | 174,100   |
|           | Total Work Orders       | -         |
|           | Total Labor & Benefits  | 174,100   |

MATERIALS & MAINTENANCE

|                                     |        |
|-------------------------------------|--------|
| Infrastructure Equipment & Supplies | 7,500  |
| Chemicals                           | 7,000  |
| Safety Equipment                    | 5,000  |
| Contracted Services                 | 21,000 |
| Total Materials & Maintenance       | 40,500 |

|                             |                   |
|-----------------------------|-------------------|
| <b>TOTAL DIVISION COSTS</b> | <b>\$ 214,600</b> |
|-----------------------------|-------------------|

OTAY WATER DISTRICT  
**DIVISION 3243 - LABORATORY**  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|           |                         |           |
|-----------|-------------------------|-----------|
| Labor:    | Operating Expense       | \$ 60,900 |
|           | Work Orders             | -         |
|           | Total Labor             | 60,900    |
| Benefits: | Operating Expense       | 54,200    |
|           | Work Orders             | -         |
|           | Total Benefits          | 54,200    |
|           | Total Operating Expense | 115,100   |
|           | Total Work Orders       | -         |
|           | Total Labor & Benefits  | 115,100   |

ADMINISTRATIVE EXPENSES

|  |                               |        |
|--|-------------------------------|--------|
|  | Services                      | 50,000 |
|  | Total Administrative Expenses | 50,000 |

MATERIALS & MAINTENANCE

|  |                                 |        |
|--|---------------------------------|--------|
|  | Laboratory Equipment & Supplies | 45,000 |
|  | Total Materials & Maintenance   | 45,000 |

|                             |  |                   |
|-----------------------------|--|-------------------|
| <b>TOTAL DIVISION COSTS</b> |  | <b>\$ 210,100</b> |
|-----------------------------|--|-------------------|

OTAY WATER DISTRICT  
 DIVISION 3244 - RECLAMATION PLANT  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|           |                         |            |
|-----------|-------------------------|------------|
| Labor:    | Operating Expense       | \$ 304,600 |
|           | Work Orders             | -          |
|           | Total Labor             | 304,600    |
| Benefits: | Operating Expense       | 202,800    |
|           | Work Orders             | -          |
|           | Total Benefits          | 202,800    |
|           | Total Operating Expense | 507,400    |
|           | Total Work Orders       | -          |
|           | Total Labor & Benefits  | 507,400    |

ADMINISTRATIVE EXPENSES

|  |                               |        |
|--|-------------------------------|--------|
|  | Equipment                     | 500    |
|  | Fees                          | -      |
|  | Total Administrative Expenses | 96,200 |

MATERIALS & MAINTENANCE

|  |                                     |         |
|--|-------------------------------------|---------|
|  | Fuel & Oil                          | 12,000  |
|  | Infrastructure Equipment & Supplies | 42,000  |
|  | Chemicals                           | 33,000  |
|  | Safety Equipment                    | 3,600   |
|  | Contracted Services                 | 26,400  |
|  | Total Materials & Maintenance       | 117,000 |

**TOTAL DIVISION COSTS**

**\$ 720,600**

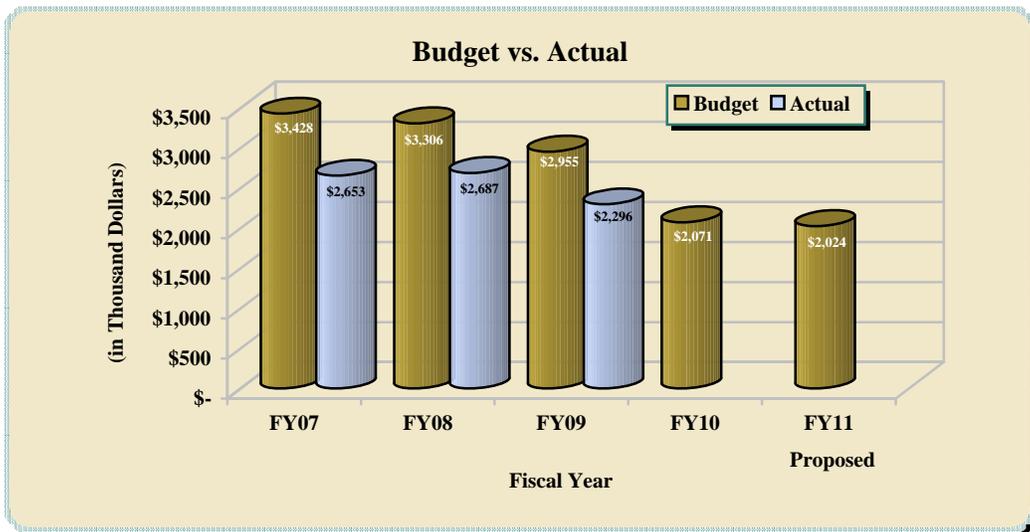


# Engineering



# Engineering

|                         | <b>FY 2009<br/>Actual</b> | <b>FY 2010<br/>Budget</b> | <b>FY 2011<br/>Budget</b> |
|-------------------------|---------------------------|---------------------------|---------------------------|
| Labor and Benefits      | \$ 1,407,942              | \$ 1,215,300              | \$ 1,089,800              |
| Travel and Meetings     | 13,107                    | 23,300                    | 22,700                    |
| General Office Expense  | 7,052                     | 9,300                     | 9,100                     |
| Equipment               | 5,754                     | 3,500                     | 15,100                    |
| Fees                    | 37,714                    | 65,000                    | 40,000                    |
| Services                | 822,454                   | 749,600                   | 840,700                   |
| Training                | 2,261                     | 4,700                     | 6,700                     |
| Materials & Maintenance | -                         | -                         | -                         |
| <b>Total</b>            | <b>\$ 2,296,284</b>       | <b>\$ 2,070,700</b>       | <b>\$ 2,024,100</b>       |



OTAY WATER DISTRICT  
**DIVISION 3311 - ENGINEERING CHIEF**  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|           |                         |            |
|-----------|-------------------------|------------|
| Labor:    | Operating Expense       | \$ 103,400 |
|           | Work Orders             | 167,700    |
|           | Total Labor             | 271,100    |
| Benefits: | Operating Expense       | 86,400     |
|           | Work Orders             | 85,600     |
|           | Total Benefits          | 172,000    |
|           | Total Operating Expense | 189,800    |
|           | Total Work Orders       | 253,300    |
|           | Total Labor & Benefits  | 443,100    |

ADMINISTRATIVE EXPENSES

|  |                               |        |
|--|-------------------------------|--------|
|  | Travel and Meetings           | 22,700 |
|  | General Office Expense        | 9,100  |
|  | Equipment                     | -      |
|  | Training                      | 6,700  |
|  | Total Administrative Expenses | 38,500 |

|                             |                   |
|-----------------------------|-------------------|
| <b>TOTAL DIVISION COSTS</b> | <b>\$ 481,600</b> |
|-----------------------------|-------------------|

OTAY WATER DISTRICT  
DIVISION 3321 - PLANNING  
FISCAL YEAR 2011 BUDGET

ADMINISTRATIVE EXPENSES

Services

\$ 550,000

Total Administrative Expenses

550,000

**TOTAL DIVISION COSTS**

**\$ 550,000**

OTAY WATER DISTRICT  
 DIVISION 3331 - DESIGN  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|                             |                               |                     |
|-----------------------------|-------------------------------|---------------------|
| Labor:                      | Operating Expense             | \$ 77,400           |
|                             | Work Orders                   | 516,600             |
|                             | Total Labor                   | 594,000             |
| Benefits:                   | Operating Expense             | 115,300             |
|                             | Work Orders                   | 282,700             |
|                             | Total Benefits                | 398,000             |
|                             | Total Operating Expense       | 192,700             |
|                             | Total Work Orders             | 799,300             |
|                             | Total Labor & Benefits        | 992,000             |
| ADMINISTRATIVE EXPENSES     |                               |                     |
|                             | Services                      | 125,000             |
|                             | Total Administrative Expenses | 125,000             |
| <b>TOTAL DIVISION COSTS</b> |                               | <b>\$ 1,117,000</b> |

OTAY WATER DISTRICT  
 DIVISION 3341 - WATER RESOURCES  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|                             |                               |                   |
|-----------------------------|-------------------------------|-------------------|
| Labor:                      | Operating Expense             | \$ 69,100         |
|                             | Work Orders                   | 55,400            |
|                             | Total Labor                   | 124,500           |
| Benefits:                   | Operating Expense             | 55,300            |
|                             | Work Orders                   | 32,100            |
|                             | Total Benefits                | 87,400            |
|                             | Total Operating Expense       | 124,400           |
|                             | Total Work Orders             | 87,500            |
|                             | Total Labor & Benefits        | 211,900           |
| ADMINISTRATIVE EXPENSES     |                               |                   |
|                             | Services                      | 30,000            |
|                             | Total Administrative Expenses | 30,000            |
| <b>TOTAL DIVISION COSTS</b> |                               | <b>\$ 241,900</b> |

OTAY WATER DISTRICT  
 DIVISION 3421 - PUBLIC SERVICES  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|                             |                         |                   |
|-----------------------------|-------------------------|-------------------|
| Labor:                      | Operating Expense       | \$ 101,200        |
|                             | Work Orders             | 117,300           |
|                             | Total Labor             | 218,500           |
| Benefits:                   | Operating Expense       | 82,100            |
|                             | Work Orders             | 65,000            |
|                             | Total Benefits          | 147,100           |
|                             | Total Operating Expense | 183,300           |
|                             | Total Work Orders       | 182,300           |
|                             | Total Labor & Benefits  | 365,600           |
| <b>TOTAL DIVISION COSTS</b> |                         | <b>\$ 365,600</b> |

OTAY WATER DISTRICT  
**DIVISION 3431 - CONSTRUCTION SERVICES**  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|                             |                               |                   |
|-----------------------------|-------------------------------|-------------------|
| Labor:                      | Operating Expense             | \$ 62,000         |
|                             | Work Orders                   | 145,400           |
|                             | Total Labor                   | 207,400           |
| Benefits:                   | Operating Expense             | 67,200            |
|                             | Work Orders                   | 94,900            |
|                             | Total Benefits                | 162,100           |
|                             | Total Operating Expense       | 129,200           |
|                             | Total Work Orders             | 240,300           |
|                             | Total Labor & Benefits        | 369,500           |
| ADMINISTRATIVE EXPENSES     |                               |                   |
|                             | Services                      | -                 |
|                             | Total Administrative Expenses | 4,000             |
| <b>TOTAL DIVISION COSTS</b> |                               | <b>\$ 373,500</b> |

OTAY WATER DISTRICT  
**DIVISION 3441 - SURVEY SERVICES**  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|           |                         |            |
|-----------|-------------------------|------------|
| Labor:    | Operating Expense       | \$ 106,800 |
|           | Work Orders             | 91,400     |
|           | Total Labor             | 198,200    |
| Benefits: | Operating Expense       | 95,700     |
|           | Work Orders             | 55,200     |
|           | Total Benefits          | 150,900    |
|           | Total Operating Expense | 202,500    |
|           | Total Work Orders       | 146,600    |
|           | Total Labor & Benefits  | 349,100    |

ADMINISTRATIVE EXPENSES

|  |                               |        |
|--|-------------------------------|--------|
|  | Equipment                     | 11,100 |
|  | Services                      | 10,700 |
|  | Total Administrative Expenses | 21,800 |

**TOTAL DIVISION COSTS**

**\$ 370,900**

OTAY WATER DISTRICT  
**DIVISION 3451 - ENVIRONMENTAL SERVICES**  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|           |                         |           |
|-----------|-------------------------|-----------|
| Labor:    | Operating Expense       | \$ 35,000 |
|           | Work Orders             | 45,200    |
|           | Total Labor             | 80,200    |
| Benefits: | Operating Expense       | 32,900    |
|           | Work Orders             | 27,900    |
|           | Total Benefits          | 60,800    |
|           | Total Operating Expense | 67,900    |
|           | Total Work Orders       | 73,100    |
|           | Total Labor & Benefits  | 141,000   |

ADMINISTRATIVE EXPENSES

|  |                               |         |
|--|-------------------------------|---------|
|  | Fees                          | 40,000  |
|  | Services                      | 125,000 |
|  | Total Administrative Expenses | 165,000 |

**TOTAL DIVISION COSTS**

**\$ 306,000**





# General Expense



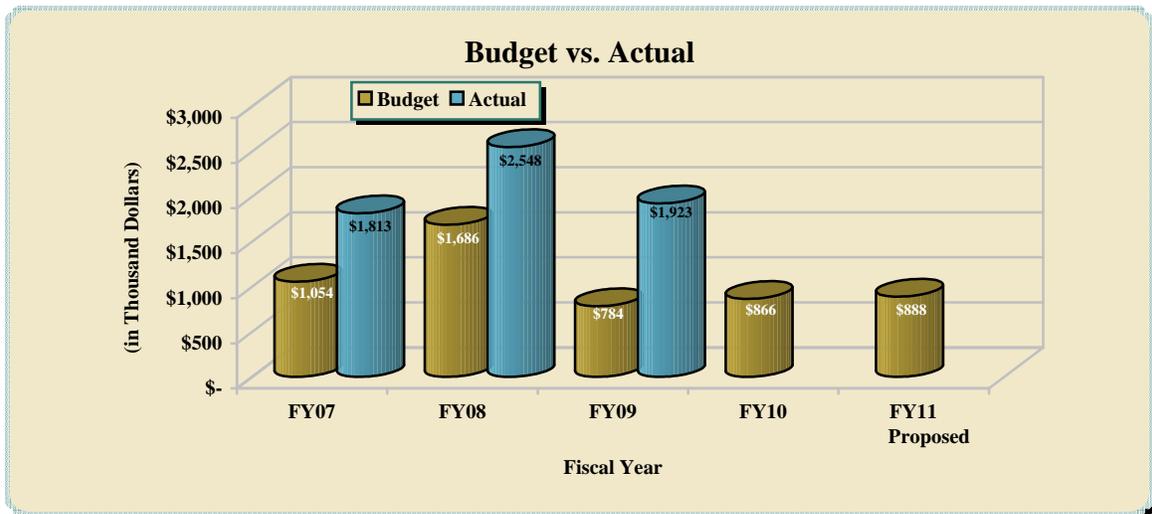
## General Expense

Labor and Benefits <sup>(1)</sup>

Fees

**Total**

|                                   | FY 2009<br>Actual   | FY 2010<br>Budget | FY 2011<br>Budget |
|-----------------------------------|---------------------|-------------------|-------------------|
| Labor and Benefits <sup>(1)</sup> | \$ 383,300          | \$ (300)          | \$ (28,000)       |
| Fees                              | 1,539,372           | 865,800           | 916,000           |
| <b>Total</b>                      | <b>\$ 1,922,672</b> | <b>\$ 865,500</b> | <b>\$ 888,000</b> |



<sup>(1)</sup> FY 2011 and FY 2010 budget amounts are negative because of Vacancy Factor (salary savings) of \$204,200 and \$207,200 respectively. This is netted against other District-wide Labor and Benefit Expenses. In prior years Vacancy Factor was budgeted in the individual departments.

OTAY WATER DISTRICT  
 DIVISION 1311 - GENERAL EXPENSE  
 FISCAL YEAR 2011 BUDGET

LABOR & BENEFITS

|                             |                         |                    |
|-----------------------------|-------------------------|--------------------|
| Labor:                      | Operating Expense       | \$ (204,200)       |
|                             | Work Orders             | (30,900)           |
|                             | Total Labor             | (235,100)          |
| Benefits:                   | Operating Expense       | 176,200            |
|                             | Work Orders             | (18,400)           |
|                             | Total Benefits          | 157,800            |
|                             | Total Operating Expense | (28,000)           |
|                             | Total Work Orders       | (49,300)           |
|                             | Total Labor & Benefits  | (77,300)           |
| <b>TOTAL DIVISION COSTS</b> |                         | <b>\$ (77,300)</b> |



# Capital Budget

---



## CIP Projects (\$1,000s)

| CIP No.                             | Description   | FY 11         | FY 12         | FY 13         | FY 14         | FY 15         | FY 16        | Total          |
|-------------------------------------|---|---------------|---------------|---------------|---------------|---------------|--------------|----------------|
| <b>CAPITAL FACILITY PROJECTS</b>    |   |               |               |               |               |               |              |                |
| P2009                               | PL - 36-Inch, SDCWA Otay FCF No. 14 to Regulatory Site                          | \$ 2,200      | \$ -          | \$ -          | \$ -          | \$ -          | \$ -         | \$ 2,200       |
| P2038                               | PL - 12-Inch, 978 Zone, Jamacha, Hidden Mesa, and Chase Upsize and Replacements | 130           | -             | -             | -             | -             | -            | 130            |
| P2083                               | PS - 870-2 Pump Station Replacement (28,000 GPM)                                | 50            | 1,000         | 4,000         | 6,000         | 950           | -            | 12,000         |
| P2143                               | Res - 1296-3 Reservoir 2 MG   | 5             | -             | -             | -             | -             | -            | 5              |
| P2172                               | PS - 1485-1 Pump Station Replacement  | 5             | -             | -             | -             | -             | -            | 5              |
| P2191                               | Res - 850-4 Reservoir 2.2 MG  | 5             | -             | -             | -             | -             | -            | 5              |
| P2318                               | PL - 20-Inch, 657 Zone, Summit Cross-Tie and 36-Inch Main Connections           | 100           | 230           | 200           | -             | -             | -            | 530            |
| P2357                               | PS - 657-1/850-1 Pump Station Demolition  | 50            | 250           | -             | -             | -             | -            | 300            |
| P2370                               | Res - Dorchester Reservoir and Pump Station Demolition                          | 67            | 70            | -             | -             | -             | -            | 137            |
| P2391                               | PS - Perdue WTP Pump Station (10,000 GPM)                                       | 5             | 182           | 300           | 2,700         | 4,700         | 4,000        | 11,887         |
| P2399                               | PL - 30-Inch, 980 Zone, 980 Reservoirs to Hunte Parkway                         | 200           | 650           | 10            | -             | -             | -            | 860            |
| P2431                               | Res - 980-4 Reservoir 5 MG  | 5             | 45            | 1,000         | 4,800         | 50            | -            | 5,900          |
| P2434                               | Rancho Del Rey Groundwater Well Development                                     | 1,000         | 1,500         | 250           | -             | -             | -            | 2,750          |
| P2451                               | Rosario Desalination Facility Conveyance and Disinfection System                | 1,000         | 12,000        | 12,500        | 4,200         | -             | -            | 29,700         |
| P2466                               | Regional Training Facility  | 24            | -             | -             | -             | -             | -            | 24             |
| P2467                               | San Diego Formation Groundwater Feasibility Study                               | 600           | 400           | -             | -             | -             | -            | 1,000          |
| P2471                               | 850/657 PRS at La Presa Pump Station  | 240           | -             | -             | -             | -             | -            | 240            |
| P2472                               | Water Supply Feasibility Studies  | 30            | 30            | 30            | 30            | 30            | -            | 150            |
| P2473                               | PS - 711-1 Pump Station Improvement   | 200           | 250           | -             | -             | -             | -            | 450            |
| P2474                               | Fuel Storage Covers and Containment   | 50            | 50            | -             | -             | -             | -            | 100            |
| P2475                               | Pump Station Fire Hydrant Installations   | 45            | -             | -             | -             | -             | -            | 45             |
| P2481                               | Middle Sweetwater River Basin Groundwater Well Feasibility                      | 50            | 770           | -             | -             | -             | -            | 820            |
| P2488                               | Del Rio Road Helix and Otay Agency Interconnection                              | 120           | 5             | -             | -             | -             | -            | 125            |
| P2489                               | Gillispie Drive Helix and Otay Agency Interconnection                           | 135           | 5             | -             | -             | -             | -            | 140            |
| P2497                               | Solar Power Feasibility Study   | 150           | -             | -             | -             | -             | -            | 150            |
| P2502                               | 803-1 Pump Station Modifications  | 50            | 150           | -             | -             | -             | -            | 200            |
| P2503                               | 850-2 Pump Station Modifications  | 150           | 500           | -             | -             | -             | -            | 650            |
| P2510                               | Operations Yard Improvements  | 25            | 335           | 10            | -             | -             | -            | 370            |
| P2511                               | North District - South District Interconnection System                          | 800           | 2,200         | 15,000        | 10,200        | 9,100         | -            | 37,300         |
| R2034                               | RecRes - 860-1 Reservoir 4 MG   | 200           | 2,200         | 1,370         | -             | -             | -            | 3,770          |
| R2048                               | RecPL - Otay Mesa Distribution Pipelines and Conversions                        | 250           | 850           | 1,040         | -             | -             | -            | 2,140          |
| R2058                               | RecPL - 16-Inch, 860 Zone, Airway Road - Otay Mesa/Alta                         | 1,000         | 1,495         | 5             | -             | -             | -            | 2,500          |
| R2077                               | RecPL - 24-Inch, 860 Zone, Alta Road - Alta Gate/Airway                         | 1,750         | 2,121         | 5             | -             | -             | -            | 3,876          |
| R2087                               | RecPL - 24-Inch, 927 Zone, Wueste Road - Olympic/Otay WTP                       | 3,378         | 3,000         | 5             | -             | -             | -            | 6,383          |
| R2088                               | RecPL - 30-Inch, 860 Zone, County Jail - Roll Reservoir/860-1 Reservoir         | 240           | 1,200         | 2,000         | -             | -             | -            | 3,440          |
| R2091                               | RecPS - 927-1 Pump Station Upgrade (10,000 GPM) and System Enhancements         | 1,250         | 500           | 450           | -             | -             | 1,550        | 3,750          |
| R2092                               | Dis - 450-1 Reservoir Disinfection Facility                                     | 2             | -             | -             | -             | -             | -            | 2              |
| R2093                               | MBR City of Chula Vista Feasibility Study                                       | 120           | -             | -             | -             | -             | -            | 120            |
| R2094                               | Potable Irrigation Meters to Recycled Water Conversions                         | 500           | 500           | 850           | -             | -             | -            | 1,850          |
| <b>39</b>                           | <b>Total Capital Facility Projects</b>  | <b>16,181</b> | <b>32,488</b> | <b>39,025</b> | <b>27,930</b> | <b>14,830</b> | <b>5,550</b> | <b>136,004</b> |
| <b>REPLACEMENT/RENEWAL PROJECTS</b> |   |               |               |               |               |               |              |                |
| P2366                               | APCD Engine Replacements and Retrofits  | 442           | 220           | 200           | 200           | 200           | 200          | 1,462          |
| P2382                               | Safety and Security Improvements  | 102           | 102           | 102           | 5             | 5             | 5            | 321            |
| P2416                               | SR-125 Utility Relocations  | 50            | -             | -             | -             | -             | -            | 50             |
| P2440                               | I-905 Utility Relocations   | 100           | -             | -             | -             | -             | -            | 100            |
| P2453                               | SR-11 Utility Relocations   | 50            | 50            | 50            | -             | -             | -            | 150            |
| P2456                               | Air and Vacuum Valve Upgrades   | 450           | 450           | -             | -             | -             | -            | 900            |
| P2458                               | AMR Manual Meter Replacement  | 1,500         | 1,650         | 1,700         | 1,650         | -             | -            | 6,500          |
| P2477                               | Res - 624-1 Reservoir Cover Replacement   | 5             | 5             | 5             | 5             | 400           | 3            | 423            |
| P2484                               | Large Water Meter Replacement Program   | 100           | 100           | 100           | 100           | -             | -            | 400            |
| P2485                               | SCADA Communication System and Software Replacement                             | 350           | 475           | 235           | -             | -             | -            | 1,060          |
| P2486                               | Asset Management Plan Condition Assessment and Data Acquisition                 | 600           | 200           | 100           | -             | -             | -            | 900            |
| P2490                               | 1296-1 Reservoir Interior/Exterior Coating                                      | 240           | 10            | -             | -             | -             | -            | 250            |
| P2491                               | 850-3 Reservoir Exterior Coating  | 10            | 284           | 5             | -             | -             | -            | 299            |
| P2492                               | 1296-2 Reservoir Interior/Exterior Coating                                      | 440           | 10            | -             | -             | -             | -            | 450            |
| P2493                               | 624-2 Reservoir Interior Coating  | 5             | 5             | 935           | 4             | -             | -            | 949            |
| P2494                               | Multiple Species Conservation Plan  | 170           | 10            | -             | -             | -             | -            | 180            |
| P2495                               | San Miguel Habitat Management/Mitigation Area                                   | 250           | 250           | 250           | 250           | 250           | 250          | 1,500          |
| P2496                               | Otay Lakes Road Utility Relocations   | 195           | 10            | -             | -             | -             | -            | 205            |
| P2504                               | Regulatory Site Access Road and Pipeline Relocation                             | 200           | 400           | -             | -             | -             | -            | 600            |

## CIP Projects (\$1,000s)

| CIP No.   | Description   | FY 11            | FY 12            | FY 13            | FY 14            | FY 15            | FY 16           | Total          |
|---|---|------------------|------------------|------------------|------------------|------------------|-----------------|----------------|
| <b>REPLACEMENT/RENEWAL PROJECTS (continued)</b> |   |                  |                  |                  |                  |                  |                 |                |
| P2505   | 657-1 Reservoir Interior/Exterior Coating                                     | 325              | 50               | -                | -                | -                | -               | 375            |
| P2506   | 657-2 Reservoir Interior/Exterior Coating                                     | 325              | 50               | -                | -                | -                | -               | 375            |
| P2507   | East Palomar Street Utility Relocation  | 20               | 75               | 155              | 250              | -                | -               | 500            |
| P2508   | Pipeline Cathodic Protection Replacement Program                              | 50               | 100              | -                | -                | -                | -               | 150            |
| R2096   | RWCWRF - Upgrades and Modifications   | 1,200            | 900              | -                | -                | -                | -               | 2,100          |
| S2012   | SVSD Outfall and RSD Replacement and OM Reimbursement                         | 642              | 350              | 300              | 300              | 300              | 300             | 2,192          |
| S2019   | Avocado Boulevard 8-Inch Sewer Main Improvement                               | 1,515            | 15               | -                | -                | -                | -               | 1,530          |
| S2020   | Calavo Drive 8-Inch Sewer Main Replacement                                    | 360              | 10               | -                | -                | -                | -               | 370            |
| S2021   | Jamacha Road 8-Inch Sewer Main Replacement                                    | 40               | 5                | -                | -                | -                | -               | 45             |
| S2022   | Hidden Mesa Drive 8-Inch Sewer Main Rehabilitation                            | 120              | 5                | -                | -                | -                | -               | 125            |
| S2023   | Calavo Drive Sewer Main Utility Relocation                                    | 50               | -                | -                | -                | -                | -               | 50             |
| S2024   | Campo Road Sewer Main Replacement   | 75               | 150              | 250              | 1,500            | 1,250            | 25              | 3,250          |
| S2025   | Wiegthorst Way Sewer Main Replacement   | 25               | 25               | 125              | -                | -                | -               | 175            |
| <b>32</b>                                       | <b>Total Replacement/Renewal Projects</b>                                     | <b>10,006</b>    | <b>5,966</b>     | <b>4,512</b>     | <b>4,264</b>     | <b>2,405</b>     | <b>783</b>      | <b>27,936</b>  |
| <b>CAPITAL PURCHASE PROJECTS</b>                |   |                  |                  |                  |                  |                  |                 |                |
| P2282   | Vehicle Capital Purchases   | 540              | 470              | 640              | 450              | 445              | 400             | 2,945          |
| P2286   | Field Equipment Capital Purchases   | 201              | 100              | 100              | 100              | 100              | 100             | 701            |
| P2443   | Information Technology Mobile Services  | 250              | 150              | 100              | -                | -                | -               | 500            |
| P2461   | Records Management System Upgrade   | 150              | -                | -                | -                | -                | -               | 150            |
| P2469   | Information Technology Network and Hardware                                   | 300              | 300              | 300              | 250              | 200              | -               | 1,350          |
| P2470   | Application Systems Development and Integration                               | 408              | 200              | 200              | 200              | 200              | 200             | 1,408          |
| P2501   | Telecommunications Equipment Upgrade  | 400              | -                | -                | -                | -                | -               | 400            |
| <b>7</b>  | <b>Total Capital Purchase Projects</b>  | <b>2,249</b>     | <b>1,220</b>     | <b>1,340</b>     | <b>1,000</b>     | <b>945</b>       | <b>700</b>      | <b>7,454</b>   |
| <b>CIP No.</b>                                  | <b>Description</b>  | <b>FY 11</b>     | <b>FY 12</b>     | <b>FY 13</b>     | <b>FY 14</b>     | <b>FY 15</b>     | <b>FY 16</b>    | <b>Total</b>   |
| <b>DEVELOPER REIMBURSEMENT PROJECTS</b>         |   |                  |                  |                  |                  |                  |                 |                |
| P2325   | PL - 10" to 12" Oversize, 1296 Zone, PB Road - Rolling Hills Hydro PS/PB Bndy | 1                | 49               | -                | -                | -                | -               | 50             |
| R2082   | RecPL - 24-Inch, 680 Zone, Olympic Parkway - Village 2/Heritage               | 5                | 795              | 946              | -                | -                | -               | 1,746          |
| R2083   | RecPL - 20-Inch, 680 Zone, Heritage Road - Village 2/Olympic                  | 5                | 395              | -                | -                | -                | -               | 400            |
| R2084   | RecPL - 20-Inch, 680 Zone, Village 2 - Heritage/La Media                      | 1                | 75               | 350              | 544              | -                | -               | 970            |
| <b>4</b>  | <b>Total Developer Reimbursement Projects</b>                                 | <b>12</b>        | <b>1,314</b>     | <b>1,296</b>     | <b>544</b>       | <b>-</b>         | <b>-</b>        | <b>3,166</b>   |
| <b>82</b>                                       | <b>Total - FY 2011 Projects</b>   | <b>28,448</b>    | <b>40,988</b>    | <b>46,173</b>    | <b>33,738</b>    | <b>18,180</b>    | <b>7,033</b>    | <b>174,560</b> |
| <b>12</b>                                       | <b>FY 2012 Through FY 2016 Projects</b>                                       | <b>-</b>         | <b>1,297</b>     | <b>1,725</b>     | <b>3,149</b>     | <b>673</b>       | <b>20</b>       | <b>6,864</b>   |
|   | <b>Grand Totals</b>   | <b>\$ 28,448</b> | <b>\$ 42,285</b> | <b>\$ 47,898</b> | <b>\$ 36,887</b> | <b>\$ 18,853</b> | <b>\$ 7,053</b> | <b>181,424</b> |

## FY 2011 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 Field Equipment, Office Equipment and Furniture, and Vehicles purchases.

| Item#                           | Description  | Amount                          | Type |
|---------------------------------|--|---------------------------------|------|
| <b>Field Equipment</b>          |  |                                 |      |
| <b>Operations</b>               |  |                                 |      |
| 14                              | RWCWRF Emergency stand by gen set.   | 69,000.00                       | R    |
| 15                              | Towable Boom Lift: Allows an employee to work up to 61 feet above the ground, with an articulating arm to work above water tanks or buildings. The primary use will be for the SCADA technicians to install, aim, and maintain the thernet radio antennas to meet Strategic Plan goals for SCADA, IT and security. | 43,900.00                       | N    |
| 16                              | Filter media removal and replacement at the reclamation plant.   | 40,000.00                       | R    |
| 17                              | Replacement heavy equipment trailer.   | 20,000.00                       | R    |
| 18                              | Replacement engine for pump engine number one at the Treatment Plant.  | 48,500.00                       | R    |
| 19                              | Replacement compressor for Unit 136.   | 15,000.00                       | R    |
| 20                              | Replacement crane for Unit No. 136.  | <u>13,000.00</u>                | R    |
| <b>Total of Field Equipment</b> |  | <b><u>249,400.00</u></b>        |      |
| <b>Vehicles</b>                 |  |                                 |      |
| <b>Operations</b>               |  |                                 |      |
| 5                               | Class 7, 7/8 yard dump body dump truck.  | 70,000.00                       | R    |
| 6                               | Class 7, 7/8 yard dump body dump truck.  | 70,000.00                       | R    |
| 7                               | Class 7 line truck with utility body.  | 130,000.00                      | R    |
| 8                               | Small multi-passenger mini van or SUV.   | 25,000.00                       | R    |
| 9                               | Ford F150 1/2 ton pick up truck  | 25,000.00                       | R    |
| 10                              | Small multi-passenger sedan or compact car.  | 20,000.00                       | R    |
| 11                              | Ford F150 Supercab four-door or equivalent.  | 25,000.00                       | R    |
| 12                              | Ford F150 Supercab four-door or equivalent.  | 25,000.00                       | R    |
| 13                              | Class 8 Vactor Hydro Excavator.  | <u>280,000.00</u>               | N    |
| <b>Total of Vehicles</b>        |  | <b><u>670,000.00</u></b>        |      |
| <b>Grand Total :</b>            |  | <b><u><u>919,400.00</u></u></b> |      |

N - New

R - Replacment



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2009**

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

|  |                                    |
|--|------------------------------------|
| <b>PROJECT MANAGER:</b> Ripperger        | <b>DIRECTOR DIVISION:</b> 5        |
| <b>ORIGINAL APPROVED DATE:</b> 7/16/1997 | <b>I.D. LOCATION:</b> 3            |
| <b>RELATED CIP PROJECTS:</b> P2038       | <b>PRIORITY:</b> 1                 |
|  | <b>BUDGET AMOUNT:</b> \$21,000,000 |

**DESCRIPTION OF PROJECT:**

Construction of approximately 27,300 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 Water District Board in December 2005 and by the San Diego County Water Authority (SDCWA) Board in February 2006. Per terms of the agreement and its amendments the Otay WD is obligated to construct the pipeline by January 1, 2011 and SDCWA is to have FCF No. 14 operational by then as well.

**COMMENTS:**

SDCWA will provide \$4.2 million in funds towards construction the pipeline per terms of the Agreement Between the San Diego County Water Authority and Otay Water District Regarding Implementation of the East County Regional Treated Water Improvement Program. The cost estimate includes the payment of \$620,000 to SDCWA. General Fund at 40% expansion and betterment funds from ID 1 at 5%, ID 2 at 2%, ID 3 at 4%, ID 5 at 1%, ID 7 at 5%, ID 9 at 2%, ID 10 at 4%, ID 20 at 7%, and ID 22 at 30%.

**FUND DETAIL:**

| <b>FUNDING SOURCE:</b> | <b>Expansion</b> | <b>Betterment</b> | <b>Replacement</b> | <b>Total</b> |
|------------------------|------------------|-------------------|--------------------|--------------|
| General Fund           | 40%              |                   |                    | 40%          |
| Various I.D.'s         |                  | 60%               |                    | 60%          |
| <b>TOTAL:</b>          | 40%              | 60%               |                    | 100%         |

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

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$18,800            | \$2,200     |             |             |             |             |             | \$21,000     |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2009**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/97                            | 10/07                             | \$309                                  |
| <b>DESIGN:</b>        | 11/07                            | 06/09                             | \$2,691                                |
| <b>CONSTRUCTION:</b>  | 07/09                            | 12/10                             | \$18,000                               |

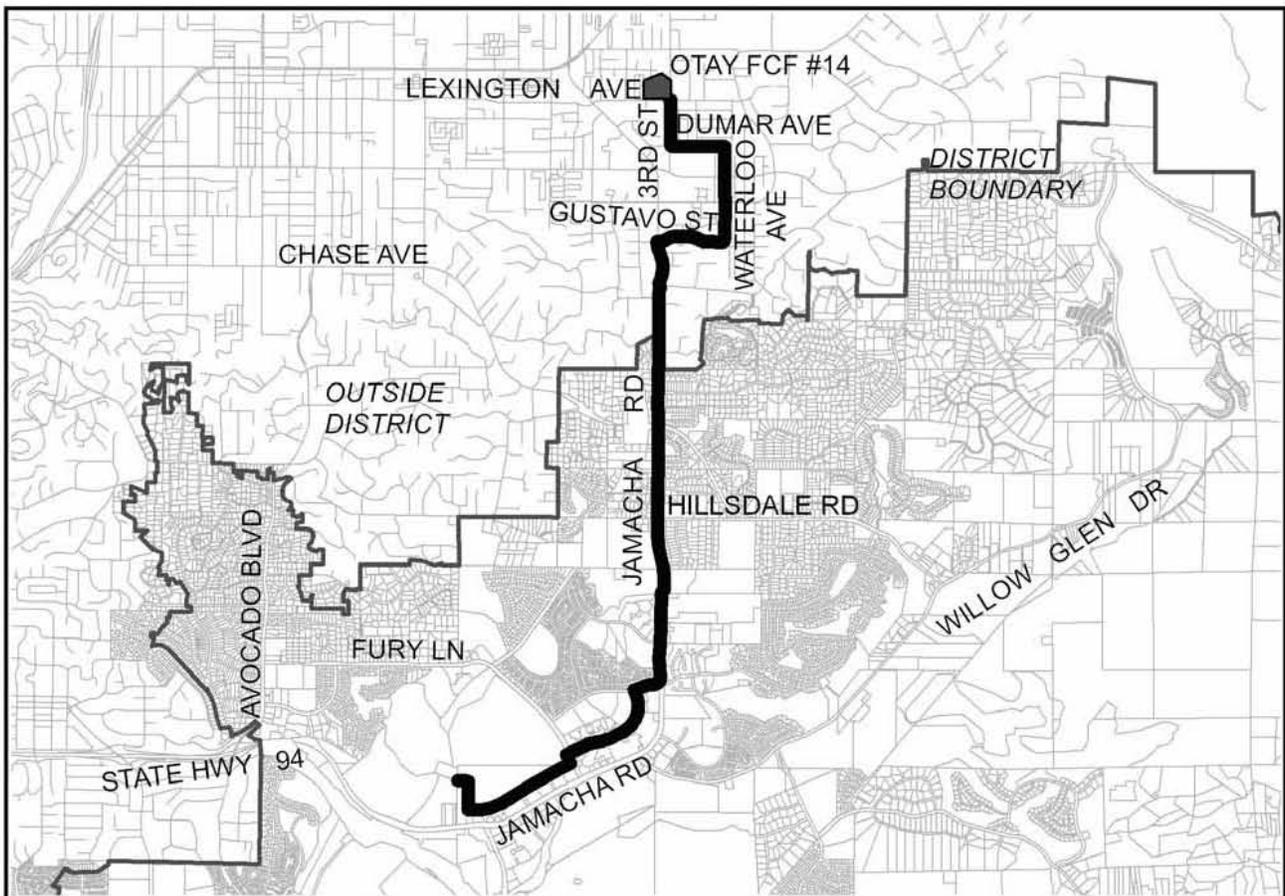
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>    |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$4,650     | \$9,300     | \$9,600     | \$9,900     | \$10,200    | \$10,500    | \$54,150     |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1272**

**OWD Map Book: 356**



**Submitted By:** Ron Ripperger

**Date:** 02/24/2010

**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>PROJECT MANAGER:</b>        | Kay       | <b>DIRECTOR DIVISION:</b> | 5           |
| <b>ORIGINAL APPROVED DATE:</b> | 7/16/1997 | <b>I.D. LOCATION:</b>     | 3           |
| <b>RELATED CIP PROJECTS:</b>   | P2009     | <b>PRIORITY:</b>          | 1           |
|                                |           | <b>BUDGET AMOUNT:</b>     | \$2,387,000 |

**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. General Fund at 50% replacement and ID 3 at 50% betterment.

**FUND DETAIL:**

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

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

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$2,257             | \$130       |             |             |             |             |             | \$2,387      |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2038**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/05                            | 10/07                             | \$100                                  |
| <b>DESIGN:</b>        | 11/07                            | 06/09                             | \$275                                  |
| <b>CONSTRUCTION:</b>  | 07/09                            | 12/10                             | \$2,012                                |

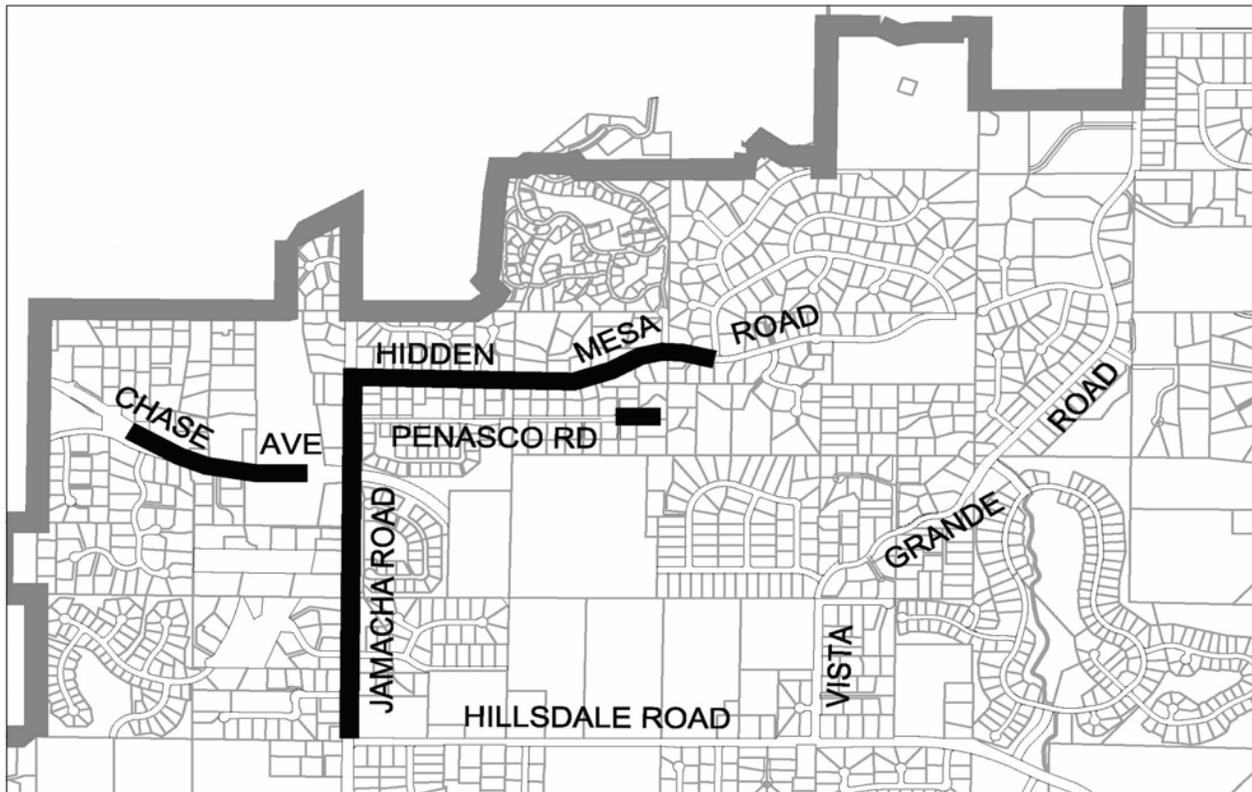
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>TOTAL</b> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
| \$750       | \$1,500     | \$1,500     | \$1,500     | \$1,500     | \$1,500     | \$8,250      |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1272**

**OWD Map Book: 368**



**Submitted By:** Daniel Kay

**Date:** 02/02/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2083**

**PROJECT TITLE: PS - 870-2 Pump Station Replacement (28,000 GPM)**

|  |                                    |
|--|------------------------------------|
| <b>PROJECT MANAGER:</b> Ripperger        | <b>DIRECTOR DIVISION:</b> 2        |
| <b>ORIGINAL APPROVED DATE:</b> 5/17/1995 | <b>I.D. LOCATION:</b> 7            |
| <b>RELATED CIP PROJECTS:</b> P2451       | <b>PRIORITY:</b> 1                 |
|  | <b>BUDGET AMOUNT:</b> \$12,581,000 |

**DESCRIPTION OF PROJECT:**

Construction of a new pump station to replace the existing Low Head and High Head pump stations and to expand capacity as projected within the Rosarito Desalination Technical Memorandums prepared by CDM.

**JUSTIFICATION OF PROJECT:**

The two existing pump stations have reached the end of its useful lives and are under capacity for delivery of the proposed Rosarito Desalination water supply.

**COMMENTS:**

**FUND DETAIL:**

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

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

| PRIOR YEARS: | FY   | FY      | FY      | FY      | FY    | FY   |          |
|--------------|------|---------|---------|---------|-------|------|----------|
| TOTAL        | 2011 | 2012    | 2013    | 2014    | 2015  | 2016 | TOTAL    |
| \$581        | \$50 | \$1,000 | \$4,000 | \$6,000 | \$950 |      | \$12,581 |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2083**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/95                            | 06/11                             | \$650                                  |
| <b>DESIGN:</b>        | 07/11                            | 12/12                             | \$1,100                                |
| <b>CONSTRUCTION:</b>  | 01/13                            | 06/15                             | \$10,831                               |

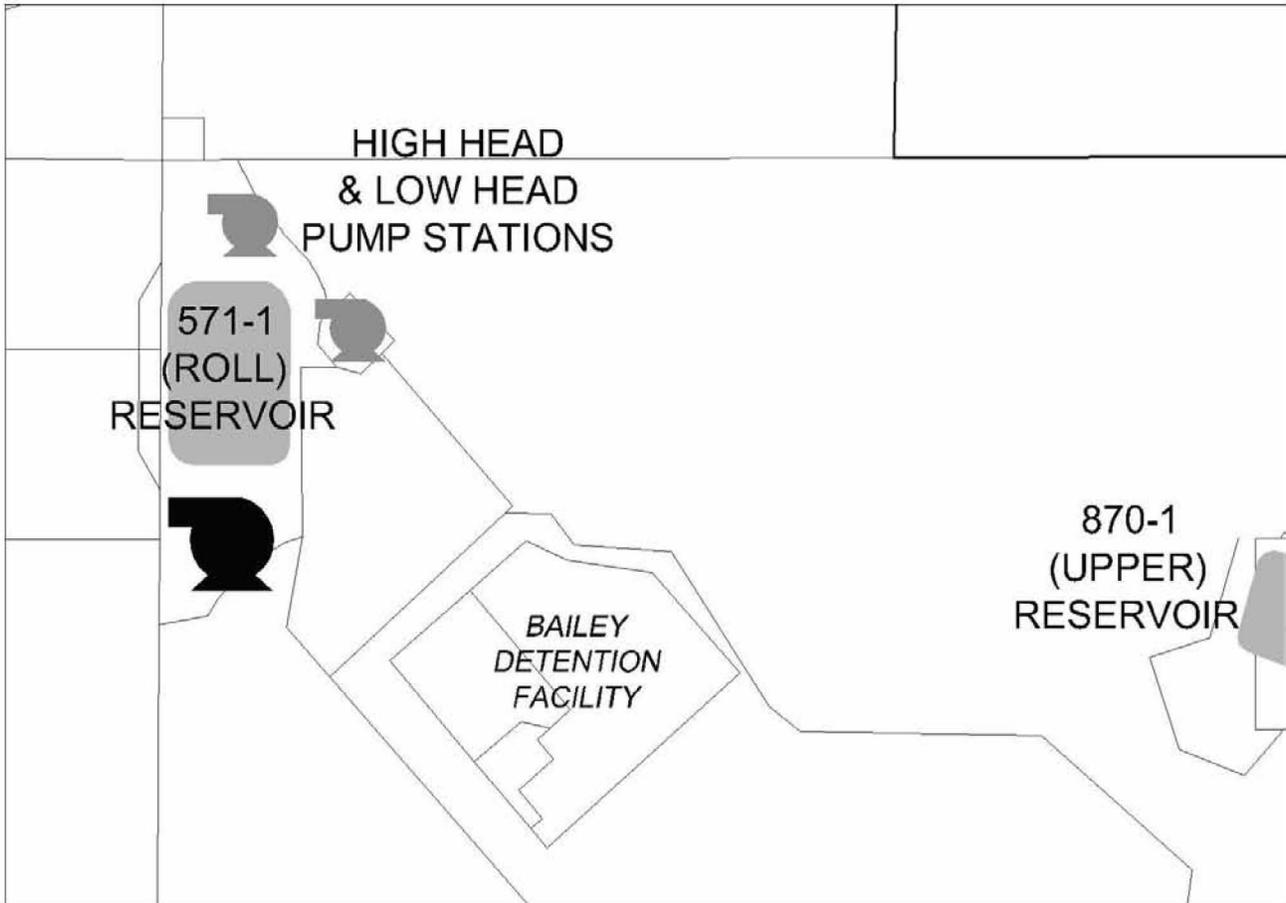
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>TOTAL</b> |
|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | \$0.00       |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1332**

**OWD Map Book: 55**



**Submitted By:** Ron Ripperger

**Date:** 02/24/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2143**

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

|                                |           |                           |             |
|--------------------------------|-----------|---------------------------|-------------|
| <b>PROJECT MANAGER:</b>        | Kay       | <b>DIRECTOR DIVISION:</b> | 5           |
| <b>ORIGINAL APPROVED DATE:</b> | 5/17/1995 | <b>I.D. LOCATION:</b>     | 9           |
| <b>RELATED CIP PROJECTS:</b>   |           | <b>PRIORITY:</b>          | 1           |
|                                |           | <b>BUDGET AMOUNT:</b>     | \$3,540,000 |

**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. Additional storage of about 12 million gallons is projected to be required at ultimate development.

**COMMENTS:**

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$3,535             | \$5         |             |             |             |             |             | \$3,540      |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2143**

**PROJECT SCHEDULE:**

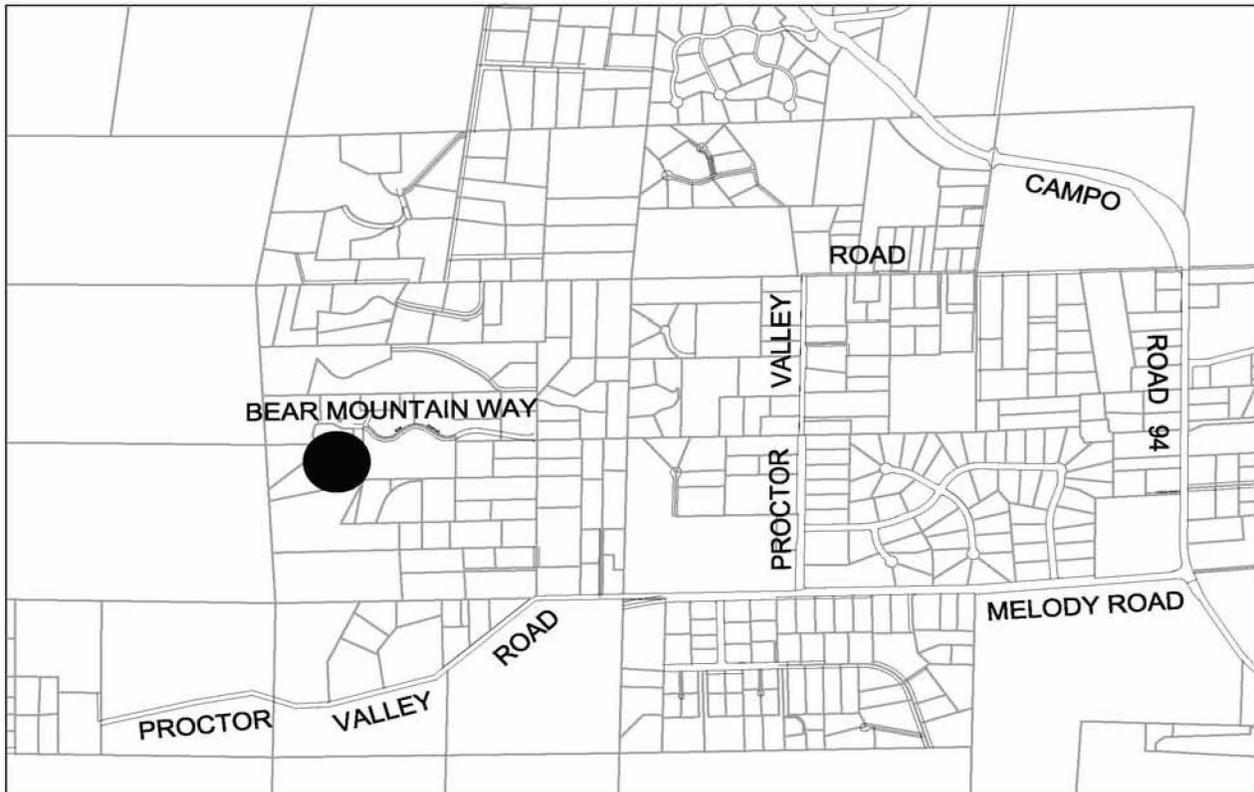
| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 11/01                            | 05/07                             | \$266                                  |
| <b>DESIGN:</b>        | 06/07                            | 08/08                             | \$398                                  |
| <b>CONSTRUCTION:</b>  | 09/08                            | 06/11                             | \$2,876                                |

**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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             | \$3,800     | \$3,900     | \$4,000     | \$4,100     | \$4,200     | \$20,000     |

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

**OWD Map Book: 307**



**Submitted By:** Daniel Kay

**Date:** 02/02/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2172**

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

|                                |           |                           |             |
|--------------------------------|-----------|---------------------------|-------------|
| <b>PROJECT MANAGER:</b>        | Ripperger | <b>DIRECTOR DIVISION:</b> | 5           |
| <b>ORIGINAL APPROVED DATE:</b> | 6/16/1993 | <b>I.D. LOCATION:</b>     | 9           |
| <b>RELATED CIP PROJECTS:</b>   |           | <b>PRIORITY:</b>          | 1           |
|                                |           | <b>BUDGET AMOUNT:</b>     | \$2,475,000 |

**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:**

General Fund at 50% replacement and ID 9 at 50% betterment.

