

## **Public Utilities Service Area Funds**

Environmental Remediation Fund . . . . .	33
Hydroelectric Power Bond Redemption Fund . . . . .	35
Hydroelectric Power Operating Fund . . . . .	36
Hydroelectric Power Renewal and Replacement Fund . . . . .	38
Sewer System Construction Fund . . . . .	39
Sewer System Debt Redemption Fund . . . . .	41
Sewer System Operating Fund . . . . .	50
Sewer System Rate Stabilization Fund . . . . .	52
Solid Waste Management Fund . . . . .	53
Water Bond Sinking Fund . . . . .	54
Water Construction Fund . . . . .	58
Water Fund . . . . .	59
Closed - Water Growth Impact Charge Trust Fund . . . . .	60



	Actual FY 2007-08	Actual FY 2008-09	Revised FY 2009-10	Proposed FY 2010-11	Approved FY 2010-11	Adopted FY 2010-11
<b>RESOURCES</b>						
Charges for Services	460,283	481,970	500,000	0	0	0
Intergovernmental	0	50,000	0	0	0	0
Miscellaneous	133,016	909,013	25,000	25,000	25,000	25,000
<b>Total External Revenues</b>	<b>593,299</b>	<b>1,440,983</b>	<b>525,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>
Fund Transfers - Revenue	3,900,000	3,500,000	5,812,718	5,340,000	5,350,000	5,350,000
Interagency Revenue	331,808	179,644	360,000	375,492	375,492	375,492
<b>Total Internal Revenues</b>	<b>4,231,808</b>	<b>3,679,644</b>	<b>6,172,718</b>	<b>5,715,492</b>	<b>5,725,492</b>	<b>5,725,492</b>
Beginning Fund Balance	695,421	518,812	500,000	500,000	500,000	500,000
<b>TOTAL RESOURCES</b>	<b>\$ 5,520,528</b>	<b>\$ 5,639,439</b>	<b>\$ 7,197,718</b>	<b>\$ 6,240,492</b>	<b>\$ 6,250,492</b>	<b>\$ 6,250,492</b>
<b>REQUIREMENTS</b>						
Personal Services	557,273	530,537	597,187	593,870	593,870	593,870
External Materials & Services	3,906,822	3,642,439	5,192,492	4,085,149	4,095,149	4,095,149
Internal Materials & Services	491,992	808,987	866,419	866,739	866,739	866,739
<b>Total Bureau Expenditures</b>	<b>4,956,087</b>	<b>4,981,963</b>	<b>6,656,098</b>	<b>5,545,758</b>	<b>5,555,758</b>	<b>5,555,758</b>
Contingency	0	0	473,054	611,919	611,919	611,919
Fund Transfers - Expense	44,853	44,694	67,530	81,959	81,959	81,959
Bond Expenses	809	808	1,036	856	856	856
<b>Total Fund Requirements</b>	<b>45,662</b>	<b>45,502</b>	<b>541,620</b>	<b>694,734</b>	<b>694,734</b>	<b>694,734</b>
Ending Fund Balance	518,779	611,974	0	0	0	0
<b>TOTAL REQUIREMENTS</b>	<b>\$ 5,520,528</b>	<b>\$ 5,639,439</b>	<b>\$ 7,197,718</b>	<b>\$ 6,240,492</b>	<b>\$ 6,250,492</b>	<b>\$ 6,250,492</b>

**FUND OVERVIEW**

The Environmental Remediation Fund (ERF) was established by City Council in FY 1993-94 to provide funding to remediate former solid waste disposal sites for which the City is liable.

**Portland Harbor Superfund**

Beginning in FY 2005-06, funding for the Portland Harbor Superfund program moved to the Environmental Remediation Fund with resources provided by cash transfers from the Sewer System Operating Fund supplemented by interest earnings from the ERF. Including the Portland Harbor Superfund program within the ERF is consistent with the purposes of the ERF and distinguishes the program from the routine sewer system operations that are budgeted for, and funded within, the Sewer System Operating Fund.

