

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2011-12 BUDGET

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

	<u>FY 2008-09</u> Actual	<u>FY 2009-10</u> Actual	<u>FY 2010-11</u> Budgeted	<u>FY 2010-11</u> Estimated	<u>FY 2011-12</u> Adopted
Revenues:					
System development charges	\$202,896	\$168,489	\$165,000	\$300,000	\$100,000
Intergovernmental revenue	0	15,521	430,000	30,000	45,000
Interest on investments	148,876	43,177	11,250	11,250	8,900
Miscellaneous	0	933	0	0	0
Sub Total Revenues	<u>\$351,772</u>	<u>\$228,120</u>	<u>\$606,250</u>	<u>\$341,250</u>	<u>\$153,900</u>
Expenditures:					
Personal services					
Materials & services					
Capital outlay	<u>\$2,286,205</u>	<u>\$2,402,448</u>	<u>\$1,768,775</u>	<u>\$735,000</u>	<u>\$1,402,667</u>
Sub Total Expenditures	<u>\$2,286,205</u>	<u>\$2,402,448</u>	<u>\$1,768,775</u>	<u>\$735,000</u>	<u>\$1,402,667</u>
Revenues Over/Under Expenditures	(1,934,433)	(2,174,328)	(1,162,525)	(393,750)	(1,248,767)
Other financing sources (uses):					
Transfers in	\$64,105	\$199,973	\$266,000	\$266,000	\$250,000
Transfers out	0	0	0	0	0
Total Other Financing Sources	<u>\$64,105</u>	<u>\$199,973</u>	<u>\$266,000</u>	<u>\$266,000</u>	<u>\$250,000</u>
(Uses):	<u>\$64,105</u>	<u>\$199,973</u>	<u>\$266,000</u>	<u>\$266,000</u>	<u>\$250,000</u>
Net Change in Fund Balance	(\$1,870,328)	(\$1,974,355)	(\$896,525)	(\$127,750)	(\$998,767)
Fund Balance/Working Capital					
Beginning of Year	<u>6,841,765</u>	<u>4,971,437</u>	<u>2,997,082</u>	<u>2,997,082</u>	<u>2,869,332</u>
Fund Balance (Contingency)/Working Capital					
End of Year	<u>\$4,971,437</u>	<u>\$2,997,082</u>	<u>\$2,100,557</u>	<u>\$2,869,332</u>	<u>\$1,870,565</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 2011-12 BUDGET

FUND: 505 WATER CONSTRUCTION	DEPARTMENT: PUBLIC WORKS
DEPARTMENT HEAD: 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 2008-09 ACTUAL	FY 2009-10 ACTUAL	FY 2010-11 BUDGETED	FY 2011-12 PROPOSED	FY 2011-12 ADOPTED
POSITION					
CAPITAL OUTLAY	\$2,286,206	\$2,402,447	\$1,768,775	\$1,402,667	\$1,402,667
TRANSFERS					
CONTINGENCY	0	0	2,100,557	1,870,565	1,870,565
TOTAL	\$2,286,206	\$2,402,447	\$3,869,332	\$3,273,232	\$3,273,232

Funding Sources:	FY 2008-09	FY 2009-10	FY 2010-11	FY 2011-12	FY 2011-12
Beginning Working Capital	\$6,841,765	\$4,971,437	\$2,997,082	\$2,869,332	\$2,869,332
System Development Fees	202,896	168,490	165,000	100,000	100,000
Miscellaneous Revenue	148,876	59,631	441,250	53,900	53,900
Transfers from:					
Water Fund	64,105	199,973	266,000	250,000	250,000

Funding of Projects:

3620 Extra Capacity Supply System	1,792,033	2,388,702	1,422,135	881,000	881,000
3635 JWC Capacity Projects	42,862	11,351	296,640	511,667	511,667
3636 Scoggins Dam Raise Project	407,547	818	10,000	10,000	10,000
3638 2nd Fernhill Reservoir	3,284	(650)	0	0	0
3640 Raw Water Pipeline- Scoggins/WIP	0	227	0	0	0
3641 Dernbach Reservoir	40,480	1,999	40,000	0	0

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2011-12 BUDGET

FUND: 505 WATER CONSTRUCTION	DEPARTMENT: PUBLIC WORKS
PROGRAM: 3XXX INCREASED CAPACITY CAPITAL PROJECTS	DEPARTMENT HEAD: PETER ARELLANO

Prior Year Accomplishments:

<u>CIP No.</u>	<u>CIP Project Name</u>
4067	Hall Blvd (Denney-Hart) Waterline Improvement
4067A	Hall Blvd (Allen-Denney) Waterline Rehabilitation
4078	Sexton Mountain Pump Station Upgrade Phase 1
4096	Nora Rd at 161st Ave Utility Improvements
6001	Erickson Interceptor South Central "C" Phase 3
6071	Looking Glass Subdivision Utility Improvements Phase 3

New Year Action Plan:

<u>CIP No.</u>	<u>CIP Project Name</u>
3317	Dawson Wy Extension To Hocken
3225	155th Ave Sidewalk, Bikelane & Waterline Improvements (Sexton Mtn Dr to Flagstone Dr)
4067B	Hall Blvd (7th-Allen) Utility Improvement
4079	Sorrento Pump Station & Meridian Pump Station Upgrades
4102	Hyland Wy (Hanson Rd - Cul de sac) Waterline Improvement
4103	Normandy Pl/Sherwood Pl Waterline Improvement
6067	South Central "H" (East of Alger) Utility Improvements
6069	Main Ave (Allen-7 th) Utility Improvements