**FUND DETAIL:**

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

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

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$2,470             | \$5         |             |             |             |             |             | \$2,475      |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2172**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/01                            | 06/07                             | \$155                                  |
| <b>DESIGN:</b>        | 07/07                            | 07/08                             | \$310                                  |
| <b>CONSTRUCTION:</b>  | 08/08                            | 06/11                             | \$2,010                                |

**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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             | \$7,400     | \$7,600     | \$7,800     | \$8,000     | \$8,200     | \$39,000     |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1272**

**OWD Map Book: 323**



**Submitted By:** Ron Ripperger

**Date:** 02/24/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2191**

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

|  |                                   |
|--|-----------------------------------|
| <b>PROJECT MANAGER:</b> Kay              | <b>DIRECTOR DIVISION:</b> 3       |
| <b>ORIGINAL APPROVED DATE:</b> 7/16/1997 | <b>I.D. LOCATION:</b> 20          |
| <b>RELATED CIP PROJECTS:</b>             | <b>PRIORITY:</b> 1                |
|  | <b>BUDGET AMOUNT:</b> \$3,410,000 |

**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:**

General Fund at 27% expansion and ID 20 at 73% betterment.

**FUND DETAIL:**

| <b>FUNDING SOURCE:</b> | <b>Expansion</b> | <b>Betterment</b> | <b>Replacement</b> | <b>Total</b> |
|------------------------|------------------|-------------------|--------------------|--------------|
| General Fund           | 27%              |                   |                    | 27%          |
| I.D. 20                |                  | 73%               |                    | 73%          |
| <b>TOTAL:</b>          | 27%              | 73%               |                    | 100%         |

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

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$3,405             | \$5         |             |             |             |             |             | \$3,410      |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2191**

**PROJECT SCHEDULE:**

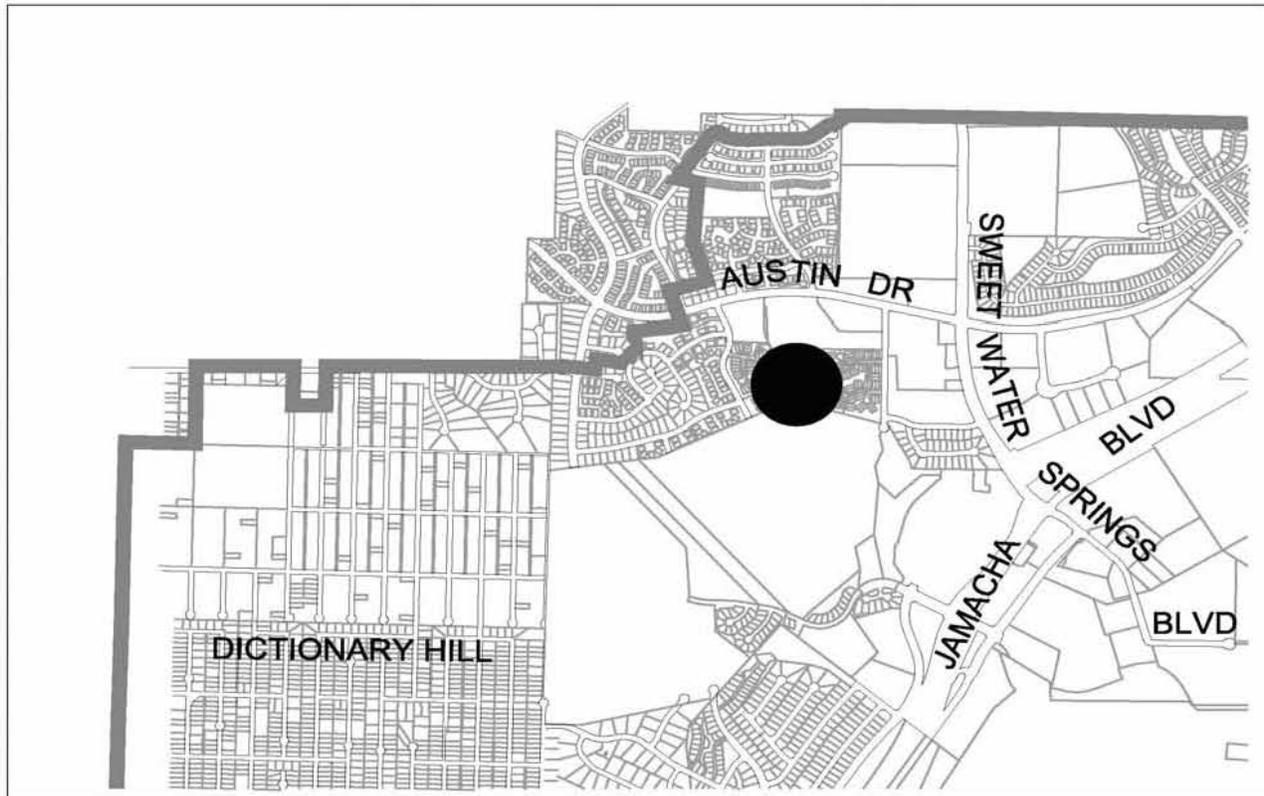
| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/03                            | 12/04                             | \$270                                  |
| <b>DESIGN:</b>        | 01/05                            | 12/07                             | \$495                                  |
| <b>CONSTRUCTION:</b>  | 01/08                            | 06/11                             | \$2,645                                |

**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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             | \$4,200     | \$4,300     | \$4,400     | \$4,500     | \$4,600     | \$22,000     |

**PROJECT LOCATION:** Thomas Bros. Map: 1291

**OWD Map Book: 317**



**Submitted By:** Daniel Kay

**Date:** 02/02/2010

**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>PROJECT MANAGER:</b> Kennedy          | <b>DIRECTOR DIVISION:</b> 3     |
| <b>ORIGINAL APPROVED DATE:</b> 7/16/1997 | <b>I.D. LOCATION:</b> 1         |
| <b>RELATED CIP PROJECTS:</b> P2370       | <b>PRIORITY:</b> 1              |
|  | <b>BUDGET AMOUNT:</b> \$600,000 |

**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 36-inch Jamacha Road pipeline is complete.

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$70                | \$100       | \$230       | \$200       |             |             |             | \$600        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2318**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 11/07                            | 11/07                             | \$24                                   |
| <b>DESIGN:</b>        | 01/11                            | 12/12                             | \$66                                   |
| <b>CONSTRUCTION:</b>  | 01/13                            | 06/13                             | \$510                                  |

**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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             |             |             | \$100       | \$100       | \$100       | \$300        |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1291**

**OWD Map Book: 198**



**Submitted By:** Bob Kennedy

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2357**

**PROJECT TITLE: PS - 657-1/850-1 Pump Station Demolition**

|  |                                 |
|--|---------------------------------|
| <b>PROJECT MANAGER:</b> Kennedy          | <b>DIRECTOR DIVISION:</b> 4     |
| <b>ORIGINAL APPROVED DATE:</b> 5/23/2006 | <b>I.D. LOCATION:</b> 20        |
| <b>RELATED CIP PROJECTS:</b> P2471       | <b>PRIORITY:</b> 2              |
|  | <b>BUDGET AMOUNT:</b> \$300,000 |

**DESCRIPTION OF PROJECT:**

This project is to demolish the 657-1 and 850-1 Pump Stations.

**JUSTIFICATION OF PROJECT:**

Since a pipeline has been constructed through the Pointe Development project and the 20-inch Trace Road pipeline is also constructed, these two old pump stations are no longer required. Thus their operating and maintenance costs will be eliminated.

**COMMENTS:**

**FUND DETAIL:**

| <b>FUNDING SOURCE:</b> | <b>Expansion</b> | <b>Betterment</b> | <b>Replacement</b> | <b>Total</b> |
|------------------------|------------------|-------------------|--------------------|--------------|
| I.D. 20                |                  | 100%              |                    | 100%         |
| <b>TOTAL:</b>          |                  | 100%              |                    | 100%         |

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

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|                     | \$50        | \$250       |             |             |             |             | \$300        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2357**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/06                            | 07/10                             | \$12                                   |
| <b>DESIGN:</b>        | 08/10                            | 06/11                             | \$33                                   |
| <b>CONSTRUCTION:</b>  | 07/11                            | 06/12                             | \$255                                  |

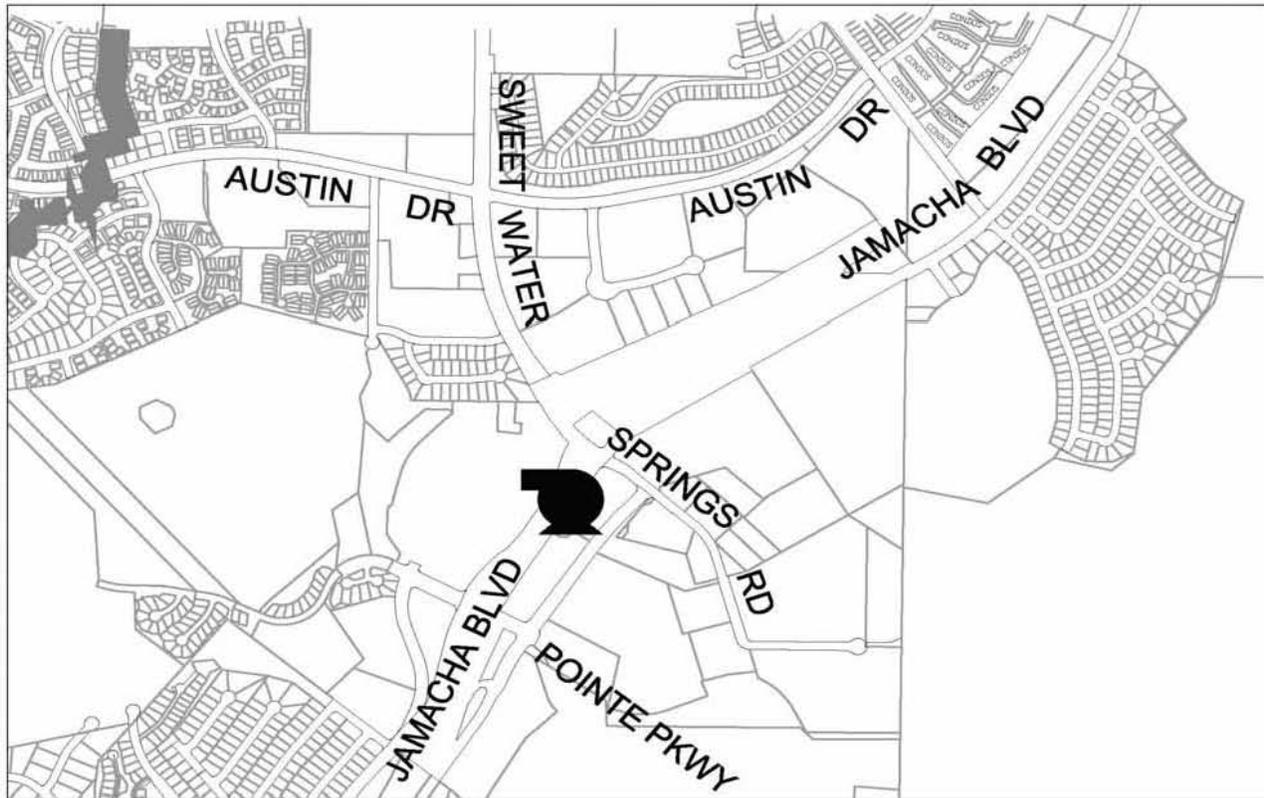
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>TOTAL</b> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             |             | \$-44,400   | \$-45,700   | \$-47,100   | \$-48,500   | \$-185,700   |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1291**

**OWD Map Book: 317**



**Submitted By:** Bob Kennedy

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2370**

**PROJECT TITLE:** Res - Dorchester Reservoir and Pump Station Demolition

|                                |           |                           |           |
|--------------------------------|-----------|---------------------------|-----------|
| <b>PROJECT MANAGER:</b>        | Kennedy   | <b>DIRECTOR DIVISION:</b> | 3         |
| <b>ORIGINAL APPROVED DATE:</b> | 5/23/2005 | <b>I.D. LOCATION:</b>     | 1         |
| <b>RELATED CIP PROJECTS:</b>   | P2318     | <b>PRIORITY:</b>          | 2         |
|                                |           | <b>BUDGET AMOUNT:</b>     | \$150,000 |

**DESCRIPTION OF PROJECT:**

Demolish the existing Dorchester Reservoir and hydropneumatic pump station located on the same site along Dorchester Street.

**JUSTIFICATION OF PROJECT:**

The existing reservoir and hydropneumatic pump station are no longer required to serve customers.

**COMMENTS:**

This project will be included in the contract as for CIP P2318.

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$13                | \$67        | \$70        |             |             |             |             | \$150        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2370**

**PROJECT SCHEDULE:**

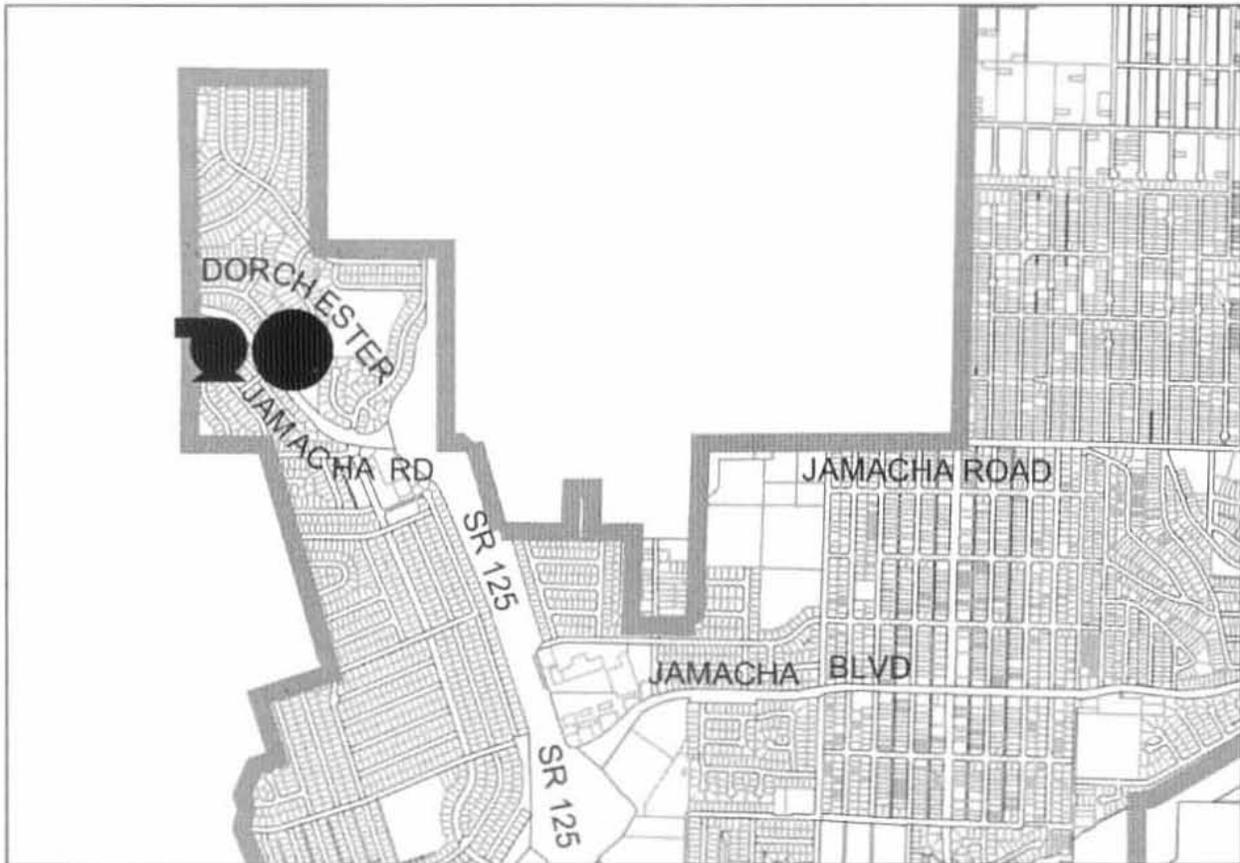
| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/05                            | 07/10                             | \$6                                    |
| <b>DESIGN:</b>        | 08/10                            | 06/11                             | \$17                                   |
| <b>CONSTRUCTION:</b>  | 07/11                            | 06/12                             | \$127                                  |

**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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             |             | \$-4,800    | \$-4,900    | \$-5,000    | \$-5,200    | \$-19,900    |

**PROJECT LOCATION:** Thomas Bros. Map: 1290

**OWD Map Book: 301**



**Submitted By:** Bob Kennedy

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2391**

**PROJECT TITLE: PS - Perdue WTP Pump Station (10,000 GPM)**

|  |                                    |
|--|------------------------------------|
| <b>PROJECT MANAGER:</b> Peasley          | <b>DIRECTOR DIVISION:</b> 3        |
| <b>ORIGINAL APPROVED DATE:</b> 5/21/2009 | <b>I.D. LOCATION:</b> 1            |
| <b>RELATED CIP PROJECTS:</b> P2010       | <b>PRIORITY:</b> 2                 |
|  | <b>BUDGET AMOUNT:</b> \$11,900,000 |

**DESCRIPTION OF PROJECT:**

Construction of 10,000 gallons per minute pump station to obtain treated water from the Sweetwater Authority Perdue Water Treatment Plant.

**JUSTIFICATION OF PROJECT:**

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

**COMMENTS:**

General Fund at 40% expansion and betterment funds from ID 1 at 5%, ID 2 at 2%, ID 3 at 4%, ID 5 at 1%, ID 7 at 5%, ID 9 at 2%, ID 10 at 4%, ID 20 at 7%, and ID 22 at 30%.

**FUND DETAIL:**

| <b>FUNDING SOURCE:</b> | <b>Expansion</b> | <b>Betterment</b> | <b>Replacement</b> | <b>Total</b> |
|------------------------|------------------|-------------------|--------------------|--------------|
| General Fund           | 40%              |                   |                    | 40%          |
| Various I.D.'s         |                  | 60%               |                    | 60%          |
| <b>TOTAL:</b>          | 40%              | 60%               |                    | 100%         |

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

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$13                | \$5         | \$182       | \$300       | \$2,700     | \$4,700     | \$4,000     | \$11,900     |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2391**

**PROJECT SCHEDULE:**

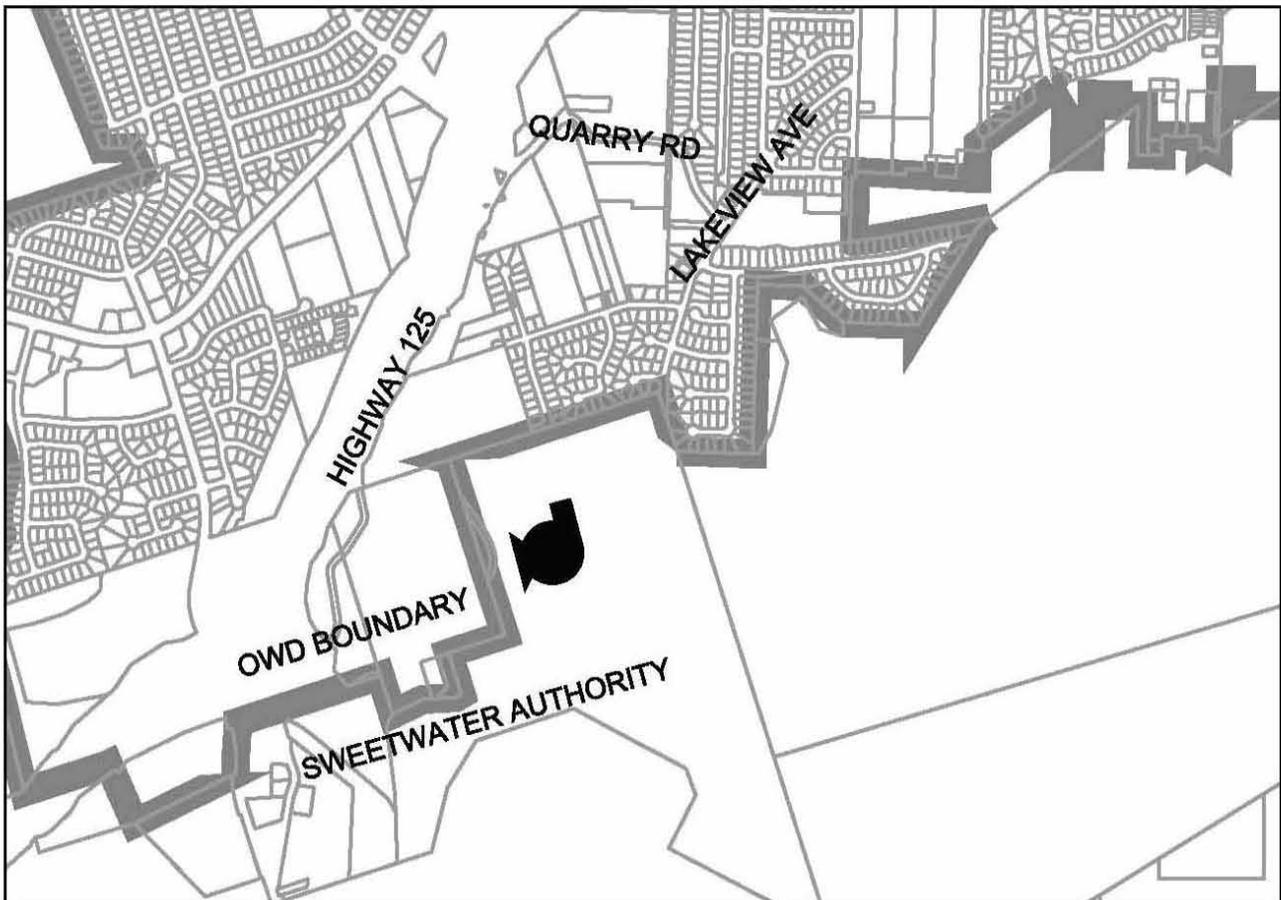
| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 01/10                            | 06/12                             | \$208                                  |
| <b>DESIGN:</b>        | 07/12                            | 06/13                             | \$572                                  |
| <b>CONSTRUCTION:</b>  | 07/13                            | 06/16                             | \$11,120                               |

**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> |
|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | \$0.00       |

**PROJECT LOCATION:** Thomas Bros. Map: 1291

**OWD Map Book: 184**



**Submitted By:** James Peasley

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2399**

**PROJECT TITLE:** PL - 30-Inch, 980 Zone, 980 Reservoirs to Hunte Parkway

|   |                                   |
|---|-----------------------------------|
| <b>PROJECT MANAGER:</b> Ripperger       | <b>DIRECTOR DIVISION:</b> 4       |
| <b>ORIGINAL APPROVED DATE:</b> 6/2/2004 | <b>I.D. LOCATION:</b> 22          |
| <b>RELATED CIP PROJECTS:</b>            | <b>PRIORITY:</b> 1                |
|   | <b>BUDGET AMOUNT:</b> \$3,600,000 |

**DESCRIPTION OF PROJECT:**

Construction of approximately 2,200 feet of 30-inch pipeline in Hunte Parkway from Proctor Valley Road to the existing 980 Pressure Zone 30-inch pipeline at the southern end of the District's Use Area.

**JUSTIFICATION OF PROJECT:**

The existing transmission main capacity within the 980 Pressure Zone is insufficient to meet the needs of the system during peak demand periods. This project will resolve the peak demand pressure issues.

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$2,740             | \$200       | \$650       | \$10        |             |             |             | \$3,600      |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2399**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 01/04                            | 09/10                             | \$200                                  |
| <b>DESIGN:</b>        | 10/10                            | 06/11                             | \$600                                  |
| <b>CONSTRUCTION:</b>  | 07/11                            | 06/13                             | \$2,800                                |

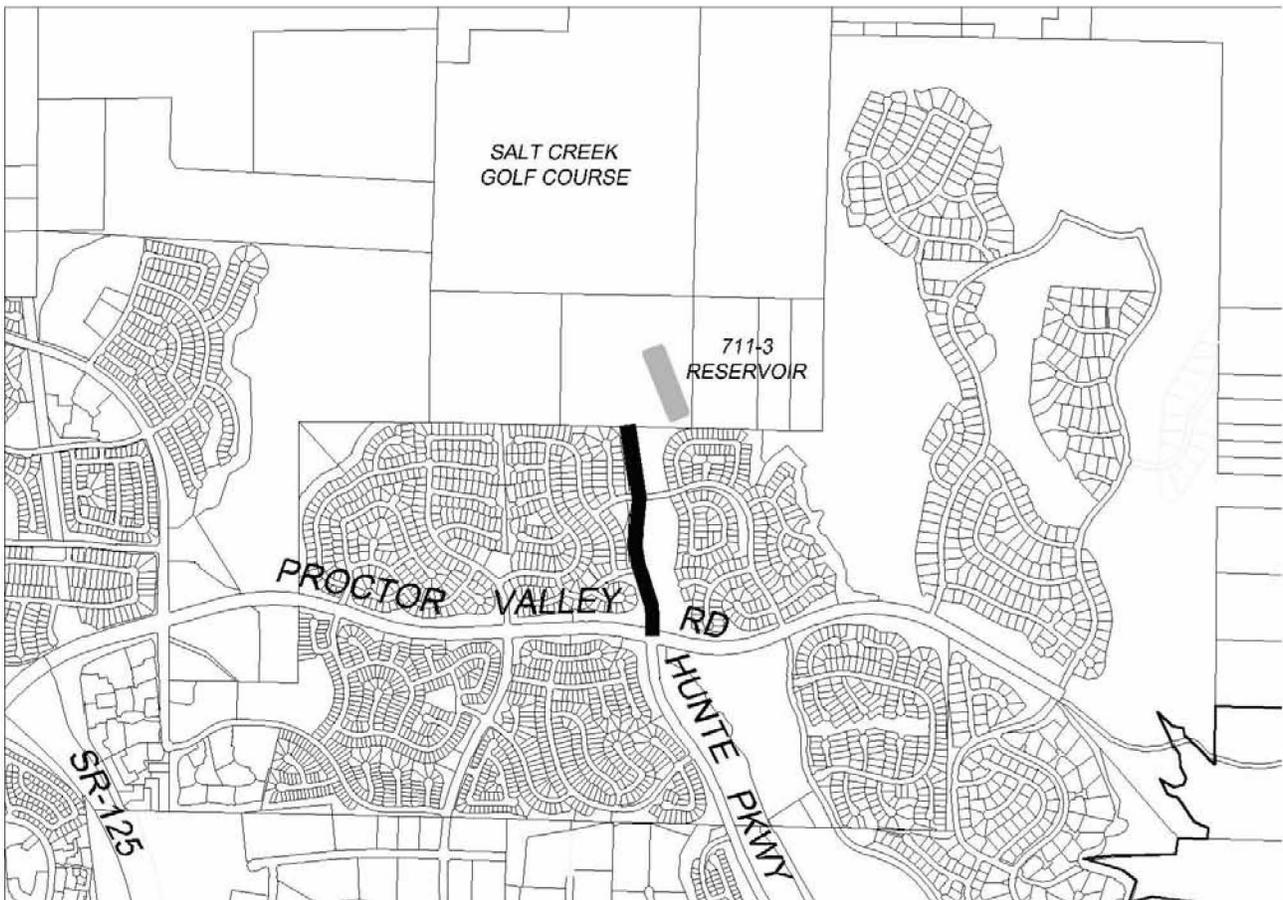
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>TOTAL</b> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             |             |             | \$700       | \$700       | \$700       | \$2,100      |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1311**

**OWD Map Book: 159**



**Submitted By:** Ron Ripperger

**Date:** 02/24/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2431**

**PROJECT TITLE:** Res - 980-4 Reservoir 5 MG

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| <b>PROJECT MANAGER:</b> Ripperger | <b>DIRECTOR DIVISION:</b> -       |
| <b>ORIGINAL APPROVED DATE:</b>    | <b>I.D. LOCATION:</b> 22          |
| <b>RELATED CIP PROJECTS:</b>      | <b>PRIORITY:</b> 5                |
|                                   | <b>BUDGET AMOUNT:</b> \$5,900,000 |

**DESCRIPTION OF PROJECT:**

Construction of a 5.0 million gallon steel reservoir on property to be acquired in the Central Area System 980 Pressure Zone. The project is to be located within the Otay Ranch Company Village 13 or Resort Parcel.

**JUSTIFICATION OF PROJECT:**

This project is required to increase operational, emergency, and fire storage in the 980 Pressure Zone. The 980 Pressure Zone storage is currently under capacity and will require this additional storage volume to meet the projected ultimate storage volume needs of the Village 13.

**COMMENTS:**

**FUND DETAIL:**

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

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

| PRIOR YEARS: | FY   | FY   | FY      | FY      | FY   | FY   |         |
|--------------|------|------|---------|---------|------|------|---------|
| TOTAL        | 2011 | 2012 | 2013    | 2014    | 2015 | 2016 | TOTAL   |
|              | \$5  | \$45 | \$1,000 | \$4,800 | \$50 |      | \$5,900 |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2431**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 01/11                            | 09/11                             | \$100                                  |
| <b>DESIGN:</b>        | 10/11                            | 06/13                             | \$800                                  |
| <b>CONSTRUCTION:</b>  | 07/13                            | 06/15                             | \$5,000                                |

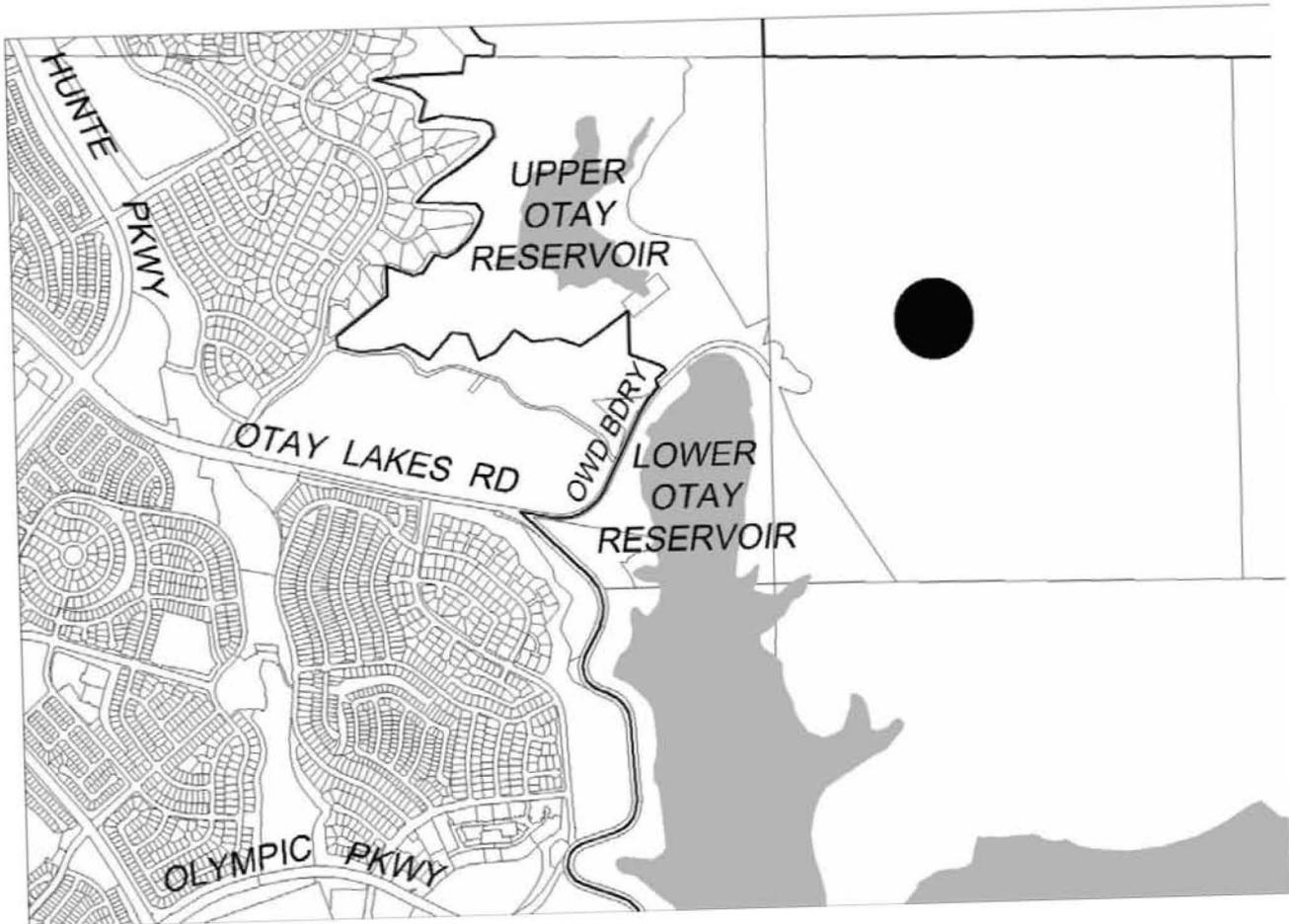
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>TOTAL</b> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             |             |             |             |             | \$9,400     | \$9,400      |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1292**

**OWD Map Book: 133**



**Submitted By:** Ron Ripperger

**Date:** 02/24/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2434**

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

|  |                                   |
|--|-----------------------------------|
| <b>PROJECT MANAGER:</b> Peasley          | <b>DIRECTOR DIVISION:</b> 22      |
| <b>ORIGINAL APPROVED DATE:</b> 5/21/2009 | <b>I.D. LOCATION:</b> 2           |
| <b>RELATED CIP PROJECTS:</b>             | <b>PRIORITY:</b> 1                |
|  | <b>BUDGET AMOUNT:</b> \$4,250,000 |

**DESCRIPTION OF PROJECT:**

Production well development of approximately 300 gallons per minute for potable water use.

**JUSTIFICATION OF PROJECT:**

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

**COMMENTS:**

General Fund at 40% expansion and betterment funds from ID 1 at 5%, ID 2 at 2%, ID 3 at 4%, ID 5 at 1%, ID 7 at 5%, ID 9 at 2%, ID 10 at 4%, ID 20 at 7%, and ID 22 at 30%.

**FUND DETAIL:**

| <b>FUNDING SOURCE:</b> | <b>Expansion</b> | <b>Betterment</b> | <b>Replacement</b> | <b>Total</b> |
|------------------------|------------------|-------------------|--------------------|--------------|
| General Fund           | 40%              |                   |                    | 40%          |
| Various I.D.'s         |                  | 60%               |                    | 60%          |
| <b>TOTAL:</b>          | 40%              | 60%               |                    | 100%         |

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

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$1,500             | \$1,000     | \$1,500     | \$250       |             |             |             | \$4,250      |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2434**

**PROJECT SCHEDULE:**

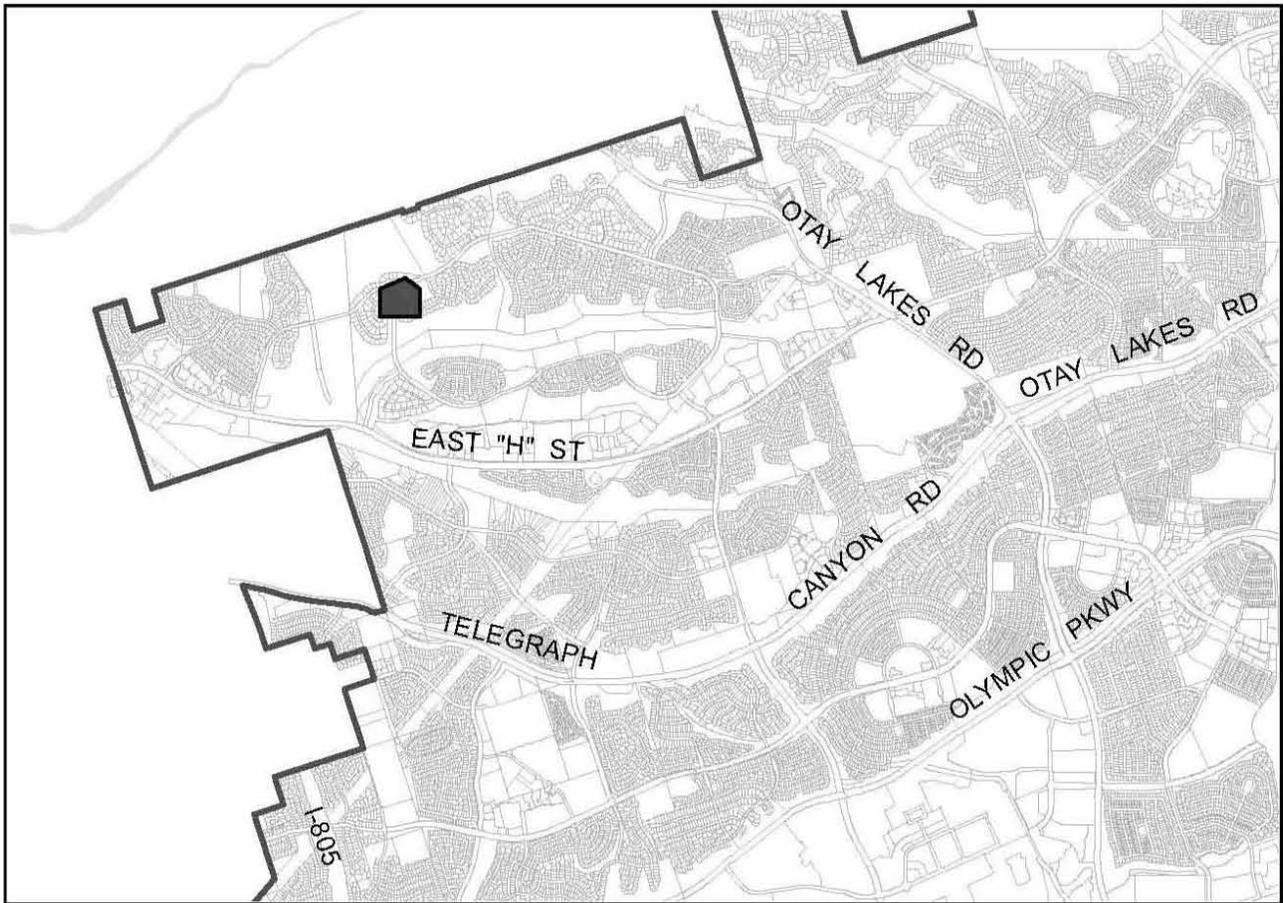
| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/94                            | 06/10                             | \$146                                  |
| <b>DESIGN:</b>        | 07/10                            | 11/10                             | \$402                                  |
| <b>CONSTRUCTION:</b>  | 12/10                            | 06/13                             | \$3,702                                |

**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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             |             |             | \$5,900     | \$6,100     | \$6,300     | \$18,300     |

**PROJECT LOCATION:** Thomas Bros. Map: 1310

**OWD Map Book: 127**



**Submitted By:** James Peasley

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2451**

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

|  |   |
|--|---|
| <b>PROJECT MANAGER:</b> Kennedy          | <b>DIRECTOR DIVISION:</b> District Wide |
| <b>ORIGINAL APPROVED DATE:</b> 5/23/2006 | <b>I.D. LOCATION:</b> District Wide     |
| <b>RELATED CIP PROJECTS:</b> P2083       | <b>PRIORITY:</b> 1                      |
|  | <b>BUDGET AMOUNT:</b> \$30,000,000      |

**DESCRIPTION OF PROJECT:**

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

**JUSTIFICATION OF PROJECT:**

The concept could provide for a independent water source to the Otay WD.

**COMMENTS:**

General Fund at 40% expansion and betterment funds from ID 1 at 5%, ID 2 at 2%, ID 3 at 4%, ID 5 at 1%, ID 7 at 5%, ID 9 at 2%, ID 10 at 4%, ID 20 at 7%, and ID 22 at 30%.

**FUND DETAIL:**

| <b>FUNDING SOURCE:</b> | <b>Expansion</b> | <b>Betterment</b> | <b>Replacement</b> | <b>Total</b> |
|------------------------|------------------|-------------------|--------------------|--------------|
| General Fund           | 40%              |                   |                    | 40%          |
| Various I.D.'s         |                  | 60%               |                    | 60%          |
| <b>TOTAL:</b>          | 40%              | 60%               |                    | 100%         |

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

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$300               | \$1,000     | \$12,000    | \$12,500    | \$4,200     |             |             | \$30,000     |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2451**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/06                            | 06/11                             | \$1,200                                |
| <b>DESIGN:</b>        | 07/11                            | 06/12                             | \$3,300                                |
| <b>CONSTRUCTION:</b>  | 07/12                            | 06/14                             | \$25,500                               |

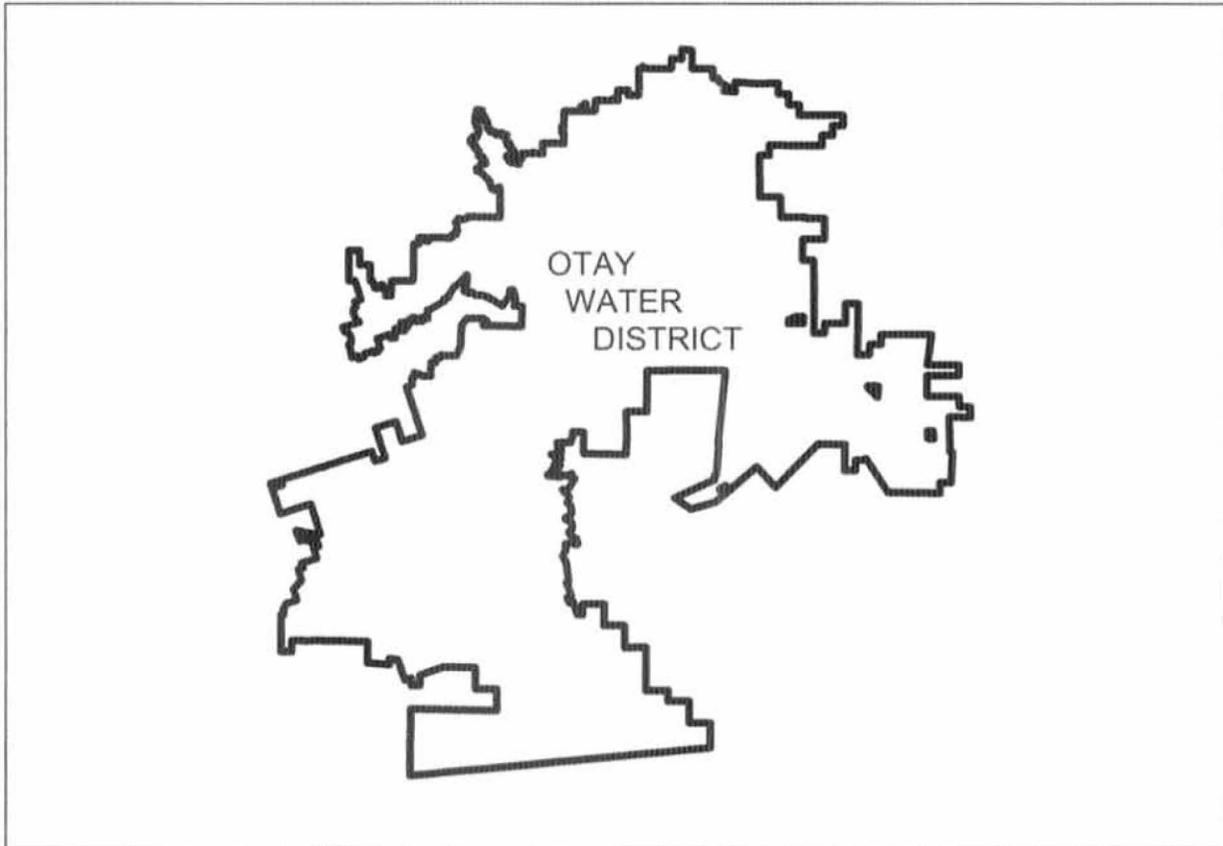
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>TOTAL</b> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             |             |             |             | \$3,400     | \$3,500     | \$6,900      |

**PROJECT LOCATION:**

**Thomas Bros. Map:**

**OWD Map Book:**



**Submitted By:** Bob Kennedy

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2466**

**PROJECT TITLE:** Regional Training Facility

|  |                                 |
|--|---------------------------------|
| <b>PROJECT MANAGER:</b> Coburn-Boyd      | <b>DIRECTOR DIVISION:</b> 5     |
| <b>ORIGINAL APPROVED DATE:</b> 5/29/2007 | <b>I.D. LOCATION:</b> 20        |
| <b>RELATED CIP PROJECTS:</b> P2504       | <b>PRIORITY:</b> 1              |
|  | <b>BUDGET AMOUNT:</b> \$252,000 |

**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:**

General Fund at 40% expansion and betterment funds from ID 1 at 5%, ID 2 at 2%, ID 3 at 4%, ID 5 at 1%, ID 7 at 5%, ID 9 at 2%, ID 10 at 4%, ID 20 at 7%, and ID 22 at 30%.

**FUND DETAIL:**

| FUNDING SOURCE: | Expansion | Betterment | Replacement | Total |
|-----------------|-----------|------------|-------------|-------|
| General Fund    | 40%       |            |             | 40%   |
| Various I.D.'s  |           | 60%        |             | 60%   |
| <b>TOTAL:</b>   | 40%       | 60%        |             | 100%  |

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

| PRIOR YEARS: | FY   | FY   | FY   | FY   | FY   | FY   |       |
|--------------|------|------|------|------|------|------|-------|
| TOTAL        | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | TOTAL |
| \$228        | \$24 |      |      |      |      |      | \$252 |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2466**

**PROJECT SCHEDULE:**

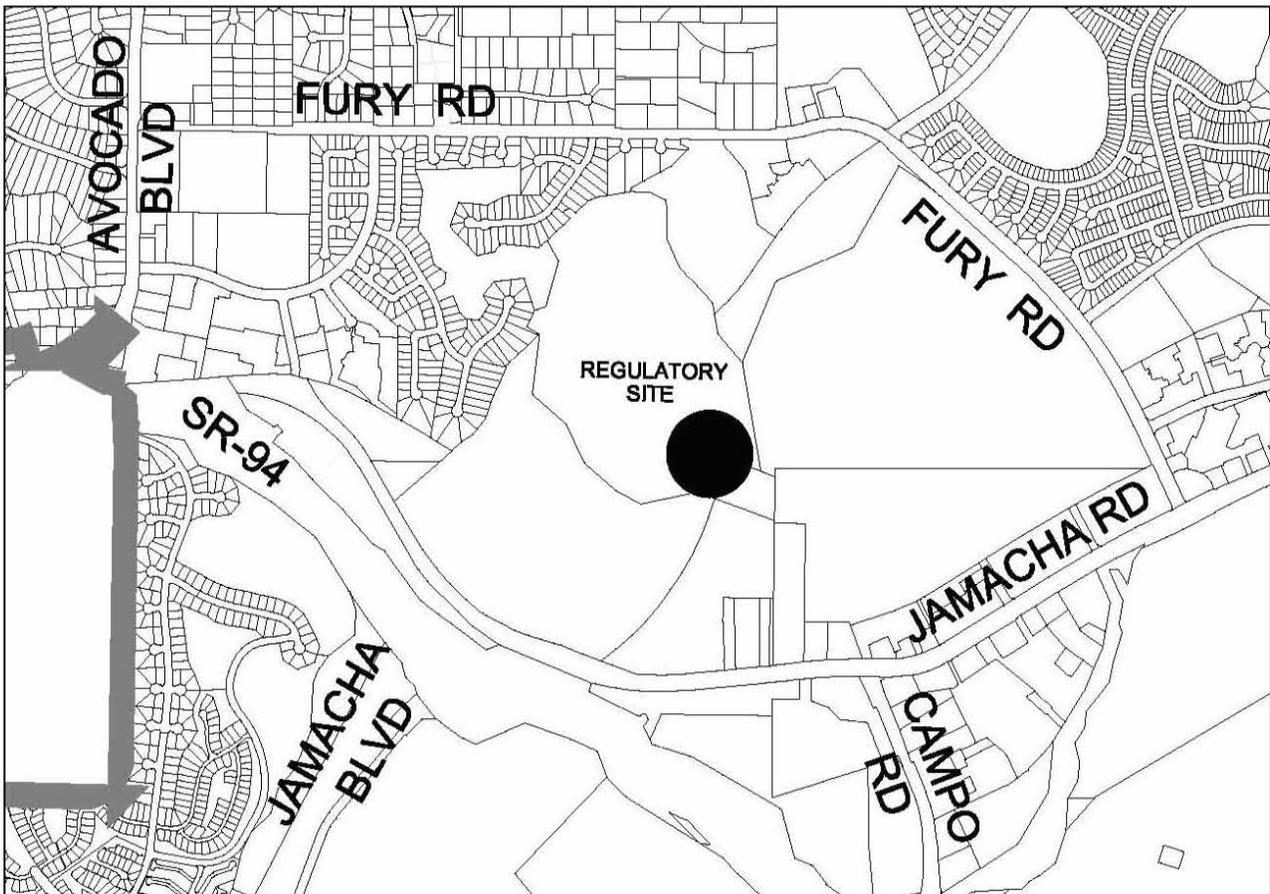
| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 08/06                            | 06/11                             | \$252                                  |
| <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>TOTAL</b> |
|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| 2011      | 2012      | 2013      | 2014      | 2015      | 2016      |              |
|           |           |           |           |           |           | \$0.00       |

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

**OWD Map Book: 343**



**Submitted By:** Lisa Coburn-Boyd

**Date:** 02/22/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2467**

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

|  |   |
|--|---|
| <b>PROJECT MANAGER:</b> Peasley          | <b>DIRECTOR DIVISION:</b> District Wide |
| <b>ORIGINAL APPROVED DATE:</b> 5/29/2007 | <b>I.D. LOCATION:</b> District Wide     |
| <b>RELATED CIP PROJECTS:</b> P2450       | <b>PRIORITY:</b> 1                      |
|  | <b>BUDGET AMOUNT:</b> \$1,800,000       |

**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:**

General Fund at 40% expansion and betterment funds from ID 1 at 5%, ID 2 at 2%, ID 3 at 4%, ID 5 at 1%, ID 7 at 5%, ID 9 at 2%, ID 10 at 4%, ID 20 at 7%, and ID 22 at 30%. Funding opportunity is the San Diego County Water Authority Local Investigations and Studies Assistance (LISA) Grant Funding Program for Groundwater Conjunctive Use Studies and Investigations.

