

CITY OF BEAVERTON, OREGON  
FISCAL YEAR 2010-11 BUDGET

**WATER CONSTRUCTION FUND (MAJOR FUND)  
SUMMARY OF REVENUES AND EXPENDITURES  
AND OTHER FINANCING SOURCES & USES**

|   | <u>FY 2007-08</u><br><u>Actual</u> | <u>FY 2008-09</u><br><u>Actual</u> | <u>FY 2009-10</u><br><u>Budgeted</u> | <u>FY 2009-10</u><br><u>Estimated</u> | <u>FY 2010-11</u><br><u>Adopted</u> |
|---|------------------------------------|------------------------------------|--------------------------------------|---------------------------------------|-------------------------------------|
| <b>Revenues:</b>                                  |                                    |                                    |                                      |                                       |                                     |
| System development charges                        | \$721,662                          | \$202,896                          | \$100,000                            | \$167,000                             | \$165,000                           |
| Intergovernmental revenue                         | 81,889                             | 0                                  | 200,000                              | 46,000                                | 430,000                             |
| Interest on investments                           | 324,660                            | 148,876                            | 30,000                               | 40,000                                | 11,250                              |
| Miscellaneous                                     | 30,000                             | 0                                  | 0                                    | 933                                   | 0                                   |
| Sub Total Revenues                                | <u>\$1,158,211</u>                 | <u>\$351,772</u>                   | <u>\$330,000</u>                     | <u>\$253,933</u>                      | <u>\$606,250</u>                    |
| <b>Expenditures:</b>                              |                                    |                                    |                                      |                                       |                                     |
| Personal services                                 |                                    |                                    |                                      |                                       |                                     |
| Materials & services                              |                                    |                                    |                                      |                                       |                                     |
| Capital outlay                                    | <u>\$1,705,455</u>                 | <u>\$2,286,205</u>                 | <u>\$4,492,766</u>                   | <u>\$2,820,945</u>                    | <u>\$1,475,000</u>                  |
| Sub Total Expenditures                            | <u>\$1,705,455</u>                 | <u>\$2,286,205</u>                 | <u>\$4,492,766</u>                   | <u>\$2,820,945</u>                    | <u>\$1,475,000</u>                  |
| Revenues Over/Under Expenditures                  | (547,244)                          | (1,934,433)                        | (4,162,766)                          | (2,567,012)                           | (868,750)                           |
| <b>Other financing sources (uses):</b>            |                                    |                                    |                                      |                                       |                                     |
| Transfers in                                      | \$0                                | \$64,105                           | \$205,000                            | \$205,000                             | \$266,000                           |
| Transfers out                                     | 0                                  | 0                                  | 0                                    | 0                                     | 0                                   |
| Total Other Financing Sources<br>(Uses):          | <u>\$0</u>                         | <u>\$64,105</u>                    | <u>\$205,000</u>                     | <u>\$205,000</u>                      | <u>\$266,000</u>                    |
| Net Change in Fund Balance                        | (\$547,244)                        | (\$1,870,328)                      | (\$3,957,766)                        | (\$2,362,012)                         | (\$602,750)                         |
| <b>Fund Balance/Working Capital</b>               |                                    |                                    |                                      |                                       |                                     |
| Beginning of Year                                 | <u>7,389,009</u>                   | <u>6,841,765</u>                   | <u>4,971,437</u>                     | <u>4,971,437</u>                      | <u>2,609,425</u>                    |
| <b>Fund Balance (Contingency)/Working Capital</b> |                                    |                                    |                                      |                                       |                                     |
| End of Year                                       | <u>\$6,841,765</u>                 | <u>\$4,971,437</u>                 | <u>\$1,013,671</u>                   | <u>\$2,609,425</u>                    | <u>\$2,006,675</u>                  |

This fund accounts for water system construction costs funded through bond proceeds and system development charges. Contingency represents the unused system development charges and bond sale proceeds which are available and allocated for construction projects in future years as identified in the City's Capital Improvement Plan.