**Land Acquisition and Remediation of the Guilds Lake Property**

The Guilds Lake property is a former landfill operated by the City from 1910 through the late 1940s. The acquisition and remediation of this site was financed by the Environmental Remediation 1993 Series A Revenue Bonds issued in November 1993. The Guilds Lake remediation was completed in FY 1994-95. Property maintenance and management and environmental monitoring of the site are funded as required by the Department of Environmental Quality (DEQ).

Lease income from current tenants on the City-owned Guilds Lake site supports the ERF's operating and capital expenditures. This revenue source, along with the fund's interest earnings and cash transfers, are used for remediation projects.

**Managing Agency**

Bureau of Environmental Services

## **SIGNIFICANT CHANGES FROM PRIOR YEAR**

### **Portland Harbor Superfund**

A \$5.4 million cash transfer from the Sewer System Operating Fund will fund the majority of the Portland Harbor Superfund program. FY 2010-11 personal services expenditures are budgeted at about the same level due to cost of living increases included in the FY 2009-10 Revised Budget.

External materials and services for Portland Harbor Superfund work are budgeted at \$4.1 million or 21% lower than the FY 2009-10 Revised Budget. Reductions within Portland Harbor include \$700,000 in external materials and services to reflect lower anticipated payments to the Lower Willamette Group, \$125,000 to reflect lower anticipated needs for outfall investigations, \$100,000 to reflect work shifting from significant investigation work to the Remedial Investigation and Feasibility Study report and \$192,344 for reductions in professional services and external agreements supporting the City's Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) response.

Internal materials and services expenditures, when compared with the FY 2009-10 Revised Budget, are the same.

The fund also recognizes an additional \$375,000 in revenue from the Police Bureau for renting a portion of the Guilds Lake Facility. Income from tenants on the City-owned site also supports the fund's expenditures.

**FUND SUMMARY**

**Hydroelectric Power Bond Redemption Fund**

Public Utilities Service Area

	Actual FY 2007-08	Actual FY 2008-09	Revised FY 2009-10	Proposed FY 2010-11	Approved FY 2010-11	Adopted FY 2010-11
<b>RESOURCES</b>						
Miscellaneous	2,871,032	2,672,822	2,546,306	2,763,300	2,763,300	2,763,300
<b>Total External Revenues</b>	<b>2,871,032</b>	<b>2,672,822</b>	<b>2,546,306</b>	<b>2,763,300</b>	<b>2,763,300</b>	<b>2,763,300</b>
Fund Transfers - Revenue	32,221	67,361	0	0	0	0
<b>Total Internal Revenues</b>	<b>32,221</b>	<b>67,361</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	4,111,648	4,561,857	4,321,843	4,383,500	4,383,500	4,383,500
<b>TOTAL RESOURCES</b>	<b>\$ 7,014,901</b>	<b>\$ 7,302,040</b>	<b>\$ 6,868,149</b>	<b>\$ 7,146,800</b>	<b>\$ 7,146,800</b>	<b>\$ 7,146,800</b>
<b>REQUIREMENTS</b>						
Bond Expenses	2,710,140	2,731,219	2,716,057	2,716,810	2,716,810	2,716,810
Debt Service Reserves	0	0	2,770,384	2,768,237	2,768,237	2,768,237
<b>Total Fund Requirements</b>	<b>2,710,140</b>	<b>2,731,219</b>	<b>5,486,441</b>	<b>5,485,047</b>	<b>5,485,047</b>	<b>5,485,047</b>
Ending Fund Balance	4,304,761	4,570,821	1,381,708	1,661,753	1,661,753	1,661,753
<b>TOTAL REQUIREMENTS</b>	<b>\$ 7,014,901</b>	<b>\$ 7,302,040</b>	<b>\$ 6,868,149</b>	<b>\$ 7,146,800</b>	<b>\$ 7,146,800</b>	<b>\$ 7,146,800</b>

**FUND OVERVIEW**

The Hydroelectric Power Bond Redemption Fund pays the debt service due on revenue bonds that were issued to finance construction of the Portland Hydroelectric Project (PHP). This fund is required by the PHP power sales agreement between the City and Portland General Electric (PGE). The trustee for the City's Hydroelectric Power Revenue Refunding Bonds holds the assets in this fund and serves as paying agent for the bonds.