**City of Beaverton
CIP Financial Plan - Water
FY 11-12 Adopted**

Projects	Funding Sources			Total for Fiscal Year
	SDC	Grants, IGA	Maint. & Repl.	
Estimated Beginning Balance 07/01/2011	2,869,332			2,869,332
Estimated addit'l Resources for FY 11/12	358,900	195,000	1,075,290	1,629,190
Total Available in FY 11/12	3,228,232	195,000	1,075,290	4,498,522
Projects in FY 11/12				
<u>CIP#</u> <u>Proj #</u>				
3620 Water Extra Capacity Projects				
6067 5th Street (SC "H") Waterline Imp. (Alger to Hwy. 217)	220,000			220,000
3225 155th Avenue Waterline (Sexton Mt. Dr. to Flagstone Dr.)	185,000			185,000
4021D ASR Well No. 5	50,000			50,000
Wellhead Protection (ASR)	5,000			5,000
Water System Telemetry (annual upgrade project)	20,000			20,000
ASR 2 Motor Efficiency Upgrades	15,000			15,000
Water Extra-Capacity Projects	50,000			50,000
4067B Hall Blvd. (12th to Allen Blvd.) Waterline Improvement	180,000			180,000
Sorrento Pump Station & Meridian PS Upgrades	20,000			20,000
6069 Main Avenue Water Improvements (Replace approx. 1,200 LF of 2" waterline with 8" waterline on 10th and 12th Street (from Main Ave. - Watson Ave.))	115,000			115,000
3317 Dawson Way Extension at Hocken Avenue, 167 LF of 12"	21,000			21,000
Program Total - 3620				881,000
3635 3635 JWC ASR	466,667			466,667
3635A 3635A JWC Intake and Pump Station (TBWSP)		45,000 (cws)		45,000
3636 4051 Scoggins Dam Raise TBWSP (CWS Project)	10,000			10,000
Maintenance & Replacement (1)				
3611 JWC Projects			377,290	377,290
3700 Annual Water Line Maint. & Replacement Program			25,000	25,000
3701 Water System Improvements		150,000	593,000	743,000
3705 Fire Hydrant Replacement Program			80,000	80,000
Total Project Cost in FY 11/12	1,357,667	195,000	1,075,290	2,627,957
Estimated Ending Balance @ 6/30/12	1,870,565	0	0	1,870,565

(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 11-12 Adopted**

Projects	Project Cost	Total for FY
<u>CIP#</u> <u>Proj #</u>		
3611 Joint Water Commission Projects		
Water Rights Consultant of Record (JWC-01)	25,000	
Standby Power Generation (JWC-02)	125,000	
Transmission Line Corridor Control (Veg. Mgt., JWC-03)	36,900	
Fern Hill Res. Prelim. CL2 Resid. Maint. Stdy. (JWC-05)	38,750	
Quonset Hut Reconditioning & Security (JWC-06)	22,140	
Seismic Mitigation Exist WTP Package 1, 2a (JWC-08)	67,500	
Asset Management System	62,000	377,290
3700 Annual Water Line Maintenance & Replacement Projects		
Water System Hydraulic Modeling, Mapping, etc.	15,000	
Small Works - Misc. Maintenance & Replacement	10,000	
Program Total - 3700		25,000
3701 Water System Improvements		
4078C Sexton Mountain 5 MG Reservoir Mixing Improvements	60,000	
4078B Sexton Mountain Pump Station Upgrade, Ph 2	300,000	
4103 Normandy Place/Sherwood Place 250 LF of 6" Water System Security Upgrades	35,000	
Small Works - Misc. Maintenance & Replacement	20,000	
4102 Hyland Way - Hanson to cul-de-sac Waterline Imp.	50,000	
6069 Main Avenue Improvements (Allen Blvd. to 12th Street)	40,000	
Solar Retrofit & Energy Recovery Hydro Projects (Energy Trust)	175,000	
6067 5th Street Waterline Improvement, Alger to 217 (South Central H)	5,000	
	58,000	
Program Total - 3701		743,000
3705 Fire Hydrant Replacement Program	80,000	80,000

**City of Beaverton
CIP Financial Plan - Water
FY 2012-13 Proposed**

Projects	Funding Sources			Total for Fiscal Year
	SDC	Bond Proceeds	Maint. & Repl.	
Estimated Beginning Balance 07/07/2012	1,870,565			1,870,565
Estimated addit'l Resources for FY 2012/13	350,000		1,015,000	1,365,000
Total Available in FY 2012/13	2,220,565	0	1,015,000	3,235,565
Projects for FY 2012/13				
3620 Water Extra Capacity Projects				
4058 Upper Elevation Storage Project	400,000			400,000
4079 Sorrento & Meridian Pump Stations Upgrades	400,000			400,000
4083 Chestnut Ave (Cypress-BH Hwy) Waterline Imp. (design)	20,000			20,000
6044 Royal Woodlands East Utility Improvements (design)	40,000			40,000
6063 Royal Woodlands West Utility Improvements (design)	40,000			40,000
Wonderland Park Waterline	60,000			60,000
Small Works Projects, Eng. Svcs., and In-house OH	100,000			100,000
Program Total - 3620				1,060,000
3635 3635 JWC Capacity Projects	30,000			30,000
3636 4051 Scoggins Dam Raise TBWSP (CWS Project)	50,000			50,000
3641 4019E Dernbach (Mt. Williams) Reservoir	40,000			40,000
Maintenance & Replacement				
3611 JWC Projects			200,000	200,000
3700 Annual Water Line Maint. & Replacement Program			100,000	100,000
3701 Water System Improvements			635,000	635,000
3705 Fire Hydrant Replacement Program			80,000	80,000
Total Project Cost in FY 12/13	1,180,000	0	1,015,000	2,195,000
Estimated Ending Balance @ 6/30/2013	1,040,565	0	0	1,040,565