CITY OF BEAVERTON, OREGON  
FISCAL YEAR 2010-11 BUDGET

|   |                                    |
|---|------------------------------------|
| <b>FUND:</b><br>505 WATER CONSTRUCTION    | <b>DEPARTMENT:</b><br>PUBLIC WORKS |
| <b>DEPARTMENT HEAD:</b><br>PETER ARELLANO |                                    |

**MISSION STATEMENT:**

The City's water utility operation is accounted for in the Water Fund. For financial reporting purposes, the Water Fund is a consolidation of the Water Operating Fund, Water Construction Fund and Water Debt Service Fund. For budgetary and financial control purposes, a separate budget is presented for each of these operations. The budget presented on this page is for the Water Construction Fund. This fund accounts for expenditures for improvements to the system and the main source of revenue is water system development charges. Major construction projects are funded by bond sale.

| REQUIREMENTS   | FY 2007-08<br>ACTUAL | FY 2008-09<br>ACTUAL | FY 2009-10<br>BUDGETED | FY 2010-11<br>PROPOSED | FY 2010-11<br>ADOPTED |
|----------------|----------------------|----------------------|------------------------|------------------------|-----------------------|
| POSITION       |                      |                      |                        |                        |                       |
| CAPITAL OUTLAY | \$1,705,455          | \$2,286,206          | \$4,492,766            | \$1,475,000            | \$1,475,000           |
| TRANSFERS      |                      |                      |                        |                        |                       |
| CONTINGENCY    | 0                    | 0                    | 1,013,671              | 2,006,675              | 2,006,675             |
| <b>TOTAL</b>   | <b>\$1,705,455</b>   | <b>\$2,286,206</b>   | <b>\$5,506,437</b>     | <b>\$3,481,675</b>     | <b>\$3,481,675</b>    |

| Funding Sources:          | FY 2007-08  | FY 2008-09  | FY 2009-10  | FY 2010-11  | FY 2010-11  |
|---------------------------|-------------|-------------|-------------|-------------|-------------|
| Beginning Working Capital | \$7,389,009 | \$6,841,765 | \$4,971,437 | \$2,609,425 | \$2,609,425 |
| System Development Fees   | 721,663     | 202,896     | 100,000     | 165,000     | 165,000     |
| Miscellaneous Revenue     | 436,549     | 148,876     | 230,000     | 441,250     | 441,250     |
| Transfers from:           |             |             |             |             |             |
| Water Fund                | 0           | 64,105      | 205,000     | 266,000     | 266,000     |

**Funding of Projects:**

|                                       |           |           |           |           |           |
|---------------------------------------|-----------|-----------|-----------|-----------|-----------|
| 3612 Water Reservoir (15 MG)          | \$72,087  | \$0       | \$0       | \$0       | \$0       |
| 3620 Extra Capacity Supply System     | 1,275,813 | 1,792,033 | 3,598,143 | 1,395,000 | 1,395,000 |
| 3635 JWC Capacity Projects            | 26,574    | 42,862    | 15,000    | 30,000    | 30,000    |
| 3636 Scoggins Dam Raise Project       | 46,492    | 407,547   | 839,623   | 10,000    | 10,000    |
| 3637 North Transmission Line          | 1,917     | 0         | 0         | 0         | 0         |
| 3638 2nd Fernhill Reservoir           | 266,557   | 3,284     | 0         | 0         | 0         |
| 3639 ASR #4                           | 6,082     | 0         | 0         | 0         | 0         |
| 3640 Raw Water Pipeline- Scoggins/WIP | 5,106     | 0         | 0         | 0         | 0         |
| 3641 Dernbach Reservoir               | 4,827     | 40,480    | 40,000    | 40,000    | 40,000    |

CITY OF BEAVERTON, OREGON  
FISCAL YEAR 2010-11 BUDGET

|   |   |
|---|---|
| <b>FUND:</b><br>505 WATER CONSTRUCTION                      | <b>DEPARTMENT:</b><br>PUBLIC WORKS        |
| <b>PROGRAM:</b><br>3XXX INCREASED CAPACITY CAPITAL PROJECTS | <b>DEPARTMENT HEAD:</b><br>PETER ARELLANO |

For a complete narrative of the Increased Capacity Capital Projects, refer to pages 67 – 68.