**FUND DETAIL:**

| FUNDING SOURCE: | Expansion | Betterment | Replacement | Total |
|-----------------|-----------|------------|-------------|-------|
| General Fund    | 40%       |            |             | 40%   |
| Various I.D.'s  |           | 60%        |             | 60%   |
| <b>TOTAL:</b>   | 40%       | 60%        |             | 100%  |

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

| PRIOR YEARS: | FY    | FY    | FY   | FY   | FY   | FY   |         |
|--------------|-------|-------|------|------|------|------|---------|
| TOTAL        | 2011  | 2012  | 2013 | 2014 | 2015 | 2016 | TOTAL   |
| \$800        | \$600 | \$400 |      |      |      |      | \$1,800 |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2467**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/07                            | 06/12                             | \$1,800                                |
| <b>DESIGN:</b>        |                                  |                                   |  |
| <b>CONSTRUCTION:</b>  |                                  |                                   |  |

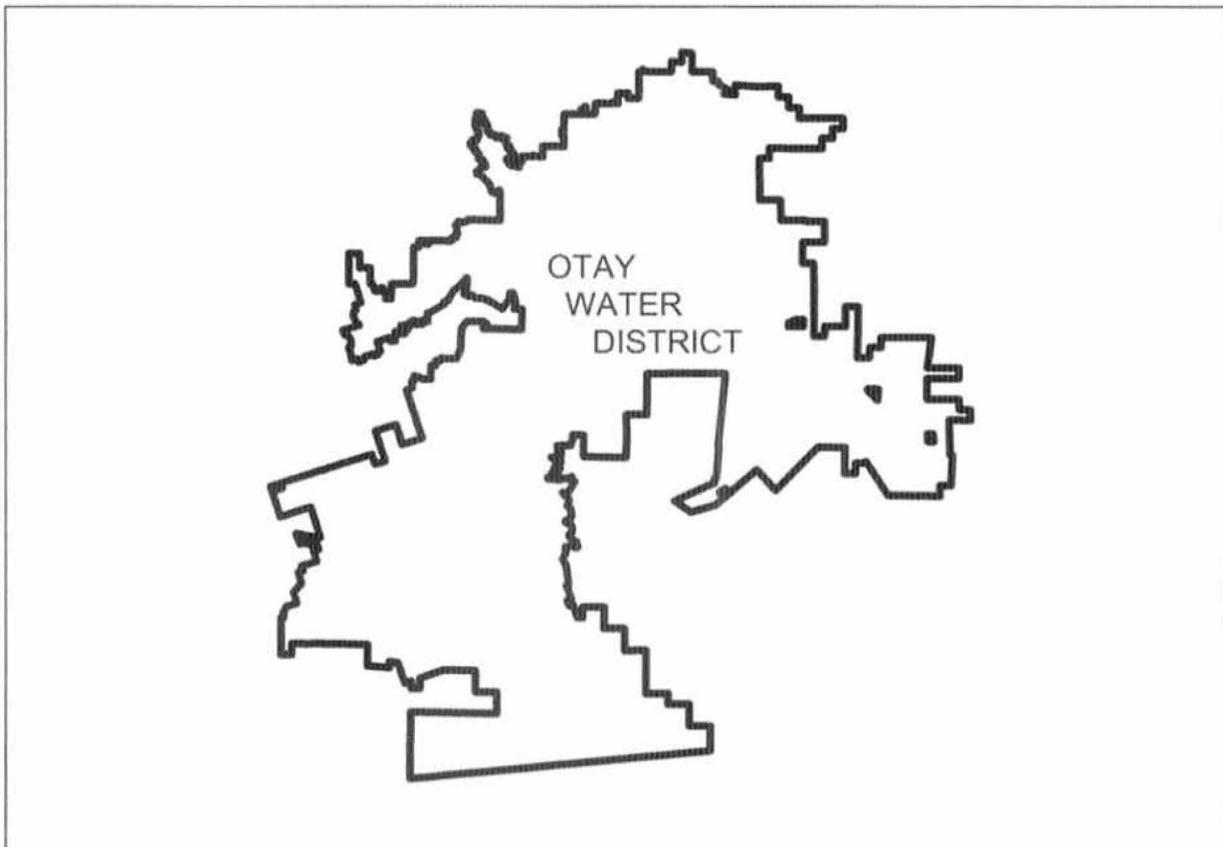
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   |              |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|             |             |             |             |             |             | \$0.00       |

**PROJECT LOCATION:**

**Thomas Bros. Map:**

**OWD Map Book:**



**Submitted By:** James Peasley

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2471**

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

|                                |           |                           |           |
|--------------------------------|-----------|---------------------------|-----------|
| <b>PROJECT MANAGER:</b>        | Ripperger | <b>DIRECTOR DIVISION:</b> | 4         |
| <b>ORIGINAL APPROVED DATE:</b> | 6/23/2008 | <b>I.D. LOCATION:</b>     | 20        |
| <b>RELATED CIP PROJECTS:</b>   | P2357     | <b>PRIORITY:</b>          | 1         |
|                                |           | <b>BUDGET AMOUNT:</b>     | \$310,000 |

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$70                | \$240       |             |             |             |             |             | \$310        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2471**

**PROJECT SCHEDULE:**

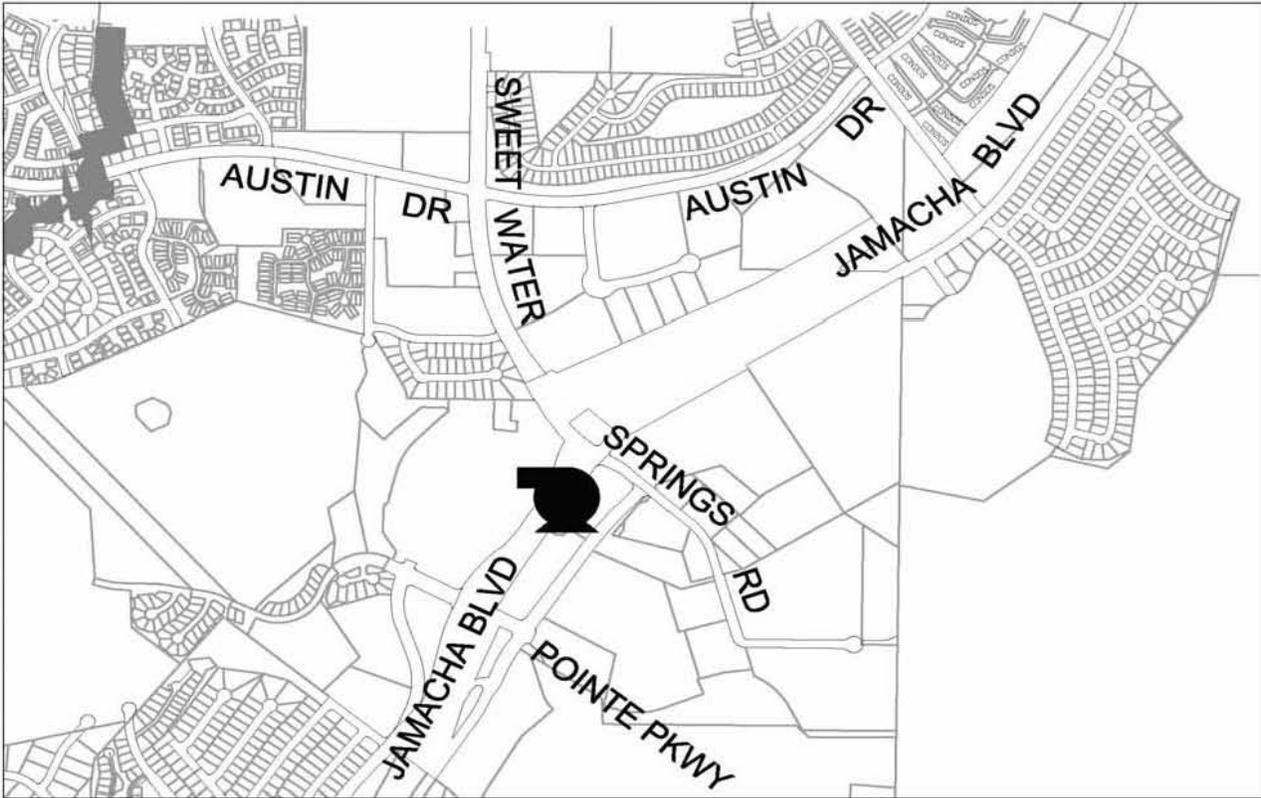
| <b>PROJECT PHASE:</b> | <b>ESTIMATED START DATE:</b> | <b>ESTIMATED FINISH DATE:</b> | <b>ESTIMATED COST (X \$1,000):</b> |
|-----------------------|------------------------------|-------------------------------|------------------------------------|
| <b>PLANNING:</b>      | 07/08                        | 03/09                         | \$12                               |
| <b>DESIGN:</b>        | 04/10                        | 10/10                         | \$34                               |
| <b>CONSTRUCTION:</b>  | 11/10                        | 06/11                         | \$264                              |

**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> |
|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | \$0.00       |

**PROJECT LOCATION:** Thomas Bros. Map: 1291

**OWD Map Book:** 317



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2472**

**PROJECT TITLE:** Water Supply Feasibility Studies

|  |   |
|--|---|
| <b>PROJECT MANAGER:</b> Peasley          | <b>DIRECTOR DIVISION:</b> District Wide |
| <b>ORIGINAL APPROVED DATE:</b> 6/23/2008 | <b>I.D. LOCATION:</b> District Wide     |
| <b>RELATED CIP PROJECTS:</b>             | <b>PRIORITY:</b> 1                      |
|  | <b>BUDGET AMOUNT:</b> \$175,000         |

**DESCRIPTION OF PROJECT:**

This project provides funding for general water supply feasibility planning study efforts that benefit existing and future customers.

**JUSTIFICATION OF PROJECT:**

Implementation of the Integrated Water Resources Plan to enhance reliability, achieve diversification, increase flexibility, etc. require funding to continue to pursue alternative supply opportunities, etc.

**COMMENTS:**

General Fund at 40% expansion and betterment funds from ID 1 at 5%, ID 2 at 2%, ID 3 at 4%, ID 5 at 1%, ID 7 at 5%, ID 9 at 2%, ID 10 at 4%, ID 20 at 7%, and ID 22 at 30%.

**FUND DETAIL:**

| <b>FUNDING SOURCE:</b> | <b>Expansion</b> | <b>Betterment</b> | <b>Replacement</b> | <b>Total</b> |
|------------------------|------------------|-------------------|--------------------|--------------|
| General Fund           | 40%              |                   |                    | 40%          |
| Various I.D.'s         |                  | 60%               |                    | 60%          |
| <b>TOTAL:</b>          | 40%              | 60%               |                    | 100%         |

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

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$25                | \$30        | \$30        | \$30        | \$30        | \$30        |             | \$175        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2472**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/08                            | 06/15                             | \$175                                  |
| <b>DESIGN:</b>        |                                  |                                   |  |
| <b>CONSTRUCTION:</b>  |                                  |                                   |  |

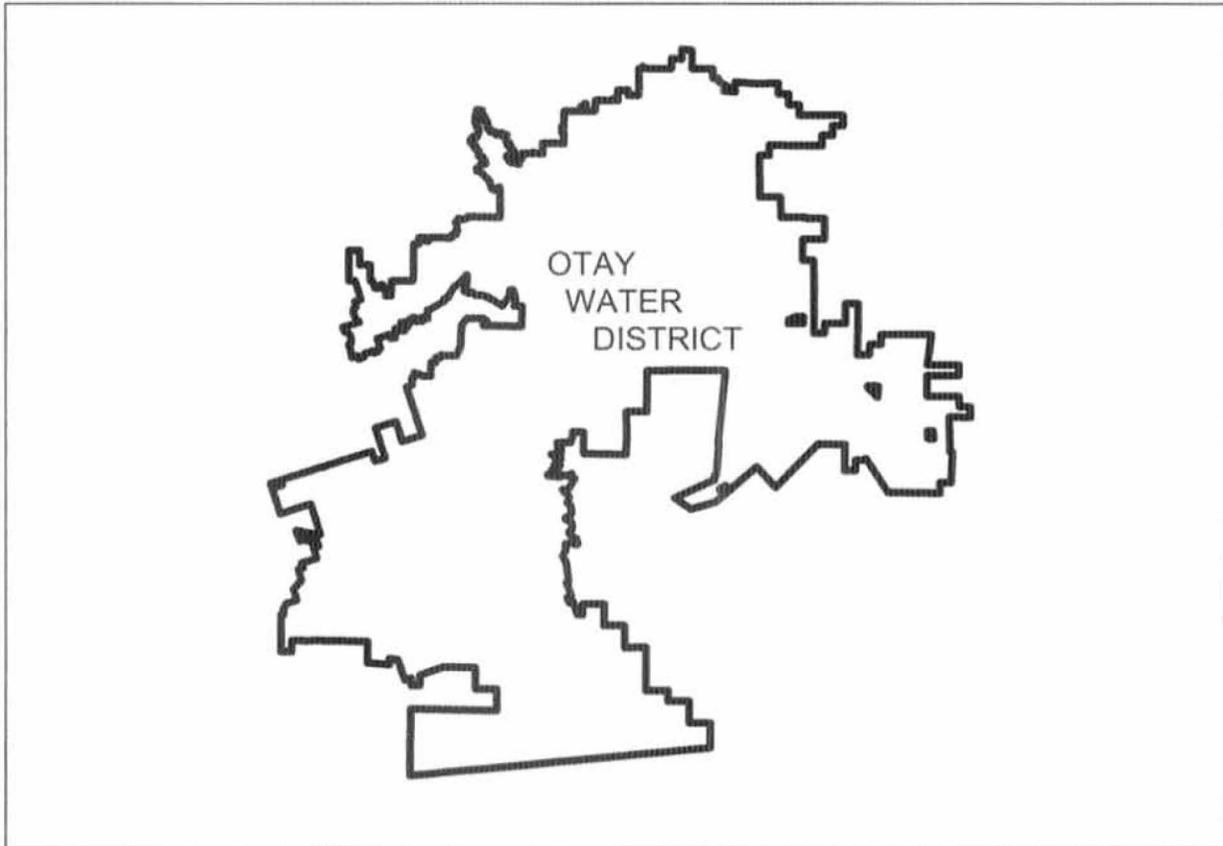
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   |              |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|             |             |             |             |             |             | \$0.00       |

**PROJECT LOCATION:**

**Thomas Bros. Map:**

**OWD Map Book:**



**Submitted By:** James Peasley

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2473**

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

|  |                                 |
|--|---------------------------------|
| <b>PROJECT MANAGER:</b> Ripperger        | <b>DIRECTOR DIVISION:</b> 1     |
| <b>ORIGINAL APPROVED DATE:</b> 6/23/2008 | <b>I.D. LOCATION:</b> 22        |
| <b>RELATED CIP PROJECTS:</b>             | <b>PRIORITY:</b> 1              |
|  | <b>BUDGET AMOUNT:</b> \$500,000 |

**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:**

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

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

| PRIOR YEARS: | FY    | FY    | FY   | FY   | FY   | FY   |       |
|--------------|-------|-------|------|------|------|------|-------|
| TOTAL        | 2011  | 2012  | 2013 | 2014 | 2015 | 2016 | TOTAL |
| \$50         | \$200 | \$250 |      |      |      |      | \$500 |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2473**

**PROJECT SCHEDULE:**

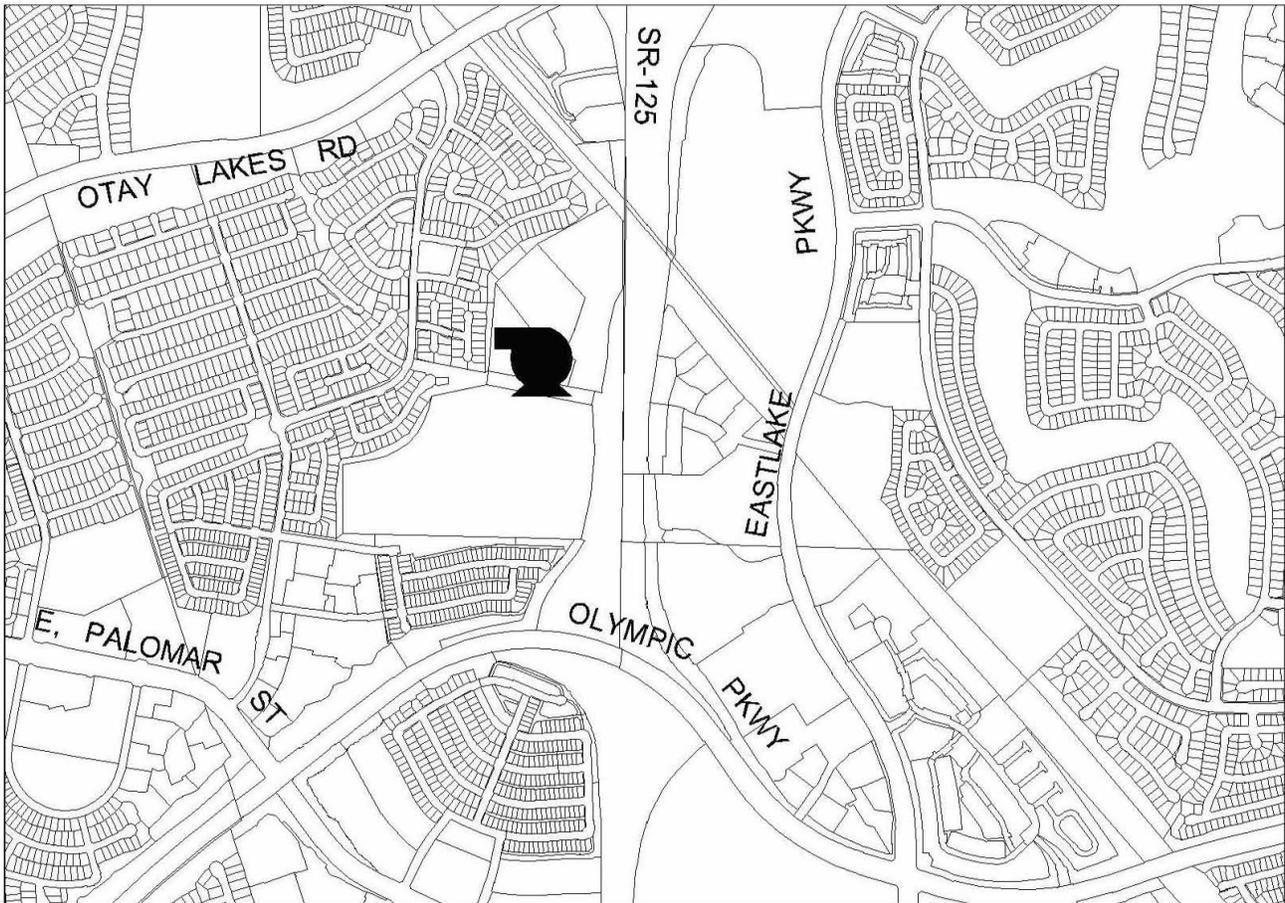
| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 01/09                            | 04/09                             | \$17                                   |
| <b>DESIGN:</b>        | 05/09                            | 10/10                             | \$47                                   |
| <b>CONSTRUCTION:</b>  | 11/10                            | 06/12                             | \$436                                  |

**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> |
|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | \$0.00       |

**PROJECT LOCATION:** Thomas Bros. Map: 1311

**OWD Map Book: 114**



**Submitted By:** Ron Ripperger

**Date:** 02/24/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2474**

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

|  |   |
|--|---|
| <b>PROJECT MANAGER:</b> Kennedy          | <b>DIRECTOR DIVISION:</b> District Wide |
| <b>ORIGINAL APPROVED DATE:</b> 6/23/2008 | <b>I.D. LOCATION:</b> District Wide     |
| <b>RELATED CIP PROJECTS:</b>             | <b>PRIORITY:</b> 1                      |
|  | <b>BUDGET AMOUNT:</b> \$120,000         |

**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. General Fund at 40% expansion and 60% replacement..

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$20                | \$50        | \$50        |             |             |             |             | \$120        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2474**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/08                            | 06/09                             | \$5                                    |
| <b>DESIGN:</b>        | 07/09                            | 12/09                             | \$15                                   |
| <b>CONSTRUCTION:</b>  | 01/10                            | 06/12                             | \$100                                  |

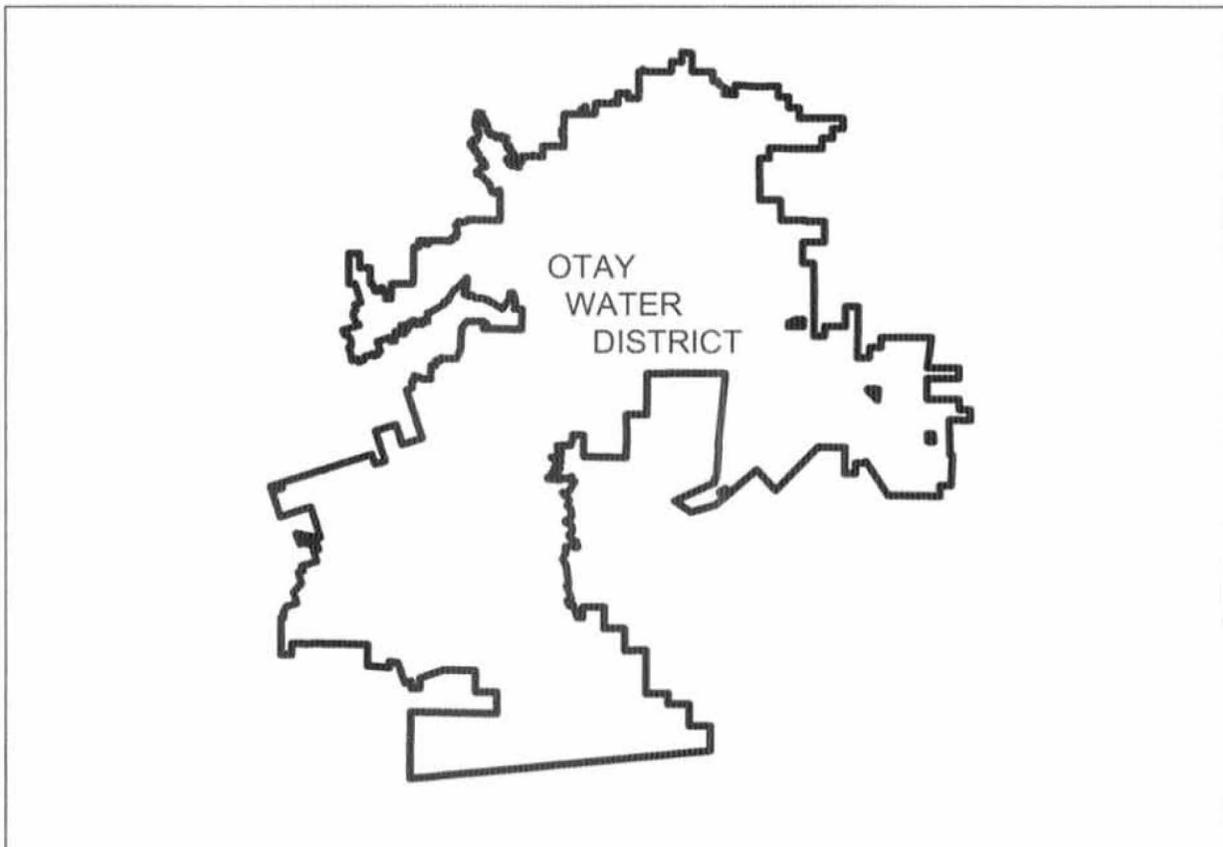
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   |              |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|             |             |             |             |             |             | \$0.00       |

**PROJECT LOCATION:**

**Thomas Bros. Map:**

**OWD Map Book:**



**Submitted By:** Bob Kennedy

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2475**

**PROJECT TITLE:** Pump Station Fire Hydrant Installations

|  |   |
|--|---|
| <b>PROJECT MANAGER:</b> Kennedy          | <b>DIRECTOR DIVISION:</b> District Wide |
| <b>ORIGINAL APPROVED DATE:</b> 6/23/2008 | <b>I.D. LOCATION:</b> District Wide     |
| <b>RELATED CIP PROJECTS:</b>             | <b>PRIORITY:</b> 1                      |
|  | <b>BUDGET AMOUNT:</b> \$55,000          |

**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:**

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

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

| PRIOR YEARS: | FY   | FY   | FY   | FY   | FY   | FY   |       |
|--------------|------|------|------|------|------|------|-------|
| TOTAL        | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | TOTAL |
| \$10         | \$45 |      |      |      |      |      | \$55  |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2475**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      |                                  |                                   |  |
| <b>DESIGN:</b>        |                                  |                                   |  |
| <b>CONSTRUCTION:</b>  | 04/09                            | 06/11                             | \$55                                   |

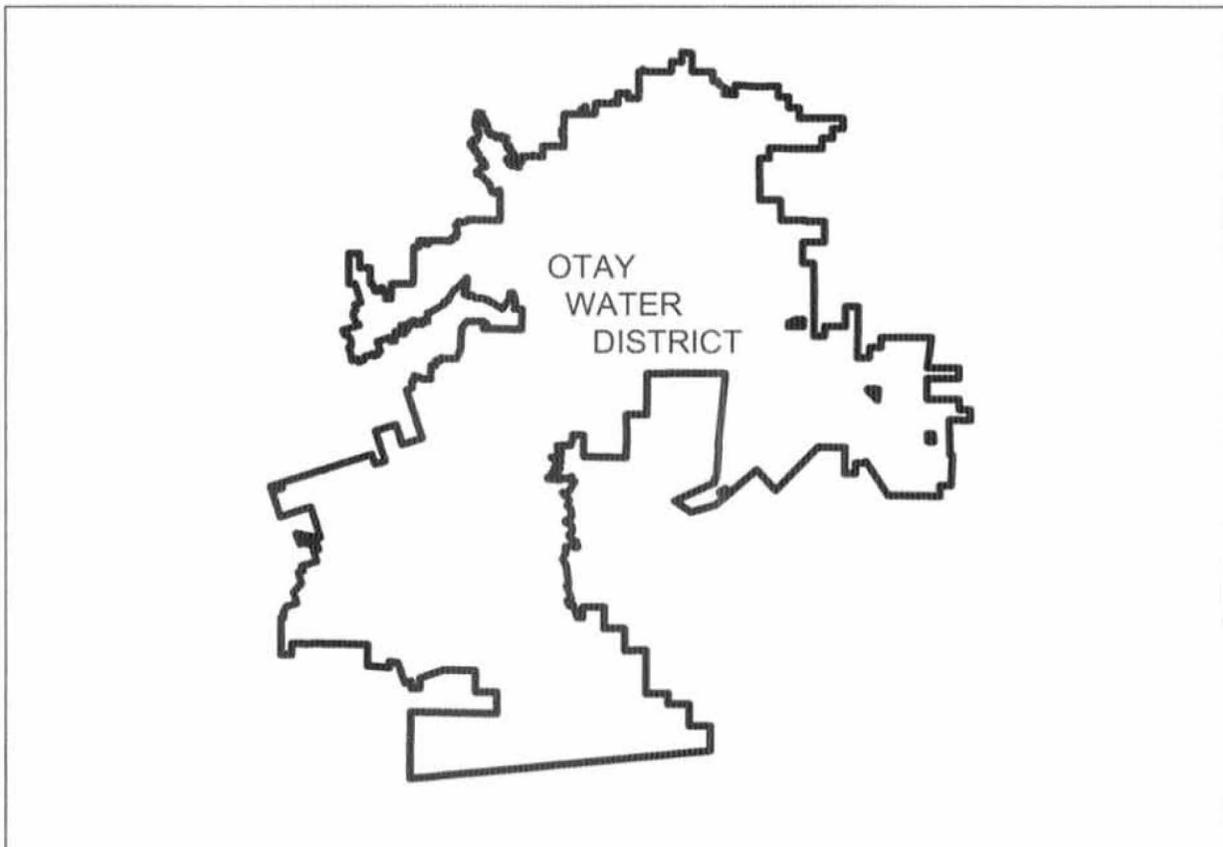
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>TOTAL</b> |
|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | \$0.00       |

**PROJECT LOCATION:**

**Thomas Bros. Map:**

**OWD Map Book:**



**Submitted By:** Bob Kennedy

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2481**

**PROJECT TITLE:** Middle Sweetwater River Basin Groundwater Well Feasibility

|  |                                   |
|--|-----------------------------------|
| <b>PROJECT MANAGER:</b> Peasley          | <b>DIRECTOR DIVISION:</b> 5       |
| <b>ORIGINAL APPROVED DATE:</b> 5/21/2009 | <b>I.D. LOCATION:</b> 20          |
| <b>RELATED CIP PROJECTS:</b>             | <b>PRIORITY:</b> 1                |
|  | <b>BUDGET AMOUNT:</b> \$1,820,000 |

**DESCRIPTION OF PROJECT:**

Production well development of approximately 1,000 acre feet per year for potable water use.

**JUSTIFICATION OF PROJECT:**

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

**COMMENTS:**

General Fund at 40% expansion and betterment funds from ID 1 at 5%, ID 2 at 2%, ID 3 at 4%, ID 5 at 1%, ID 7 at 5%, ID 9 at 2%, ID 10 at 4%, ID 20 at 7%, and ID 22 at 30%.

**FUND DETAIL:**

| <b>FUNDING SOURCE:</b> | <b>Expansion</b> | <b>Betterment</b> | <b>Replacement</b> | <b>Total</b> |
|------------------------|------------------|-------------------|--------------------|--------------|
| General Fund           | 40%              |                   |                    | 40%          |
| Various I.D.'s         |                  | 60%               |                    | 60%          |
| <b>TOTAL:</b>          | 40%              | 60%               |                    | 100%         |

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

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$1,000             | \$50        | \$770       |             |             |             |             | \$1,820      |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2481**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/08                            | 12/10                             | \$30                                   |
| <b>DESIGN:</b>        | 01/11                            | 12/11                             | \$450                                  |
| <b>CONSTRUCTION:</b>  | 01/12                            | 06/12                             | \$1,340                                |

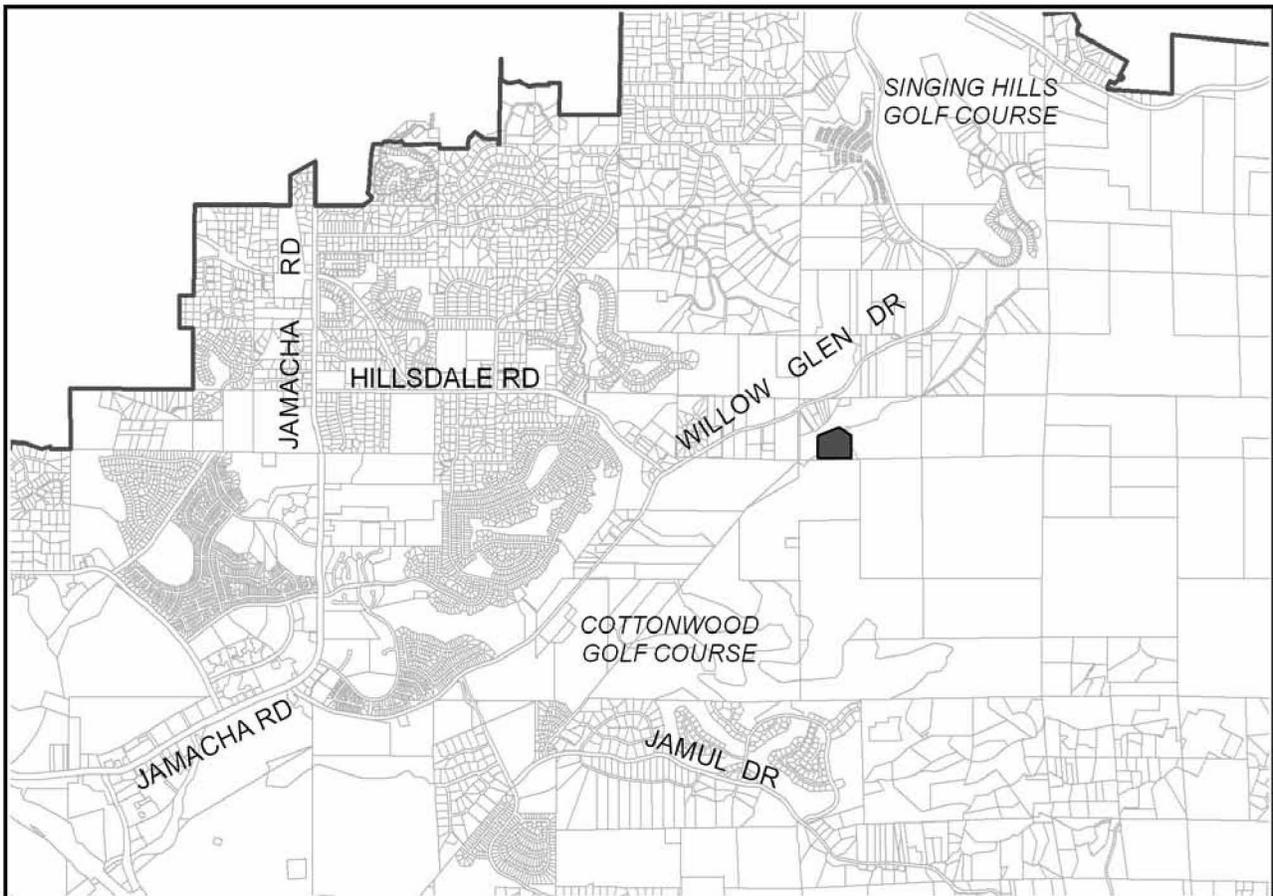
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>TOTAL</b> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             |             | \$8,900     | \$9,200     | \$9,500     | \$9,800     | \$37,400     |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1272**

**OWD Map Book: 357**



**Submitted By:** James Peasley

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2488**

**PROJECT TITLE:** Del Rio Road Helix and Otay Agency Interconnection

|  |                                 |
|--|---------------------------------|
| <b>PROJECT MANAGER:</b> Kay              | <b>DIRECTOR DIVISION:</b> 3     |
| <b>ORIGINAL APPROVED DATE:</b> 5/21/2009 | <b>I.D. LOCATION:</b> 20        |
| <b>RELATED CIP PROJECTS:</b>             | <b>PRIORITY:</b> 1              |
|  | <b>BUDGET AMOUNT:</b> \$150,000 |

**DESCRIPTION OF PROJECT:**

This project provide for a new interconnection located at Del Rio Road with the Helix Water District that will be capable of flowing potable water to either agency at the 850 elevation hydraulic grade.

**JUSTIFICATION OF PROJECT:**

This interconnection would provide a vital role in supplying Otay WD with an alternative water source during an outage or water supply shortage.

**COMMENTS:**

General Fund at 40% expansion and betterment funds from ID 1 at 5%, ID 2 at 2%, ID 3 at 4%, ID 5 at 1%, ID 7 at 5%, ID 9 at 2%, ID 10 at 4%, ID 20 at 7%, and ID 22 at 30%.

**FUND DETAIL:**

| FUNDING SOURCE: | Expansion | Betterment | Replacement | Total |
|-----------------|-----------|------------|-------------|-------|
| General Fund    | 40%       |            |             | 40%   |
| Various I.D.'s  |           | 60%        |             | 60%   |
| <b>TOTAL:</b>   | 40%       | 60%        |             | 100%  |

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

| PRIOR YEARS: | FY    | FY   | FY   | FY   | FY   | FY   |       |
|--------------|-------|------|------|------|------|------|-------|
| TOTAL        | 2011  | 2012 | 2013 | 2014 | 2015 | 2016 | TOTAL |
| \$25         | \$120 | \$5  |      |      |      |      | \$150 |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2488**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/09                            | 02/10                             | \$6                                    |
| <b>DESIGN:</b>        | 03/10                            | 09/10                             | \$17                                   |
| <b>CONSTRUCTION:</b>  | 10/10                            | 06/12                             | \$127                                  |

**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> |
|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | \$0.00       |

**PROJECT LOCATION:**

Thomas Bros. Map: 1271

OWD Map Book: 342



Submitted By: Daniel Kay

Date: 02/02/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2489**

**PROJECT TITLE:** Gillispie Drive Helix and Otay Agency Interconnection

|  |                                 |
|--|---------------------------------|
| <b>PROJECT MANAGER:</b> Kay              | <b>DIRECTOR DIVISION:</b> 3     |
| <b>ORIGINAL APPROVED DATE:</b> 5/21/2009 | <b>I.D. LOCATION:</b> 1         |
| <b>RELATED CIP PROJECTS:</b>             | <b>PRIORITY:</b> 1              |
|  | <b>BUDGET AMOUNT:</b> \$150,000 |

**DESCRIPTION OF PROJECT:**

This project provide for a new interconnection located at Gillespie Drive with the Helix Water District that will be capable of flowing potable water to either agency at the 657 elevation hydraulic grade.

**JUSTIFICATION OF PROJECT:**

This interconnection would provide a vital role in supplying Otay WD with an alternative water source during an outage or water supply shortage.

**COMMENTS:**

General Fund at 40% expansion and betterment funds from ID 1 at 5%, ID 2 at 2%, ID 3 at 4%, ID 5 at 1%, ID 7 at 5%, ID 9 at 2%, ID 10 at 4%, ID 20 at 7%, and ID 22 at 30%.

**FUND DETAIL:**

| FUNDING SOURCE: | Expansion | Betterment | Replacement | Total |
|-----------------|-----------|------------|-------------|-------|
| General Fund    | 40%       |            |             | 40%   |
| Various I.D.'s  |           | 60%        |             | 60%   |
| <b>TOTAL:</b>   | 40%       | 60%        |             | 100%  |

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

| PRIOR YEARS: | FY    | FY   | FY   | FY   | FY   | FY   |       |
|--------------|-------|------|------|------|------|------|-------|
| TOTAL        | 2011  | 2012 | 2013 | 2014 | 2015 | 2016 | TOTAL |
| \$10         | \$135 | \$5  |      |      |      |      | \$150 |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2489**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/09                            | 02/10                             | \$6                                    |
| <b>DESIGN:</b>        | 03/10                            | 09/10                             | \$17                                   |
| <b>CONSTRUCTION:</b>  | 10/10                            | 06/12                             | \$127                                  |

**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> |
|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | \$0.00       |

**PROJECT LOCATION:** Thomas Bros. Map: 1291

**OWD Map Book: 302**



**Submitted By:** Daniel Kay

**Date:** 02/02/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2497**

**PROJECT TITLE:** Solar Power Feasibility Study

|  |                                 |
|--|---------------------------------|
| <b>PROJECT MANAGER:</b> Kennedy          | <b>DIRECTOR DIVISION:</b> 4     |
| <b>ORIGINAL APPROVED DATE:</b> 5/21/2009 | <b>I.D. LOCATION:</b> 20        |
| <b>RELATED CIP PROJECTS:</b>             | <b>PRIORITY:</b> 1              |
|  | <b>BUDGET AMOUNT:</b> \$250,000 |

**DESCRIPTION OF PROJECT:**

This project provides funding of a feasibility study to asses solar power installation of a 100 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 provides public sector owners 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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$100               | \$150       |             |             |             |             |             | \$250        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2497**

**PROJECT SCHEDULE:**

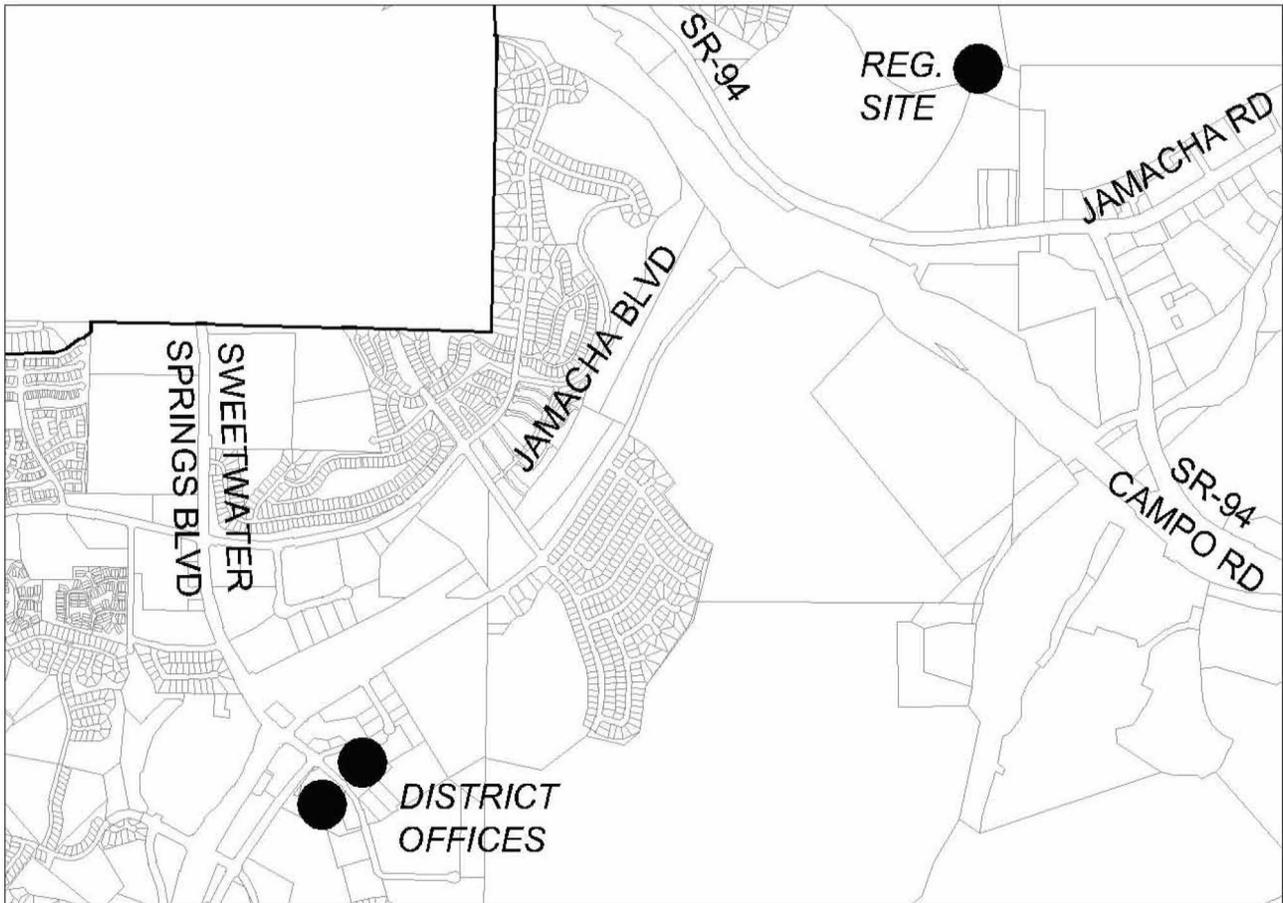
| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/09                            | 06/12                             | \$250                                  |
| <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>TOTAL</b>  |
|-------------|-------------|-------------|-------------|-------------|-------------|---------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>\$0.00</b> |
|             |             |             |             |             |             |               |

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

**OWD Map Book: 318**



**Submitted By:** Bob Kennedy

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2502**

**PROJECT TITLE: 803-1 Pump Station Modifications**

|                                    |                                 |
|------------------------------------|---------------------------------|
| <b>PROJECT MANAGER:</b> Ripperger  | <b>DIRECTOR DIVISION:</b> 5     |
| <b>ORIGINAL APPROVED DATE:</b>     | <b>I.D. LOCATION:</b> 20        |
| <b>RELATED CIP PROJECTS:</b> P2503 | <b>PRIORITY:</b> 1              |
|                                    | <b>BUDGET AMOUNT:</b> \$200,000 |

**DESCRIPTION OF PROJECT:**

Modify the existing pump within the pump station to allow for suction from the 640 Reservoirs. The concept is to remove three of the existing stages of each pump location.

**JUSTIFICATION OF PROJECT:**

The completion of the 640 reservoir project allows for a reduced static lift of 120 feet resulting in significant electrical energy savings.

**COMMENTS:**

**FUND DETAIL:**

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

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

| PRIOR YEARS: | FY   | FY    | FY   | FY   | FY   | FY   |       |
|--------------|------|-------|------|------|------|------|-------|
| TOTAL        | 2011 | 2012  | 2013 | 2014 | 2015 | 2016 | TOTAL |
|              | \$50 | \$150 |      |      |      |      | \$200 |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2502**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/10                            | 09/10                             | \$5                                    |
| <b>DESIGN:</b>        | 10/10                            | 12/10                             | \$45                                   |
| <b>CONSTRUCTION:</b>  | 01/11                            | 06/12                             | \$150                                  |

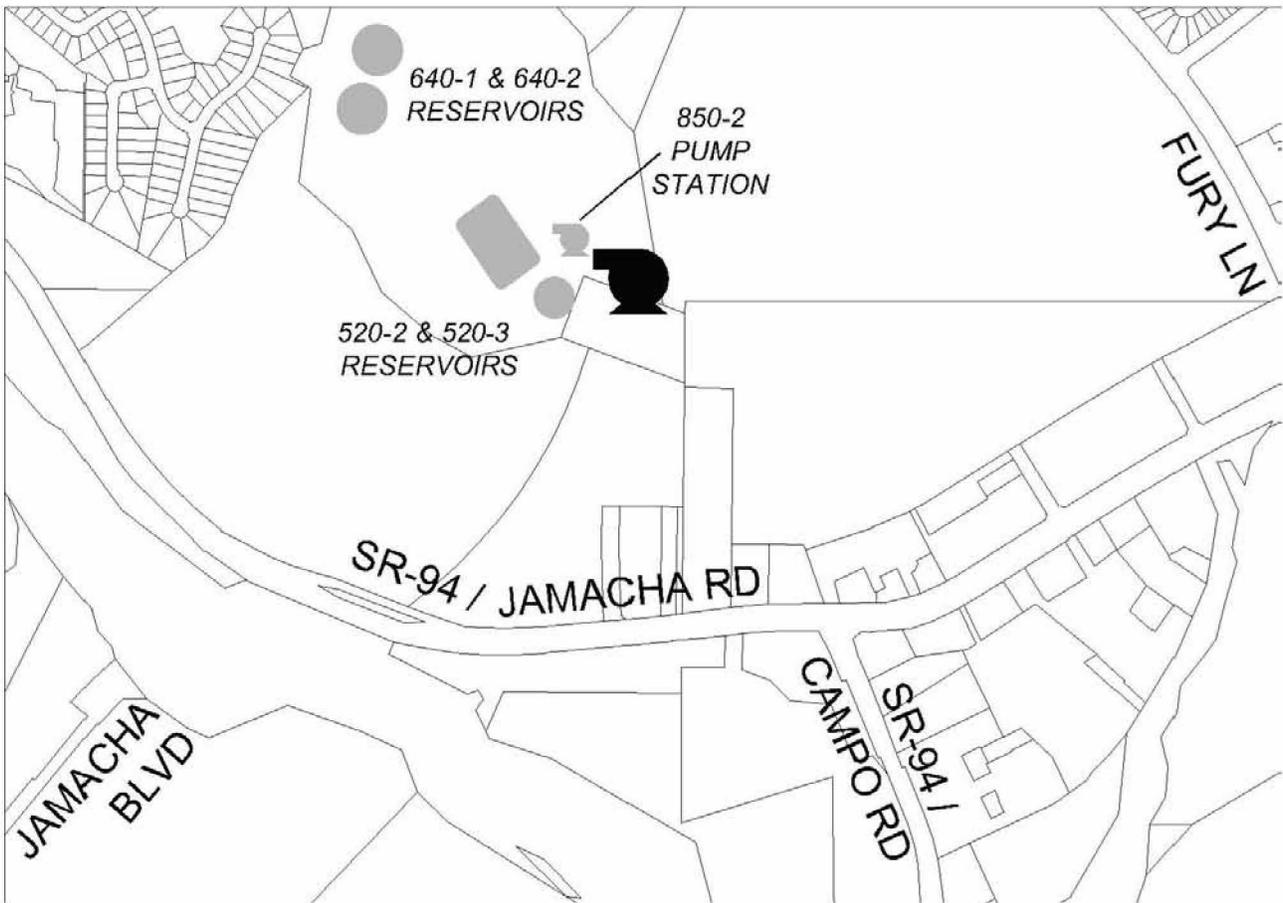
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>TOTAL</b> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             |             | \$-81,900   | \$-84,400   | \$-86,900   | \$-89,500   | \$-342,700   |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1271**

**OWD Map Book: 343**



**Submitted By:** Ron Ripperger

**Date:** 02/24/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2503**

**PROJECT TITLE: 850-2 Pump Station Modifications**

|                                    |                                 |
|------------------------------------|---------------------------------|
| <b>PROJECT MANAGER:</b> Ripperger  | <b>DIRECTOR DIVISION:</b> 5     |
| <b>ORIGINAL APPROVED DATE:</b>     | <b>I.D. LOCATION:</b> 20        |
| <b>RELATED CIP PROJECTS:</b> P2502 | <b>PRIORITY:</b> 1              |
|                                    | <b>BUDGET AMOUNT:</b> \$650,000 |

**DESCRIPTION OF PROJECT:**

Modify the existing pump within the pump station to allow for suction from the 640 Reservoirs and the 520 Reservoirs. The concept is to install variable frequency drives and rebuilding of the existing fixed speed pump motors.

**JUSTIFICATION OF PROJECT:**

The completion of the 640 reservoir project allows for a reduced static lift of 120 feet resulting in significant electrical energy savings.