As partial payment for the sale of electricity that is generated at the PHP, this fund receives monthly payments from PGE for the annual net debt service due on the City's Hydroelectric Power Revenue Refunding Bonds. Requirements include debt service to be paid on the outstanding Hydroelectric Power Revenue Refunding Bonds and a debt service reserve held in ending fund balance.

**Managing Agency**      Portland Water Bureau

**Debt Redemption Schedule**

Bond Description	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>Hydropower Revenue Refunding Bonds, Series 2006</b>						
04/05/2006 - Due 10/1	21,370,000					
		2010/11	1,940,000	5.52%	776,810	2,716,810
		2011/12	2,045,000	5.52%	666,764	2,711,764
		2012/13	2,145,000	5.52%	551,057	2,696,057
		2013/14	2,270,000	5.52%	429,137	2,699,137
		2014/15	2,390,000	5.52%	300,451	2,690,451
		2015/16	2,505,000	5.52%	165,276	2,670,276
		2016/17	1,740,000	5.52%	48,050	1,788,050
<b>TOTAL FUND DEBT SERVICE</b>			<b>\$ 15,035,000</b>		<b>\$ 2,937,546</b>	<b>\$ 17,972,546</b>

# Hydroelectric Power Operating Fund

FUND SUMMARY

Public Utilities Service Area

	Actual FY 2007-08	Actual FY 2008-09	Revised FY 2009-10	Proposed FY 2010-11	Approved FY 2010-11	Adopted FY 2010-11
<b>RESOURCES</b>						
Miscellaneous	628,659	741,294	662,700	634,370	634,370	634,370
<b>Total External Revenues</b>	<b>628,659</b>	<b>741,294</b>	<b>662,700</b>	<b>634,370</b>	<b>634,370</b>	<b>634,370</b>
Fund Transfers - Revenue	85,348	258,464	301,068	125,000	125,000	125,000
Interagency Revenue	62,965	34,876	62,400	63,207	63,207	63,207
<b>Total Internal Revenues</b>	<b>148,313</b>	<b>293,340</b>	<b>363,468</b>	<b>188,207</b>	<b>188,207</b>	<b>188,207</b>
Beginning Fund Balance	698,019	582,589	462,238	348,607	348,607	348,607
<b>TOTAL RESOURCES</b>	<b>\$ 1,474,991</b>	<b>\$ 1,617,223</b>	<b>\$ 1,488,406</b>	<b>\$ 1,171,184</b>	<b>\$ 1,171,184</b>	<b>\$ 1,171,184</b>
<b>REQUIREMENTS</b>						
Personal Services	269,107	283,509	284,047	270,987	270,987	270,987
External Materials & Services	74,900	307,056	354,500	196,500	196,500	196,500
Internal Materials & Services	233,644	197,403	220,180	212,520	212,520	212,520
<b>Total Bureau Expenditures</b>	<b>577,651</b>	<b>787,968</b>	<b>858,727</b>	<b>680,007</b>	<b>680,007</b>	<b>680,007</b>
Contingency	0	0	232,875	128,598	128,598	128,598
Fund Transfers - Expense	300,325	318,835	379,126	347,971	347,971	347,971
Bond Expenses	14,995	12,634	17,678	14,608	14,608	14,608
<b>Total Fund Requirements</b>	<b>315,320</b>	<b>331,469</b>	<b>629,679</b>	<b>491,177</b>	<b>491,177</b>	<b>491,177</b>
Ending Fund Balance	582,020	497,786	0	0	0	0
<b>TOTAL REQUIREMENTS</b>	<b>\$ 1,474,991</b>	<b>\$ 1,617,223</b>	<b>\$ 1,488,406</b>	<b>\$ 1,171,184</b>	<b>\$ 1,171,184</b>	<b>\$ 1,171,184</b>

## FUND OVERVIEW

### Description

The Hydroelectric Power Operating Fund supports the administration and monitoring of the Portland Hydroelectric Project (PHP) through the Portland Water Bureau's Hydroelectric Power Division. With the exception of debt service on the PHP revenue bonds, all expenditures needed to meet the City's responsibilities for the PHP are paid by this fund.

