

WATER CONSTRUCTION FUND

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2009-10 BUDGET

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

	<u>FY 2006-07</u> <u>Actual</u>	<u>FY 2007-08</u> <u>Actual</u>	<u>FY 2008-09</u> <u>Budgeted</u>	<u>FY 2008-09</u> <u>Estimated</u>	<u>FY 2009-10</u> <u>Adopted</u>
Revenues:					
System development charges	\$601,116	\$721,662	\$775,000	\$100,000	\$100,000
Intergovernmental revenue	0	81,889	0	0	185,000
Interest on investments	413,243	324,660	45,000	130,000	30,000
Miscellaneous	1,129	30,000	0	0	0
Sub Total Revenues	<u>\$1,015,488</u>	<u>\$1,158,211</u>	<u>\$820,000</u>	<u>\$230,000</u>	<u>\$315,000</u>
Expenditures:					
Personal services					
Materials & services					
Capital outlay	\$2,717,940	\$1,705,455	\$4,015,224	\$2,714,150	\$3,914,623
Sub Total Expenditures	<u>\$2,717,940</u>	<u>\$1,705,455</u>	<u>\$4,015,224</u>	<u>\$2,714,150</u>	<u>\$3,914,623</u>
Revenues Over/Under Expenditures	(1,702,452)	(547,244)	(3,195,224)	(2,484,150)	(3,599,623)
Other financing sources (uses):					
Transfers in	\$6,990	\$0	\$67,400	\$67,400	\$134,800
Transfers out	0	0	0	0	0
Total Other Financing Sources (Uses):	<u>\$6,990</u>	<u>\$0</u>	<u>\$67,400</u>	<u>\$67,400</u>	<u>\$134,800</u>
Net Change in Fund Balance	(\$1,695,462)	(\$547,244)	(\$3,127,824)	(\$2,416,750)	(\$3,464,823)
Fund Balance/Working Capital					
Beginning of Year	<u>9,084,471</u>	<u>7,389,009</u>	<u>6,841,765</u>	<u>6,841,765</u>	<u>4,425,015</u>
Fund Balance (Contingency)/Working Capital					
End of Year	<u>\$7,389,009</u>	<u>\$6,841,765</u>	<u>\$3,713,941</u>	<u>\$4,425,015</u>	<u>\$960,192</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 2009-10 BUDGET

FUND: 505 WATER CONSTRUCTION	DEPARTMENT: PUBLIC WORKS - ENGINEERING
DEPARTMENT HEAD: GARY BRENTANO	

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 2006-07 ACTUAL	FY 2007-08 ACTUAL	FY 2008-09 BUDGETED	FY 2009-10 PROPOSED	FY 2009-10 ADOPTED
POSITION					
CAPITAL OUTLAY	\$2,717,940	\$1,705,455	\$4,015,224	\$3,914,623	\$3,914,623
TRANSFERS					
CONTINGENCY	0	0	3,713,941	960,192	960,192
TOTAL	\$2,717,940	\$1,705,455	\$7,729,165	\$4,874,815	\$4,874,815

Funding Sources:	FY 2006-07	FY 2007-08	FY 2008-09	FY 2009-10	FY 2009-10
Beginning Working Capital	\$9,084,471	\$7,389,009	\$6,841,765	\$4,425,015	\$4,425,015
System Development Fees	601,116	721,663	775,000	100,000	100,000
Miscellaneous Revenue	414,372	436,549	45,000	215,000	215,000
Transfers from:					
Water Debt Service Fund	6,990	0	0	0	0
Water Fund	0	0	67,400	134,800	134,800

Funding of Projects:

3612 Water Reservoir (15 MG)	\$23,594	\$72,087	\$0	\$0	\$0
3620 Extra Capacity Supply System	421,945	1,275,813	3,022,000	3,035,000	3,035,000
3626 Water System Imp - SW Beaverton	7,671	0	0	0	0
3635 JWC Capacity Projects	213,108	26,574	54,779	0	0
3636 Scoggins Dam Raise Project	0	46,492	845,000	839,623	839,623
3637 North Transmission Line	11,047	1,917	0	0	0
3638 2nd Fernhill Reservoir	1,049,532	266,557	7,500	0	0
3639 ASR #4	656,853	6,082	0	0	0
3640 Raw Water Pipeline- Scoggins/WIP	1,190	5,106	0	0	0
3641 Dernbach Reservoir	333,000	4,827	85,945	40,000	40,000

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2009-10 BUDGET

FUND: 505 WATER CONSTRUCTION	DEPARTMENT: PUBLIC WORKS - ENGINEERING
PROGRAM: 3XXX INCREASED CAPACITY CAPITAL PROJECTS	DEPARTMENT HEAD: GARY BRENTANO

For a complete narrative of the Increased Capacity Capital Projects, refer to pages 66 – 68.