**COMMENTS:**

**FUND DETAIL:**

| FUNDING SOURCE: | Expansion | Betterment | Replacement | Total |
|-----------------|-----------|------------|-------------|-------|
| I.D. 20         |           | 100%       |             | 100%  |
| <b>TOTAL:</b>   |           | 100%       |             | 100%  |

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

| PRIOR YEARS: | FY    | FY    | FY   | FY   | FY   | FY   |       |
|--------------|-------|-------|------|------|------|------|-------|
| TOTAL        | 2011  | 2012  | 2013 | 2014 | 2015 | 2016 | TOTAL |
|              | \$150 | \$500 |      |      |      |      | \$650 |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2503**

**PROJECT SCHEDULE:**

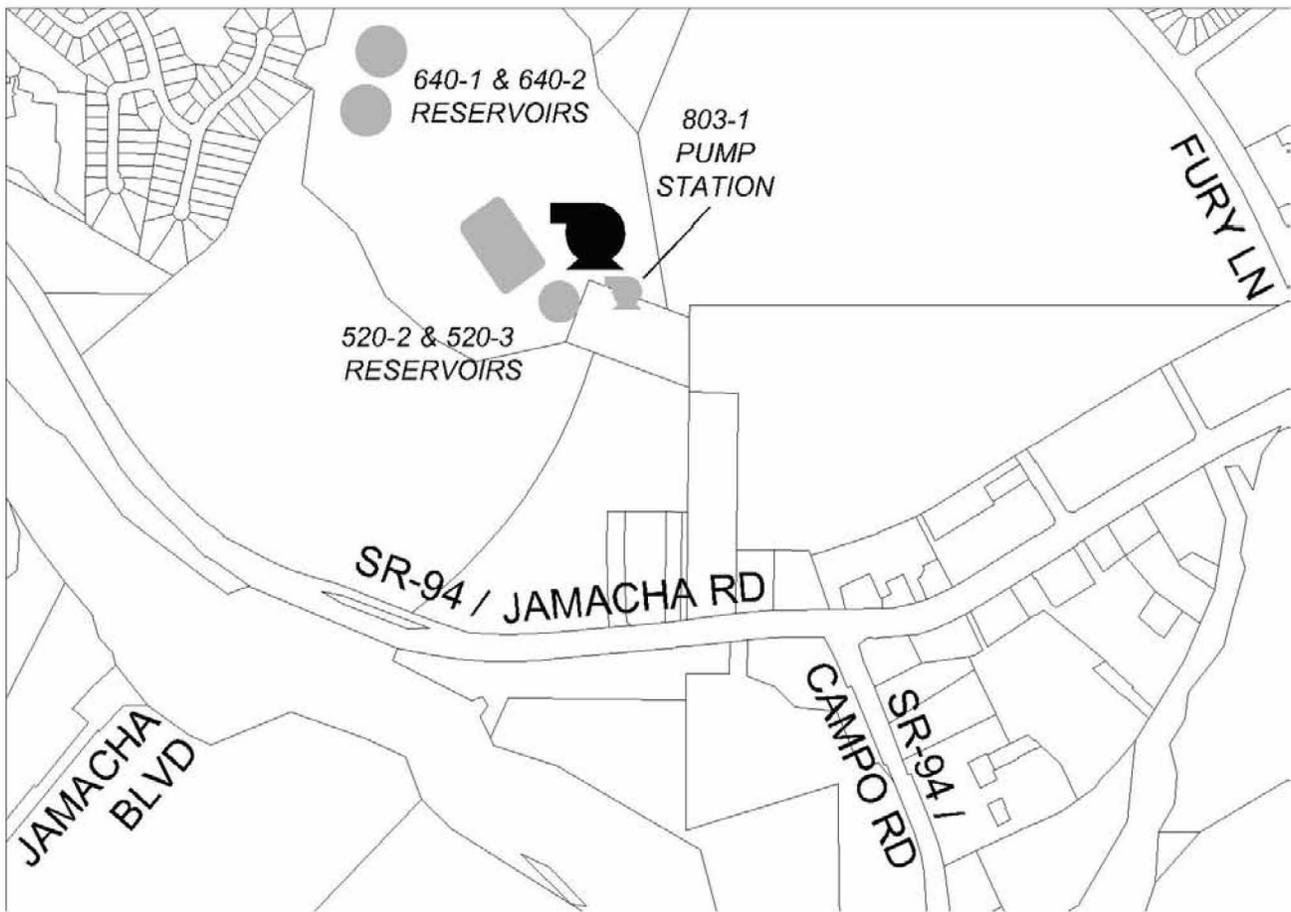
| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/10                            | 09/10                             | \$5                                    |
| <b>DESIGN:</b>        | 10/10                            | 12/10                             | \$45                                   |
| <b>CONSTRUCTION:</b>  | 01/11                            | 06/12                             | \$600                                  |

**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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             |             | \$-50,400   | \$-51,900   | \$-53,500   | \$-55,100   | \$-210,900   |

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

**OWD Map Book: 343**



**Submitted By:** Ron Ripperger

**Date:** 02/24/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2510**

**PROJECT TITLE:** Operations Yard Improvements

|                                |                                 |
|--------------------------------|---------------------------------|
| <b>PROJECT MANAGER:</b> Kay    | <b>DIRECTOR DIVISION:</b> 4     |
| <b>ORIGINAL APPROVED DATE:</b> | <b>I.D. LOCATION:</b> 20        |
| <b>RELATED CIP PROJECTS:</b>   | <b>PRIORITY:</b> 1              |
|                                | <b>BUDGET AMOUNT:</b> \$370,000 |

**DESCRIPTION OF PROJECT:**

This project will provide for construction of parking lot improvements at the newly acquired operations yard site.

**JUSTIFICATION OF PROJECT:**

The existing operations parking lots are under sized. Expanded parking space at the operations yard site is needed.

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|                     | \$25        | \$335       | \$10        |             |             |             | \$370        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2510**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/10                            | 08/10                             | \$5                                    |
| <b>DESIGN:</b>        | 09/10                            | 12/10                             | \$35                                   |
| <b>CONSTRUCTION:</b>  | 01/11                            | 06/13                             | \$330                                  |

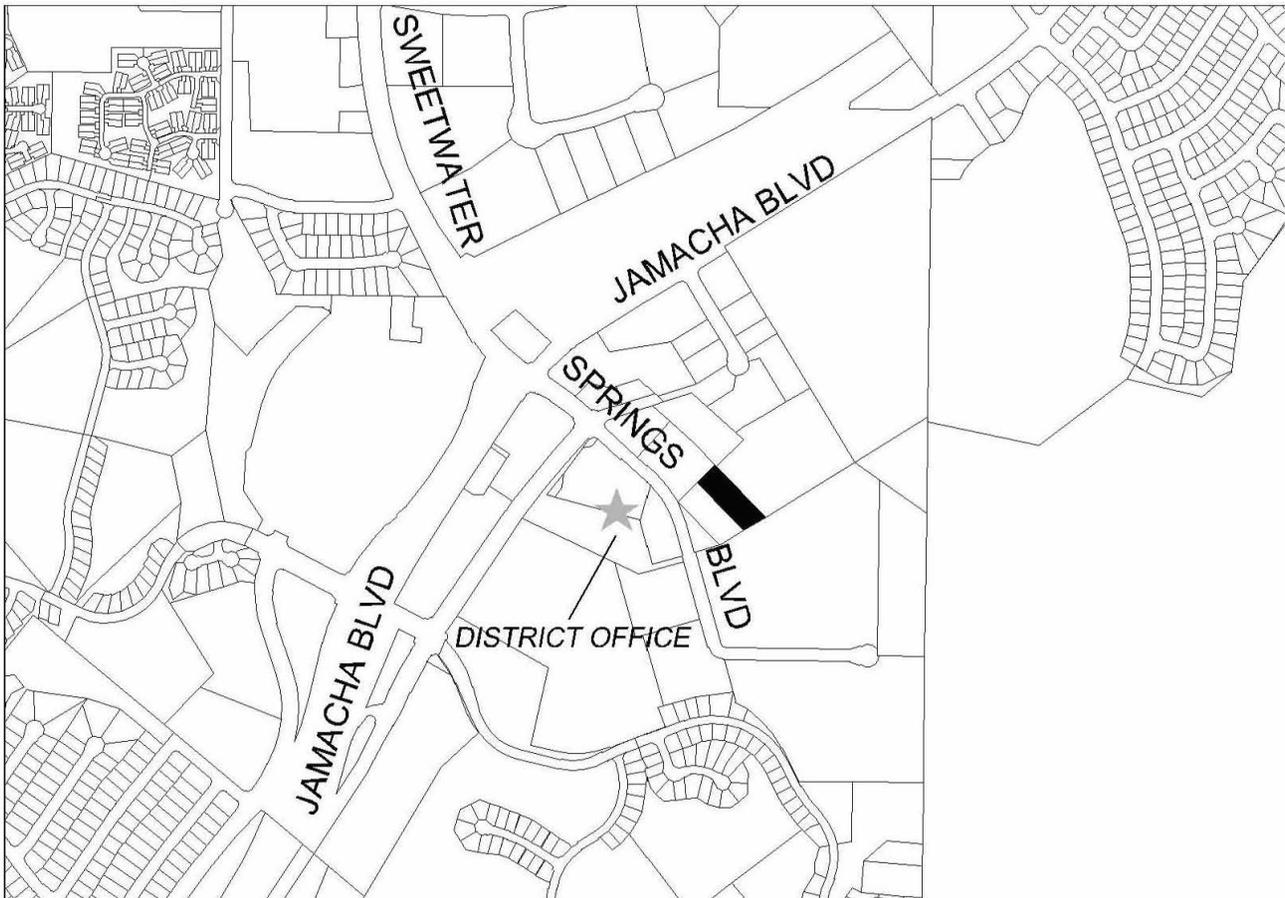
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>TOTAL</b> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1291**

**OWD Map Book: 318**



**Submitted By:** Daniel Kay

**Date:** 02/02/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2511**

**PROJECT TITLE:** North District - South District Interconnection System

|                                |                                    |
|--------------------------------|------------------------------------|
| <b>PROJECT MANAGER:</b> Kay    | <b>DIRECTOR DIVISION:</b> 3        |
| <b>ORIGINAL APPROVED DATE:</b> | <b>I.D. LOCATION:</b> 1            |
| <b>RELATED CIP PROJECTS:</b>   | <b>PRIORITY:</b> 1                 |
|                                | <b>BUDGET AMOUNT:</b> \$37,300,000 |

**DESCRIPTION OF PROJECT:**

This project will provide for a major interconnection between the North District and South District. Also the system will allow for the ability to transfer water from the Sweetwater Authority Perdue Water Treatment Plant into either the North or South District.

**JUSTIFICATION OF PROJECT:**

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

**COMMENTS:**

General Fund at 40% expansion and betterment funds from ID 1 at 5%, ID 2 at 2%, ID 3 at 4%, ID 5 at 1%, ID 7 at 5%, ID 9 at 2%, ID 10 at 4%, ID 20 at 7%, and ID 22 at 30%.

**FUND DETAIL:**

| <b>FUNDING SOURCE:</b> | <b>Expansion</b> | <b>Betterment</b> | <b>Replacement</b> | <b>Total</b> |
|------------------------|------------------|-------------------|--------------------|--------------|
| General Fund           | 40%              |                   |                    | 40%          |
| Various I.D.'s         |                  | 60%               |                    | 60%          |
| <b>TOTAL:</b>          | 40%              | 60%               |                    | 100%         |

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

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|                     | \$800       | \$2,200     | \$15,000    | \$10,200    | \$9,100     |             | \$37,300     |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2511**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/10                            | 12/10                             | \$150                                  |
| <b>DESIGN:</b>        | 01/11                            | 12/12                             | \$2,000                                |
| <b>CONSTRUCTION:</b>  | 01/13                            | 06/15                             | \$35,150                               |

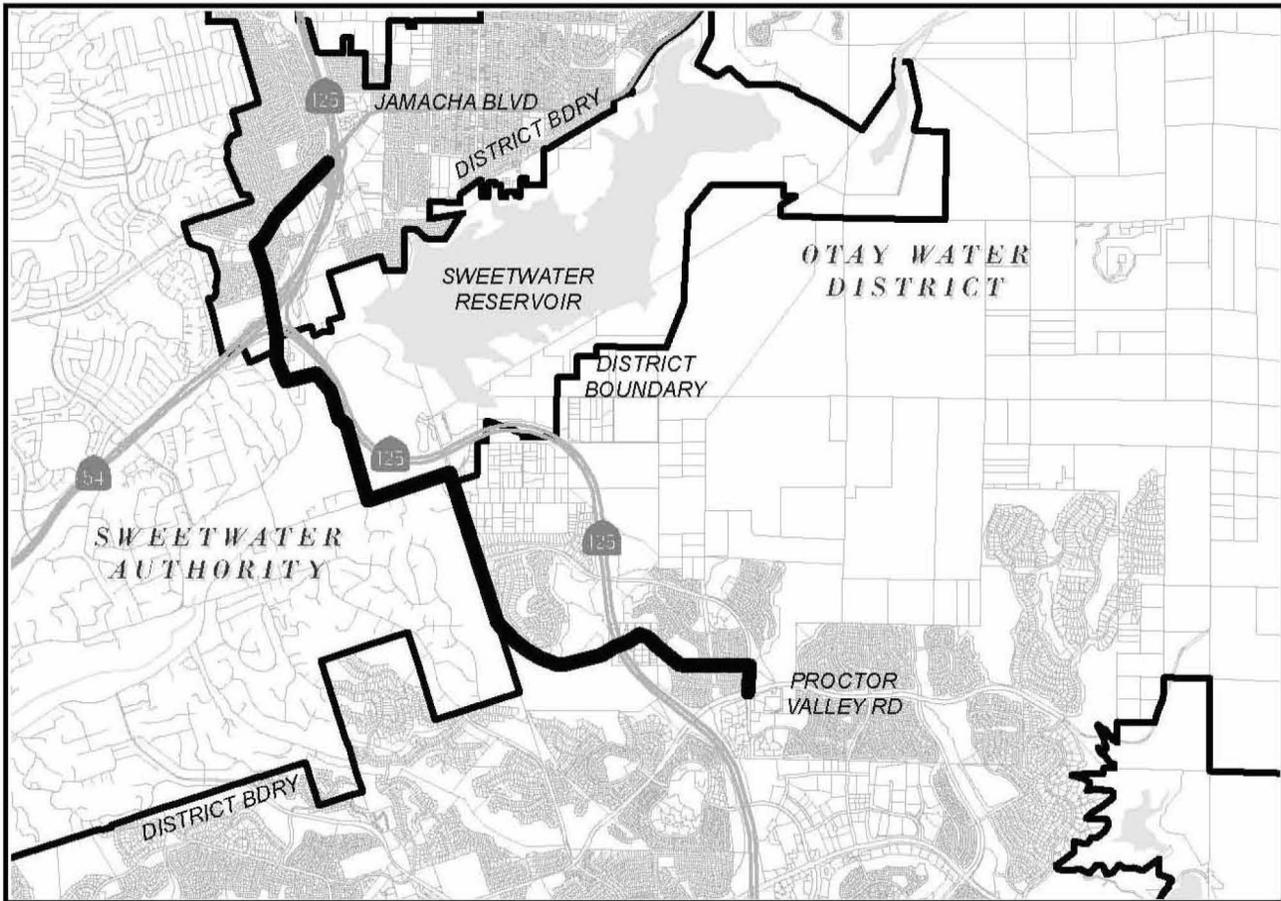
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>TOTAL</b> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             |             |             |             |             | \$10,900    | \$10,900     |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1291**

**OWD Map Book: 184**



**Submitted By:** Daniel Kay

**Date:** 02/02/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2034**

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

|   |                                   |
|---|-----------------------------------|
| <b>PROJECT MANAGER:</b> Kay               | <b>DIRECTOR DIVISION:</b> 2       |
| <b>ORIGINAL APPROVED DATE:</b> 5/23/2006  | <b>I.D. LOCATION:</b> 7           |
| <b>RELATED CIP PROJECTS:</b> R2088, R2088 | <b>PRIORITY:</b> 2                |
|   | <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:**

Funding opportunity is the United States Bureau of Reclamation Water Reclamation and Reuse Program, Title XVI of P.L. 102-575.

**FUND DETAIL:**

| <b>FUNDING SOURCE:</b> | <b>Expansion</b> | <b>Betterment</b> | <b>Replacement</b> | <b>Total</b> |
|------------------------|------------------|-------------------|--------------------|--------------|
| Recycled               | 100%             |                   |                    | 100%         |
| <b>TOTAL:</b>          | 100%             |                   |                    | 100%         |

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

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$30                | \$200       | \$2,200     | \$1,370     |             |             |             | \$3,800      |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2034**

**PROJECT SCHEDULE:**

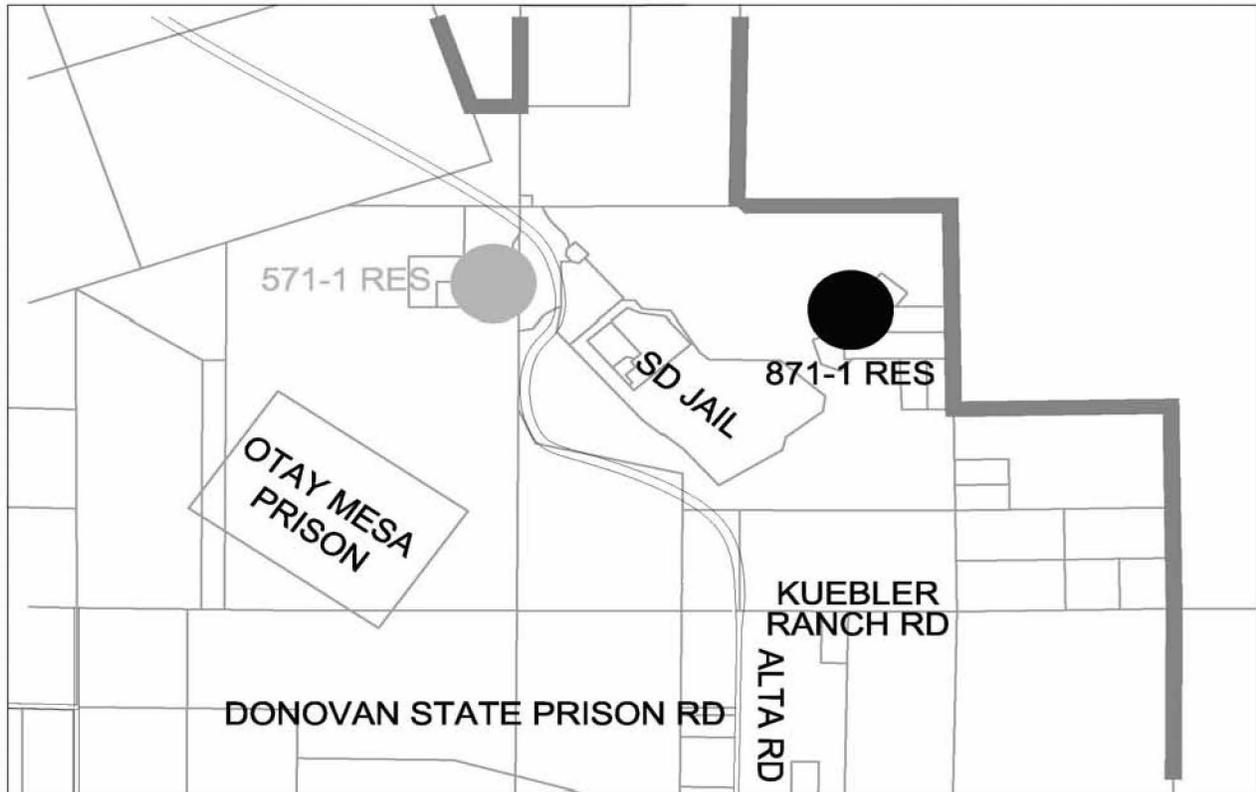
| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 09/06                            | 08/11                             | \$152                                  |
| <b>DESIGN:</b>        | 09/11                            | 06/12                             | \$418                                  |
| <b>CONSTRUCTION:</b>  | 07/12                            | 06/13                             | \$3,230                                |

**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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             |             |             | \$7,500     | \$7,700     | \$7,900     | \$23,100     |

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

**OWD Map Book: 55**



**Submitted By:** Daniel Kay

**Date:** 02/02/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2048**

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

|                                |                            |                           |             |
|--------------------------------|----------------------------|---------------------------|-------------|
| <b>PROJECT MANAGER:</b>        | Ripperger                  | <b>DIRECTOR DIVISION:</b> | 2           |
| <b>ORIGINAL APPROVED DATE:</b> | 6/23/2008                  | <b>I.D. LOCATION:</b>     | 7           |
| <b>RELATED CIP PROJECTS:</b>   | R2058, R2077, R2087, R2088 | <b>PRIORITY:</b>          | 1           |
|                                |                            | <b>BUDGET AMOUNT:</b>     | \$2,200,000 |

**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:**

Funding opportunity is the United States Bureau of Reclamation Water Reclamation and Reuse Program, Title XVI of P.L. 102-575.

**FUND DETAIL:**

| <b>FUNDING SOURCE:</b> | <b>Expansion</b> | <b>Betterment</b> | <b>Replacement</b> | <b>Total</b> |
|------------------------|------------------|-------------------|--------------------|--------------|
| Recycled               | 100%             |                   |                    | 100%         |
| <b>TOTAL:</b>          | 100%             |                   |                    | 100%         |

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

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$60                | \$250       | \$850       | \$1,040     |             |             |             | \$2,200      |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2048**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/08                            | 12/08                             | \$80                                   |
| <b>DESIGN:</b>        | 01/09                            | 06/11                             | \$220                                  |
| <b>CONSTRUCTION:</b>  | 07/11                            | 06/13                             | \$1,900                                |

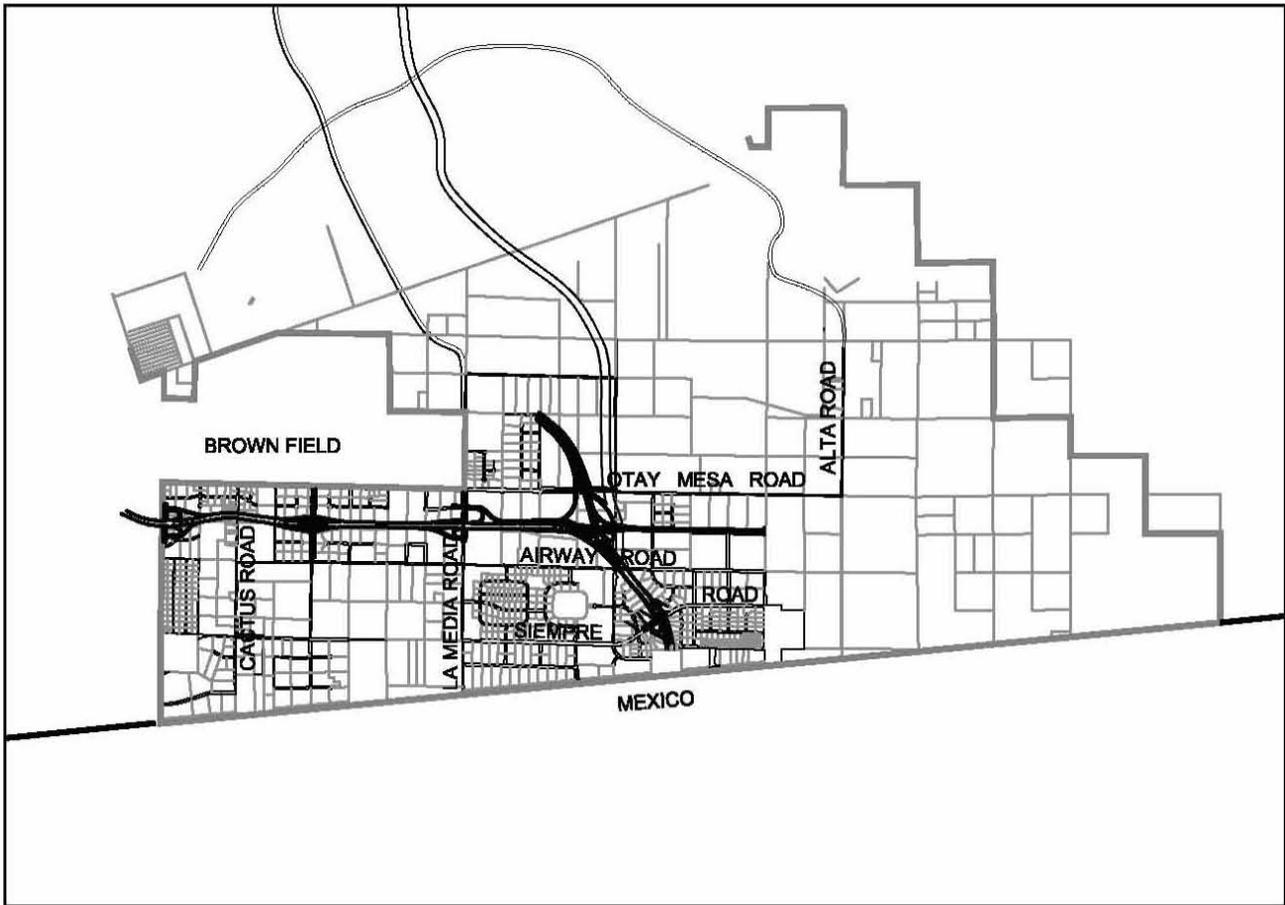
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>TOTAL</b> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             |             |             | \$10,200    | \$10,500    | \$10,800    | \$31,500     |

**PROJECT LOCATION:**

**Thomas Bros. Map:**

**OWD Map Book:**



**Submitted By:** Ron Ripperger

**Date:** 02/24/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2058**

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

|   |                                   |
|---|-----------------------------------|
| <b>PROJECT MANAGER:</b> Kennedy                         | <b>DIRECTOR DIVISION:</b> 2       |
| <b>ORIGINAL APPROVED DATE:</b> 6/16/1999                | <b>I.D. LOCATION:</b> 7           |
| <b>RELATED CIP PROJECTS:</b> R2048, R2077, R2087, R2088 | <b>PRIORITY:</b> 1                |
|   | <b>BUDGET AMOUNT:</b> \$3,500,000 |

**DESCRIPTION OF PROJECT:**

Construction of approximately 10,700 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:**

Funding opportunity is the United States Bureau of Reclamation Water Reclamation and Reuse Program, Title XVI of P.L. 102-575.

**FUND DETAIL:**

| <b>FUNDING SOURCE:</b> | <b>Expansion</b> | <b>Betterment</b> | <b>Replacement</b> | <b>Total</b> |
|------------------------|------------------|-------------------|--------------------|--------------|
| Recycled               | 100%             |                   |                    | 100%         |
| <b>TOTAL:</b>          | 100%             |                   |                    | 100%         |

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

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$1,000             | \$1,000     | \$1,495     | \$5         |             |             |             | \$3,500      |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2058**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/01                            | 12/09                             | \$120                                  |
| <b>DESIGN:</b>        | 01/10                            | 06/11                             | \$330                                  |
| <b>CONSTRUCTION:</b>  | 07/11                            | 06/13                             | \$3,050                                |

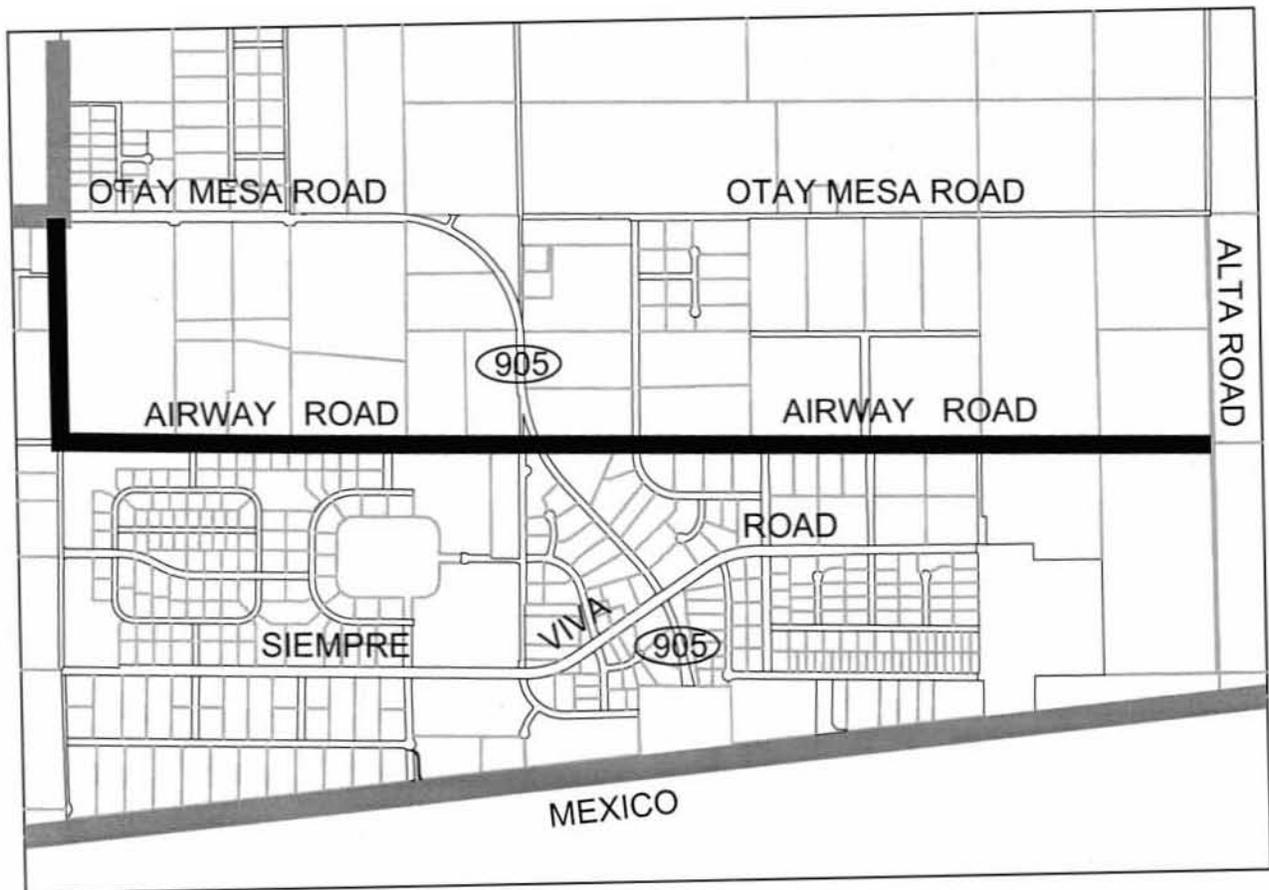
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>TOTAL</b> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             |             |             | \$3,600     | \$3,700     | \$3,800     | \$11,100     |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1351**

**OWD Map Book: 12**



**Submitted By:** Bob Kennedy

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2077**

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

|   |                                   |
|---|-----------------------------------|
| <b>PROJECT MANAGER:</b> Kennedy                         | <b>DIRECTOR DIVISION:</b> 2       |
| <b>ORIGINAL APPROVED DATE:</b> 5/23/2006                | <b>I.D. LOCATION:</b> 7           |
| <b>RELATED CIP PROJECTS:</b> R2048, R2058, R2087, R2088 | <b>PRIORITY:</b> 1                |
|   | <b>BUDGET AMOUNT:</b> \$4,500,000 |

**DESCRIPTION OF PROJECT:**

Construction of approximately 9,300 feet 24-inch pipeline within the 860 Pressure Zone in Alta Road from the Alta Gate location to Airway Road. 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:**

Funding opportunity is the United States Bureau of Reclamation Water Reclamation and Reuse Program, Title XVI of P.L. 102-575.

**FUND DETAIL:**

| <b>FUNDING SOURCE:</b> | <b>Expansion</b> | <b>Betterment</b> | <b>Replacement</b> | <b>Total</b> |
|------------------------|------------------|-------------------|--------------------|--------------|
| Recycled               | 100%             |                   |                    | 100%         |
| <b>TOTAL:</b>          | 100%             |                   |                    | 100%         |

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

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$624               | \$1,750     | \$2,121     | \$5         |             |             |             | \$4,500      |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2077**

**PROJECT SCHEDULE:**

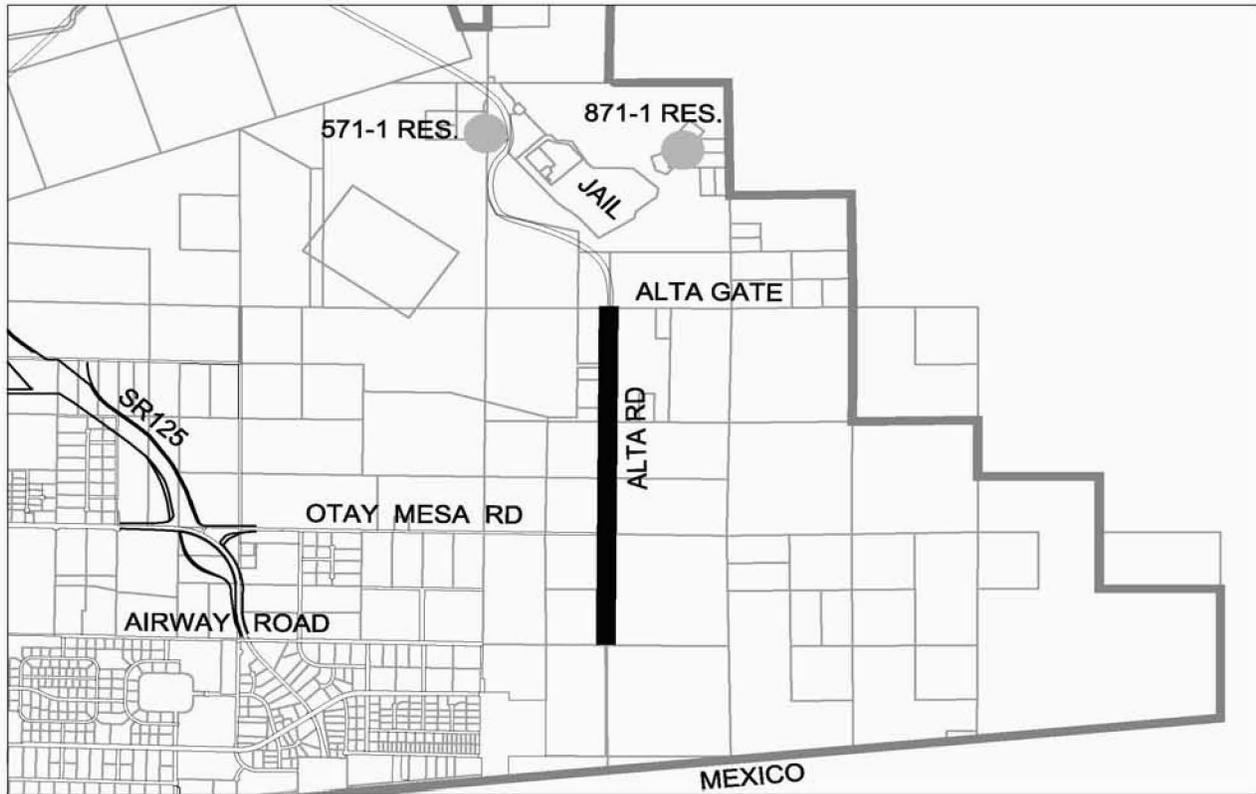
| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/01                            | 12/09                             | \$164                                  |
| <b>DESIGN:</b>        | 01/10                            | 06/11                             | \$451                                  |
| <b>CONSTRUCTION:</b>  | 07/11                            | 06/13                             | \$3,885                                |

**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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             |             |             | \$3,200     | \$3,300     | \$3,400     | \$9,900      |

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

**OWD Map Book: 39**



**Submitted By:** Bob Kennedy

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2087**

**PROJECT TITLE:** RecPL - 24-Inch, 927 Zone, Wueste Road - Olympic/Otay WTP

|                                |                            |                           |             |
|--------------------------------|----------------------------|---------------------------|-------------|
| <b>PROJECT MANAGER:</b>        | Kennedy                    | <b>DIRECTOR DIVISION:</b> | 2           |
| <b>ORIGINAL APPROVED DATE:</b> | 5/23/2006                  | <b>I.D. LOCATION:</b>     | 22          |
| <b>RELATED CIP PROJECTS:</b>   | R2048, R2058, R2077, R2088 | <b>PRIORITY:</b>          | 1           |
|                                |                            | <b>BUDGET AMOUNT:</b>     | \$7,000,000 |

**DESCRIPTION OF PROJECT:**

Construction of approximately 15,100 feet of 24-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:**

Funding opportunity is the United States Bureau of Reclamation Water Reclamation and Reuse Program, Title XVI of P.L. 102-575.

**FUND DETAIL:**

| <b>FUNDING SOURCE:</b> | <b>Expansion</b> | <b>Betterment</b> | <b>Replacement</b> | <b>Total</b> |
|------------------------|------------------|-------------------|--------------------|--------------|
| Recycled               | 100%             |                   |                    | 100%         |
| <b>TOTAL:</b>          | 100%             |                   |                    | 100%         |

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

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$617               | \$3,378     | \$3,000     | \$5         |             |             |             | \$7,000      |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2087**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 09/06                            | 12/09                             | \$180                                  |
| <b>DESIGN:</b>        | 01/10                            | 06/11                             | \$495                                  |
| <b>CONSTRUCTION:</b>  | 07/11                            | 06/13                             | \$6,325                                |

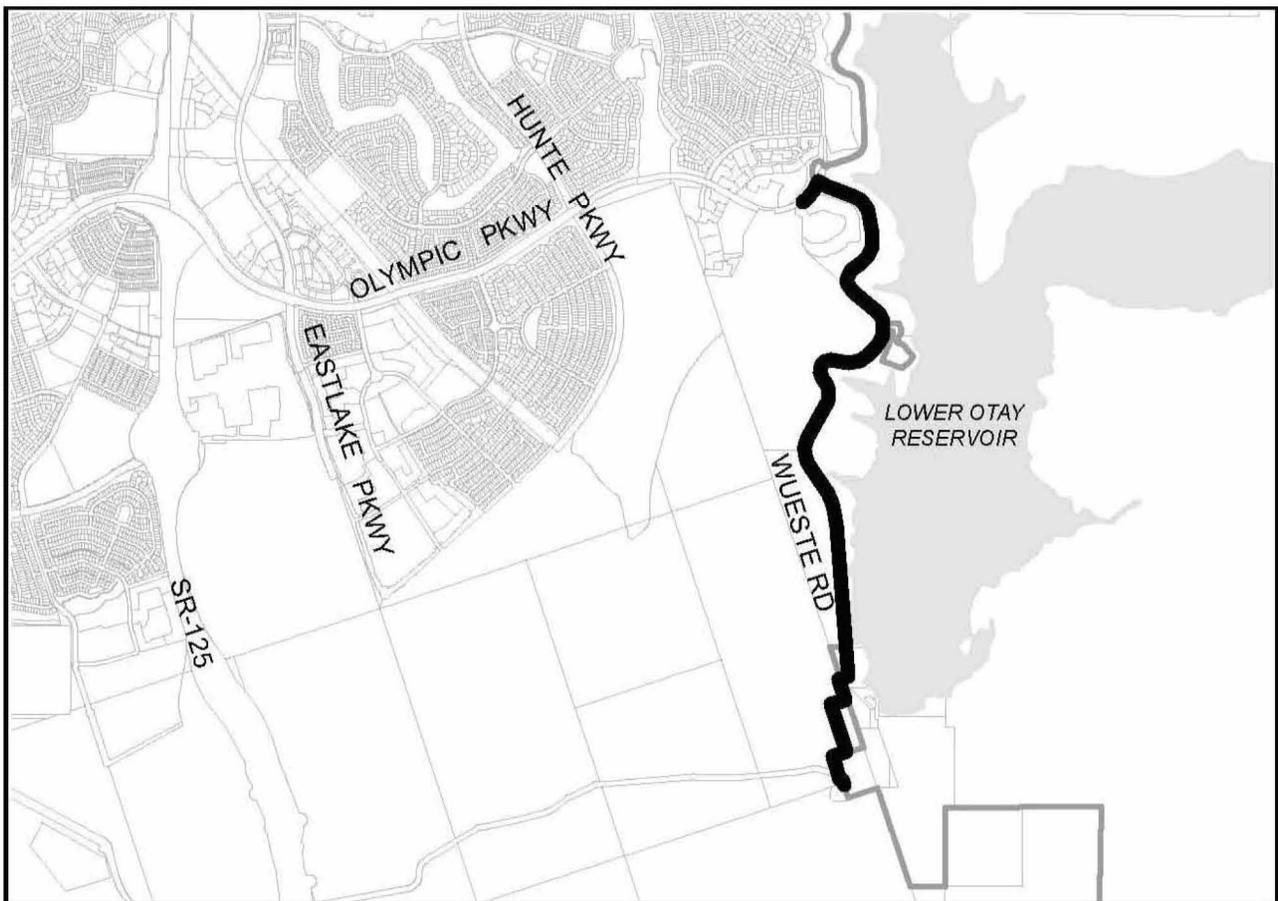
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>TOTAL</b> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             |             |             | \$5,100     | \$5,300     | \$5,500     | \$15,900     |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1312**

**OWD Map Book: 85**



**Submitted By:** Bob Kennedy

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2088**

**PROJECT TITLE:** RecPL - 30-Inch, 860 Zone, County Jail - Roll Reservoir/860-1 Reservoir

|   |                                   |
|---|-----------------------------------|
| <b>PROJECT MANAGER:</b> Kennedy                         | <b>DIRECTOR DIVISION:</b> 2       |
| <b>ORIGINAL APPROVED DATE:</b> 5/23/2006                | <b>I.D. LOCATION:</b> 7           |
| <b>RELATED CIP PROJECTS:</b> R2034, R2058, R2077, R2087 | <b>PRIORITY:</b> 1                |
|   | <b>BUDGET AMOUNT:</b> \$3,500,000 |

**DESCRIPTION OF PROJECT:**

Construction of two 20-inch pipelines 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:**

Funding opportunity is the United States Bureau of Reclamation Water Reclamation and Reuse Program, Title XVI of P.L. 102-575.

**FUND DETAIL:**

| <b>FUNDING SOURCE:</b> | <b>Expansion</b> | <b>Betterment</b> | <b>Replacement</b> | <b>Total</b> |
|------------------------|------------------|-------------------|--------------------|--------------|
| Recycled               | 100%             |                   |                    | 100%         |
| <b>TOTAL:</b>          | 100%             |                   |                    | 100%         |

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

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$60                | \$240       | \$1,200     | \$2,000     |             |             |             | \$3,500      |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2088**

**PROJECT SCHEDULE:**

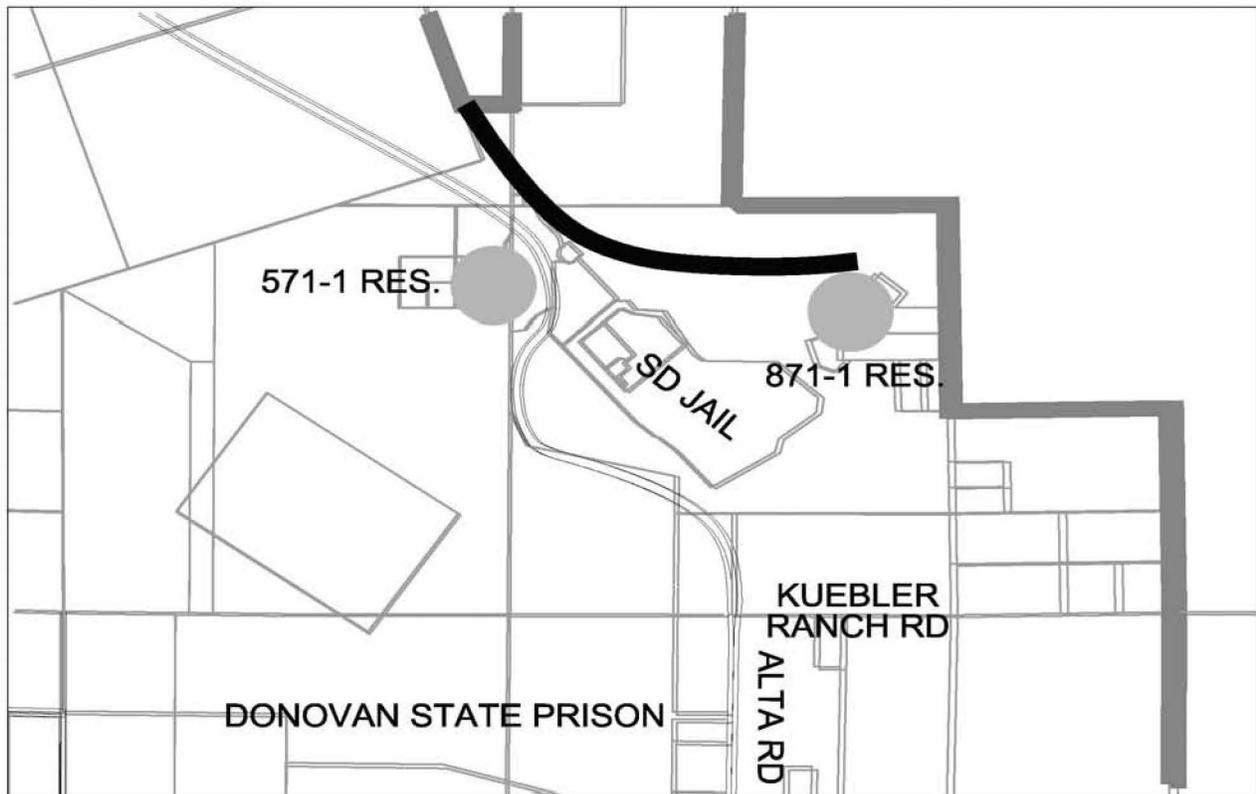
| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 09/06                            | 06/12                             | \$140                                  |
| <b>DESIGN:</b>        | 07/12                            | 03/13                             | \$385                                  |
| <b>CONSTRUCTION:</b>  | 04/13                            | 06/13                             | \$2,975                                |

**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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             |             |             | \$2,400     | \$2,500     | \$2,600     | \$7,500      |

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

**OWD Map Book: 55**



**Submitted By:** Bob Kennedy

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2091**

**PROJECT TITLE: RecPS - 927-1 Pump Station Upgrade (10,000 GPM) and System Enhancements**

|  |                                   |
|--|-----------------------------------|
| <b>PROJECT MANAGER:</b> Ripperger        | <b>DIRECTOR DIVISION:</b> 1       |
| <b>ORIGINAL APPROVED DATE:</b> 5/29/2007 | <b>I.D. LOCATION:</b> 22          |
| <b>RELATED CIP PROJECTS:</b>             | <b>PRIORITY:</b> 1                |
|  | <b>BUDGET AMOUNT:</b> \$3,950,000 |

**DESCRIPTION OF PROJECT:**

This project consists of increasing the capacity of the existing station from 6,600 gallons per minute (gpm) to 10,000 gpm, installing four pressure reducing station in the 927 Pressure Zone, replacing service saddles in a few streets, replacing 1,800 feet of 16-inch pipeline in EastLake Parkway, and replacing 1,200 of 16-inch pipeline in Hunte Parkway.

**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. As a result the existing pumps within the station are undersized and some of the existing recycled water system pipelines will experience operating pressures above their rated pipeline pressure class. The project is planned to be accomplished in two phases.