**City of Beaverton  
CIP Financial Plan - Water  
Maintenance & Replacement Projects Detail  
FY 10/11 Adopted**

| Projects  | Project Cost   | Total for Fiscal Year |
|---|----------------|-----------------------|
| 3611 Joint Water Commission Projects                                |                |                       |
| JWC Treatment Plant Pilot Study (Ozone)                             | 13,895         |                       |
| On-site Power Generation (Design)                                   | 118,750        |                       |
| Water Management Conservation Plan (WMCP)                           | 3,750          |                       |
| Water Rights Consultant of Record                                   | 17,500         |                       |
| JWC ASR - Phase 1   | 266,640        |                       |
| Filter Replacement  | 25,000         |                       |
| Sustainable Solids Reuse Study                                      | 17,500         |                       |
| Electrical Assessment   | 26,250         |                       |
| Life Safety Seismic Bracing   | <u>7,500</u>   | 496,785               |
| 3700 Annual Water Line Maintenance & Replacement Projects           |                |                       |
| Water System Hydraulic Modeling, Mapping, etc.                      | 50,000         |                       |
| Small Works - Misc. Maintenance & Replacement                       | <u>50,000</u>  |                       |
| Program Total - 3700  |                | 100,000               |
| 3701 Water System Improvements                                      |                |                       |
| North Looking Glass Utility Improvements, Phase 4                   | 15,000         |                       |
| North Looking Glass Utility Improvements, Phase 3 (Baker to Denney) | 80,000         |                       |
| Water System Security Upgrades                                      | 20,000         |                       |
| Sexton Mountain Pump & Motor Efficiency Upgrade                     | 378,000        |                       |
| Small Works - Misc. Maintenance & Replacement                       | 50,000         |                       |
| Erickson Waterline Improvements (6th to Farmington)                 | 188,000        |                       |
| Cooper Mountain 5.5 MG Reservoir Maintenance                        | 35,000         |                       |
| Standpipe (1.75 MG) Maintenance                                     | 200,000        |                       |
| Solar Retrofit & Energy Recovery Hydro Projects (Energy Trust)      | 100,000        |                       |
| 5th Street Waterline Improvement, Alter to 217                      | <u>300,000</u> |                       |
| Program Total - 3701  |                | 1,366,000             |
| 3705 Fire Hydrant Replacement Program                               | 80,000         | 80,000                |

**City of Beaverton  
CIP Financial Plan - Water  
FY 2011/12 Proposed**

| Projects  | Funding Sources  |               |                | Total for Fiscal Year |
|---|------------------|---------------|----------------|-----------------------|
|   | SDC              | Bond Proceeds | Maint. & Repl. |                       |
| <b>Estimated Beginning Balance 07/07/2011</b>   | 2,006,675        |               |                | 2,006,675             |
| <b>Estimated addit'l Resources for FY 2011/12</b>   | 500,000          |               | 630,600        | 1,130,600             |
| <b>Total Available in FY 2011/12</b>  | <b>2,506,675</b> | <b>0</b>      | <b>630,600</b> | <b>3,137,275</b>      |
| <b>Projects for FY 2011/12</b>  |                  |               |                |                       |
| 3620 Water Extra Capacity Projects  |                  |               |                |                       |
| 155th Ave Waterline Improvements (Sexton Mtn Dr to Flagstone Dr)  | 205,000          |               |                | 205,000               |
| Hall Blvd (12th-Allen) Utility Improvement  | 202,600          |               |                | 202,600               |
| Chestnut Ave (Cypress-BH Hwy) Waterline Improvement   | 200,000          |               |                | 200,000               |
| Royal Woodlands West Utility Improvements - includes Royal Woodland Dr (Jamieson Rd to Elm Ave) Waterline       | 207,500          |               |                | 207,500               |
| Royal Woodlands West Utility Improvements - includes Chestnut Ave (Pinehurst Dr to Royal Woodland Dr) Waterline | 120,000          |               |                | 120,000               |
| Small Works Projects, Eng. Svcs., and In-house OH Charges   | 100,000          |               |                | 100,000               |
| Program Total - 3620  |                  |               |                | 1,035,100             |
| 3635 JWC Capacity projects - Master Plan  | 30,000           |               |                | 30,000                |
| 3636 Scoggins Dam Raise (CWS Project - status uncertain)  | 100,000          |               |                | 100,000               |
| <b>Maintenance &amp; Replacement</b>  |                  |               |                |                       |
| 3611 JWC Projects   |                  |               |                | 200,000               |
| 3700 Annual Water Line Maint. & Replacement Program   |                  |               | 100,000        | 100,000               |
| 3701 Water System Improvements  |                  |               | 450,600        | 450,600               |
| 3705 Fire Hydrant Replacement Program   |                  |               | 80,000         | 80,000                |
| <b>Total Project Cost in FY 11/12</b>   | <b>230,000</b>   | <b>0</b>      | <b>630,600</b> | <b>860,600</b>        |
| <b>Estimated Ending Balance @ 6/30/2012</b>   | <b>2,276,675</b> | <b>0</b>      | <b>0</b>       | <b>2,276,675</b>      |