**City of Beaverton
CIP Financial Plan - Water
FY 09/10 Adopted**

Projects	Funding Sources			Total for Fiscal Year
	SDC	State Grants	Maint. & Repl.	
Estimated Beginning Balance 07/01/2009	4,425,015			4,425,015
Estimated addit'l Resources for FY 09/10	264,800	235,000	1,943,920	2,443,720
Total Available in FY 09/10	4,689,815	235,000	1,943,920	6,868,735
Projects in FY 09/10				
3620 Water Extra Capacity Projects				
South Central Area 'C' Utility Improvements (Menlo)	500,000			500,000
North Looking Glass Utility Improvements, Phase 2	320,000			320,000
North Looking Glass Utility Improvements, Phase 3	40,000			40,000
ASR Well No. 3 (project not to be completed)	1,100,000			1,100,000
ASR Well No. 5	55,000			55,000
Wellhead Protection Plan (ASR)	20,000			20,000
Water System Telemetry (annual upgrade project)	40,000			40,000
Sexton Mtn. Pump Station Upgrade (proj. not to be done)	215,000	136,000		351,000
ASR 1 & 2 Motor Efficiency Upgrades	255,000	49,000		304,000
Upper Elevation Storage/Siting Evaluation, Phase 3	50,000			50,000
7th Street (Lombard - Alger) Utility Improvements	5,000			5,000
Water Extra-Capacity Projects	50,000			50,000
Hall Blvd. (12th to Allen Blvd.) Waterline Imp.	175,000			175,000
Sorrento Pump Station & Meridian PS Upgrades	15,000			15,000
Franklin Ave. Waterline Improvements (2nd to 9th St.)	5,000			5,000
Main Avenue Water Improvements	5,000			5,000
Program Total - 3620				3,035,000
3636 Scoggins Dam Raise (CWS Project)	839,623			839,623
3638 Fernhill Reservoir No. 2 & Transmission Lines	40,000			40,000
Maintenance & Replacement (1)				
3611 JWC Projects			653,920	653,920
3700 Annual Water Line Maint. & Replacement Program			100,000	100,000
3701 Water System Improvements		50,000	1,110,000	1,160,000
3705 Fire Hydrant Replacement Program			80,000	80,000
Total Project Cost in FY 09/10	3,729,623	235,000	1,943,920	5,908,543
Estimated Ending Balance @ 6/30/10	960,192	0	0	960,192

(1) See Water Operating Fund Projects for detail.

Note: Shaded projects are to be completed by city workers, application or installation of materials only.

**City of Beaverton
CIP Financial Plan - Water
Maintenance & Replacement Projects Detail
FY 09/10 Adopted**

Projects	Project Cost	Total for Fiscal Year
3611 Joint Water Commission Projects		
Water Management Conservation Plan (WMCP)	10,500	
WTP Sludge Removal Project	70,000	
Transmission Line Encroachment Survey	290,140	
Water Rights Consultant of Record	6,600	
JWC WTP Ozone Pilot Study	39,180	
Valve Repair/Replacement Project	105,000	
WaterSense Feasibility Study	7,500	
On-site Power Generation (predesign)	<u>125,000</u>	
Program Total - 3611		653,920
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		
South Central Area 'C' Utility Improvements (Hazel, Berthold)	500,000	
North Looking Glass Utility Improvements, Phase 2	150,000	
North Looking Glass Utility Improvements, Phase 3	40,000	
Water System Security Upgrades	40,000	
Sexton Mountain Pump Station Upgrade	250,000	
Small Works - Misc. Maintenance & Replacement	50,000	
Cooper Mountain 5.5 MG Reservoir Maintenance	30,000	
Solar Retrofit & Energy Recovery Hydro Projects (Energy Trust Grant Reimbursement \$50,000)	<u>100,000</u>	
Program Total - 3701		1,160,000
3705 Fire Hydrant Replacement Program	80,000	80,000

**City of Beaverton
CIP Financial Plan - Water
FY 2010/11 Proposed**

Projects	Funding Sources			Total for Fiscal Year
	SDC	Bond Proceeds	Maint. & Repl.	
Estimated Beginning Balance 07/07/2010	960,192			960,192
Estimated FY 09/10 projects not to be completed	1,315,000			
Estimated addit'l Resources for FY 2010/11	260,000		720,000	980,000
Total Available in FY 2010/11	2,535,192	0	720,000	1,940,192
Projects for FY 2010/11				
3620 Water Extra Capacity Projects				
Looking Glass Subdivision Utility Improvements Phase 3	392,000			392,000
Erickson Trunk Upsizing (6th St - Farmington)	236,000			236,000
Small Works Projects, Eng. Svcs., and In-house OH	140,000			140,000
Program Total - 3620				768,000
3635 JWC Capacity projects - Master Plan	60,000			60,000
3636 Scoggins Dam Raise (CWS Project - status uncertain)	800,000			800,000
Maintenance & Replacement				
3611 JWC Projects			400,000	400,000
3700 Annual Water Line Maint. & Replacement Program			100,000	100,000
3701 Water System Improvements				
Looking Glass Subdivision Utility Improvement Phase 3			100,000	100,000
Small Works Projects, Eng. Svcs., and In-house OH			100,000	100,000
Program Total - 3701				200,000
3705 Fire Hydrant Replacement Program			20,000	20,000
Total Project Cost in FY 10/11	1,628,000	0	720,000	2,348,000
Estimated Ending Balance @ 6/30/2011	907,192	0	0	907,192

(1) See attached schedule for detail.