**COMMENTS:**

**FUND DETAIL:**

| FUNDING SOURCE: | Expansion | Betterment | Replacement | Total |
|-----------------|-----------|------------|-------------|-------|
| Recycled        | 100%      |            |             | 100%  |
| <b>TOTAL:</b>   | 100%      |            |             | 100%  |

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

| PRIOR YEARS: | FY      | FY    | FY    | FY   | FY   | FY      |         |
|--------------|---------|-------|-------|------|------|---------|---------|
| TOTAL        | 2011    | 2012  | 2013  | 2014 | 2015 | 2016    | TOTAL   |
| \$200        | \$1,250 | \$500 | \$450 |      |      | \$1,550 | \$3,950 |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2091**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/07                            | 04/08                             | \$60                                   |
| <b>DESIGN:</b>        | 05/08                            | 12/08                             | \$120                                  |
| <b>CONSTRUCTION:</b>  | 01/09                            | 06/16                             | \$3,770                                |

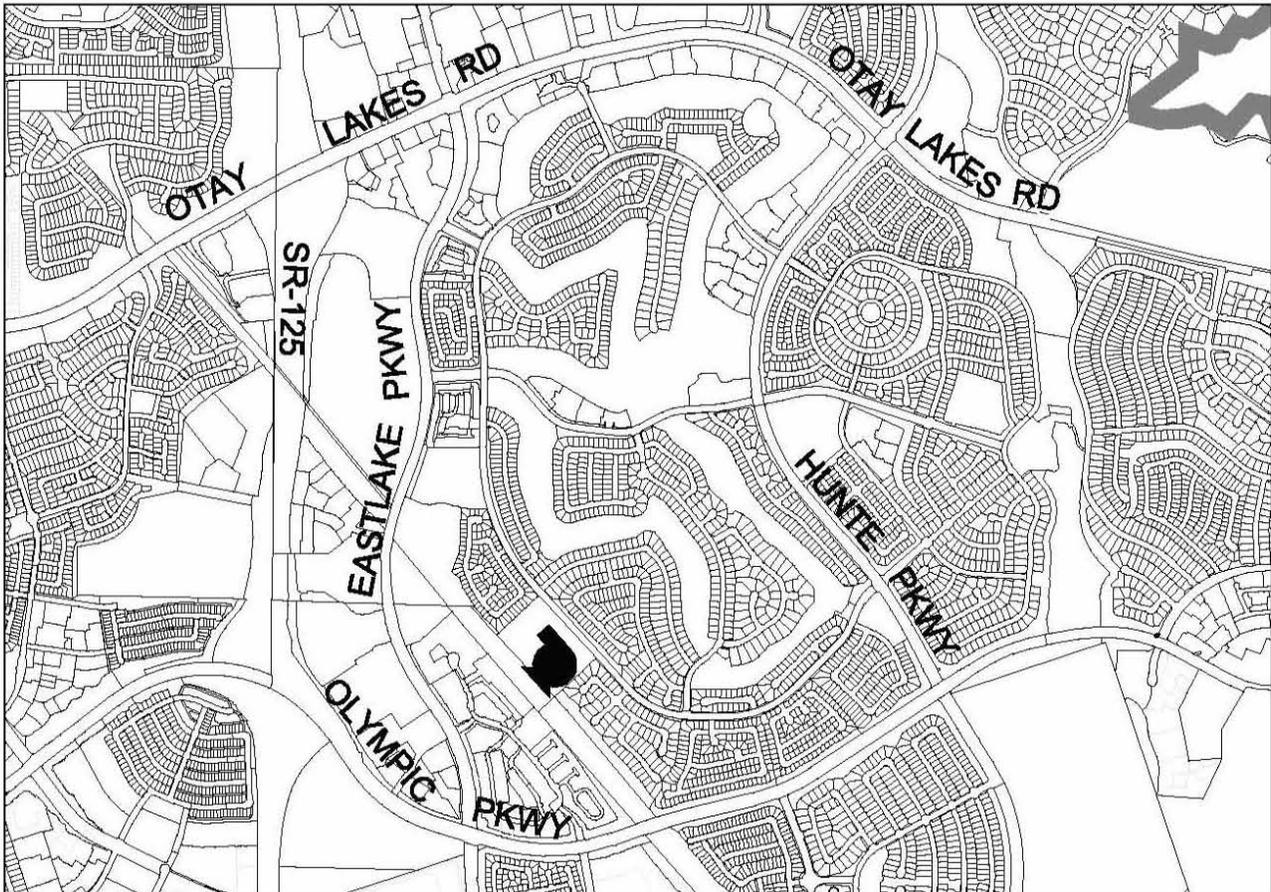
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>TOTAL</b> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             |             |             |             |             |             | \$0.00       |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1311**

**OWD Map Book: 115**



**Submitted By: Ron Ripperger**

**Date: 02/24/2010**

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2092**

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

|                                |           |                           |           |
|--------------------------------|-----------|---------------------------|-----------|
| <b>PROJECT MANAGER:</b>        | Ripperger | <b>DIRECTOR DIVISION:</b> | 1         |
| <b>ORIGINAL APPROVED DATE:</b> | 5/29/2007 | <b>I.D. LOCATION:</b>     | 10        |
| <b>RELATED CIP PROJECTS:</b>   |           | <b>PRIORITY:</b>          | 1         |
|                                |           | <b>BUDGET AMOUNT:</b>     | \$742,000 |

**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> |
|------------------------|------------------|-------------------|--------------------|--------------|
| Recycled               | 100%             |                   |                    | 100%         |
| <b>TOTAL:</b>          | 100%             |                   |                    | 100%         |

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

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$740               | \$2         |             |             |             |             |             | \$742        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2092**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/07                            | 10/07                             | \$57                                   |
| <b>DESIGN:</b>        | 11/07                            | 03/08                             | \$105                                  |
| <b>CONSTRUCTION:</b>  | 04/08                            | 12/10                             | \$580                                  |

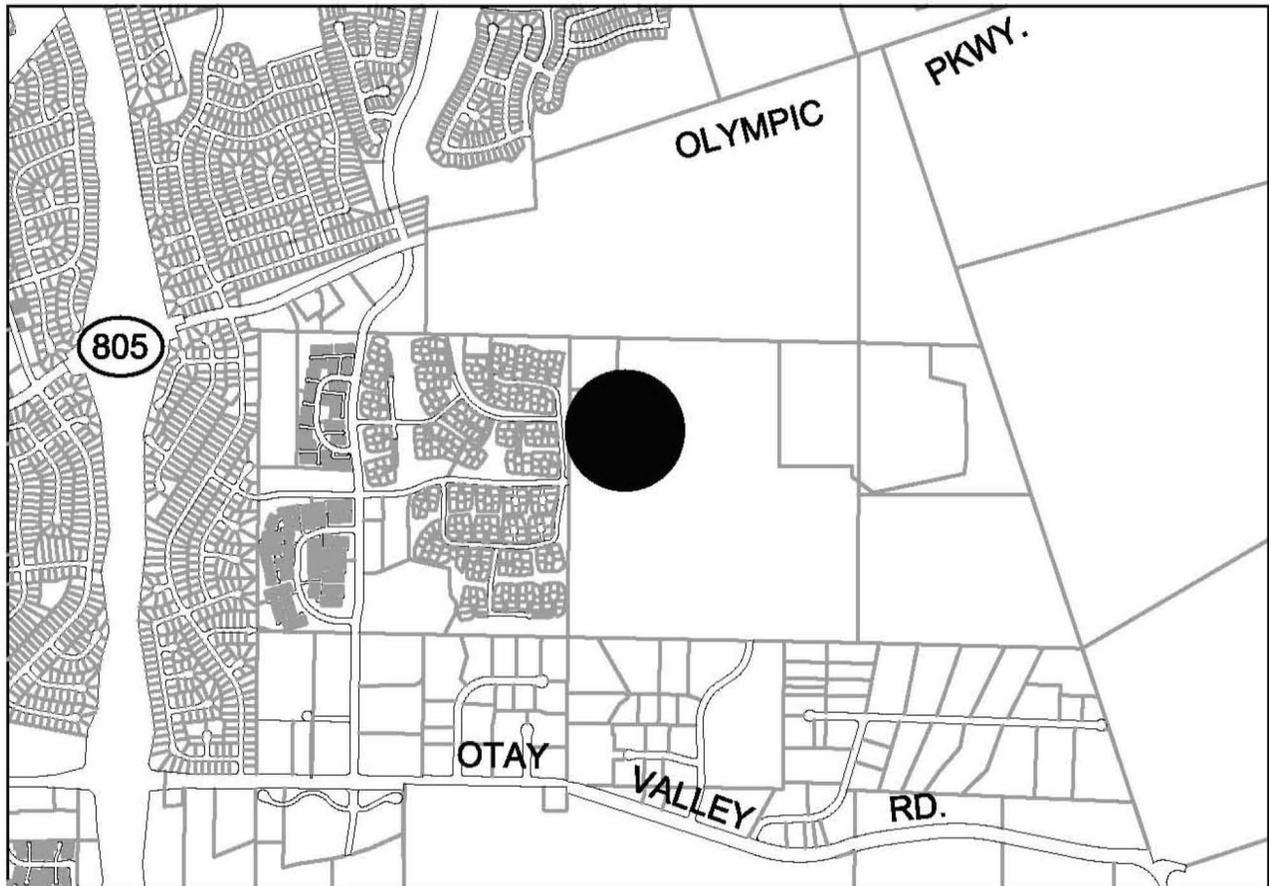
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>TOTAL</b> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
| \$11,250    | \$22,500    | \$23,200    | \$23,900    | \$24,600    | \$25,300    | \$130,750    |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1330**

**OWD Map Book: 66**



**Submitted By:** Ron Ripperger

**Date:** 02/24/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2093**

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

|   |   |
|---|---|
| <b>PROJECT MANAGER:</b> Peasley           | <b>DIRECTOR DIVISION:</b> District Wide |
| <b>ORIGINAL APPROVED DATE:</b> 6/23/2008  | <b>I.D. LOCATION:</b> District Wide     |
| <b>RELATED CIP PROJECTS:</b> P2498, R2097 | <b>PRIORITY:</b> 1                      |
|   | <b>BUDGET AMOUNT:</b> \$210,000         |

**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:**

Funding opportunity is the South San Diego County Water Supply Strategy. Recycled at 40% expansion and betterment funds from ID 22 at 60%.

**FUND DETAIL:**

| <b>FUNDING SOURCE:</b> | <b>Expansion</b> | <b>Betterment</b> | <b>Replacement</b> | <b>Total</b> |
|------------------------|------------------|-------------------|--------------------|--------------|
| Recycled               | 40%              |                   |                    | 40%          |
| I.D. 22                |                  | 60%               |                    | 60%          |
| <b>TOTAL:</b>          | 40%              | 60%               |                    | 100%         |

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

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$90                | \$120       |             |             |             |             |             | \$210        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2093**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/08                            | 06/11                             | \$210                                  |
| <b>DESIGN:</b>        |                                  |                                   |  |
| <b>CONSTRUCTION:</b>  |                                  |                                   |  |

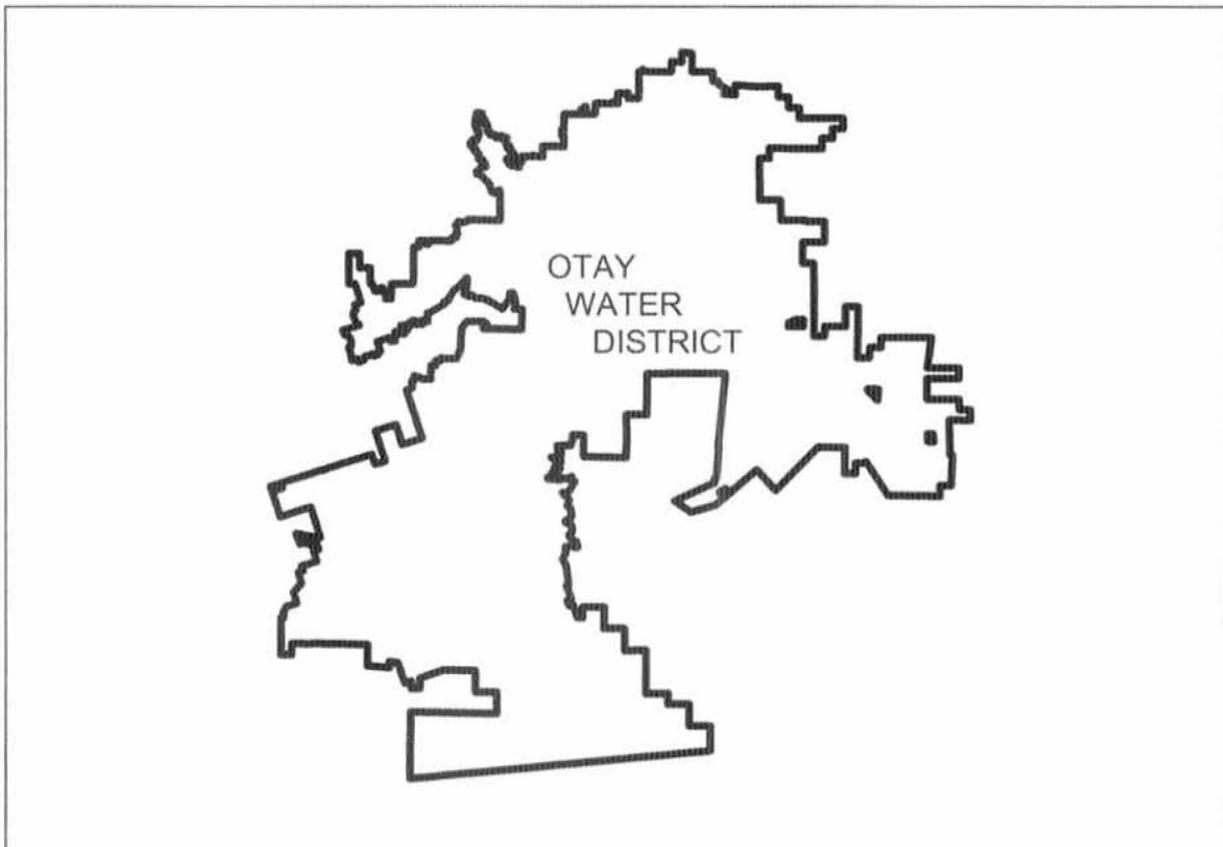
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   |              |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|             |             |             |             |             |             | \$0.00       |

**PROJECT LOCATION:**

**Thomas Bros. Map:**

**OWD Map Book:**



**Submitted By:** James Peasley

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2094**

**PROJECT TITLE: Potable Irrigation Meters to Recycled Water Conversions**

|  |                                   |
|--|-----------------------------------|
| <b>PROJECT MANAGER:</b> Charles          | <b>DIRECTOR DIVISION:</b> 1       |
| <b>ORIGINAL APPROVED DATE:</b> 5/21/2009 | <b>I.D. LOCATION:</b> 22          |
| <b>RELATED CIP PROJECTS:</b>             | <b>PRIORITY:</b> 1                |
|  | <b>BUDGET AMOUNT:</b> \$3,100,000 |

**DESCRIPTION OF PROJECT:**

This project is to fund the conversion of existing potable water irrigation systems to use recycled water within existing multifamily and commercial type developments located adjacent to existing recycled water mains within the City of Chula Vista.

**JUSTIFICATION OF PROJECT:**

The expansion of recycled water development allows for potable water savings and increases the purchases of supply from the SBWRP.

**COMMENTS:**

Recycled at 40% expansion and betterment funds from ID 22 at 60%.

**FUND DETAIL:**

| FUNDING SOURCE: | Expansion | Betterment | Replacement | Total |
|-----------------|-----------|------------|-------------|-------|
| Recycled        | 40%       |            |             | 40%   |
| I.D. 22         |           | 60%        |             | 60%   |
| <b>TOTAL:</b>   | 40%       | 60%        |             | 100%  |

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

| PRIOR YEARS: | FY    | FY    | FY    | FY   | FY   | FY   |         |
|--------------|-------|-------|-------|------|------|------|---------|
| TOTAL        | 2011  | 2012  | 2013  | 2014 | 2015 | 2016 | TOTAL   |
| \$1,250      | \$500 | \$500 | \$850 |      |      |      | \$3,100 |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2094**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/09                            | 12/09                             | \$80                                   |
| <b>DESIGN:</b>        | 01/10                            | 06/11                             | \$450                                  |
| <b>CONSTRUCTION:</b>  | 07/11                            | 06/13                             | \$2,570                                |

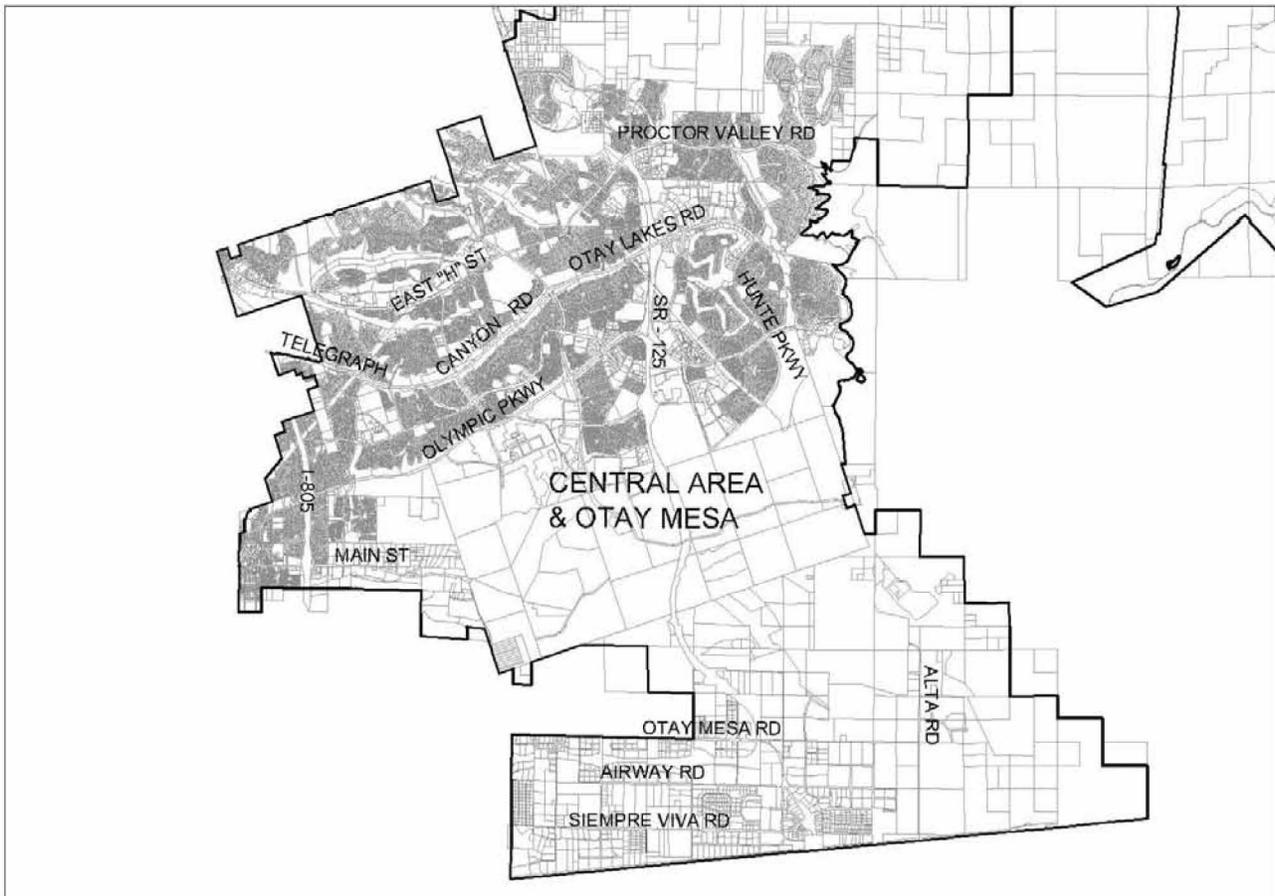
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>TOTAL</b>  |
|-------------|-------------|-------------|-------------|-------------|-------------|---------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>\$0.00</b> |

**PROJECT LOCATION:**

**Thomas Bros. Map:**

**OWD Map Book:**



**Submitted By:** David Charles

**Date:** 02/25/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2366**

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

|                                |           |                           |               |
|--------------------------------|-----------|---------------------------|---------------|
| <b>PROJECT MANAGER:</b>        | Rahders   | <b>DIRECTOR DIVISION:</b> | District Wide |
| <b>ORIGINAL APPROVED DATE:</b> | 12/6/2000 | <b>I.D. LOCATION:</b>     | District Wide |
| <b>RELATED CIP PROJECTS:</b>   |           | <b>PRIORITY:</b>          | 1             |
|                                |           | <b>BUDGET AMOUNT:</b>     | \$3,213,000   |

**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 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:**

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$1,751             | \$442       | \$220       | \$200       | \$200       | \$200       | \$200       | \$3,213      |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2366**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 12/00                            | 06/01                             | \$113                                  |
| <b>DESIGN:</b>        | 07/01                            | 06/10                             | \$312                                  |
| <b>CONSTRUCTION:</b>  | 07/05                            | 06/16                             | \$2,788                                |

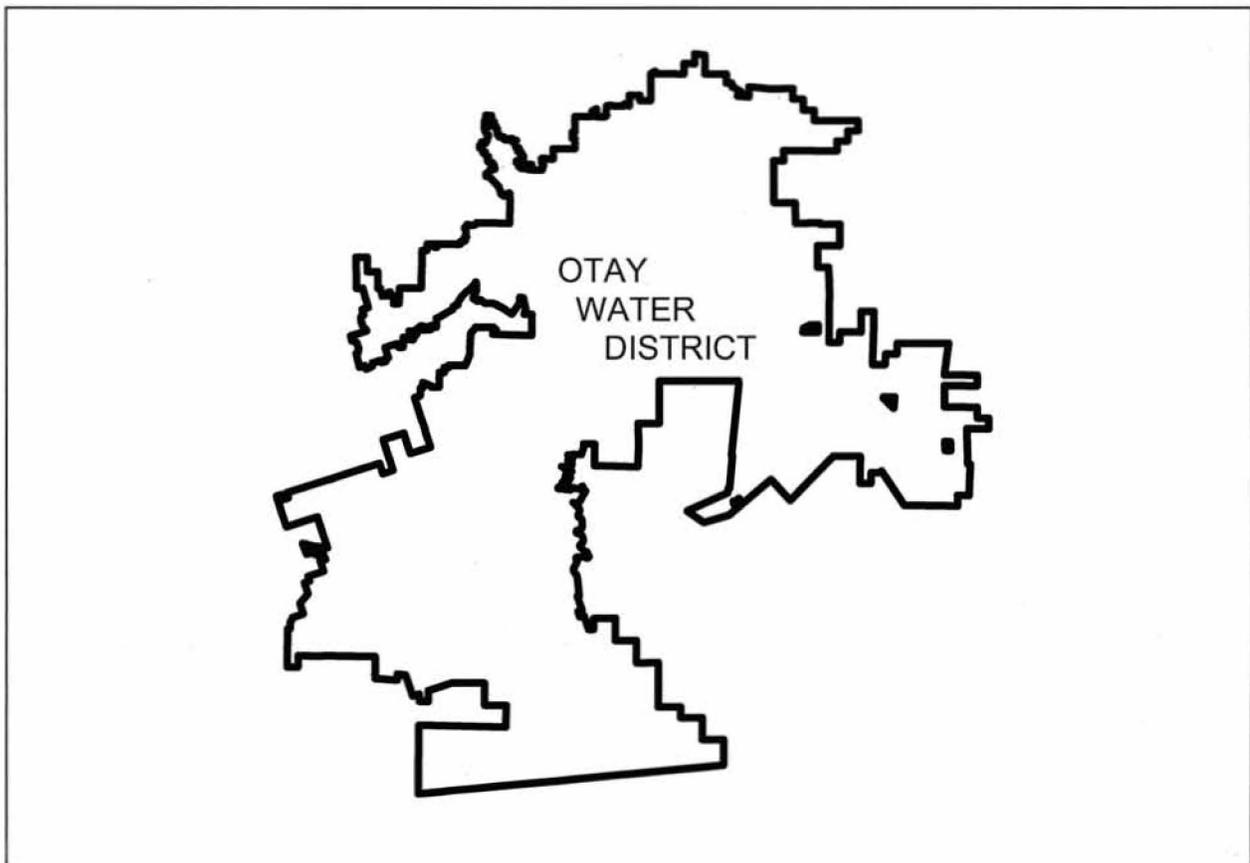
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>TOTAL</b> |
|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | \$0.00       |

**PROJECT LOCATION:**

**Thomas Bros. Map:**

**OWD Map Book:**



**Submitted By:** Doug Rahders

**Date:** 02/26/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2382**

**PROJECT TITLE:** Safety and Security Improvements

|   |   |
|---|---|
| <b>PROJECT MANAGER:</b> Munoz           | <b>DIRECTOR DIVISION:</b> District Wide |
| <b>ORIGINAL APPROVED DATE:</b> 6/5/2002 | <b>I.D. LOCATION:</b> District Wide     |
| <b>RELATED CIP PROJECTS:</b>            | <b>PRIORITY:</b> 1                      |
|   | <b>BUDGET AMOUNT:</b> \$1,635,000       |

**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. The current HIRSCH system needs to be updated and integrated into the FOB and SCADA systems.

**COMMENTS:**

General Fund at 40% expansion and 60% replacement.

**FUND DETAIL:**

| FUNDING SOURCE: | Expansion | Betterment | Replacement | Total |
|-----------------|-----------|------------|-------------|-------|
| General Fund    | 40%       |            | 60%         | 100%  |
| <b>TOTAL:</b>   | 40%       |            | 60%         | 100%  |

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

| PRIOR YEARS: | FY    | FY    | FY    | FY   | FY   | FY   |         |
|--------------|-------|-------|-------|------|------|------|---------|
| TOTAL        | 2011  | 2012  | 2013  | 2014 | 2015 | 2016 | TOTAL   |
| \$1,314      | \$102 | \$102 | \$102 | \$5  | \$5  | \$5  | \$1,635 |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2382**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/02                            | 08/03                             | \$62                                   |
| <b>DESIGN:</b>        | 09/03                            | 06/10                             | \$169                                  |
| <b>CONSTRUCTION:</b>  | 08/04                            | 06/16                             | \$1,404                                |

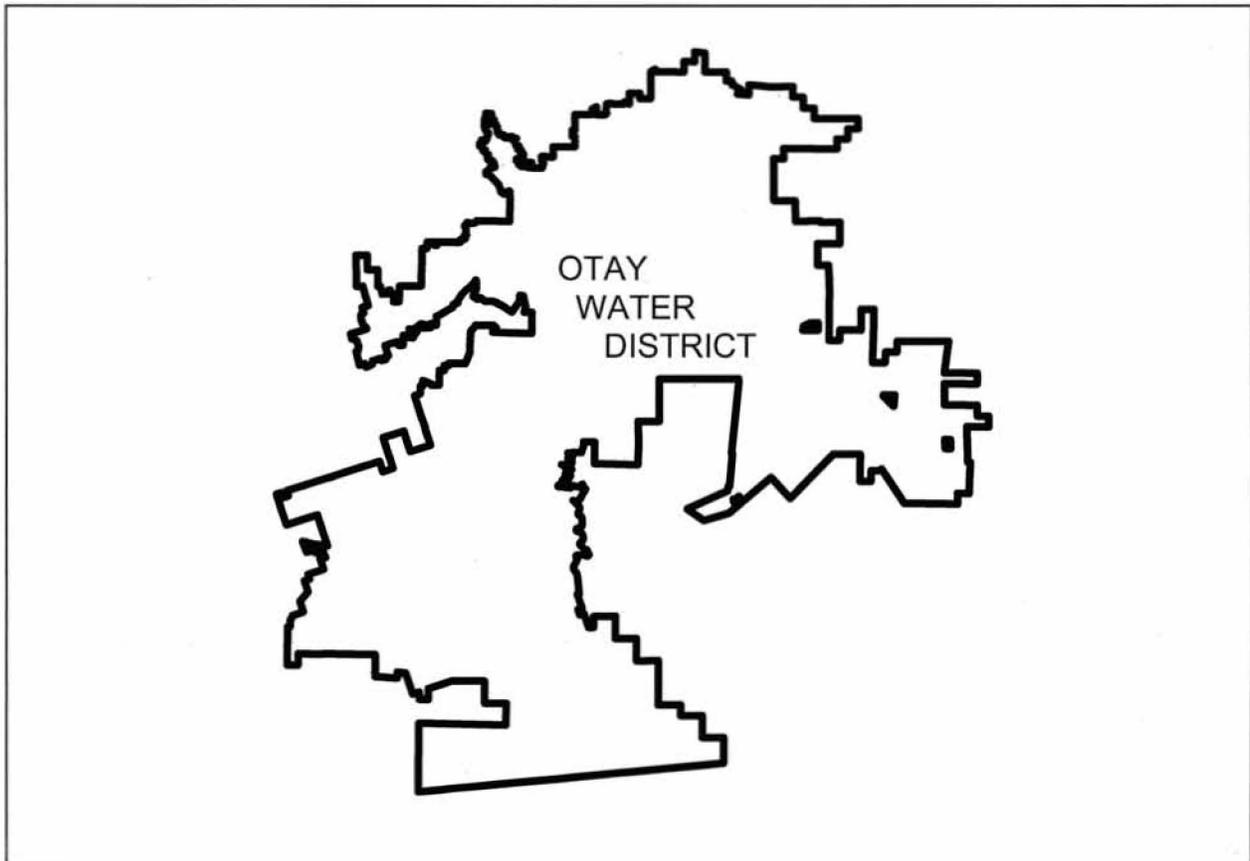
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   |              |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|             |             |             |             |             |             | \$0.00       |

**PROJECT LOCATION:**

**Thomas Bros. Map:**

**OWD Map Book:**



**Submitted By:** Jerry Munoz

**Date:** 02/18/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2416**

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

|   |   |
|---|---|
| <b>PROJECT MANAGER:</b> Kennedy         | <b>DIRECTOR DIVISION:</b> District Wide |
| <b>ORIGINAL APPROVED DATE:</b> 6/4/2003 | <b>I.D. LOCATION:</b> District Wide     |
| <b>RELATED CIP PROJECTS:</b>            | <b>PRIORITY:</b> 1                      |
|   | <b>BUDGET AMOUNT:</b> \$963,000         |

**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.

**FUND DETAIL:**

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

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

| PRIOR YEARS: | FY   | FY   | FY   | FY   | FY   | FY   |       |
|--------------|------|------|------|------|------|------|-------|
| TOTAL        | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | TOTAL |
| \$913        | \$50 |      |      |      |      |      | \$963 |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2416**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 10/02                            | 12/03                             | \$36                                   |
| <b>DESIGN:</b>        | 01/04                            | 12/05                             | \$99                                   |
| <b>CONSTRUCTION:</b>  | 10/04                            | 06/11                             | \$828                                  |

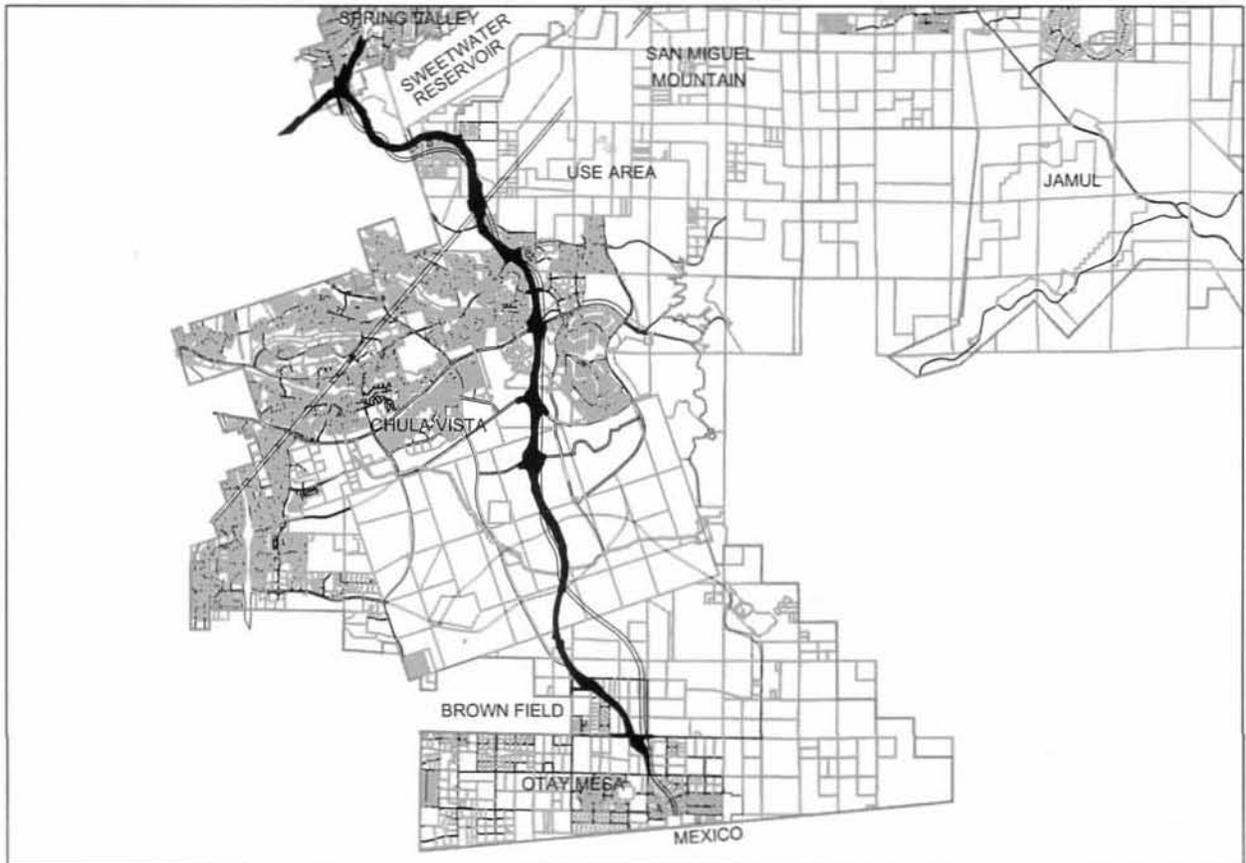
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>TOTAL</b> |
|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | \$0.00       |

**PROJECT LOCATION:**

**Thomas Bros. Map:**

**OWD Map Book:**



**Submitted By:** Bob Kennedy

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2440**

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

|   |                                   |
|---|-----------------------------------|
| <b>PROJECT MANAGER:</b> Ripperger       | <b>DIRECTOR DIVISION:</b> 2       |
| <b>ORIGINAL APPROVED DATE:</b> 6/2/2004 | <b>I.D. LOCATION:</b> 7           |
| <b>RELATED CIP PROJECTS:</b>            | <b>PRIORITY:</b> 1                |
|   | <b>BUDGET AMOUNT:</b> \$1,600,000 |

**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 is constructing I-905, which has resulted 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.

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$1,500             | \$100       |             |             |             |             |             | \$1,600      |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2440**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 01/03                            | 09/06                             | \$121                                  |
| <b>DESIGN:</b>        | 10/03                            | 09/06                             | \$332                                  |
| <b>CONSTRUCTION:</b>  | 10/06                            | 06/11                             | \$1,147                                |

**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> |
|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | \$0.00       |

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

**OWD Map Book: 10**



**Submitted By:** Ron Ripperger

**Date:** 02/24/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2453**

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

|  |                                 |
|--|---------------------------------|
| <b>PROJECT MANAGER:</b> Kay              | <b>DIRECTOR DIVISION:</b> 2     |
| <b>ORIGINAL APPROVED DATE:</b> 5/23/2006 | <b>I.D. LOCATION:</b> 7         |
| <b>RELATED CIP PROJECTS:</b>             | <b>PRIORITY:</b> 1              |
|  | <b>BUDGET AMOUNT:</b> \$155,000 |

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$5                 | \$50        | \$50        | \$50        |             |             |             | \$155        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2453**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/06                            | 06/10                             | \$20                                   |
| <b>DESIGN:</b>        | 07/09                            | 10/10                             | \$55                                   |
| <b>CONSTRUCTION:</b>  | 11/10                            | 06/13                             | \$80                                   |

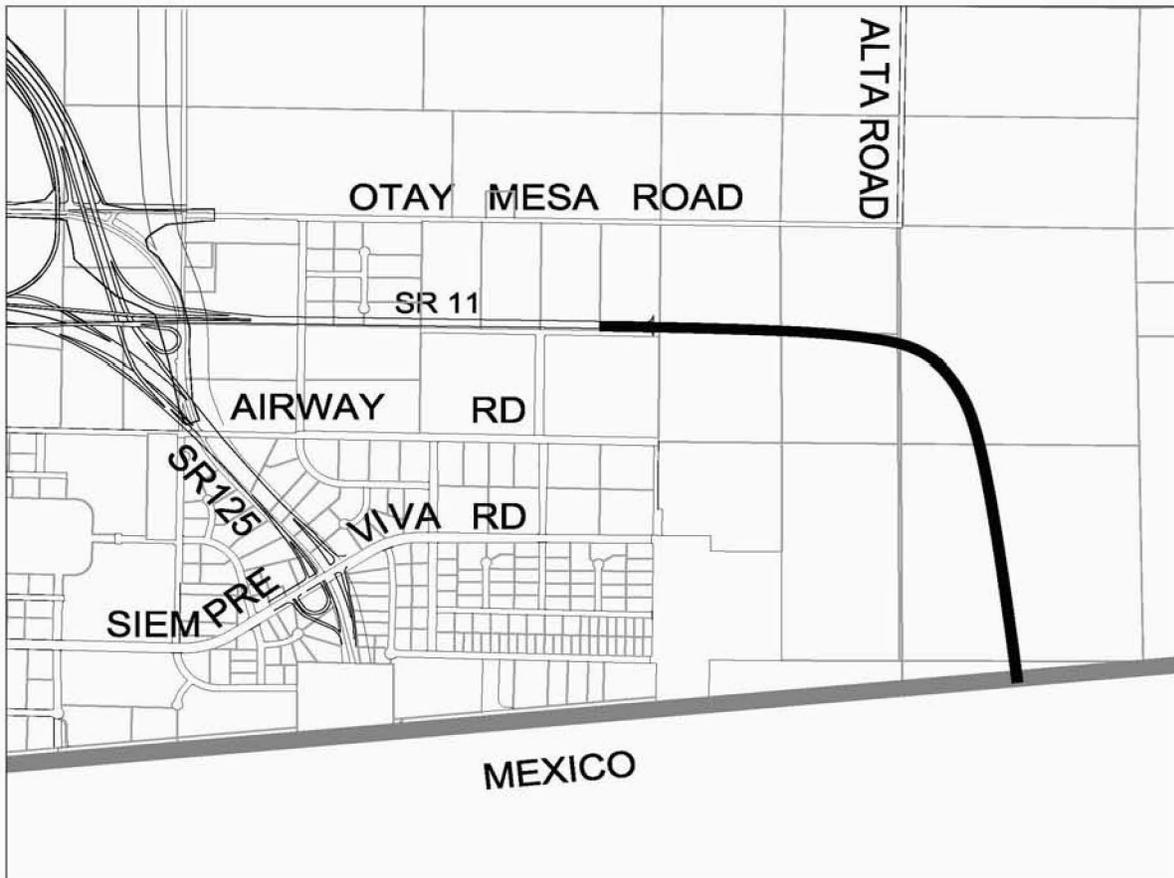
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>TOTAL</b> |
|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | \$0.00       |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1351**

**OWD Map Book: 5**



**Submitted By:** Daniel Kay

**Date:** 02/02/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2456**

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

|  |   |
|--|---|
| <b>PROJECT MANAGER:</b> Acuna            | <b>DIRECTOR DIVISION:</b> District Wide |
| <b>ORIGINAL APPROVED DATE:</b> 5/23/2006 | <b>I.D. LOCATION:</b> District Wide     |
| <b>RELATED CIP PROJECTS:</b>             | <b>PRIORITY:</b> 1                      |
|  | <b>BUDGET AMOUNT:</b> \$2,722,000       |

**DESCRIPTION OF PROJECT:**

This project is to provide funding for the upgrading of approximately 750 existing air and vacuum valves that are 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. General Fund at 74% replacement, ID 1 at 14% betterment, and ID 20 at 12% betterment.

**FUND DETAIL:**

| <b>FUNDING SOURCE:</b> | <b>Expansion</b> | <b>Betterment</b> | <b>Replacement</b> | <b>Total</b> |
|------------------------|------------------|-------------------|--------------------|--------------|
| General Fund           |                  |                   | 74%                | 74%          |
| I.D. 1                 |                  | 14%               |                    | 14%          |
| I.D. 20                |                  | 12%               |                    | 12%          |
| <b>TOTAL:</b>          |                  | 26%               | 74%                | 100%         |

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

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$1,822             | \$450       | \$450       |             |             |             |             | \$2,722      |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2456**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      |                                  |                                   |  |
| <b>DESIGN:</b>        |                                  |                                   |  |
| <b>CONSTRUCTION:</b>  | 07/06                            | 06/12                             | \$2,722                                |

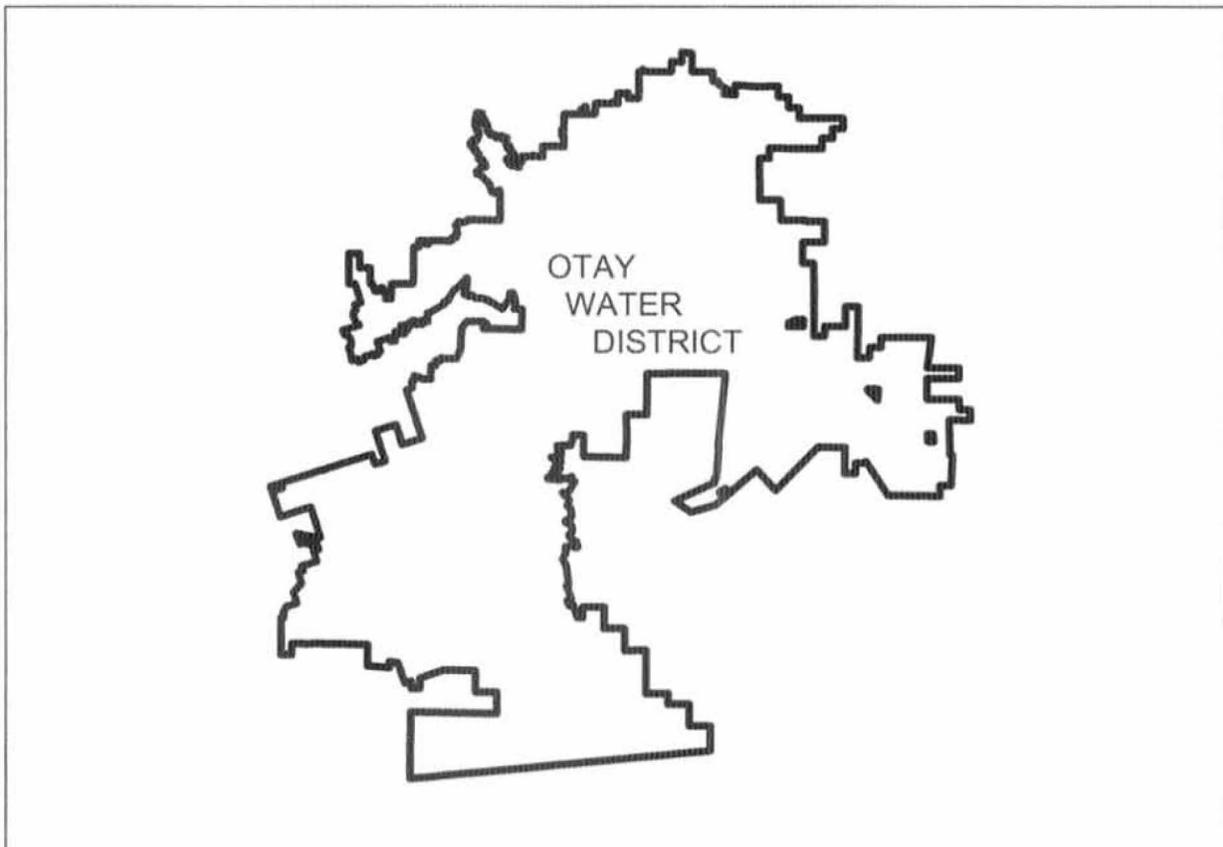
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   |              |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|             |             |             |             |             |             | \$0.00       |

**PROJECT LOCATION:**

**Thomas Bros. Map:**

**OWD Map Book:**



**Submitted By:** Rick Acuna

**Date:** 02/18/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2458**

**PROJECT TITLE: AMR Manual Meter Replacement**

|  |   |
|--|---|
| <b>PROJECT MANAGER:</b> Keeran           | <b>DIRECTOR DIVISION:</b> District Wide |
| <b>ORIGINAL APPROVED DATE:</b> 5/23/2006 | <b>I.D. LOCATION:</b> District Wide     |
| <b>RELATED CIP PROJECTS:</b>             | <b>PRIORITY:</b> 1                      |
|  | <b>BUDGET AMOUNT:</b> \$10,448,000      |

**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. The goal is to complete twelve routes or approximately 5,760 existing meters per year.

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$3,948             | \$1,500     | \$1,650     | \$1,700     | \$1,650     |             |             | \$10,448     |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2458**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      |                                  |                                   |  |
| <b>DESIGN:</b>        |                                  |                                   |  |
| <b>CONSTRUCTION:</b>  | 07/06                            | 06/14                             | \$10,448                               |

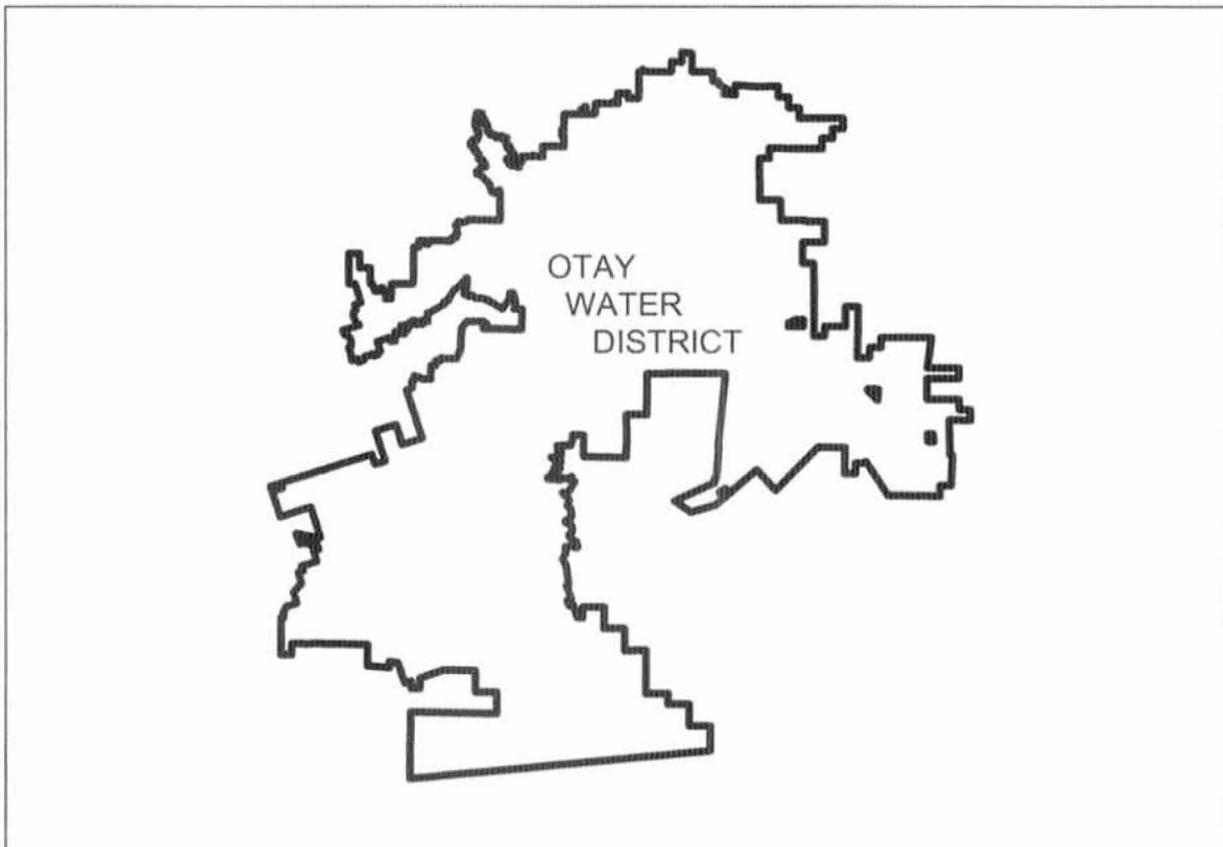
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>TOTAL</b> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             |             |             |             | \$-226,400  | \$-233,200  | \$-459,600   |

**PROJECT LOCATION:**

**Thomas Bros. Map:**

**OWD Map Book:**



**Submitted By:** Tim Keeran

**Date:** 02/18/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2477**

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

|                                |           |                           |           |
|--------------------------------|-----------|---------------------------|-----------|
| <b>PROJECT MANAGER:</b>        | Kennedy   | <b>DIRECTOR DIVISION:</b> | 1         |
| <b>ORIGINAL APPROVED DATE:</b> | 6/23/2008 | <b>I.D. LOCATION:</b>     | 22        |
| <b>RELATED CIP PROJECTS:</b>   |           | <b>PRIORITY:</b>          | 2         |
|                                |           | <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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$27                | \$5         | \$5         | \$5         | \$5         | \$400       | \$3         | \$450        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2477**

**PROJECT SCHEDULE:**

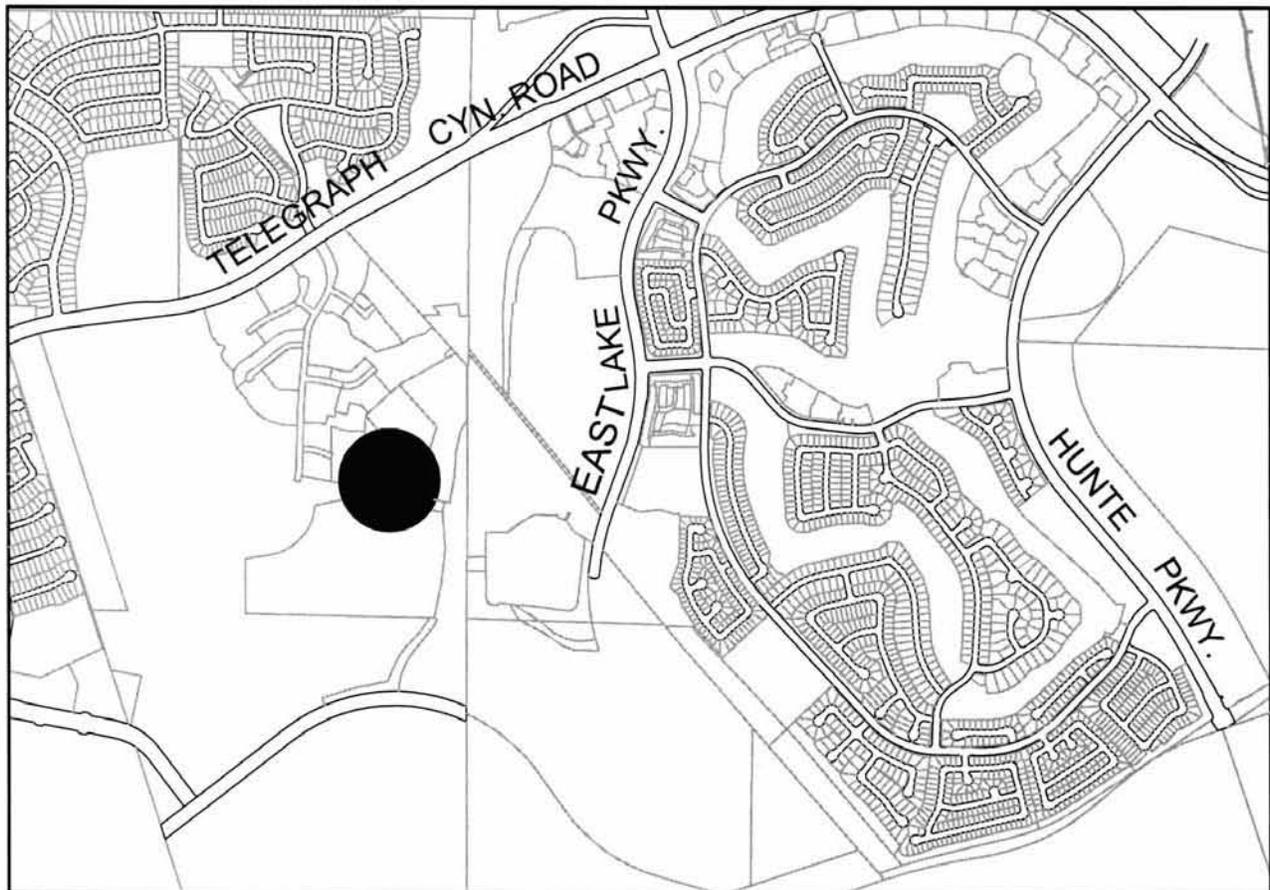
| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/08                            | 06/09                             | \$8                                    |
| <b>DESIGN:</b>        | 07/09                            | 12/09                             | \$20                                   |
| <b>CONSTRUCTION:</b>  | 01/10                            | 06/16                             | \$422                                  |

**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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             |             |             |             |             |             | \$0.00       |

**PROJECT LOCATION:** Thomas Bros. Map: 1311

**OWD Map Book: 114**



**Submitted By:** Bob Kennedy

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2484**

**PROJECT TITLE:** Large Water Meter Replacement Program

|  |   |
|--|---|
| <b>PROJECT MANAGER:</b> Keeran           | <b>DIRECTOR DIVISION:</b> District Wide |
| <b>ORIGINAL APPROVED DATE:</b> 5/21/2009 | <b>I.D. LOCATION:</b> District Wide     |
| <b>RELATED CIP PROJECTS:</b>             | <b>PRIORITY:</b> 1                      |
|  | <b>BUDGET AMOUNT:</b> \$535,000         |

**DESCRIPTION OF PROJECT:**

This project is for testing and any necessary replacement of water meters larger than 2-inch that do not meet the AWWA standards. There are a total of about 220 meters.

**JUSTIFICATION OF PROJECT:**

To be assured that all of the larger meters are registering accurately and the billing system is collecting the proper funds for water consumed.

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$135               | \$100       | \$100       | \$100       | \$100       |             |             | \$535        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2484**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      |                                  |                                   |  |
| <b>DESIGN:</b>        |                                  |                                   |  |
| <b>CONSTRUCTION:</b>  | 07/09                            | 06/14                             | \$535                                  |

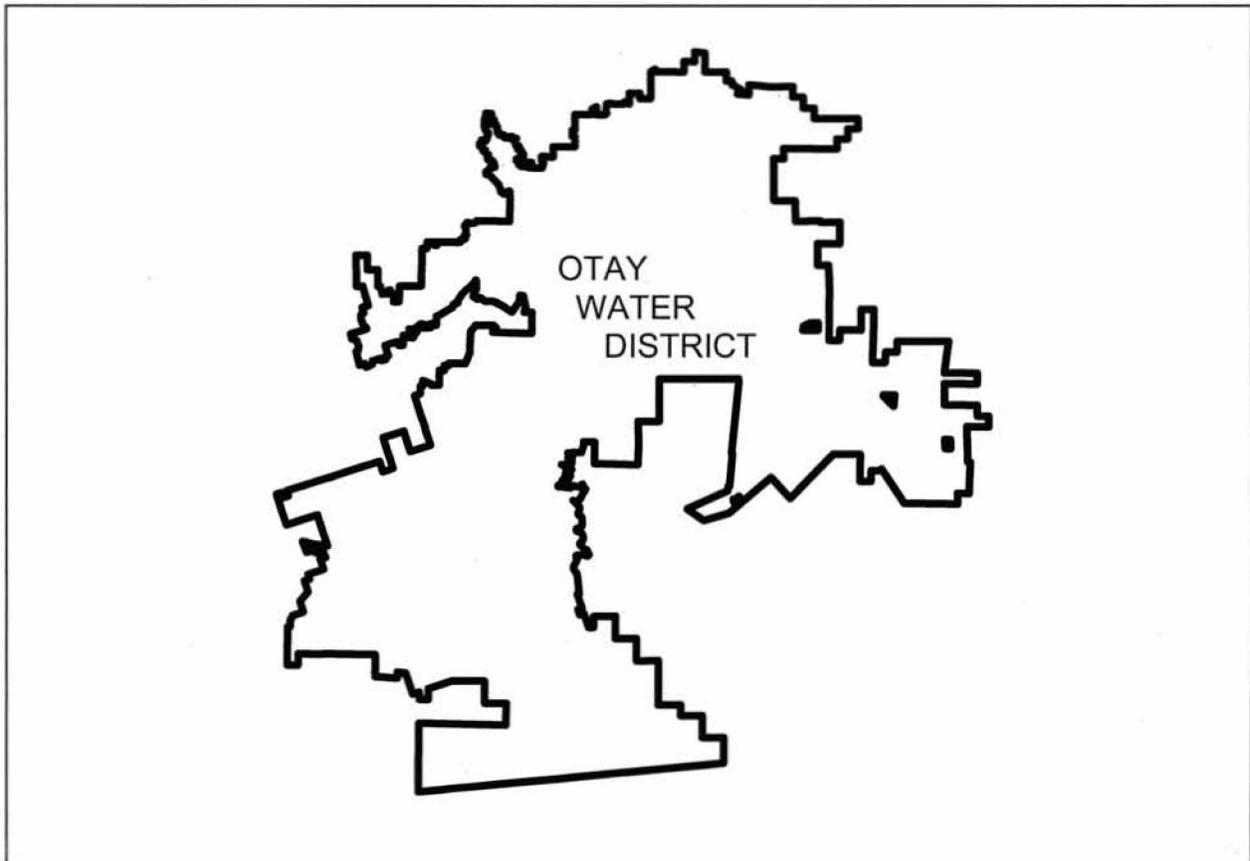
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   |              |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|             |             |             |             |             |             | \$0.00       |

**PROJECT LOCATION:**

**Thomas Bros. Map:**

**OWD Map Book:**



**Submitted By:** Tim Keeran

**Date:** 02/18/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2485**

**PROJECT TITLE: SCADA Communication System and Software Replacement**

|  |   |
|--|---|
| <b>PROJECT MANAGER:</b> Stalker          | <b>DIRECTOR DIVISION:</b> District Wide |
| <b>ORIGINAL APPROVED DATE:</b> 5/21/2009 | <b>I.D. LOCATION:</b> District Wide     |
| <b>RELATED CIP PROJECTS:</b>             | <b>PRIORITY:</b> 1                      |
|  | <b>BUDGET AMOUNT:</b> \$1,325,000       |

**DESCRIPTION OF PROJECT:**

This project is for the replacement of the existing SCADA software and radio communication system.

**JUSTIFICATION OF PROJECT:**

The vendor will no longer be upgrading or supporting the existing system beginning 2012. The existing SCADA software is from Factory Link. The radio equipment needs replacement to allow for increased the band width capability to increase security systems functionality.

**COMMENTS:**

The SCADA and radio equipment replacement will include the potable and recycled water systems along with the RWCWRF and sewer collection system.

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$265               | \$350       | \$475       | \$235       |             |             |             | \$1,325      |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2485**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      |                                  |                                   |  |
| <b>DESIGN:</b>        |                                  |                                   |  |
| <b>CONSTRUCTION:</b>  | 07/09                            | 06/13                             | \$1,325                                |

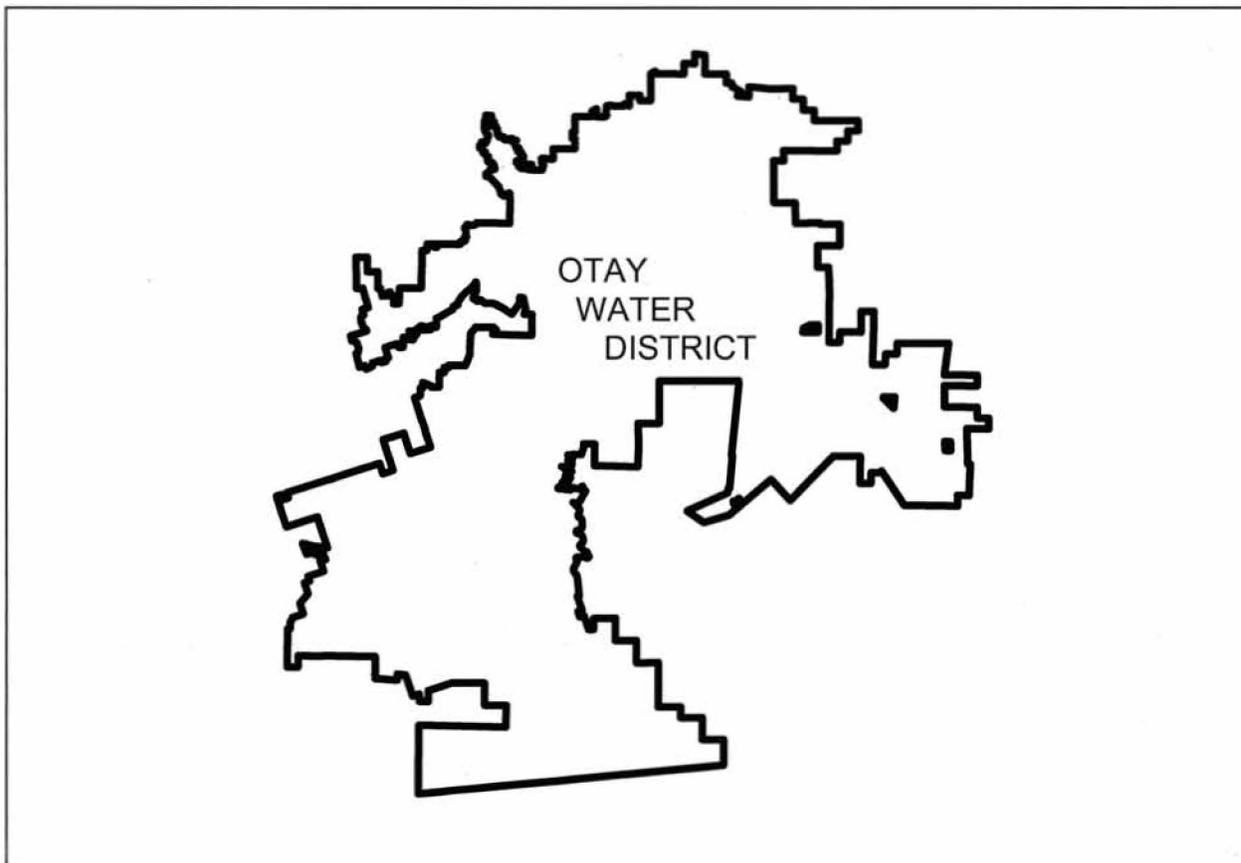
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   |              |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|             |             |             |             |             |             | \$0.00       |

**PROJECT LOCATION:**

**Thomas Bros. Map:**

**OWD Map Book:**



**Submitted By:** Gary Stalker

**Date:** 02/11/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2486**

**PROJECT TITLE:** Asset Management Plan Condition Assessment and Data Acquisition

|                                |           |                           |               |
|--------------------------------|-----------|---------------------------|---------------|
| <b>PROJECT MANAGER:</b>        | Stevens   | <b>DIRECTOR DIVISION:</b> | District Wide |
| <b>ORIGINAL APPROVED DATE:</b> | 5/21/2009 | <b>I.D. LOCATION:</b>     | District Wide |
| <b>RELATED CIP PROJECTS:</b>   |           | <b>PRIORITY:</b>          | 1             |
|                                |           | <b>BUDGET AMOUNT:</b>     | \$1,150,000   |

**DESCRIPTION OF PROJECT:**

This project is for the development of an integrated Asset Management Plan.

**JUSTIFICATION OF PROJECT:**

Implementation of an Asset Management Plan is best practice and will provide for a formal means of maintaining, replacing, and funding the existing fixed assets.

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$250               | \$600       | \$200       | \$100       |             |             |             | \$1,150      |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2486**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/09                            | 06/13                             | \$1,150                                |
| <b>DESIGN:</b>        |                                  |                                   |  |
| <b>CONSTRUCTION:</b>  |                                  |                                   |  |

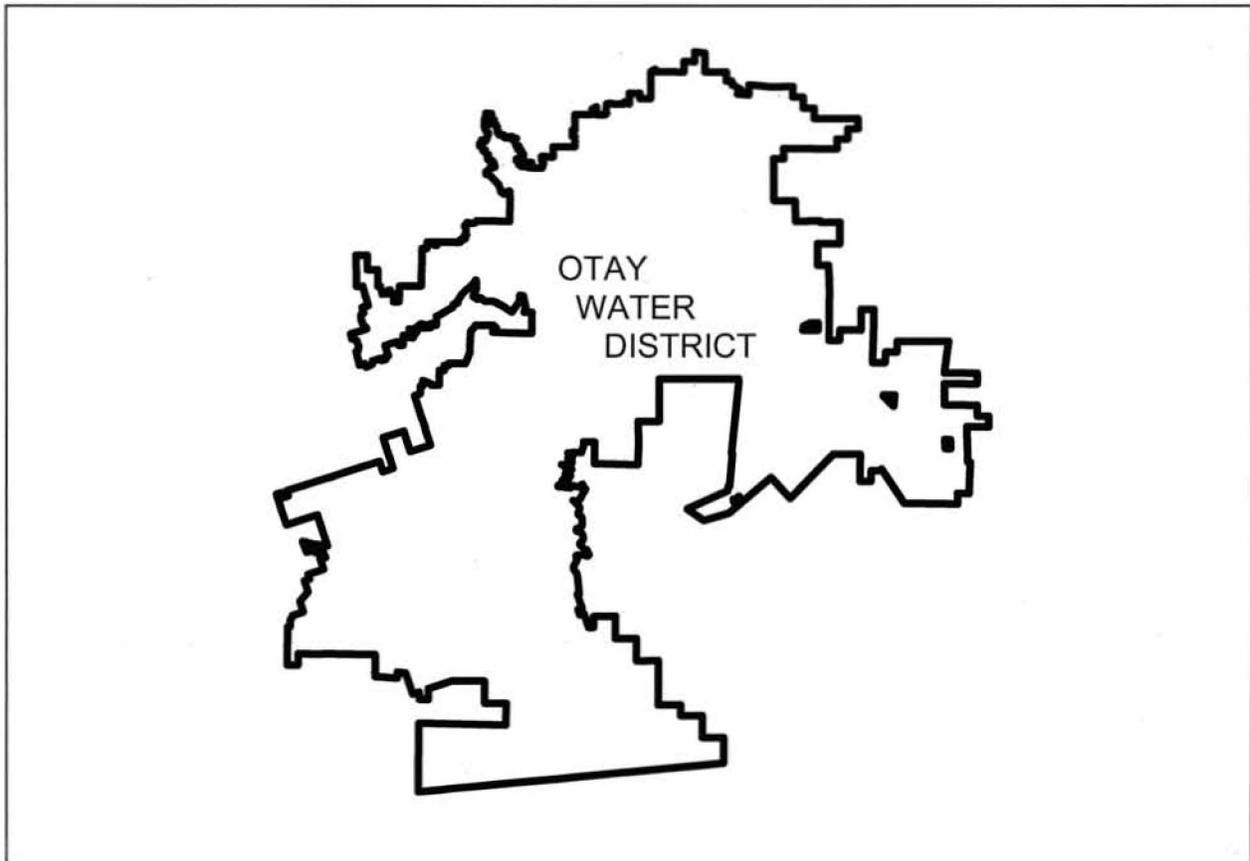
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   |              |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|             |             |             |             |             |             | \$0.00       |

**PROJECT LOCATION:**

**Thomas Bros. Map:**

**OWD Map Book:**



**Submitted By:** Geoff Stevens

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2490**

**PROJECT TITLE: 1296-1 Reservoir Interior/Exterior Coating**

|  |                                 |
|--|---------------------------------|
| <b>PROJECT MANAGER:</b> Kay              | <b>DIRECTOR DIVISION:</b> 5     |
| <b>ORIGINAL APPROVED DATE:</b> 5/21/2009 | <b>I.D. LOCATION:</b> 9         |
| <b>RELATED CIP PROJECTS:</b>             | <b>PRIORITY:</b> 1              |
|  | <b>BUDGET AMOUNT:</b> \$350,000 |

**DESCRIPTION OF PROJECT:**

This project provides funding for the interior and exterior coating of the 1296-1 Reservoir. In addition, an assessment of the facility will be accomplished to assure compliance to all applicable codes and OSHA standards.

**JUSTIFICATION OF PROJECT:**

Based upon the most recent reservoir assessment report dated August 8, 2008 the 1296-1 Reservoir interior and exterior coatings are in relatively poor condition and are in need of 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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$100               | \$240       | \$10        |             |             |             |             | \$350        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2490**

**PROJECT SCHEDULE:**

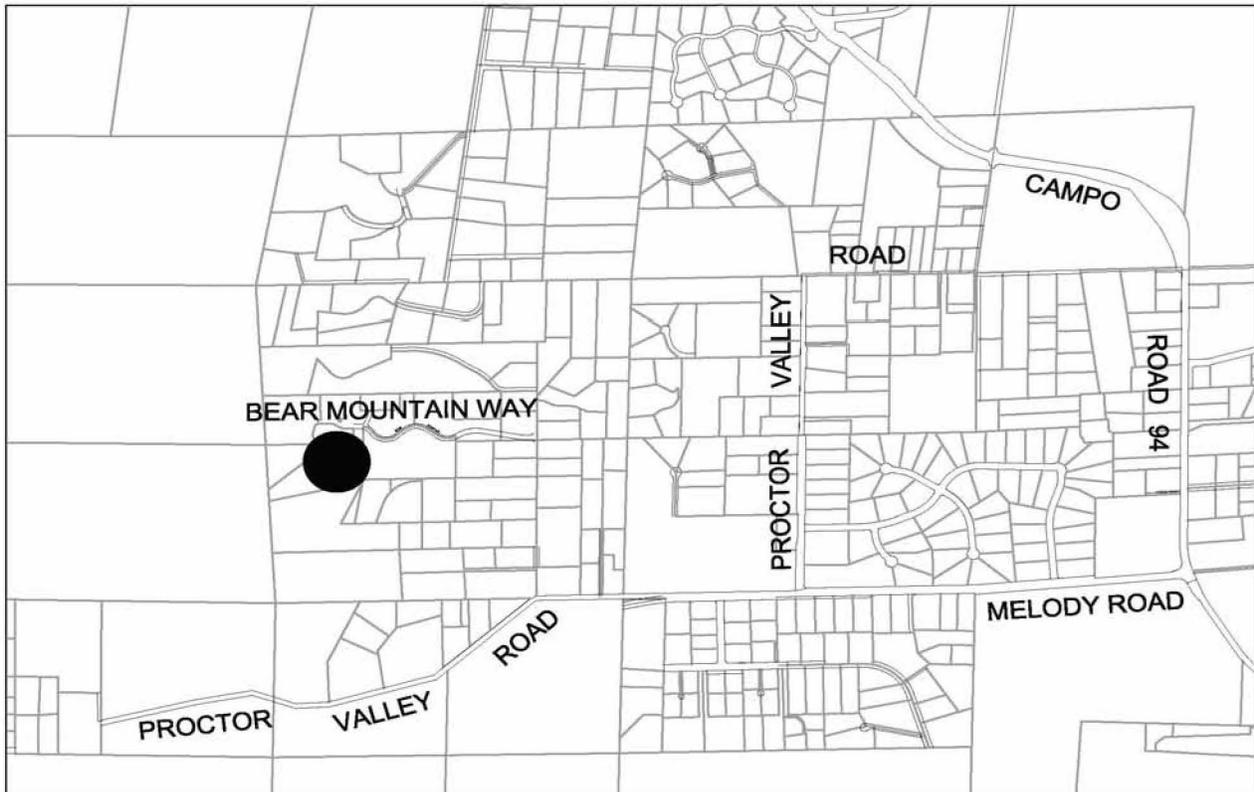
| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/09                            | 08/09                             | \$4                                    |
| <b>DESIGN:</b>        | 09/09                            | 12/09                             | \$15                                   |
| <b>CONSTRUCTION:</b>  | 01/10                            | 06/12                             | \$331                                  |

**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> |
|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | \$0.00       |

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

**OWD Map Book: 307**



**Submitted By:** Daniel Kay

**Date:** 02/02/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2491**

**PROJECT TITLE: 850-3 Reservoir Exterior Coating**

|  |                                 |
|--|---------------------------------|
| <b>PROJECT MANAGER:</b> Kay              | <b>DIRECTOR DIVISION:</b> 5     |
| <b>ORIGINAL APPROVED DATE:</b> 5/21/2009 | <b>I.D. LOCATION:</b> 20        |
| <b>RELATED CIP PROJECTS:</b>             | <b>PRIORITY:</b> 2              |
|  | <b>BUDGET AMOUNT:</b> \$300,000 |

**DESCRIPTION OF PROJECT:**

This project provides funding for the exterior coating of the 850-3 Reservoir. In addition, an assessment of the facility will be accomplished to assure compliance to all applicable codes and OSHA standards.

**JUSTIFICATION OF PROJECT:**

The 850-3 Reservoir exterior coating is in poor condition and is in need of replacement.

**COMMENTS:**

**FUND DETAIL:**

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

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

| PRIOR YEARS: | FY   | FY    | FY   | FY   | FY   | FY   |       |
|--------------|------|-------|------|------|------|------|-------|
| TOTAL        | 2011 | 2012  | 2013 | 2014 | 2015 | 2016 | TOTAL |
| \$1          | \$10 | \$284 | \$5  |      |      |      | \$300 |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2491**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/09                            | 08/09                             | \$4                                    |
| <b>DESIGN:</b>        | 09/09                            | 12/09                             | \$15                                   |
| <b>CONSTRUCTION:</b>  | 01/10                            | 06/13                             | \$281                                  |

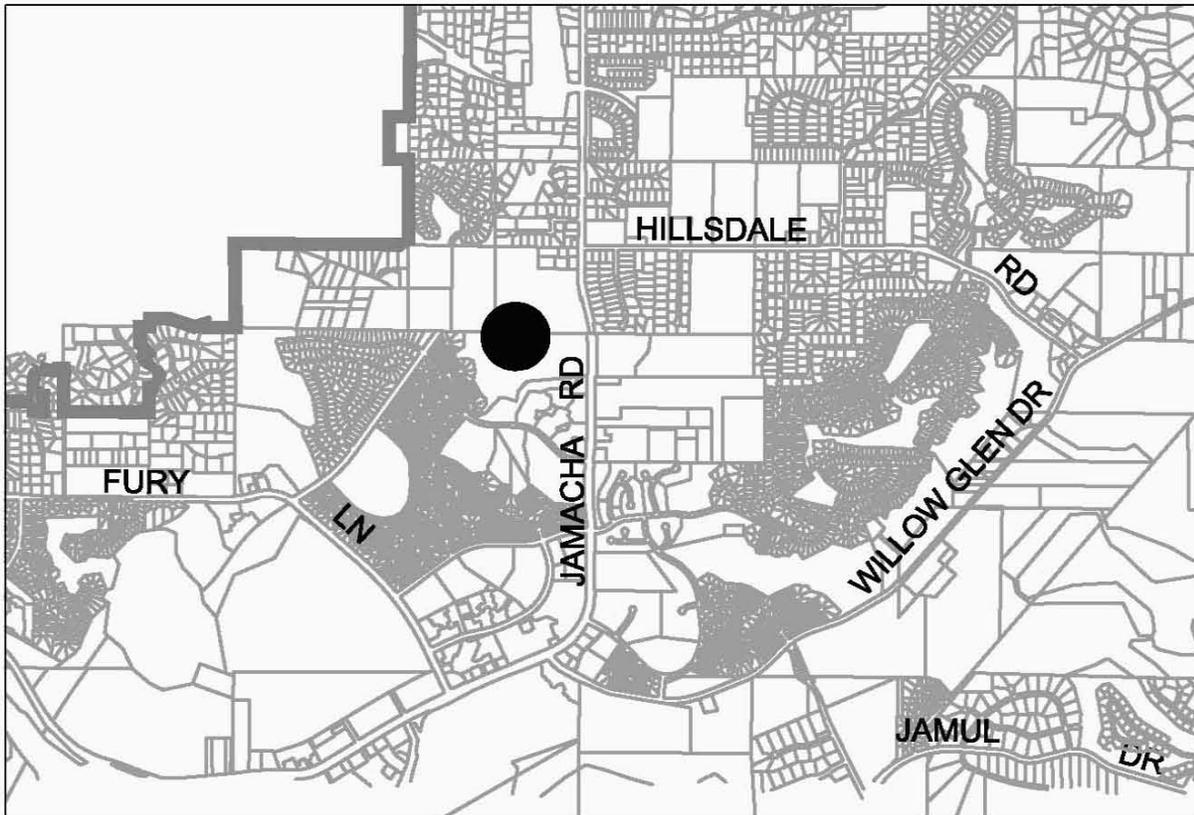
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>TOTAL</b> |
|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | \$0.00       |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1272**

**OWD Map Book: 355**



**Submitted By:** Daniel Kay

**Date:** 02/02/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2492**

**PROJECT TITLE: 1296-2 Reservoir Interior/Exterior Coating**

|                                |           |                           |           |
|--------------------------------|-----------|---------------------------|-----------|
| <b>PROJECT MANAGER:</b>        | Kay       | <b>DIRECTOR DIVISION:</b> | 5         |
| <b>ORIGINAL APPROVED DATE:</b> | 5/21/2009 | <b>I.D. LOCATION:</b>     | 9         |
| <b>RELATED CIP PROJECTS:</b>   |           | <b>PRIORITY:</b>          | 1         |
|                                |           | <b>BUDGET AMOUNT:</b>     | \$550,000 |

**DESCRIPTION OF PROJECT:**

This project provides funding for the interior and exterior coating of the 1296-2 Reservoir. In addition, an assessment of the facility will be accomplished to assure compliance to all applicable codes and OSHA standards.

**JUSTIFICATION OF PROJECT:**

Based upon the most recent reservoir assessment report dated August 8, 2008 the 1296-2 Reservoir interior and exterior coatings are in relatively poor condition and are in need of 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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$100               | \$440       | \$10        |             |             |             |             | \$550        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2492**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/09                            | 08/10                             | \$4                                    |
| <b>DESIGN:</b>        | 09/10                            | 12/10                             | \$15                                   |
| <b>CONSTRUCTION:</b>  | 01/11                            | 06/12                             | \$531                                  |

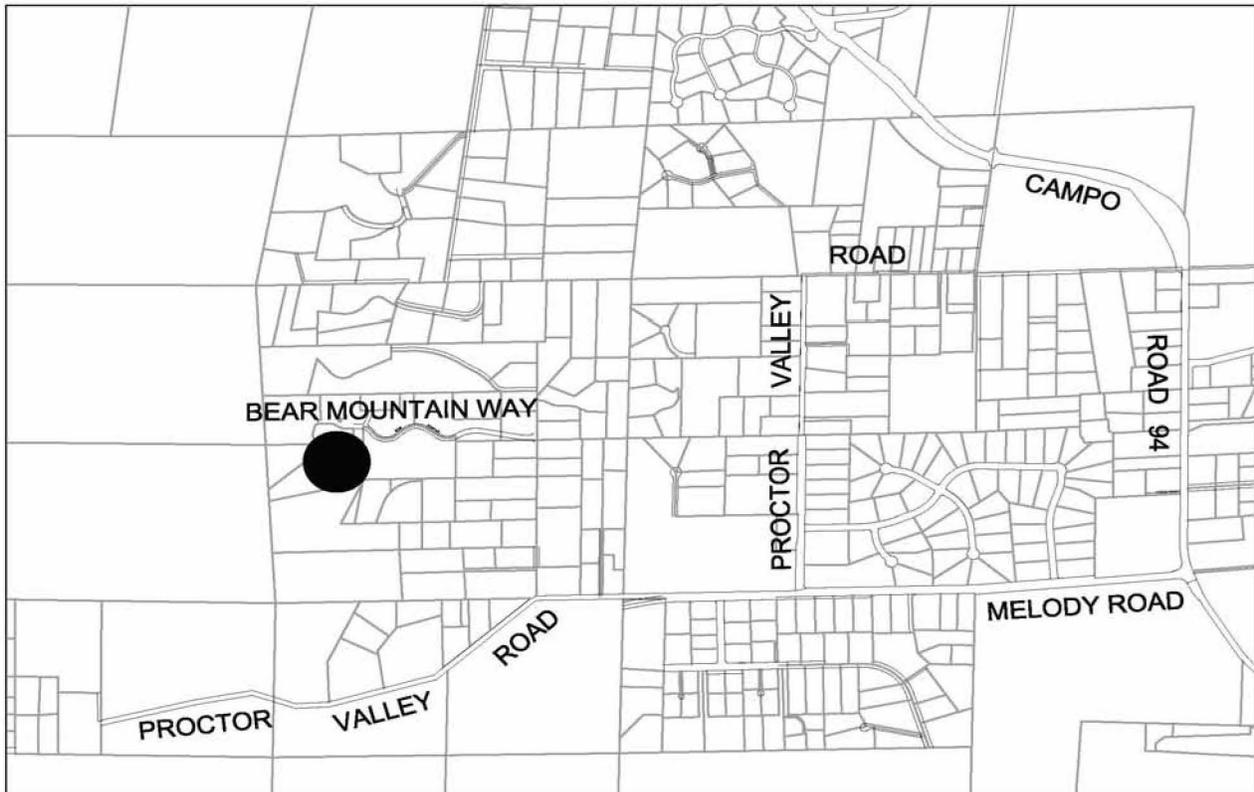
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>TOTAL</b> |
|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | \$0.00       |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1292**

**OWD Map Book: 307**



**Submitted By:** Daniel Kay

**Date:** 02/02/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2493**

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

|                                |           |                           |           |
|--------------------------------|-----------|---------------------------|-----------|
| <b>PROJECT MANAGER:</b>        | Kay       | <b>DIRECTOR DIVISION:</b> | 1         |
| <b>ORIGINAL APPROVED DATE:</b> | 5/21/2009 | <b>I.D. LOCATION:</b>     | 22        |
| <b>RELATED CIP PROJECTS:</b>   |           | <b>PRIORITY:</b>          | 3         |
|                                |           | <b>BUDGET AMOUNT:</b>     | \$950,000 |

**DESCRIPTION OF PROJECT:**

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

**JUSTIFICATION OF PROJECT:**

Based upon the most recent reservoir assessment report dated August 8, 2008 the 624-2 Reservoir interior coating is in relatively poor condition and is in need of replacement.

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$1                 | \$5         | \$5         | \$935       | \$4         |             |             | \$950        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2493**

**PROJECT SCHEDULE:**

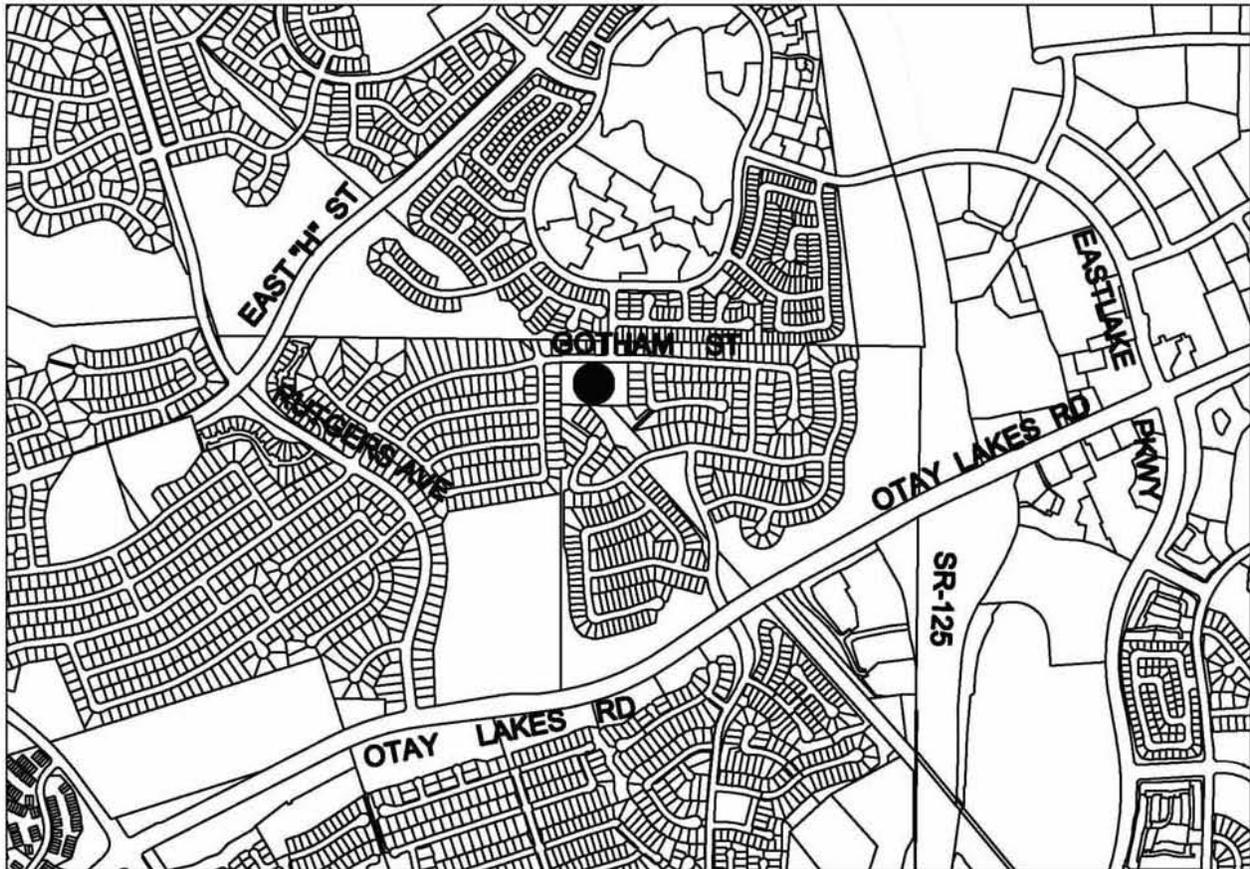
| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/09                            | 08/10                             | \$4                                    |
| <b>DESIGN:</b>        | 09/10                            | 12/10                             | \$15                                   |
| <b>CONSTRUCTION:</b>  | 01/11                            | 06/14                             | \$931                                  |

**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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>\$0.00</b> |
|             |             |             |             |             |             |               |

**PROJECT LOCATION:** Thomas Bros. Map: 1311

**OWD Map Book: 130**



**Submitted By:** Daniel Kay

**Date:** 02/02/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2494**

**PROJECT TITLE:** Multiple Species Conservation Plan

|  |   |
|--|---|
| <b>PROJECT MANAGER:</b> Coburn-Boyd      | <b>DIRECTOR DIVISION:</b> District Wide |
| <b>ORIGINAL APPROVED DATE:</b> 5/21/2009 | <b>I.D. LOCATION:</b> District Wide     |
| <b>RELATED CIP PROJECTS:</b> P2495       | <b>PRIORITY:</b> 1                      |
|  | <b>BUDGET AMOUNT:</b> \$830,000         |

**DESCRIPTION OF PROJECT:**

This project is to provide funding to develop a plan to streamline the environmental permitting processes for the capital improvement program projects to be constructed.

**JUSTIFICATION OF PROJECT:**

The project will save time and money when compared to environmental permitting each capital improvement program project individually.

**COMMENTS:**

**FUND 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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$650               | \$170       | \$10        |             |             |             |             | \$830        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2494**

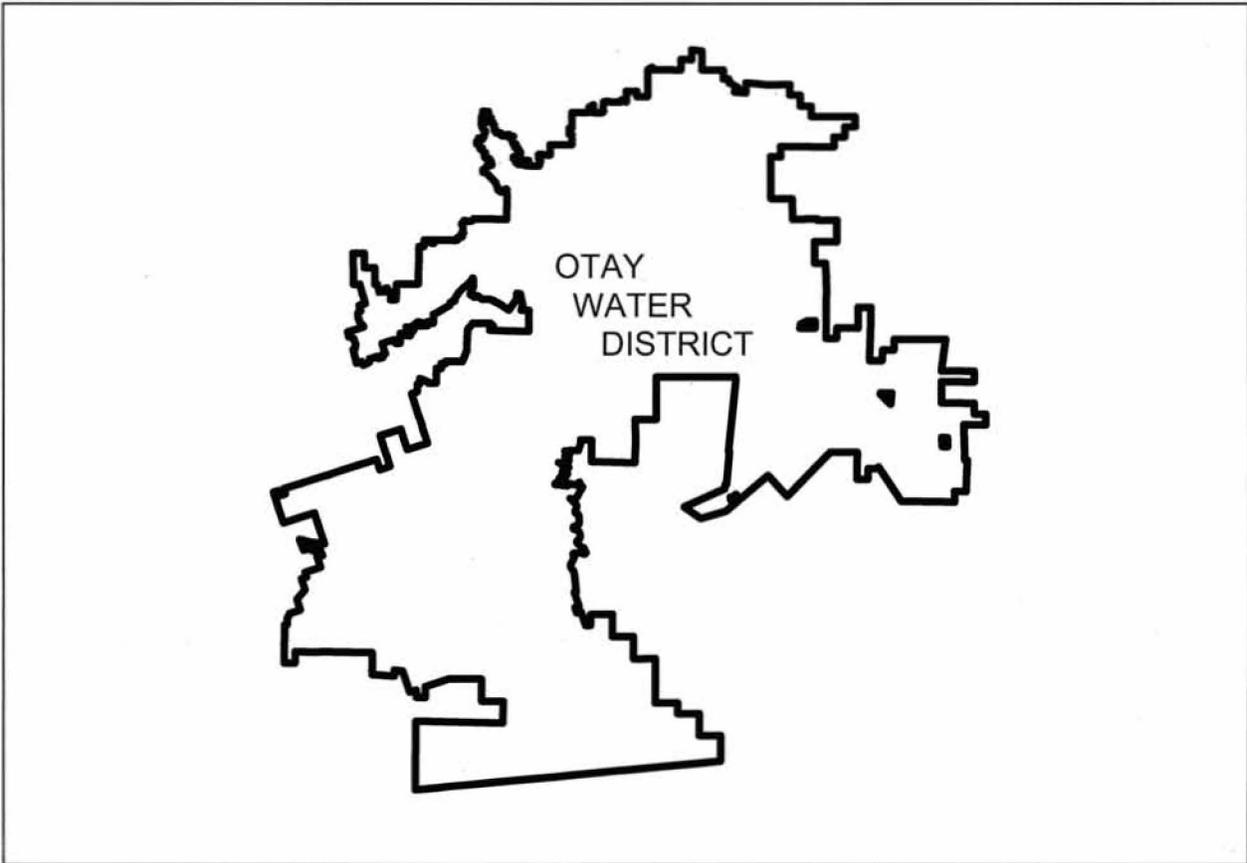
**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/09                            | 06/12                             | \$830                                  |
| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|             |             |             |             |             |             | \$0.00       |

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



**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2495**

**PROJECT TITLE:** San Miguel Habitat Management/Mitigation Area

|  |                                   |
|--|-----------------------------------|
| <b>PROJECT MANAGER:</b> Coburn-Boyd      | <b>DIRECTOR DIVISION:</b> 4       |
| <b>ORIGINAL APPROVED DATE:</b> 5/21/2009 | <b>I.D. LOCATION:</b> 22          |
| <b>RELATED CIP PROJECTS:</b> P2494       | <b>PRIORITY:</b> 1                |
|  | <b>BUDGET AMOUNT:</b> \$1,725,000 |

**DESCRIPTION OF PROJECT:**

This project is to provide funding for the establishment and management of mitigation areas on capital improvement program projects sites and at the San Miguel Habitat Management Area to offset environmental impacts due to construction activities.

**JUSTIFICATION OF PROJECT:**

The resource agencies (USFWS, CDFG, etc.) require areas of land to be set aside, established, managed, and maintained in order to mitigate for impacts due to contraction activities.

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$225               | \$250       | \$250       | \$250       | \$250       | \$250       | \$250       | \$1,725      |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2495**

**PROJECT SCHEDULE:**

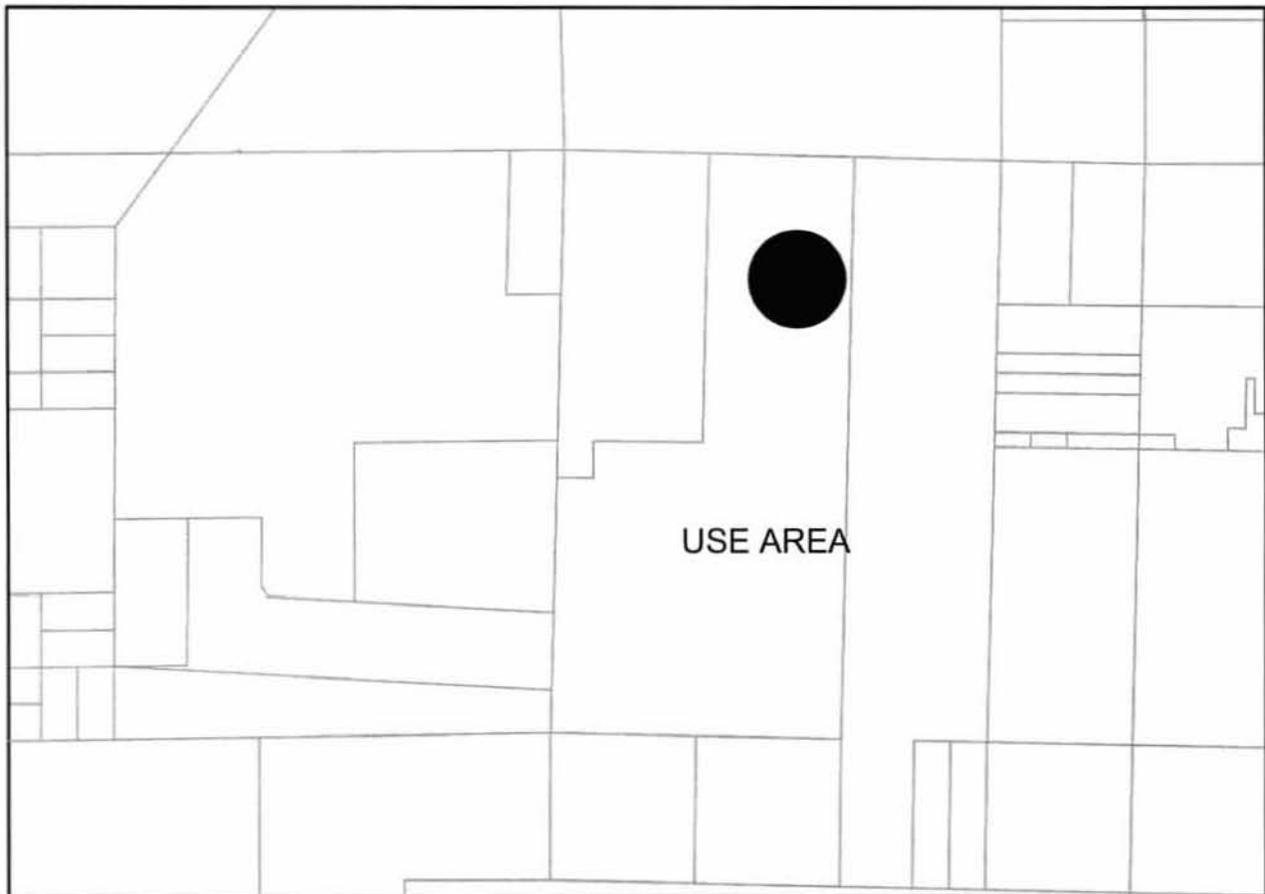
| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/09                            | 06/15                             | \$1,725                                |
| <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>TOTAL</b> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             |             |             |             |             |             | \$0.00       |

**PROJECT LOCATION: Thomas Bros. Map: 1311**

**OWD Map Book: 159**



**Submitted By:** Lisa Coburn-Boyd

**Date:** 02/22/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2496**

**PROJECT TITLE:** Otay Lakes Road Utility Relocations

|                                |           |                           |           |
|--------------------------------|-----------|---------------------------|-----------|
| <b>PROJECT MANAGER:</b>        | Kay       | <b>DIRECTOR DIVISION:</b> | 4         |
| <b>ORIGINAL APPROVED DATE:</b> | 5/21/2009 | <b>I.D. LOCATION:</b>     | 5         |
| <b>RELATED CIP PROJECTS:</b>   |           | <b>PRIORITY:</b>          | 1         |
|                                |           | <b>BUDGET AMOUNT:</b>     | \$250,000 |

**DESCRIPTION OF PROJECT:**

This project provides funding for all utility relocations required to accommodate the City of Chula Vista road improvement project located along Otay Lakes and Telegraph Canyon Roads.

**JUSTIFICATION OF PROJECT:**

The Otay WD will be required to relocate all conflicting systems at its own expense for the City of Chula Vista has prior and superior rights.

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$45                | \$195       | \$10        |             |             |             |             | \$250        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2496**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/09                            | 08/09                             | \$4                                    |
| <b>DESIGN:</b>        | 09/09                            | 10/09                             | \$11                                   |
| <b>CONSTRUCTION:</b>  | 01/09                            | 06/12                             | \$235                                  |

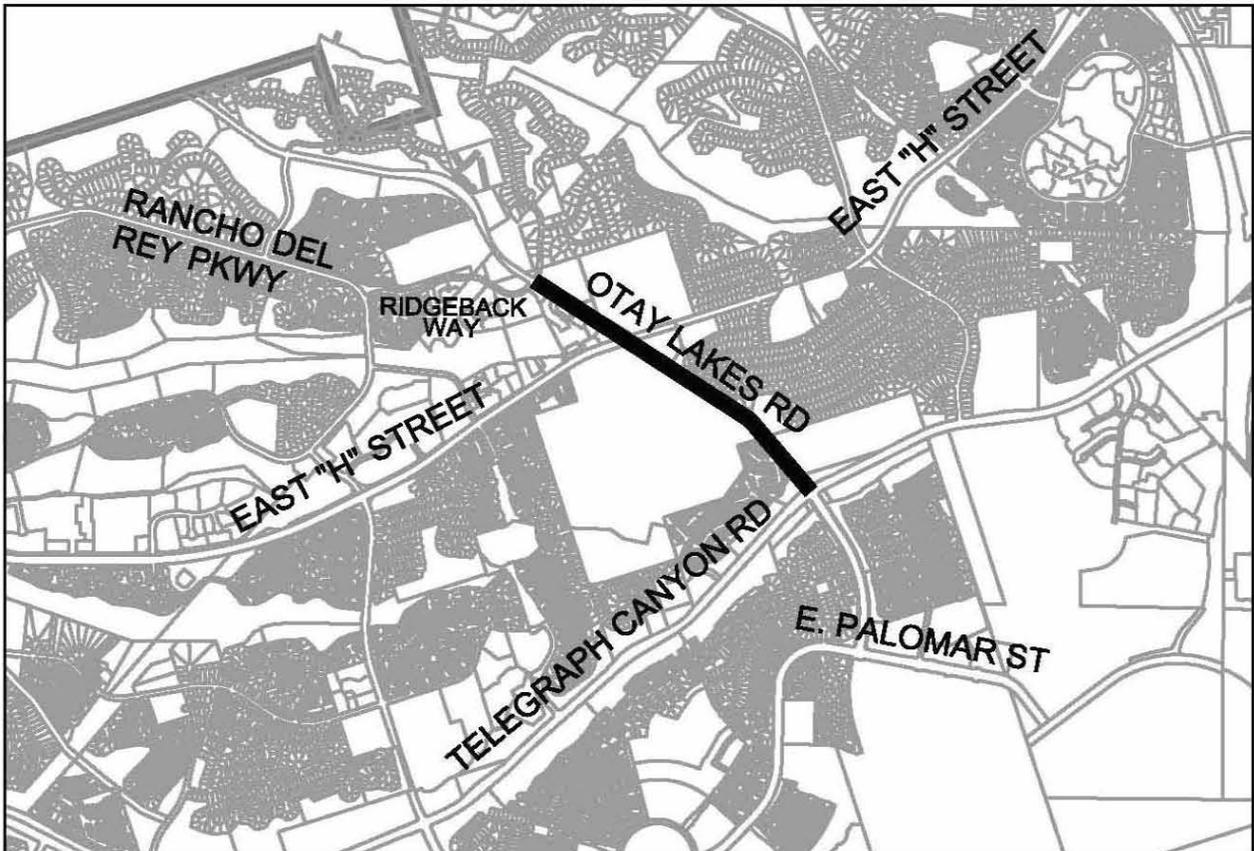
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>TOTAL</b> |
|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | \$0.00       |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1311**

**OWD Map Book: 113**



**Submitted By:** Daniel Kay

**Date:** 02/02/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2504**

**PROJECT TITLE:** Regulatory Site Access Road and Pipeline Relocation

|                                    |                                 |
|------------------------------------|---------------------------------|
| <b>PROJECT MANAGER:</b> Ripperger  | <b>DIRECTOR DIVISION:</b> 3     |
| <b>ORIGINAL APPROVED DATE:</b>     | <b>I.D. LOCATION:</b> 20        |
| <b>RELATED CIP PROJECTS:</b> P2466 | <b>PRIORITY:</b> 1              |
|                                    | <b>BUDGET AMOUNT:</b> \$600,000 |

**DESCRIPTION OF PROJECT:**

Replace 1,200 feet of existing 16-inch 850 Pressure Zone pipeline just south of the Regulatory Reservoir Site and improve the existing access road from the proposed sheriff substation site to the Regulatory Reservoir Site.

**JUSTIFICATION OF PROJECT:**

Construction of the proposed sheriff substation project will conflict with the existing 16-inch pipeline resulting in its need to be relocated. Improving the existing access road provide for increased safety and all weather permanent access to the Regulatory Reservoir Site.

**COMMENTS:**

General Fund at 50% replacement and ID 20 at 50% betterment.

**FUND DETAIL:**

| <b>FUNDING SOURCE:</b> | <b>Expansion</b> | <b>Betterment</b> | <b>Replacement</b> | <b>Total</b> |
|------------------------|------------------|-------------------|--------------------|--------------|
| General Fund           |                  |                   | 50%                | 50%          |
| I.D. 20                |                  | 50%               |                    | 50%          |
| <b>TOTAL:</b>          |                  | 50%               | 50%                | 100%         |

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

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|                     | \$200       | \$400       |             |             |             |             | \$600        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2504**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/10                            | 09/10                             | \$5                                    |
| <b>DESIGN:</b>        | 10/10                            | 12/10                             | \$95                                   |
| <b>CONSTRUCTION:</b>  | 01/11                            | 06/12                             | \$500                                  |

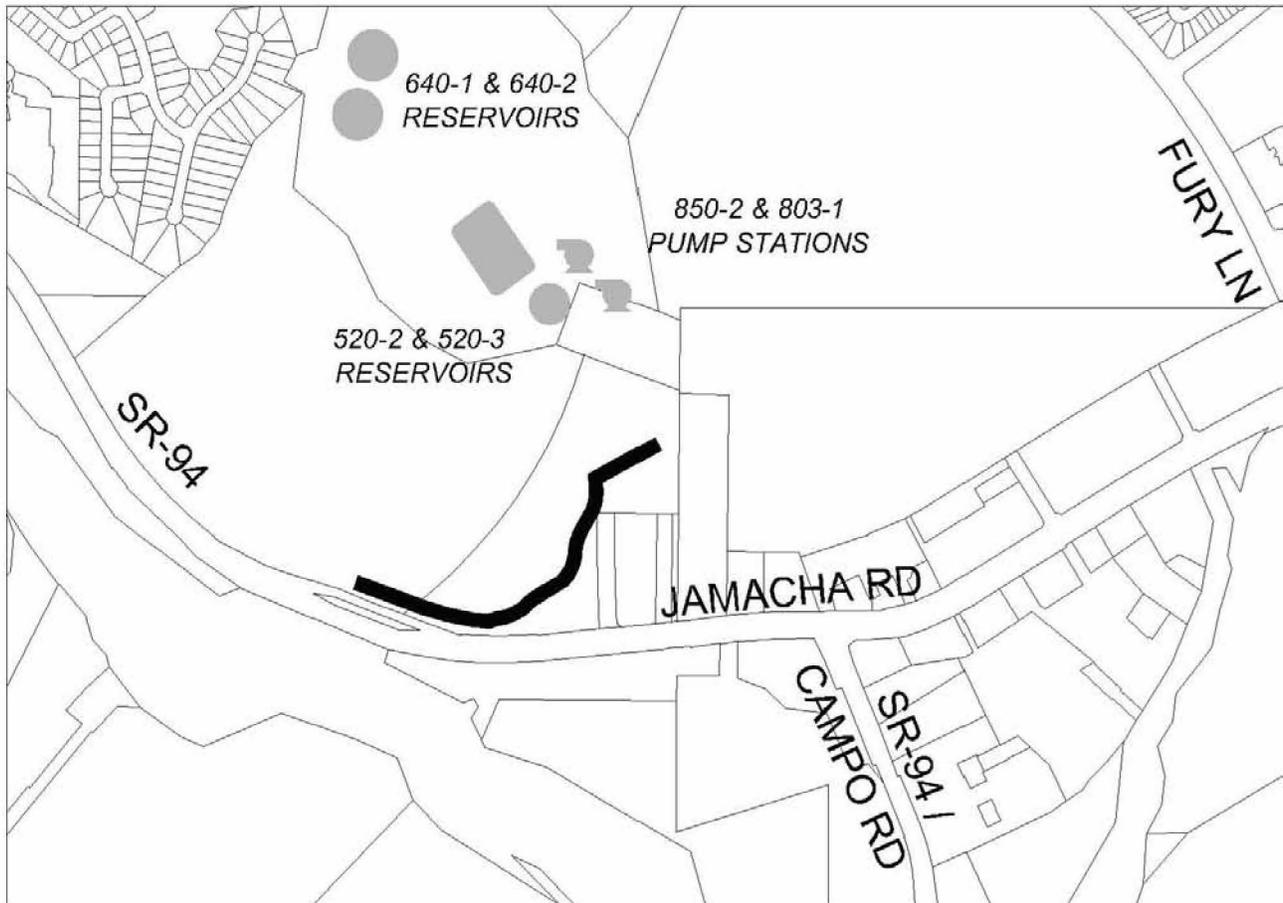
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>TOTAL</b> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1271**

**OWD Map Book: 331**



**Submitted By:** Ron Ripperger

**Date:** 02/24/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2505**

**PROJECT TITLE: 657-1 Reservoir Interior/Exterior Coating**

|                                    |                                 |
|------------------------------------|---------------------------------|
| <b>PROJECT MANAGER:</b> Kay        | <b>DIRECTOR DIVISION:</b> 3     |
| <b>ORIGINAL APPROVED DATE:</b>     | <b>I.D. LOCATION:</b> 1         |
| <b>RELATED CIP PROJECTS:</b> P2506 | <b>PRIORITY:</b> 1              |
|                                    | <b>BUDGET AMOUNT:</b> \$375,000 |

**DESCRIPTION OF PROJECT:**

This project provides funding for the interior and exterior coating of the 657-1 Reservoir. In addition, an assessment of the facility will be accomplished to assure compliance to all applicable codes and OSHA standards.

**JUSTIFICATION OF PROJECT:**

Based upon the most recent reservoir assessment report dated June 30, 2009 the 657-1 Reservoir interior and exterior coatings are in relatively poor condition and are in need of 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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|                     | \$325       | \$50        |             |             |             |             | \$375        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2505**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/10                            | 09/10                             | \$5                                    |
| <b>DESIGN:</b>        | 10/10                            | 12/10                             | \$30                                   |
| <b>CONSTRUCTION:</b>  | 01/11                            | 06/12                             | \$340                                  |

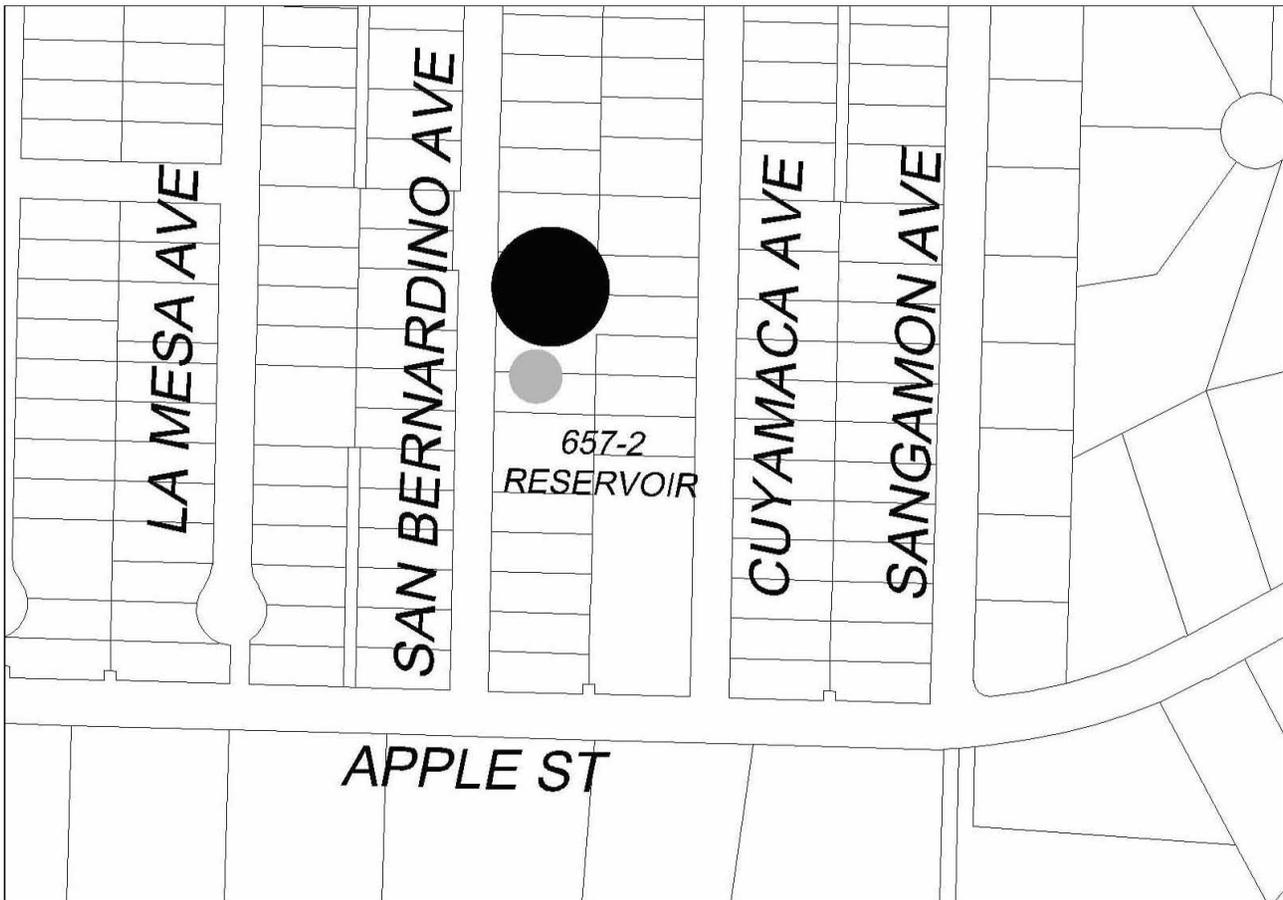
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>TOTAL</b> |
|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| 2011      | 2012      | 2013      | 2014      | 2015      | 2016      |              |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1291**

**OWD Map Book: 303**



**Submitted By:** Daniel Kay

**Date:** 02/02/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2506**

**PROJECT TITLE: 657-2 Reservoir Interior/Exterior Coating**

|                                    |                                 |
|------------------------------------|---------------------------------|
| <b>PROJECT MANAGER:</b> Kay        | <b>DIRECTOR DIVISION:</b> 3     |
| <b>ORIGINAL APPROVED DATE:</b>     | <b>I.D. LOCATION:</b> 1         |
| <b>RELATED CIP PROJECTS:</b> P2505 | <b>PRIORITY:</b> 1              |
|                                    | <b>BUDGET AMOUNT:</b> \$375,000 |

**DESCRIPTION OF PROJECT:**

This project provides funding for the interior and exterior coating of the 657-2 Reservoir. In addition, an assessment of the facility will be accomplished to assure compliance to all applicable codes and OSHA standards.

**JUSTIFICATION OF PROJECT:**

Based upon the most recent reservoir assessment report dated June 30, 2009 the 657-2 Reservoir interior and exterior coatings are in relatively poor condition and are in need of 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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|                     | \$325       | \$50        |             |             |             |             | \$375        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2506**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/10                            | 09/10                             | \$5                                    |
| <b>DESIGN:</b>        | 10/10                            | 12/10                             | \$30                                   |
| <b>CONSTRUCTION:</b>  | 01/11                            | 06/12                             | \$340                                  |

**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> |
|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| 2011      | 2012      | 2013      | 2014      | 2015      | 2016      |              |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1291**

**OWD Map Book: 303**



**Submitted By:** Daniel Kay

**Date:** 02/02/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2507**

**PROJECT TITLE:** East Palomar Street Utility Relocation

|                                 |                                 |
|---------------------------------|---------------------------------|
| <b>PROJECT MANAGER:</b> Kennedy | <b>DIRECTOR DIVISION:</b> 2     |
| <b>ORIGINAL APPROVED DATE:</b>  | <b>I.D. LOCATION:</b> 10        |
| <b>RELATED CIP PROJECTS:</b>    | <b>PRIORITY:</b> 2              |
|                                 | <b>BUDGET AMOUNT:</b> \$500,000 |

**DESCRIPTION OF PROJECT:**

This project is for the necessary utility relocations due to construction improvements to I-805 near East Palomar Street. Both the existing potable and recycled water systems will be impacted.

**JUSTIFICATION OF PROJECT:**

Caltrans will be making improvements to I-805 that will result in conflicts with existing pipelines.

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|                     | \$20        | \$75        | \$155       | \$250       |             |             | \$500        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2507**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/10                            | 12/10                             | \$5                                    |
| <b>DESIGN:</b>        | 01/11                            | 12/11                             | \$30                                   |
| <b>CONSTRUCTION:</b>  | 01/12                            | 06/14                             | \$465                                  |

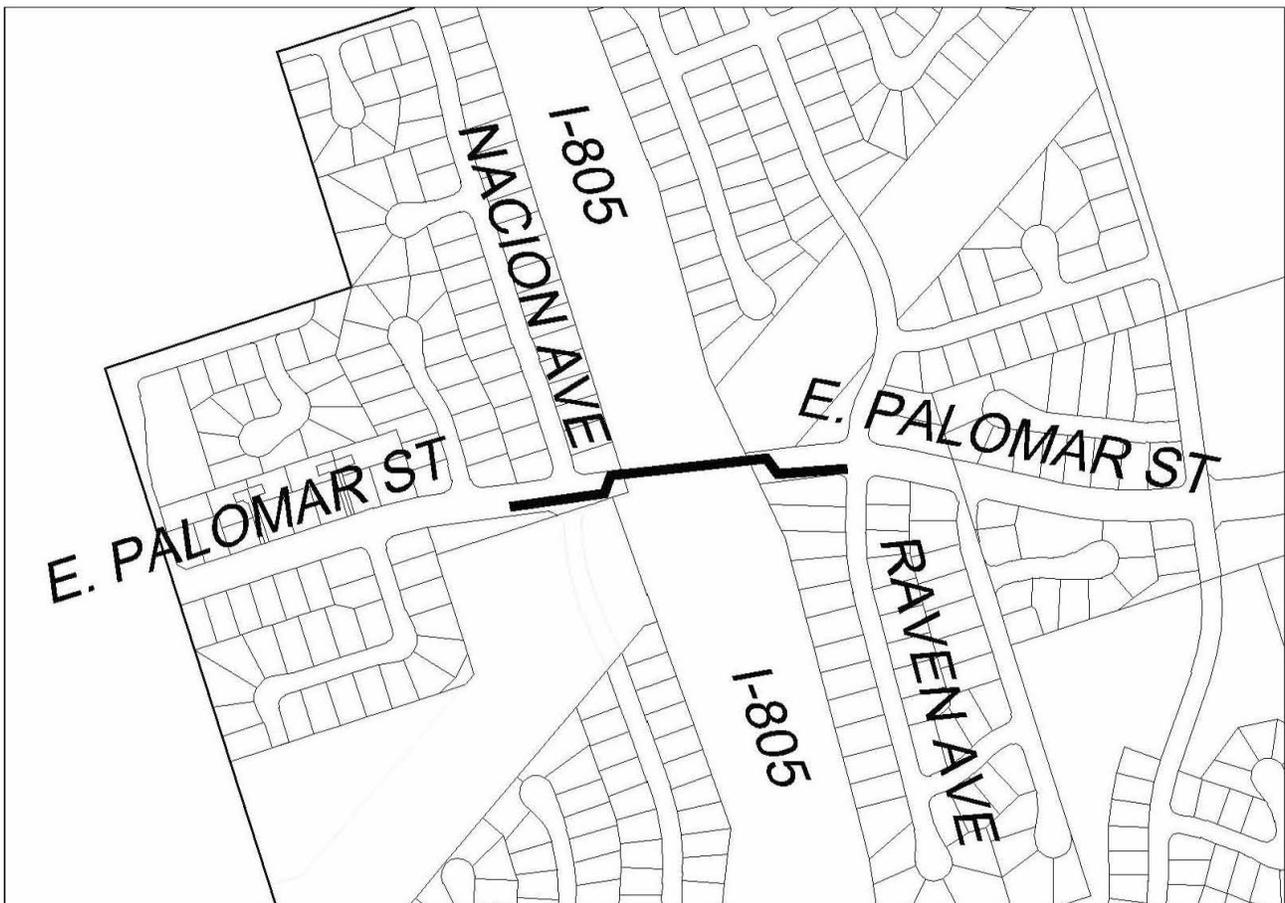
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>TOTAL</b> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1330**

**OWD Map Book: 80**



**Submitted By:** Bob Kennedy

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2508**

**PROJECT TITLE:** Pipeline Cathodic Protection Replacement Program

|                                 |   |
|---------------------------------|---|
| <b>PROJECT MANAGER:</b> Kennedy | <b>DIRECTOR DIVISION:</b> District Wide |
| <b>ORIGINAL APPROVED DATE:</b>  | <b>I.D. LOCATION:</b> District Wide     |
| <b>RELATED CIP PROJECTS:</b>    | <b>PRIORITY:</b> 1                      |
|                                 | <b>BUDGET AMOUNT:</b> \$150,000         |

**DESCRIPTION OF PROJECT:**

This project is for the replacement and repairs of existing cathodic protection systems on various pipelines.

**JUSTIFICATION OF PROJECT:**

The ongoing cathodic protection program efforts have identified various pipelines for anode replacement, cathodic test station repair, installation of isolation kits, and repair of existing anode beds.

**COMMENTS:**

**FUND 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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|                     | \$50        | \$100       |             |             |             |             | \$150        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2508**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/10                            | 09/10                             | \$5                                    |
| <b>DESIGN:</b>        | 10/10                            | 12/10                             | \$30                                   |
| <b>CONSTRUCTION:</b>  | 01/11                            | 06/12                             | \$115                                  |

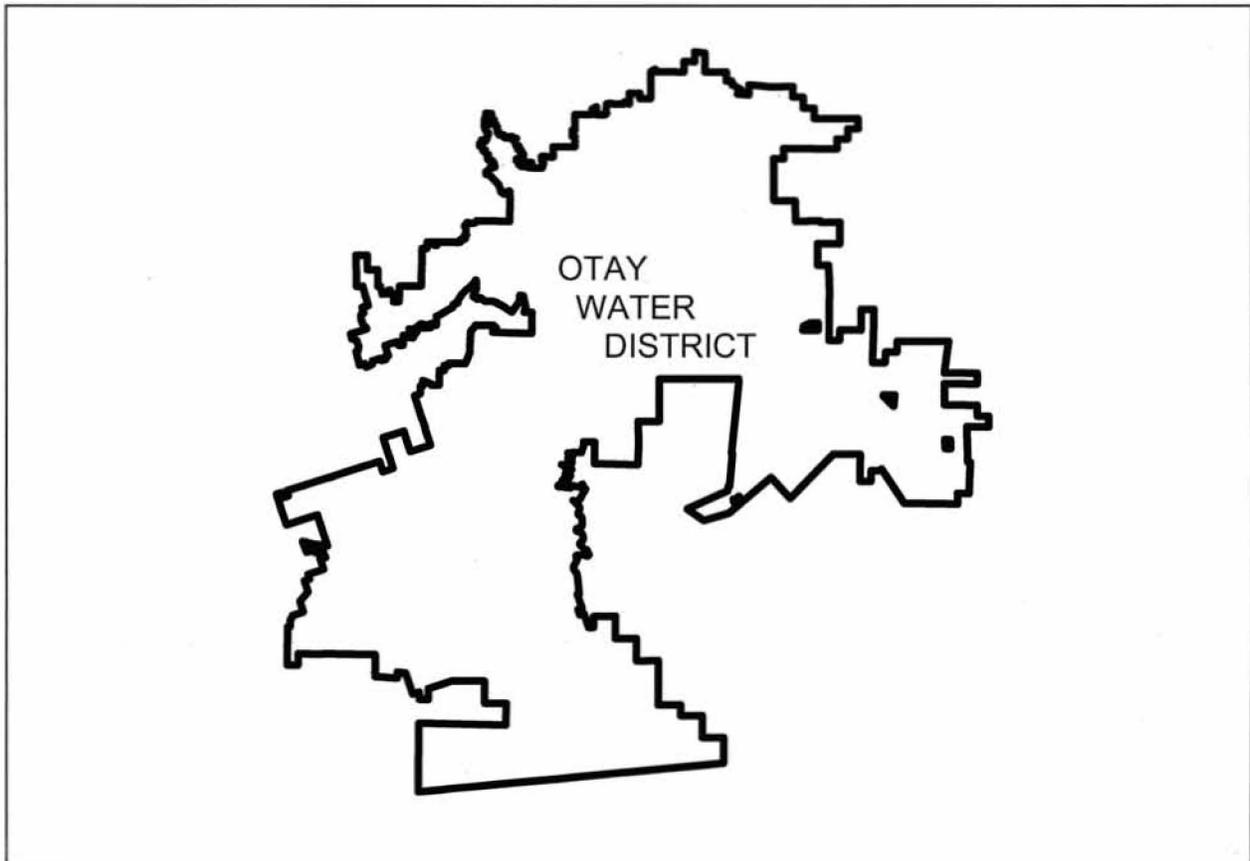
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   |              |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|             |             |             |             |             |             |              |

**PROJECT LOCATION:**

**Thomas Bros. Map:**

**OWD Map Book:**



**Submitted By:** Bob Kennedy

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2096**

**PROJECT TITLE: RWCWRF - Upgrades and Modifications**

|  |                                   |
|--|-----------------------------------|
| <b>PROJECT MANAGER:</b> Coburn-Boyd      | <b>DIRECTOR DIVISION:</b> 3       |
| <b>ORIGINAL APPROVED DATE:</b> 5/21/2009 | <b>I.D. LOCATION:</b> 20          |
| <b>RELATED CIP PROJECTS:</b>             | <b>PRIORITY:</b> 1                |
|  | <b>BUDGET AMOUNT:</b> \$2,500,000 |

**DESCRIPTION OF PROJECT:**

This project includes the rehabilitation of the RWCWRF blower system, air pipeline replacement, and filter storage reservoir cover replacement along with the identification and implementation of modifications for optimization of the air system and other treatment systems to control total nitrogen.

**JUSTIFICATION OF PROJECT:**

The existing blowers are old and not efficient and the existing air piping system is leaking due to corrosion. The plant effluent is exceeding its discharge limit for total nitrogen thus the treatment process must be modified and optimized so that all discharge requirements can be met. The existing flexible membrane cover material is damaged and is in of replacement. Recycled water quality is currently being comprised.

**COMMENTS:**

**FUND DETAIL:**

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

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

| PRIOR YEARS: | FY      | FY    | FY   | FY   | FY   | FY   |         |
|--------------|---------|-------|------|------|------|------|---------|
| TOTAL        | 2011    | 2012  | 2013 | 2014 | 2015 | 2016 | TOTAL   |
| \$400        | \$1,200 | \$900 |      |      |      |      | \$2,500 |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2096**

**PROJECT SCHEDULE:**

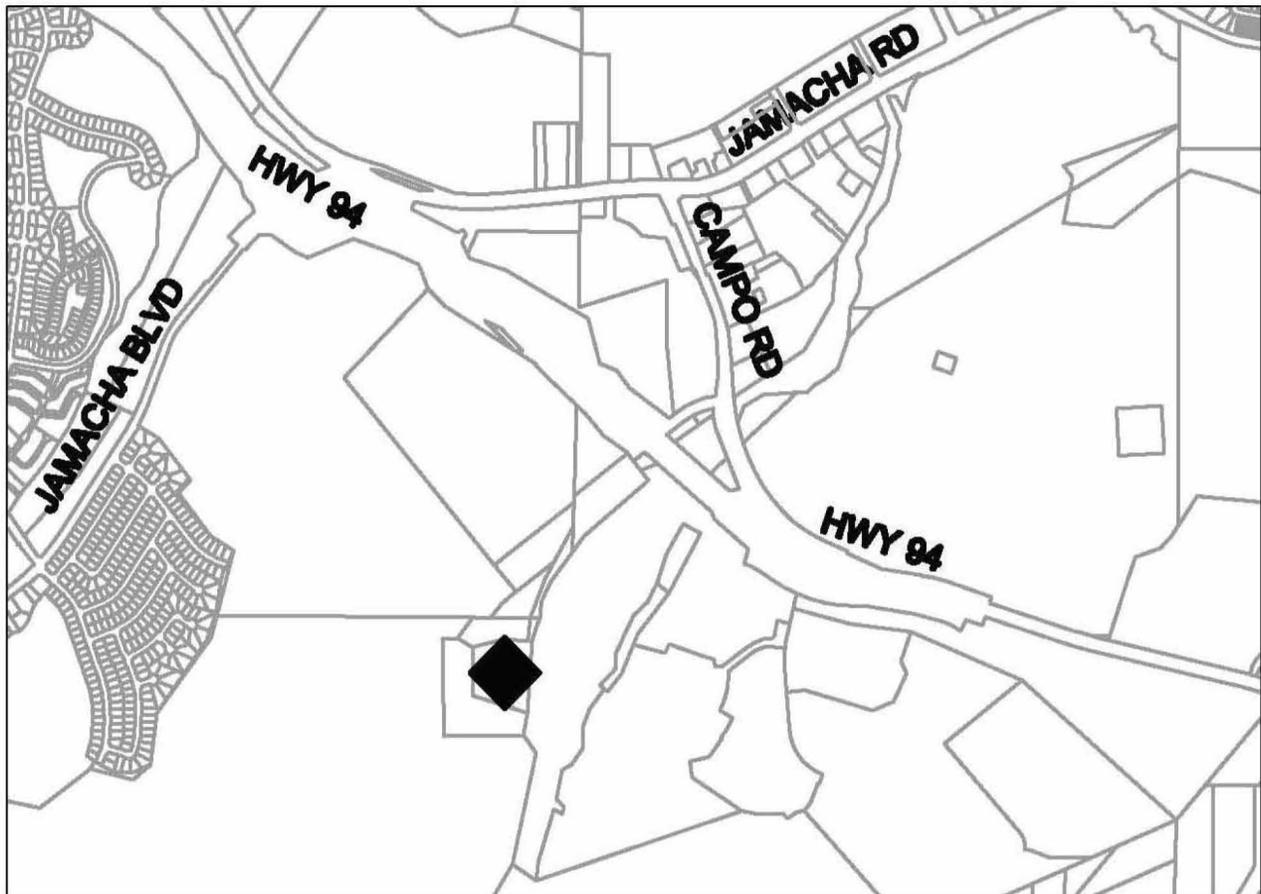
| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/09                            | 09/09                             | \$40                                   |
| <b>DESIGN:</b>        | 10/09                            | 12/10                             | \$110                                  |
| <b>CONSTRUCTION:</b>  | 01/11                            | 06/12                             | \$2,350                                |

**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> |
|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | \$0.00       |

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

**OWD Map Book: 319**



**Submitted By:** Lisa Coburn-Boyd

**Date:** 02/22/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: S2012**

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

|                                |          |                           |               |
|--------------------------------|----------|---------------------------|---------------|
| <b>PROJECT MANAGER:</b>        | Peasley  | <b>DIRECTOR DIVISION:</b> | District Wide |
| <b>ORIGINAL APPROVED DATE:</b> | 6/4/2003 | <b>I.D. LOCATION:</b>     | District Wide |
| <b>RELATED CIP PROJECTS:</b>   |          | <b>PRIORITY:</b>          | 1             |
|                                |          | <b>BUDGET AMOUNT:</b>     | \$4,392,000   |

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$2,200             | \$642       | \$350       | \$300       | \$300       | \$300       | \$300       | \$4,392      |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: S2012**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/03                            | 06/15                             | \$4,392                                |
| <b>DESIGN:</b>        |                                  |                                   |  |
| <b>CONSTRUCTION:</b>  |                                  |                                   |  |

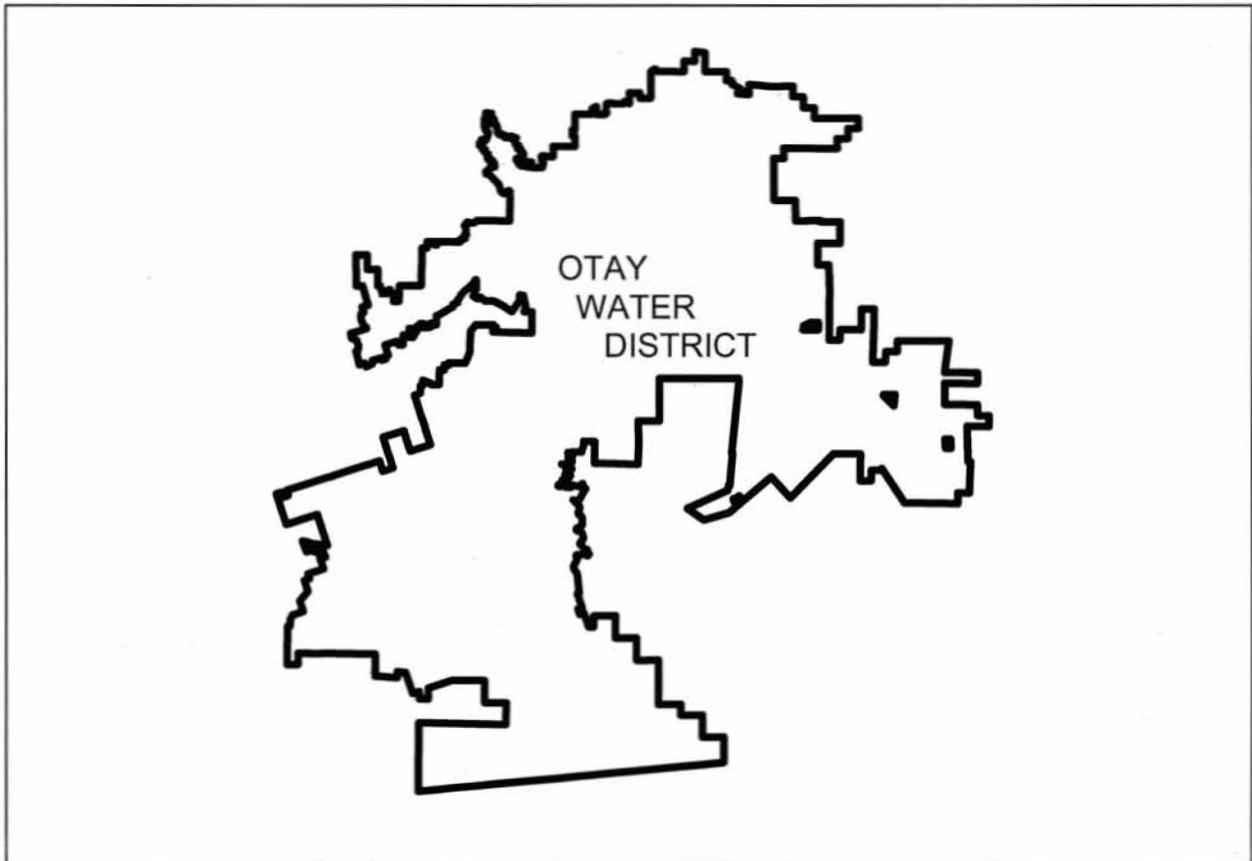
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>TOTAL</b> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             |             |             |             |             |             | \$0.00       |

**PROJECT LOCATION:**

**Thomas Bros. Map:**

**OWD Map Book:**



**Submitted By:** James Peasley

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: S2019**

**PROJECT TITLE:** Avocado Boulevard 8-Inch Sewer Main Improvement

|                                |           |                           |             |
|--------------------------------|-----------|---------------------------|-------------|
| <b>PROJECT MANAGER:</b>        | Kay       | <b>DIRECTOR DIVISION:</b> | 5           |
| <b>ORIGINAL APPROVED DATE:</b> | 5/21/2009 | <b>I.D. LOCATION:</b>     | 18          |
| <b>RELATED CIP PROJECTS:</b>   |           | <b>PRIORITY:</b>          | 1           |
|                                |           | <b>BUDGET AMOUNT:</b>     | \$1,730,000 |

**DESCRIPTION OF PROJECT:**

This project provides sewer main capacity upgrades for approximately 3,200 feet of existing 8-inch ABS sewer main in Avocado Boulevard.

**JUSTIFICATION OF PROJECT:**

The existing sewer main is under sized and the capacity must be increased and has debris deposit problems.

**COMMENTS:**

**FUND DETAIL:**

| <b>FUNDING SOURCE:</b> | <b>Expansion</b> | <b>Betterment</b> | <b>Replacement</b> | <b>Total</b> |
|------------------------|------------------|-------------------|--------------------|--------------|
| Sewer                  |                  | 100%              |                    | 100%         |
| <b>TOTAL:</b>          |                  | 100%              |                    | 100%         |

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

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$200               | \$1,515     | \$15        |             |             |             |             | \$1,730      |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: S2019**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/09                            | 02/10                             | \$65                                   |
| <b>DESIGN:</b>        | 03/10                            | 09/10                             | \$180                                  |
| <b>CONSTRUCTION:</b>  | 10/10                            | 06/12                             | \$1,485                                |

**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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>\$0.00</b> |

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

**OWD Map Book: 342**



**Submitted By:** Daniel Kay

**Date:** 02/02/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: S2020**

**PROJECT TITLE:** Calavo Drive 8-Inch Sewer Main Replacement

|                                |           |                           |           |
|--------------------------------|-----------|---------------------------|-----------|
| <b>PROJECT MANAGER:</b>        | Kay       | <b>DIRECTOR DIVISION:</b> | 5         |
| <b>ORIGINAL APPROVED DATE:</b> | 5/21/2009 | <b>I.D. LOCATION:</b>     | 18        |
| <b>RELATED CIP PROJECTS:</b>   |           | <b>PRIORITY:</b>          | 1         |
|                                |           | <b>BUDGET AMOUNT:</b>     | \$420,000 |

**DESCRIPTION OF PROJECT:**

This project provides funds to replace approximately 600 feet of existing 8-inch ABS sewer main in Calavo Drive.

**JUSTIFICATION OF PROJECT:**

The existing sewer main is under sized and the capacity must be increased and has debris deposit problems.

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$50                | \$360       | \$10        |             |             |             |             | \$420        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: S2020**

**PROJECT SCHEDULE:**

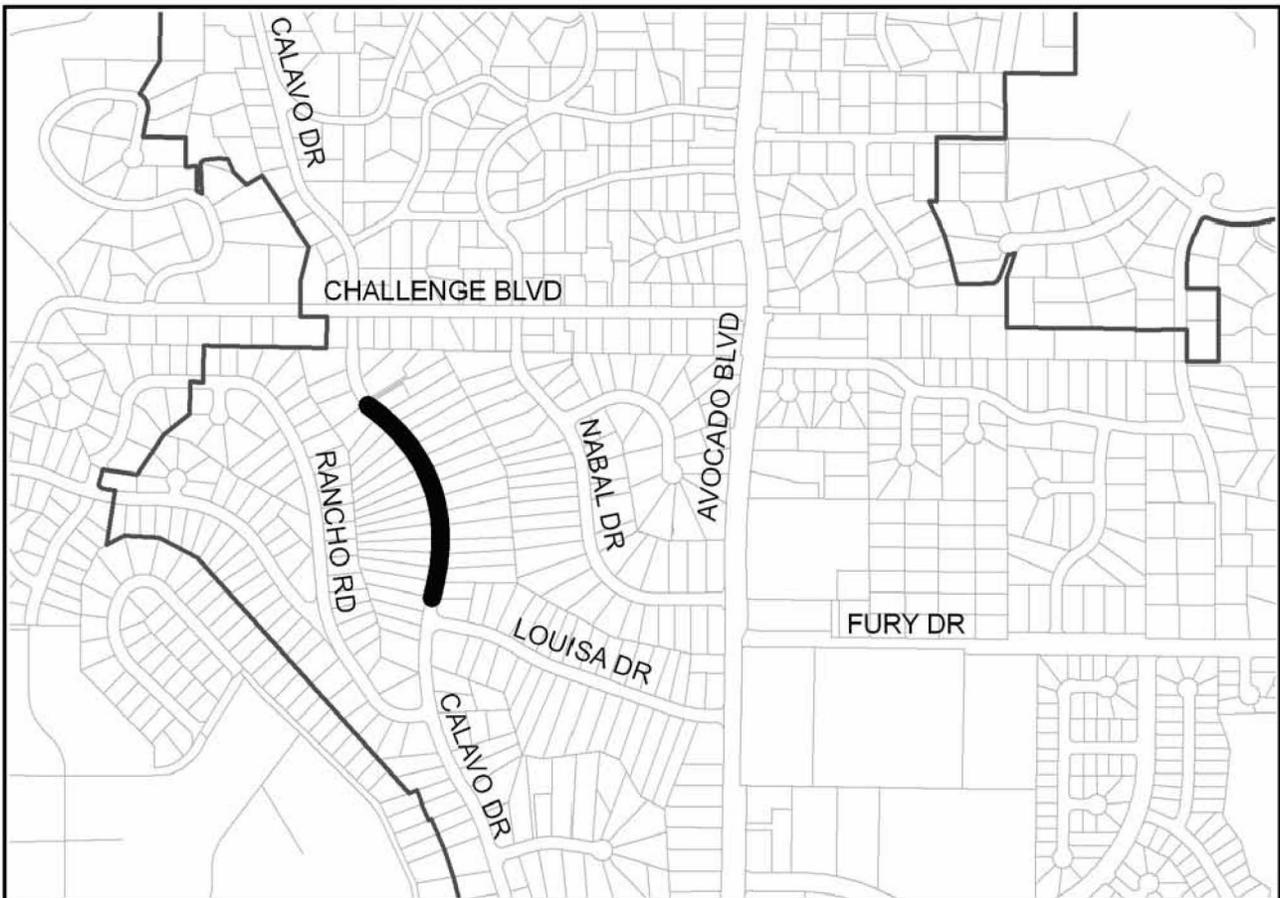
| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/09                            | 02/10                             | \$14                                   |
| <b>DESIGN:</b>        | 03/10                            | 09/10                             | \$40                                   |
| <b>CONSTRUCTION:</b>  | 10/10                            | 06/12                             | \$366                                  |

**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> |
|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | \$0.00       |

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

**OWD Map Book: 342**



**Submitted By:** Daniel Kay

**Date:** 02/02/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: S2021**

**PROJECT TITLE:** Jamacha Road 8-Inch Sewer Main Replacement

|  |                                 |
|--|---------------------------------|
| <b>PROJECT MANAGER:</b> Kay              | <b>DIRECTOR DIVISION:</b> 5     |
| <b>ORIGINAL APPROVED DATE:</b> 5/21/2009 | <b>I.D. LOCATION:</b> 18        |
| <b>RELATED CIP PROJECTS:</b>             | <b>PRIORITY:</b> 1              |
|  | <b>BUDGET AMOUNT:</b> \$160,000 |

**DESCRIPTION OF PROJECT:**

This project provides funds to replace approximately 335 feet of existing 8-inch PVC sewer main in Jamacha Road.

**JUSTIFICATION OF PROJECT:**

The existing sewer main is under sized and the capacity must be increased and has debris deposit problems.

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$115               | \$40        | \$5         |             |             |             |             | \$160        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: S2021**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/09                            | 02/10                             | \$6                                    |
| <b>DESIGN:</b>        | 03/10                            | 09/10                             | \$40                                   |
| <b>CONSTRUCTION:</b>  | 10/10                            | 06/12                             | \$114                                  |

**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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>\$0.00</b> |

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

**OWD Map Book: 368**



**Submitted By:** Daniel Kay

**Date:** 02/02/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: S2022**

**PROJECT TITLE:** Hidden Mesa Drive 8-Inch Sewer Main Rehabilitation

|  |                                 |
|--|---------------------------------|
| <b>PROJECT MANAGER:</b> Kay              | <b>DIRECTOR DIVISION:</b> 5     |
| <b>ORIGINAL APPROVED DATE:</b> 5/21/2009 | <b>I.D. LOCATION:</b> 18        |
| <b>RELATED CIP PROJECTS:</b>             | <b>PRIORITY:</b> 1              |
|  | <b>BUDGET AMOUNT:</b> \$150,000 |

**DESCRIPTION OF PROJECT:**

This project provides funds to replace approximately 315 feet of existing 8-inch VCP sewer main in Hidden Mesa Drive.

**JUSTIFICATION OF PROJECT:**

The existing sewer main is under sized and the capacity must be increased and has debris deposit problems.

**COMMENTS:**

**FUND DETAIL:**

| FUNDING SOURCE: | Expansion | Betterment | Replacement | Total |
|-----------------|-----------|------------|-------------|-------|
| Sewer           |           | 100%       |             | 100%  |
| <b>TOTAL:</b>   |           | 100%       |             | 100%  |

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

| PRIOR YEARS: | FY    | FY   | FY   | FY   | FY   | FY   |       |
|--------------|-------|------|------|------|------|------|-------|
| TOTAL        | 2011  | 2012 | 2013 | 2014 | 2015 | 2016 | TOTAL |
| \$25         | \$120 | \$5  |      |      |      |      | \$150 |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: S2022**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/09                            | 02/10                             | \$2                                    |
| <b>DESIGN:</b>        | 03/10                            | 09/10                             | \$40                                   |
| <b>CONSTRUCTION:</b>  | 10/10                            | 06/12                             | \$108                                  |

**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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>\$0.00</b> |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1272**

**OWD Map Book: 368**



**Submitted By:** Daniel Kay

**Date:** 02/02/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: S2023**

**PROJECT TITLE:** Calavo Drive Sewer Main Utility Relocation

|  |                                |
|--|--------------------------------|
| <b>PROJECT MANAGER:</b> Kay              | <b>DIRECTOR DIVISION:</b> 5    |
| <b>ORIGINAL APPROVED DATE:</b> 5/21/2009 | <b>I.D. LOCATION:</b> 14       |
| <b>RELATED CIP PROJECTS:</b>             | <b>PRIORITY:</b> 1             |
|  | <b>BUDGET AMOUNT:</b> \$65,000 |

**DESCRIPTION OF PROJECT:**

This project provides funds to replace approximately 230 feet of existing 8-inch ABS sewer main in Calavo Drive.

**JUSTIFICATION OF PROJECT:**

The County of San Diego plans to install a new storm drain culvert that conflicts with the existing sewer main. The County of San Diego has prior and superior rights thus Otay WD will be responsible for the cost to replace the sewer main.

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$15                | \$50        |             |             |             |             |             | \$65         |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: S2023**

**PROJECT SCHEDULE:**

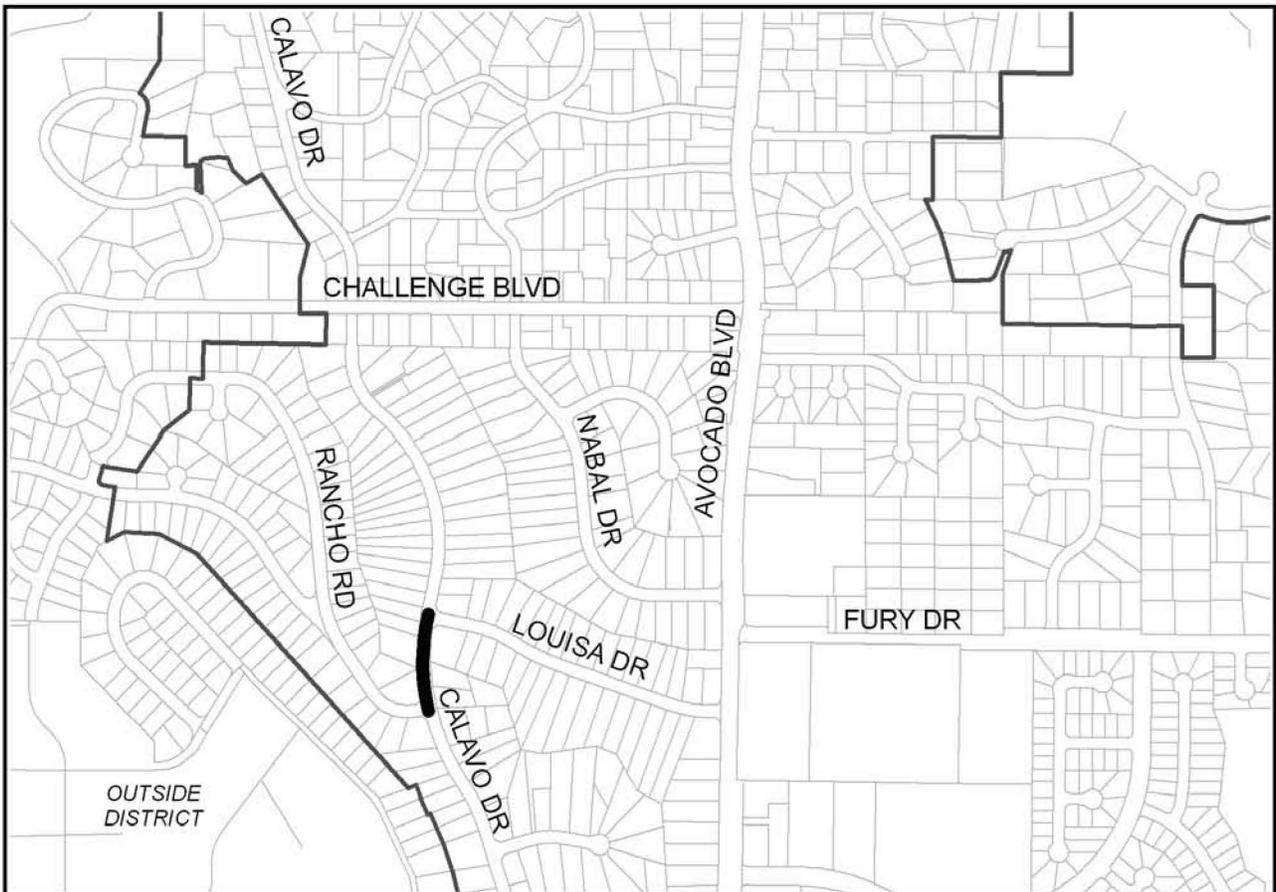
| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/09                            | 09/09                             | \$2                                    |
| <b>DESIGN:</b>        | 10/09                            | 01/10                             | \$30                                   |
| <b>CONSTRUCTION:</b>  | 02/10                            | 06/11                             | \$33                                   |

**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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>\$0.00</b> |

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

**OWD Map Book: 342**



**Submitted By:** Daniel Kay

**Date:** 02/02/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: S2024**

**PROJECT TITLE:** Campo Road Sewer Main Replacement

|                                 |                                   |
|---------------------------------|-----------------------------------|
| <b>PROJECT MANAGER:</b> Kennedy | <b>DIRECTOR DIVISION:</b> 3       |
| <b>ORIGINAL APPROVED DATE:</b>  | <b>I.D. LOCATION:</b> 18          |
| <b>RELATED CIP PROJECTS:</b>    | <b>PRIORITY:</b> 2                |
|                                 | <b>BUDGET AMOUNT:</b> \$3,250,000 |

**DESCRIPTION OF PROJECT:**

This project provides funds to upgrade the sewer main capacity of approximately 8,500 feet of existing 10-inch PVC sewer main in Camp Road and adjacent open space.

**JUSTIFICATION OF PROJECT:**

The existing sewer main is under sized and must be replaced to increase capacity. Portions of the sewer main are located in areas of sensitive habitat making it difficult to access for maintenance.

**COMMENTS:**

**FUND 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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|                     | \$75        | \$150       | \$250       | \$1,500     | \$1,250     | \$25        | \$3,250      |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: S2024**

**PROJECT SCHEDULE:**

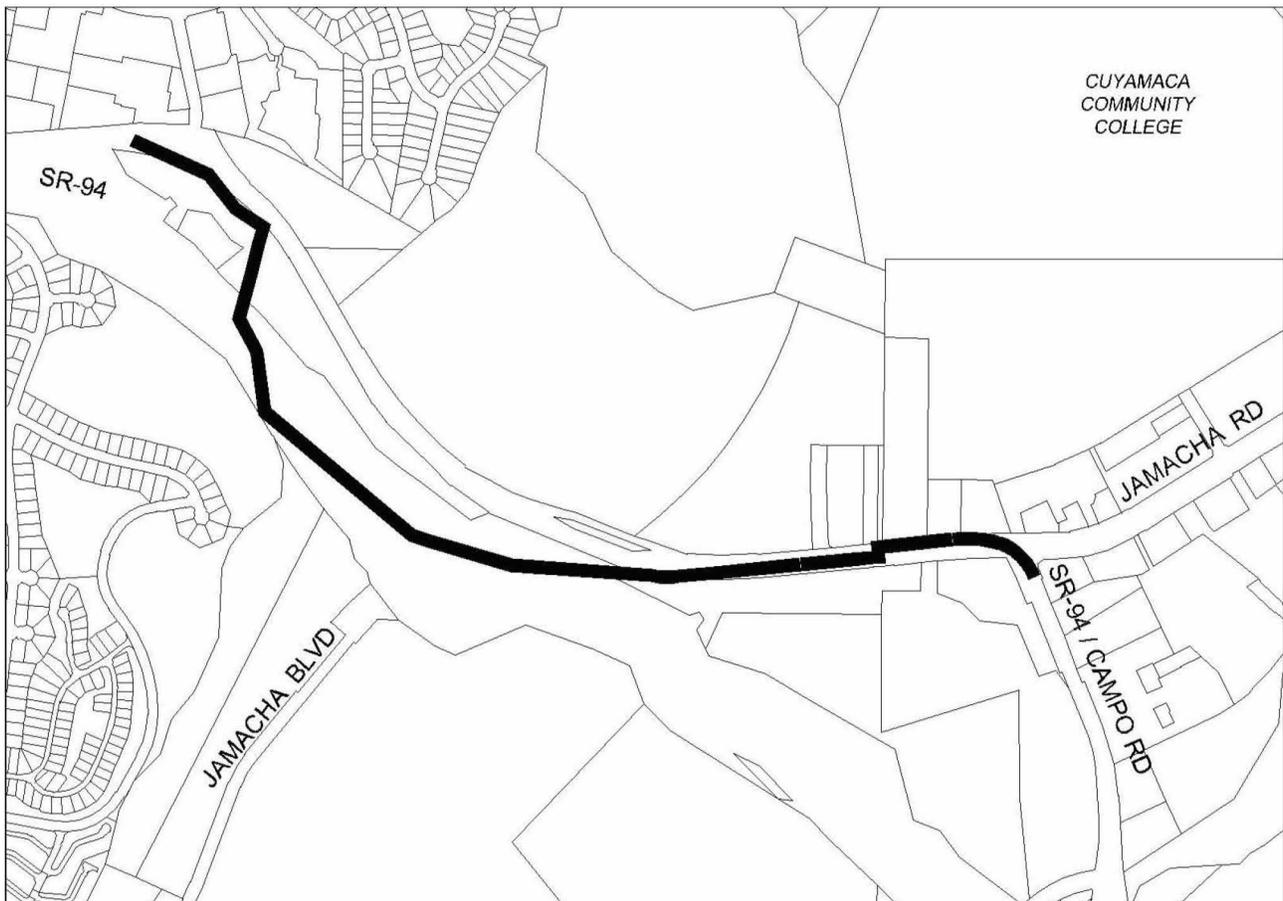
| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/10                            | 12/10                             | \$80                                   |
| <b>DESIGN:</b>        | 01/11                            | 01/12                             | \$450                                  |
| <b>CONSTRUCTION:</b>  | 02/12                            | 06/16                             | \$2,720                                |

**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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>\$0.00</b> |

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

**OWD Map Book: 330**



**Submitted By: Bob Kennedy**

**Date: 02/19/2010**

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: S2025**

**PROJECT TITLE:** Wieghorst Way Sewer Main Replacement

|                                 |                                 |
|---------------------------------|---------------------------------|
| <b>PROJECT MANAGER:</b> Kennedy | <b>DIRECTOR DIVISION:</b> 5     |
| <b>ORIGINAL APPROVED DATE:</b>  | <b>I.D. LOCATION:</b> 18        |
| <b>RELATED CIP PROJECTS:</b>    | <b>PRIORITY:</b> 2              |
|                                 | <b>BUDGET AMOUNT:</b> \$175,000 |

**DESCRIPTION OF PROJECT:**

This project provides funds to replace approximately 445 feet of existing 10-inch PVC sewer main in Weighorst Way.

**JUSTIFICATION OF PROJECT:**

The existing sewer main is under sized and the capacity must be increased and has debris deposit problems at the sag portions of the existing main.

**COMMENTS:**

**FUND DETAIL:**

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

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

| PRIOR YEARS: | FY   | FY   | FY    | FY   | FY   | FY   |       |
|--------------|------|------|-------|------|------|------|-------|
| TOTAL        | 2011 | 2012 | 2013  | 2014 | 2015 | 2016 | TOTAL |
|              | \$25 | \$25 | \$125 |      |      |      | \$175 |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: S2025**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/10                            | 02/11                             | \$2                                    |
| <b>DESIGN:</b>        | 03/11                            | 09/11                             | \$40                                   |
| <b>CONSTRUCTION:</b>  | 10/11                            | 06/13                             | \$133                                  |

**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> |
|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | \$0.00       |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1271**

**OWD Map Book: 343**



**Submitted By:** Bob Kennedy

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2282**

**PROJECT TITLE:** Vehicle Capital Purchases

|                                |          |                           |               |
|--------------------------------|----------|---------------------------|---------------|
| <b>PROJECT MANAGER:</b>        | Rahders  | <b>DIRECTOR DIVISION:</b> | District Wide |
| <b>ORIGINAL APPROVED DATE:</b> | 6/3/1996 | <b>I.D. LOCATION:</b>     | District Wide |
| <b>RELATED CIP PROJECTS:</b>   |          | <b>PRIORITY:</b>          | 1             |
|                                |          | <b>BUDGET AMOUNT:</b>     | \$4,945,000   |

**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:**

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$2,000             | \$540       | \$470       | \$640       | \$450       | \$445       | \$400       | \$4,945      |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2282**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 12/00                            | 06/16                             | \$4,945                                |
| <b>DESIGN:</b>        |                                  |                                   |  |
| <b>CONSTRUCTION:</b>  |                                  |                                   |  |

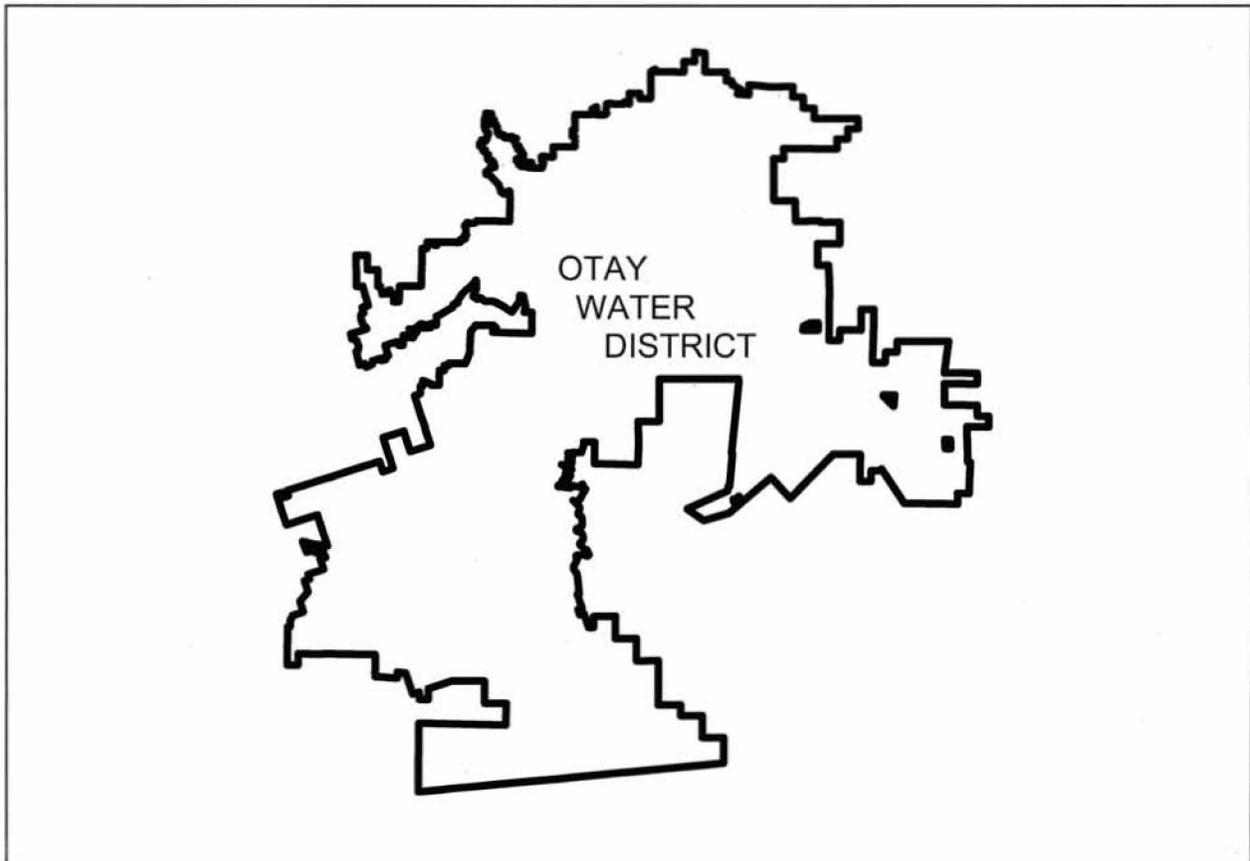
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   |              |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|             |             |             |             |             |             | \$0.00       |

**PROJECT LOCATION:**

**Thomas Bros. Map:**

**OWD Map Book:**



**Submitted By:** Doug Rahders

**Date:** 02/26/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2286**

**PROJECT TITLE:** Field Equipment Capital Purchases

|   |   |
|---|---|
| <b>PROJECT MANAGER:</b> Rahders         | <b>DIRECTOR DIVISION:</b> District Wide |
| <b>ORIGINAL APPROVED DATE:</b> 6/3/1996 | <b>I.D. LOCATION:</b> District Wide     |
| <b>RELATED CIP PROJECTS:</b>            | <b>PRIORITY:</b> 1                      |
|   | <b>BUDGET AMOUNT:</b> \$1,527,000       |

**DESCRIPTION OF PROJECT:**

This project provides funding for capital purchase of various pieces of field equipment used for daily Otay WD functions.

**JUSTIFICATION OF PROJECT:**

Replacements or new acquisitions of field equipment will be used for operational functions throughout the entire Otay WD.

**COMMENTS:**

**FUND DETAIL:**

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

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

| PRIOR YEARS: | FY    | FY    | FY    | FY    | FY    | FY    |         |
|--------------|-------|-------|-------|-------|-------|-------|---------|
| TOTAL        | 2011  | 2012  | 2013  | 2014  | 2015  | 2016  | TOTAL   |
| \$826        | \$201 | \$100 | \$100 | \$100 | \$100 | \$100 | \$1,527 |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2286**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 12/00                            | 06/16                             | \$1,527                                |
| <b>DESIGN:</b>        |                                  |                                   |  |
| <b>CONSTRUCTION:</b>  |                                  |                                   |  |

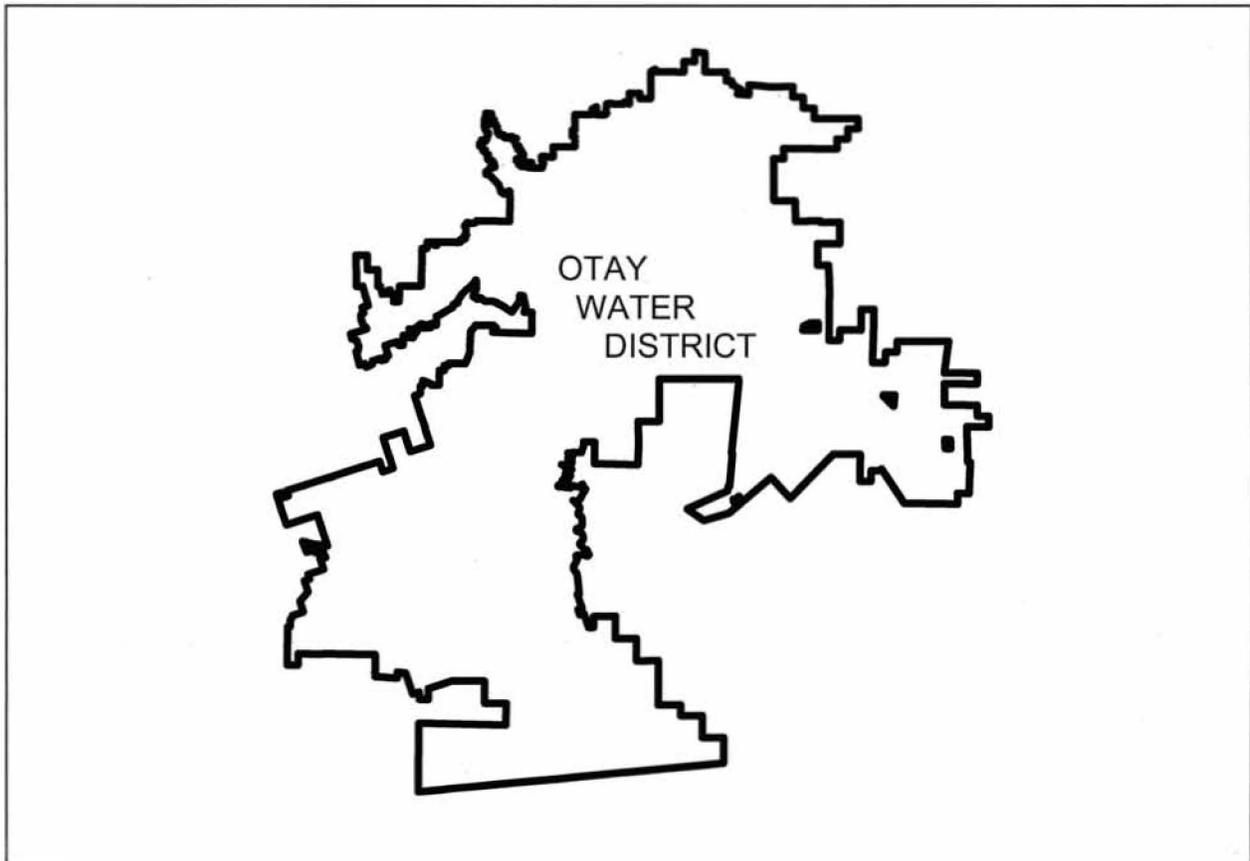
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   |              |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|             |             |             |             |             |             | \$0.00       |

**PROJECT LOCATION:**

**Thomas Bros. Map:**

**OWD Map Book:**



**Submitted By:** Doug Rahders

**Date:** 02/26/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2443**

**PROJECT TITLE:** Information Technology Mobile Services

|                                |           |                           |               |
|--------------------------------|-----------|---------------------------|---------------|
| <b>PROJECT MANAGER:</b>        | Jenkins   | <b>DIRECTOR DIVISION:</b> | District Wide |
| <b>ORIGINAL APPROVED DATE:</b> | 5/23/2005 | <b>I.D. LOCATION:</b>     | District Wide |
| <b>RELATED CIP PROJECTS:</b>   |           | <b>PRIORITY:</b>          | 1             |
|                                |           | <b>BUDGET AMOUNT:</b>     | \$1,552,000   |

**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:**

General Fund at 40% expansion and 60% replacement.

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$1,052             | \$250       | \$150       | \$100       |             |             |             | \$1,552      |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2443**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/05                            | 06/13                             | \$1,552                                |
| <b>DESIGN:</b>        |                                  |                                   |  |
| <b>CONSTRUCTION:</b>  |                                  |                                   |  |

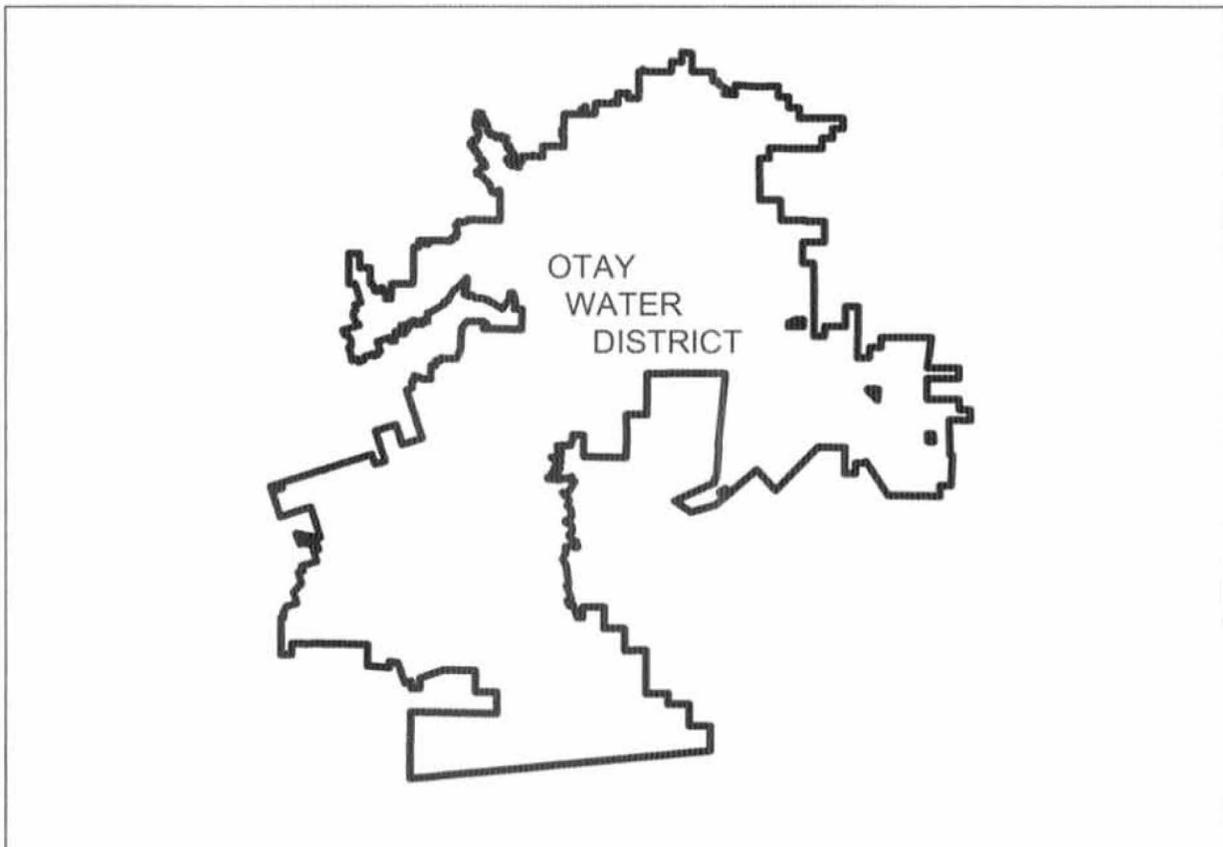
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b></b>      |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|             |             |             | \$18,000    | \$18,500    | \$19,100    | \$55,600     |

**PROJECT LOCATION:**

**Thomas Bros. Map:**

**OWD Map Book:**



**Submitted By:** Bill Jenkins

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2461**

**PROJECT TITLE:** Records Management System Upgrade

|  |   |
|--|---|
| <b>PROJECT MANAGER:</b> Stevens          | <b>DIRECTOR DIVISION:</b> District Wide |
| <b>ORIGINAL APPROVED DATE:</b> 5/29/2007 | <b>I.D. LOCATION:</b> District Wide     |
| <b>RELATED CIP PROJECTS:</b>             | <b>PRIORITY:</b> 1                      |
|  | <b>BUDGET AMOUNT:</b> \$406,000         |

**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. This includes software licenses , software, and implementation costs for the enterprise records software.

**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:**

General Fund at 40% expansion and 60% replacement.

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$256               | \$150       |             |             |             |             |             | \$406        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2461**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/07                            | 06/11                             | \$406                                  |
| <b>DESIGN:</b>        |                                  |                                   |  |
| <b>CONSTRUCTION:</b>  |                                  |                                   |  |

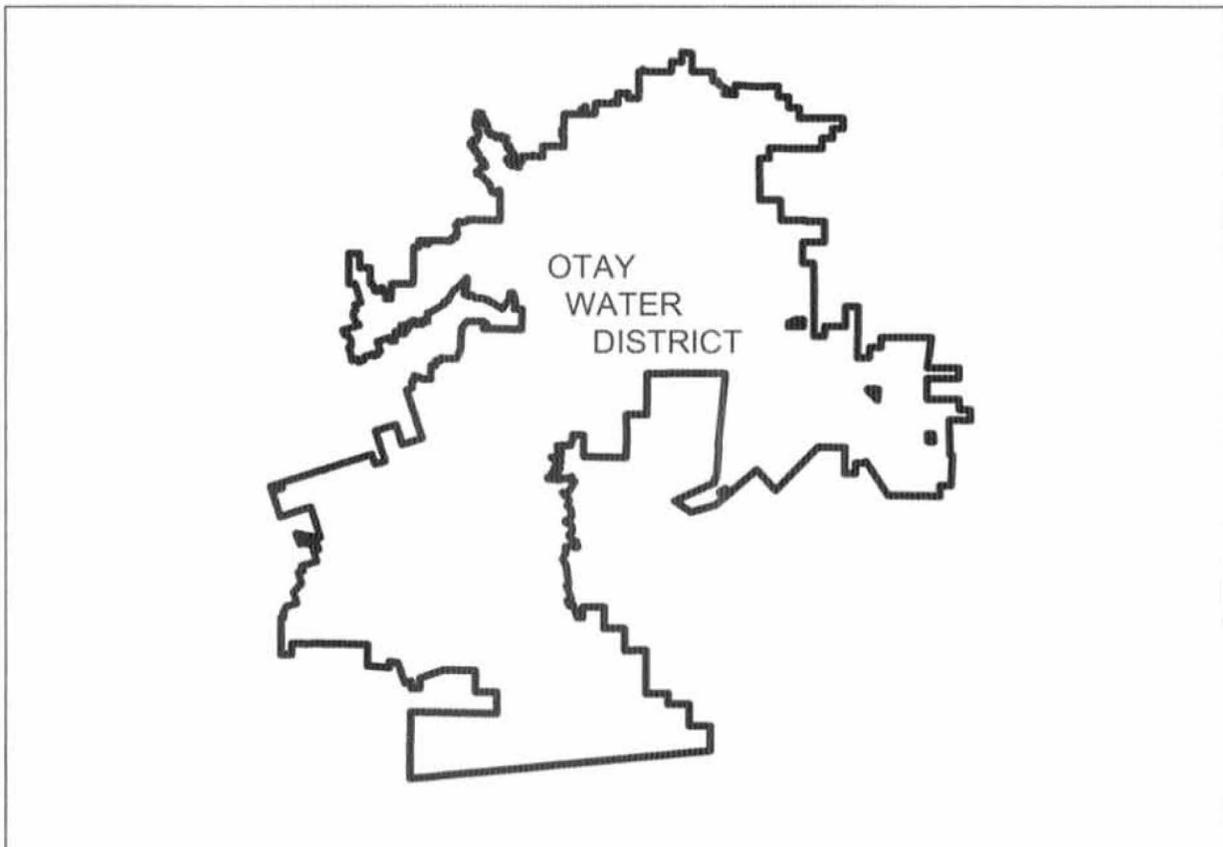
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   |              |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|             |             |             |             |             |             | \$0.00       |

**PROJECT LOCATION:**

**Thomas Bros. Map:**

**OWD Map Book:**



**Submitted By:** Geoff Stevens

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2469**

**PROJECT TITLE:** Information Technology Network and Hardware

|  |   |
|--|---|
| <b>PROJECT MANAGER:</b> Jenkins          | <b>DIRECTOR DIVISION:</b> District Wide |
| <b>ORIGINAL APPROVED DATE:</b> 6/23/2008 | <b>I.D. LOCATION:</b> District Wide     |
| <b>RELATED CIP PROJECTS:</b>             | <b>PRIORITY:</b> 1                      |
|  | <b>BUDGET AMOUNT:</b> \$1,921,000       |

**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:**

General Fund at 40% expansion and 60% replacement.

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$571               | \$300       | \$300       | \$300       | \$250       | \$200       |             | \$1,921      |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2469**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/08                            | 06/15                             | \$1,921                                |
| <b>DESIGN:</b>        |                                  |                                   |  |
| <b>CONSTRUCTION:</b>  |                                  |                                   |  |

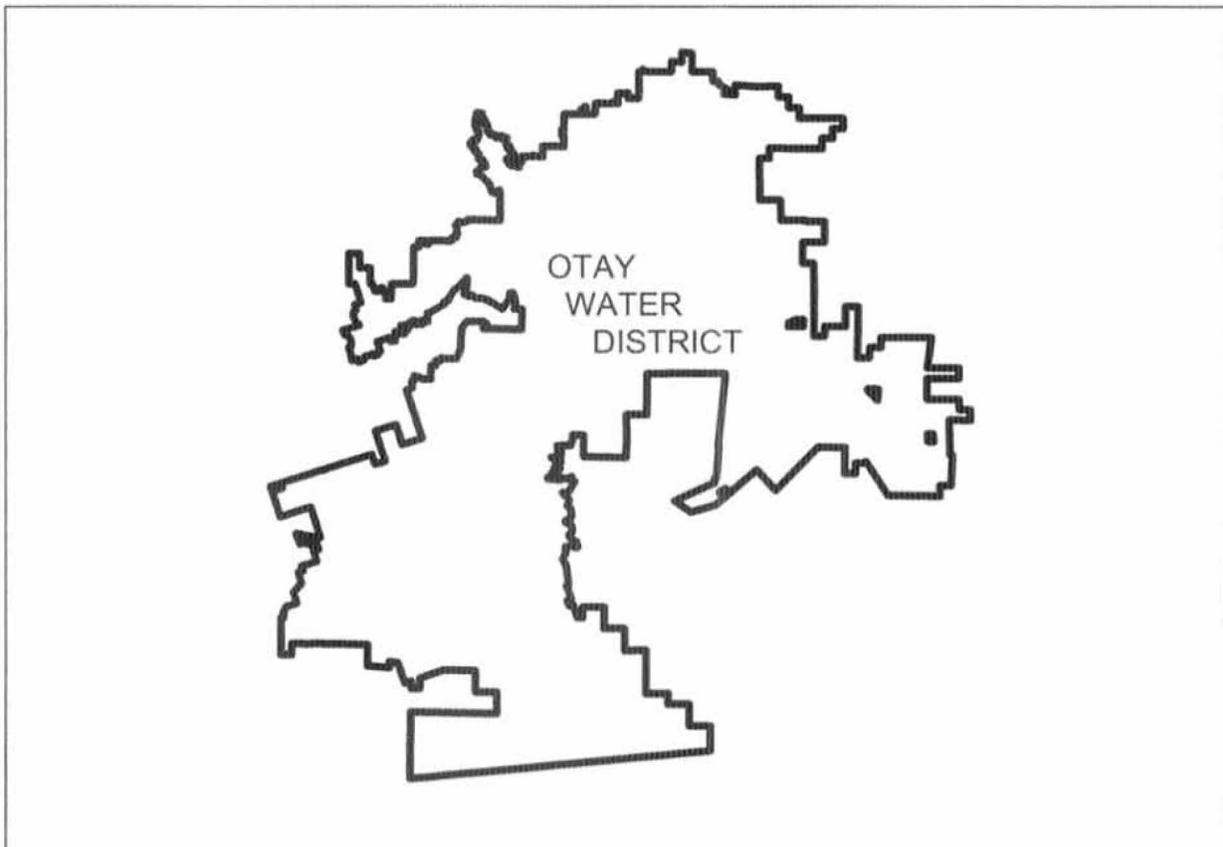
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>FY</b> | <b>TOTAL</b> |
|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | \$0.00       |

**PROJECT LOCATION:**

**Thomas Bros. Map:**

**OWD Map Book:**



**Submitted By:** Bill Jenkins

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2470**

**PROJECT TITLE:** Application Systems Development and Integration

|  |   |
|--|---|
| <b>PROJECT MANAGER:</b> Stevens          | <b>DIRECTOR DIVISION:</b> District Wide |
| <b>ORIGINAL APPROVED DATE:</b> 6/23/2008 | <b>I.D. LOCATION:</b> District Wide     |
| <b>RELATED CIP PROJECTS:</b>             | <b>PRIORITY:</b> 1                      |
|  | <b>BUDGET AMOUNT:</b> \$2,218,000       |

**DESCRIPTION OF PROJECT:**

This project is for to develop enhancements and new integration functionality for Eden, GIS, IMS, and related core application systems.

**JUSTIFICATION OF PROJECT:**

New business processes and enhanced capabilities require current systems to be modified to achieve required integration.

**COMMENTS:**

General Fund at 40% expansion and 60% replacement.

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$810               | \$408       | \$200       | \$200       | \$200       | \$200       | \$200       | \$2,218      |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2470**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/08                            | 06/16                             | \$2,218                                |
| <b>DESIGN:</b>        |                                  |                                   |  |
| <b>CONSTRUCTION:</b>  |                                  |                                   |  |

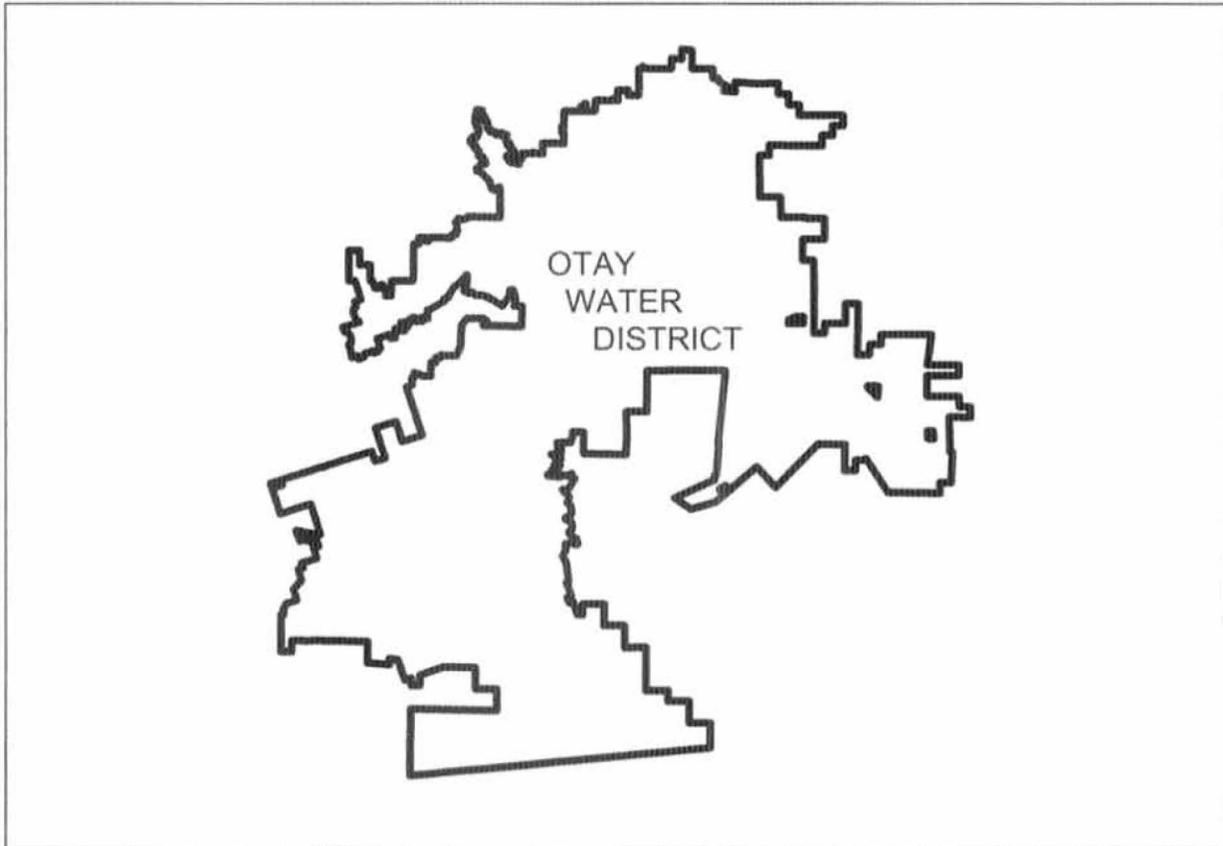
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   |              |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|             |             |             |             |             |             | \$0.00       |

**PROJECT LOCATION:**

**Thomas Bros. Map:**

**OWD Map Book:**



**Submitted By:** Geoff Stevens

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2501**

**PROJECT TITLE:** Telecommunications Equipment Upgrade

|                                |         |                           |               |
|--------------------------------|---------|---------------------------|---------------|
| <b>PROJECT MANAGER:</b>        | Jenkins | <b>DIRECTOR DIVISION:</b> | District Wide |
| <b>ORIGINAL APPROVED DATE:</b> |         | <b>I.D. LOCATION:</b>     | District Wide |
| <b>RELATED CIP PROJECTS:</b>   |         | <b>PRIORITY:</b>          | 1             |
|                                |         | <b>BUDGET AMOUNT:</b>     | \$400,000     |

**DESCRIPTION OF PROJECT:**

This project is to replace the existing PBX telecommunication infrastructure.

**JUSTIFICATION OF PROJECT:**

The current PBX system is at the end of its useful life, is no longer supported by the manufacturer, and current support level is not adequate, which could present some risk to the District. It is necessary to improve and revise the telecommunications services to enhance customer service related applications.

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|                     | \$400       |             |             |             |             |             | \$400        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2501**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/10                            | 06/11                             | \$400                                  |
| <b>DESIGN:</b>        |                                  |                                   |  |
| <b>CONSTRUCTION:</b>  |                                  |                                   |  |

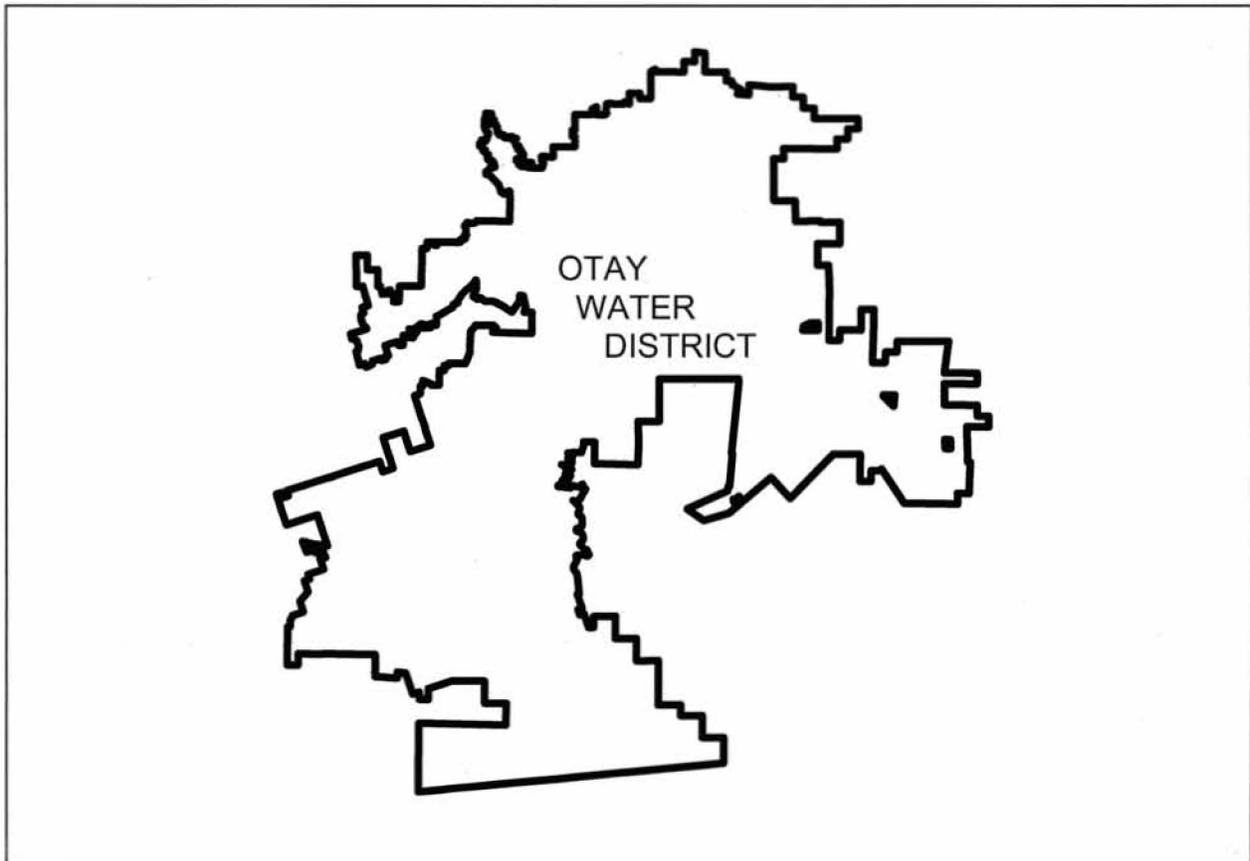
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   |              |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|             |             |             |             |             |             | \$0.00       |

**PROJECT LOCATION:**

**Thomas Bros. Map:**

**OWD Map Book:**



**Submitted By:** Bill Jenkins

**Date:** 02/19/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2325**

**PROJECT TITLE:** PL - 10" to 12" Oversize, 1296 Zone, PB Road - Rolling Hills Hydro PS/PB Bndy

|                                |          |                           |          |
|--------------------------------|----------|---------------------------|----------|
| <b>PROJECT MANAGER:</b>        | Charles  | <b>DIRECTOR DIVISION:</b> | 4        |
| <b>ORIGINAL APPROVED DATE:</b> | 6/7/2000 | <b>I.D. LOCATION:</b>     | 22       |
| <b>RELATED CIP PROJECTS:</b>   |          | <b>PRIORITY:</b>          | 2        |
|                                |          | <b>BUDGET AMOUNT:</b>     | \$50,000 |

**DESCRIPTION OF PROJECT:**

Construction of approximately 6,900 feet of 12-inch pipeline within the 1296 Pressure Zone from the Rolling Hills Hydropneumatic Pump Station to the future 1296 Reservoir. A portion of the project will be constructed by the developer and is subject to reimbursement at actual cost for the oversize portion per Board policy.

**JUSTIFICATION OF PROJECT:**

This project will provide transmission capacity for development of Rolling Hills Ranch, Bello Lago, and possible future adjacent areas within the Rolling Hills Hydropneumatic Pressure Zone.

**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 \$1,000):**

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|                     | \$1         | \$49        |             |             |             |             | \$50         |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: P2325**

**PROJECT SCHEDULE:**

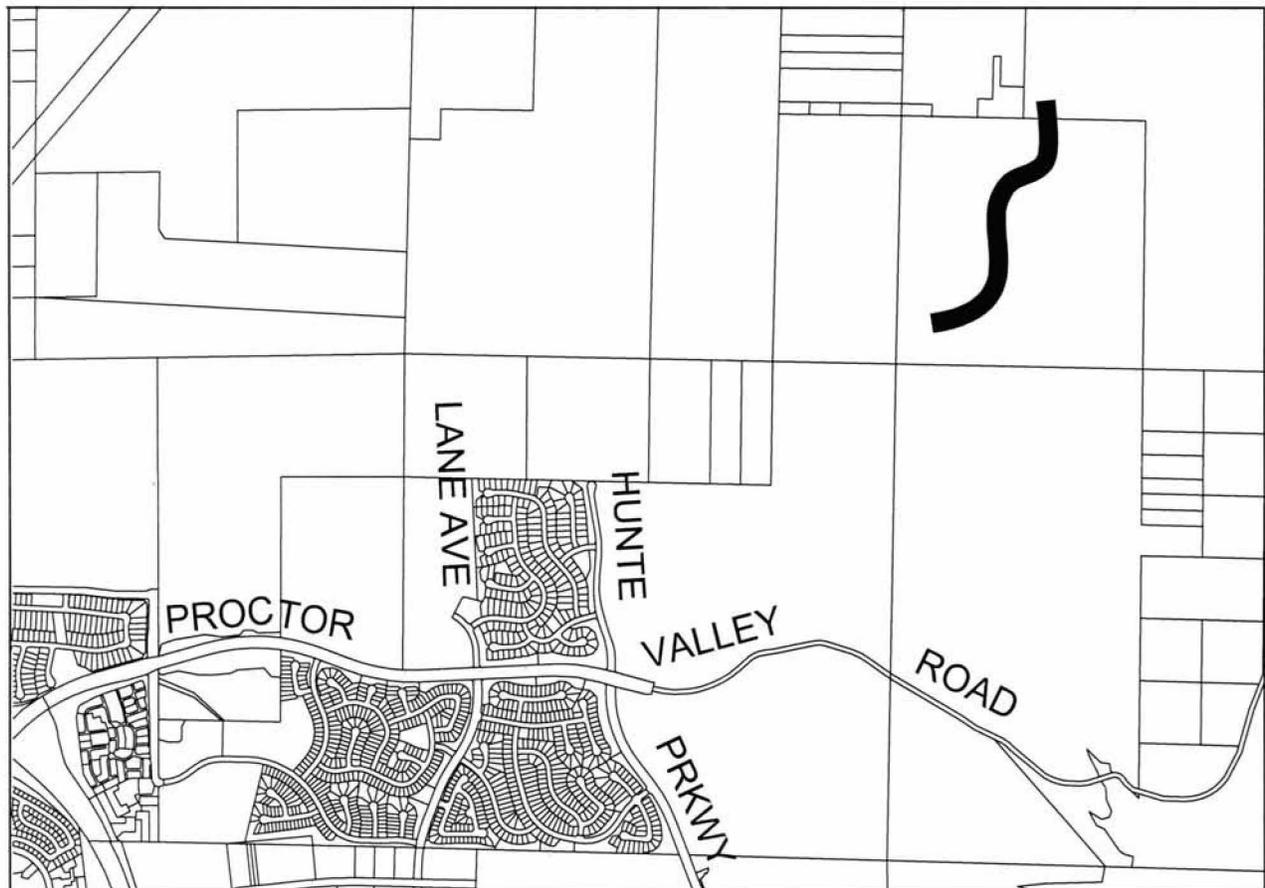
| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/04                            | 08/04                             | \$2                                    |
| <b>DESIGN:</b>        | 09/04                            | 12/04                             | \$6                                    |
| <b>CONSTRUCTION:</b>  | 01/10                            | 06/12                             | \$42                                   |

**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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             |             | \$2,300     | \$2,400     | \$2,500     | \$2,600     | \$9,800      |

**PROJECT LOCATION: Thomas Bros. Map: 1311**

**OWD Map Book: 160**



**Submitted By:** David Charles

**Date:** 02/25/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2082**

**PROJECT TITLE:** RecPL - 24-Inch, 680 Zone, Olympic Parkway - Village 2/Heritage

|   |                                   |
|---|-----------------------------------|
| <b>PROJECT MANAGER:</b> Charles         | <b>DIRECTOR DIVISION:</b> 1       |
| <b>ORIGINAL APPROVED DATE:</b> 6/2/2004 | <b>I.D. LOCATION:</b> 22          |
| <b>RELATED CIP PROJECTS:</b> R2083      | <b>PRIORITY:</b> 2                |
|   | <b>BUDGET AMOUNT:</b> \$1,747,000 |

**DESCRIPTION OF PROJECT:**

Construction of approximately 3,500 feet of 24-inch pipeline within the 680 Pressure Zone in Olympic Parkway through Village 2 to Heritage 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 the recycled water supply pumped from the 680-1 Pump Station to the 680 and higher pressure zones. Significant energy savings will occur due to lower total dynamic head requirements for the 680-1 Pump Station.

**COMMENTS:**

Funding opportunity is the United States Bureau of Reclamation Water Reclamation and Reuse Program, Title XVI of P.L. 102-575.

**FUND DETAIL:**

| <b>FUNDING SOURCE:</b> | <b>Expansion</b> | <b>Betterment</b> | <b>Replacement</b> | <b>Total</b> |
|------------------------|------------------|-------------------|--------------------|--------------|
| Recycled               | 100%             |                   |                    | 100%         |
| <b>TOTAL:</b>          | 100%             |                   |                    | 100%         |

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

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$1                 | \$5         | \$795       | \$946       |             |             |             | \$1,747      |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2082**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/04                            | 06/06                             | \$32                                   |
| <b>DESIGN:</b>        | 07/06                            | 12/06                             | \$88                                   |
| <b>CONSTRUCTION:</b>  | 07/11                            | 06/13                             | \$1,627                                |

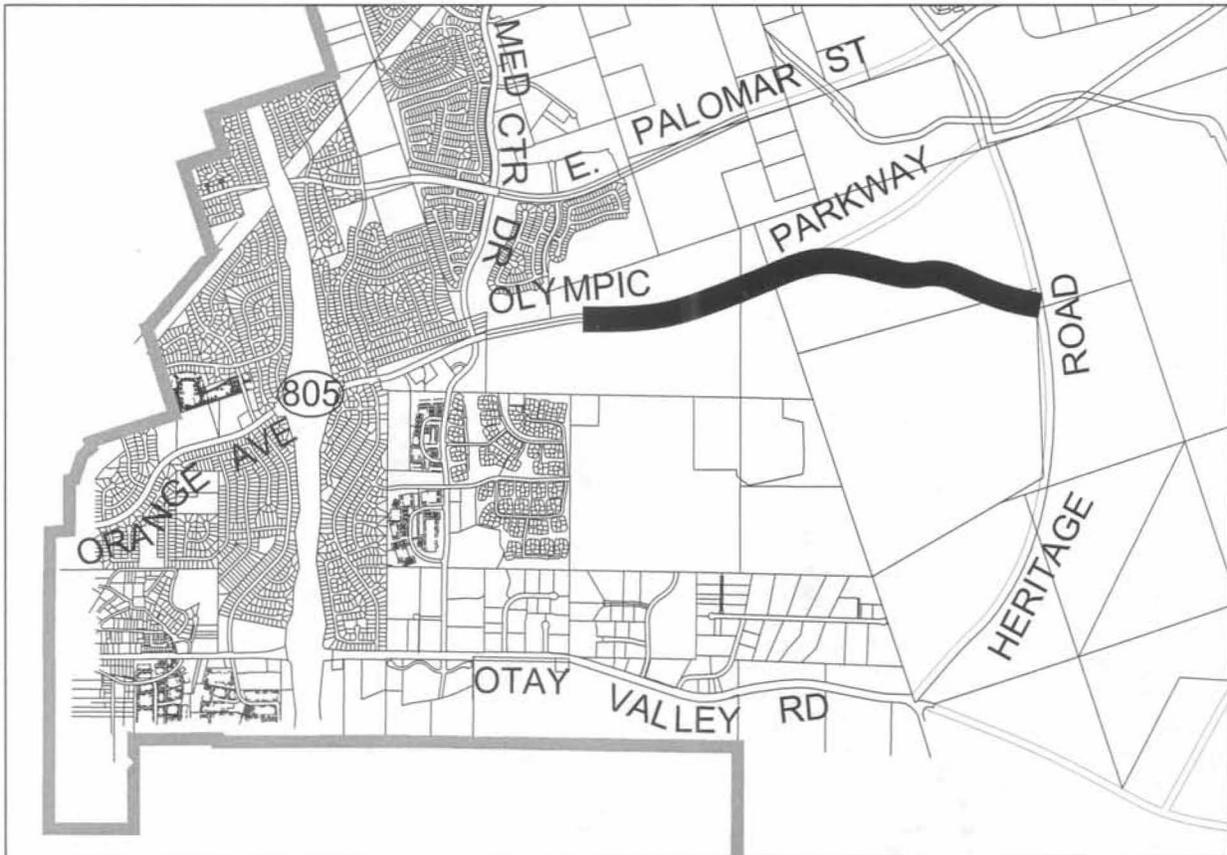
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>TOTAL</b> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             |             |             | \$1,200     | \$1,200     | \$1,200     | \$3,600      |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1331**

**OWD Map Book: 82**



**Submitted By:** David Charles

**Date:** 02/25/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2083**

**PROJECT TITLE:** RecPL - 20-Inch, 680 Zone, Heritage Road - Village 2/Olympic

|   |                                 |
|---|---------------------------------|
| <b>PROJECT MANAGER:</b> Charles           | <b>DIRECTOR DIVISION:</b> 1     |
| <b>ORIGINAL APPROVED DATE:</b> 6/2/2004   | <b>I.D. LOCATION:</b> 22        |
| <b>RELATED CIP PROJECTS:</b> R2082, R2084 | <b>PRIORITY:</b> 2              |
|   | <b>BUDGET AMOUNT:</b> \$400,000 |

**DESCRIPTION OF PROJECT:**

Construction of approximately 2,200 feet of 20-inch pipeline within the 680 Pressure Zone in Heritage Road through Village 2 to Olympic Parkway. This project will be constructed by developers and is subject to reimbursement at actual cost per Board policy.

**JUSTIFICATION OF PROJECT:**

This project will provide transmission capacity for the recycled water supply pumped from the 680-1 Pump Station to the 680 and higher pressure zones. Significant energy savings will occur due to lower total dynamic head requirements for the 680-1 Pump Station.

**COMMENTS:**

Funding opportunity is the United States Bureau of Reclamation Water Reclamation and Reuse Program, Title XVI of P.L. 102-575.

**FUND DETAIL:**

| <b>FUNDING SOURCE:</b> | <b>Expansion</b> | <b>Betterment</b> | <b>Replacement</b> | <b>Total</b> |
|------------------------|------------------|-------------------|--------------------|--------------|
| Recycled               | 100%             |                   |                    | 100%         |
| <b>TOTAL:</b>          | 100%             |                   |                    | 100%         |

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

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
|                     | \$5         | \$395       |             |             |             |             | \$400        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2083**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/04                            | 06/06                             | \$16                                   |
| <b>DESIGN:</b>        | 07/06                            | 12/06                             | \$44                                   |
| <b>CONSTRUCTION:</b>  | 07/11                            | 06/12                             | \$340                                  |

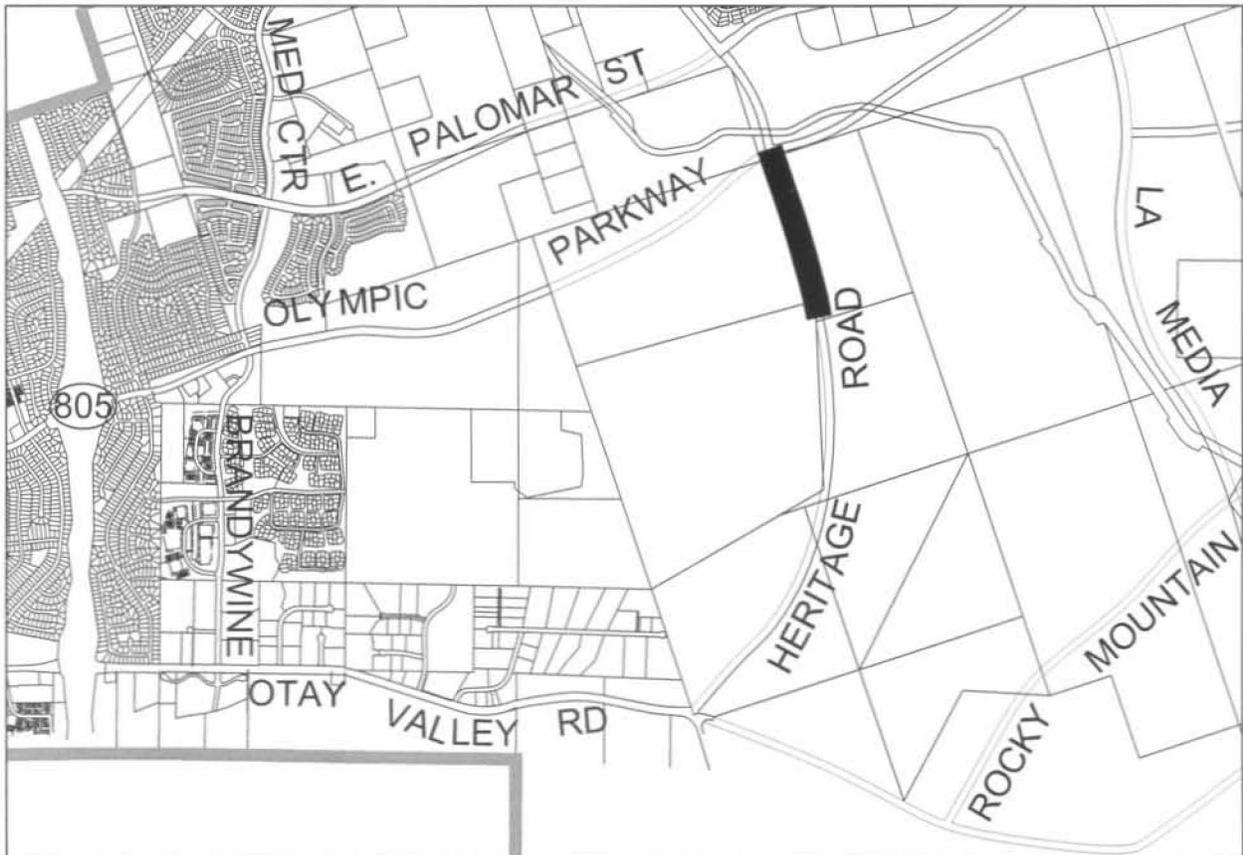
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>TOTAL</b> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             |             | \$700       | \$700       | \$700       | \$700       | \$2,800      |

**PROJECT LOCATION:**

**Thomas Bros. Map: 1331**

**OWD Map Book: 82**



**Submitted By:** David Charles

**Date:** 02/25/2010

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2084**

**PROJECT TITLE:** RecPL - 20-Inch, 680 Zone, Village 2 - Heritage/La Media

|   |                                 |
|---|---------------------------------|
| <b>PROJECT MANAGER:</b> Charles           | <b>DIRECTOR DIVISION:</b> 1     |
| <b>ORIGINAL APPROVED DATE:</b> 6/2/2004   | <b>I.D. LOCATION:</b> 22        |
| <b>RELATED CIP PROJECTS:</b> R2083, R2085 | <b>PRIORITY:</b> 3              |
|   | <b>BUDGET AMOUNT:</b> \$971,000 |

**DESCRIPTION OF PROJECT:**

Construction of approximately 5,700 feet of 20-inch pipeline within the 680 Pressure Zone in Village 2 from Heritage Road to La Media Road in two phases. This project will be constructed by developers and is subject to reimbursement at actual cost per Board policy.

**JUSTIFICATION OF PROJECT:**

This project will provide transmission capacity for the recycled water supply pumped from the 680-1 Pump Station to the 680 and higher pressure zones. Significant energy savings will occur due to lower total dynamic head requirements for the 680-1 Pump Station.

**COMMENTS:**

Funding opportunity is the United States Bureau of Reclamation Water Reclamation and Reuse Program, Title XVI of P.L. 102-575.

**FUND DETAIL:**

| <b>FUNDING SOURCE:</b> | <b>Expansion</b> | <b>Betterment</b> | <b>Replacement</b> | <b>Total</b> |
|------------------------|------------------|-------------------|--------------------|--------------|
| Recycled               | 100%             |                   |                    | 100%         |
| <b>TOTAL:</b>          | 100%             |                   |                    | 100%         |

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

| <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>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> | <b>TOTAL</b> |
| \$1                 | \$1         | \$75        | \$350       | \$544       |             |             | \$971        |

**OTAY WATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM**

**CIP Number: R2084**

**PROJECT SCHEDULE:**

| <b>PROJECT PHASE:</b> | <b>ESTIMATED<br/>START DATE:</b> | <b>ESTIMATED<br/>FINISH DATE:</b> | <b>ESTIMATED<br/>COST (X \$1,000):</b> |
|-----------------------|----------------------------------|-----------------------------------|--|
| <b>PLANNING:</b>      | 07/04                            | 06/06                             | \$17                                   |
| <b>DESIGN:</b>        | 07/06                            | 12/06                             | \$47                                   |
| <b>CONSTRUCTION:</b>  | 07/12                            | 06/14                             | \$907                                  |

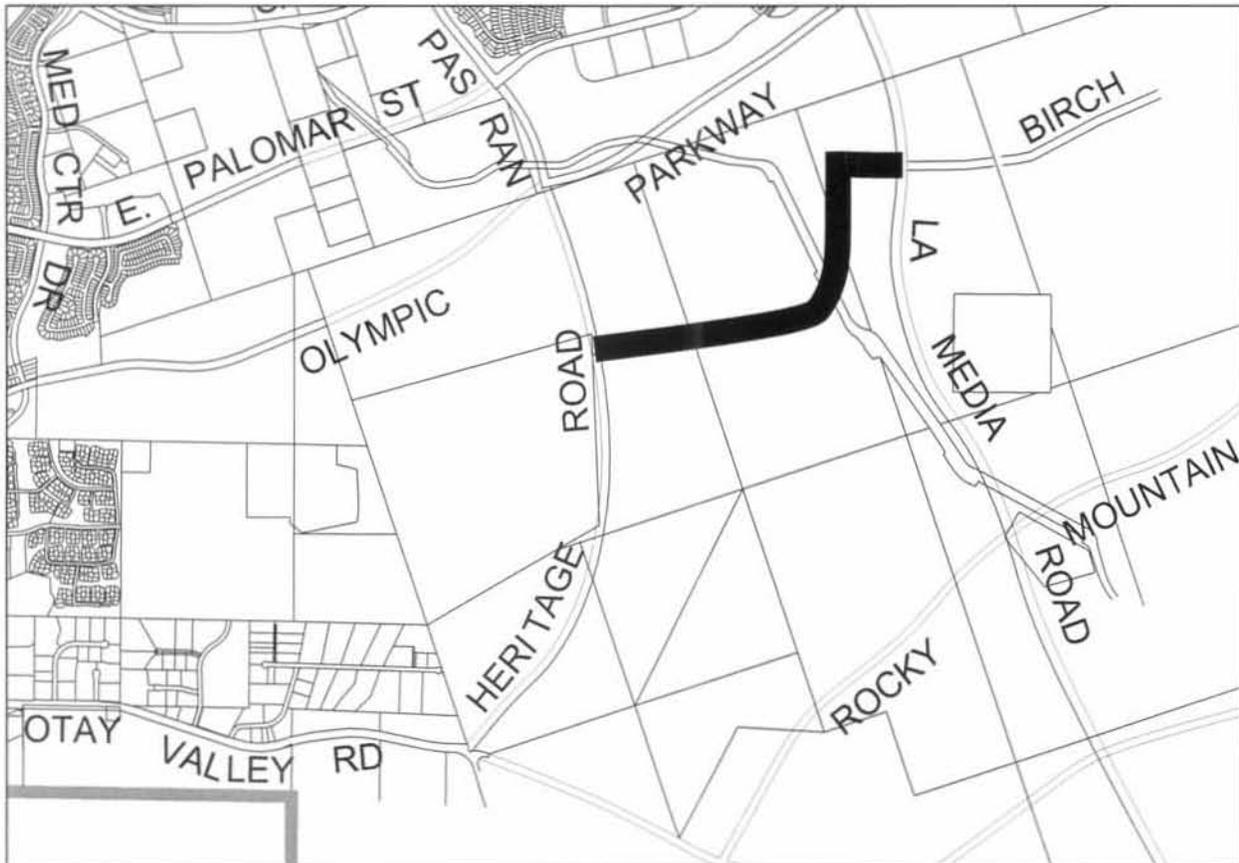
**PROJECTED INCREMENTAL OPERATING EXPENDITURES SCHEDULE (\$):**

| <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>FY</b>   | <b>TOTAL</b> |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |              |
|             |             |             |             | \$1,900     | \$2,000     | \$3,900      |

**PROJECT LOCATION:**

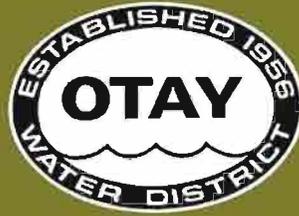
**Thomas Bros. Map: 1331**

**OWD Map Book: 82**



**Submitted By:** David Charles

**Date:** 02/25/2010



Otay Water District  
2554 Sweetwater Springs Blvd.  
Spring Valley, CA 91978-2004  
[www.otaywater.gov](http://www.otaywater.gov)