### Resources

The primary revenue source for this fund is power sales payments made to the City by Portland General Electric (PGE) for the purchase of electricity that is generated at the PHP. The power sales revenue received by this fund consists of two PGE payments:

1. PGE pays this fund an annually adjusted amount to reimburse the City's expenses associated with administration, regulatory compliance, and water quality monitoring related to PHP operations.
2. PGE pays this fund a second amount that serves as a profit payment tied to the actual amount of power generated annually by the PHP. In an average year, this amount is about \$228,000, less the annual reduction of approximately \$194,500 in credit to PGE for debt service on a sum of Hydroelectric Power Revenue Bond proceeds previously used by the City for non-project purposes.

### Managing Agency

Portland Water Bureau

## SIGNIFICANT CHANGES FROM PRIOR YEAR

### Payments from PGE

In FY 2010-11, the amount of reimbursement from PGE to the City that is dedicated for administration, regulatory compliance, commercial insurance, and water quality monitoring expenses related to the PHP is projected to be \$630,870 compared to the FY 2009-10 Revised Budget of \$657,700.

PGE pays the City annually for profit on power generated by the PHP, which for FY 2010-11, calculating the projected gross profit amount of \$207,310 less the contractual credit to PGE, will then provide a net profit payment to the City of approximately \$12,750.

**Maintenance to the PHP**

In FY 2010-11, the Hydroelectric Power Operating Fund has budgeted \$125,000 for cash transfers from the Hydroelectric Power Renewal and Replacement Fund to this fund as well as an equal amount of expenditures to reimburse PGE for their costs for ongoing repair and replacements to the PHP facilities. These cash transfers and reimbursements are only made in response to work done by PGE for the PHP.

**Hydroelectric Power Renewal and Replacement Fund****FUND SUMMARY**

Public Utilities Service Area

	Actual FY 2007-08	Actual FY 2008-09	Revised FY 2009-10	Proposed FY 2010-11	Approved FY 2010-11	Adopted FY 2010-11
<b>RESOURCES</b>						
Miscellaneous	570,724	297,807	657,900	524,600	524,600	524,600
<b>Total External Revenues</b>	<b>570,724</b>	<b>297,807</b>	<b>657,900</b>	<b>524,600</b>	<b>524,600</b>	<b>524,600</b>
Beginning Fund Balance	8,347,135	8,832,511	8,795,210	9,222,708	9,222,708	9,222,708
<b>TOTAL RESOURCES</b>	<b>\$ 8,917,859</b>	<b>\$ 9,130,318</b>	<b>\$ 9,453,110</b>	<b>\$ 9,747,308</b>	<b>\$ 9,747,308</b>	<b>\$ 9,747,308</b>
<b>REQUIREMENTS</b>						
Contingency	0	0	9,153,110	9,622,308	9,622,308	9,622,308
Fund Transfers - Expense	85,348	325,825	300,000	125,000	125,000	125,000
<b>Total Fund Requirements</b>	<b>85,348</b>	<b>325,825</b>	<b>9,453,110</b>	<b>9,747,308</b>	<b>9,747,308</b>	<b>9,747,308</b>
Ending Fund Balance	8,832,511	8,804,493	0	0	0	0
<b>TOTAL REQUIREMENTS</b>	<b>\$ 8,917,859</b>	<b>\$ 9,130,318</b>	<b>\$ 9,453,110</b>	<b>\$ 9,747,308</b>	<b>\$ 9,747,308</b>	<b>\$ 9,747,308</b>

**FUND OVERVIEW****Description**

The Hydroelectric Power Renewal and Replacement Fund is a sinking fund for the Portland Hydroelectric Project (PHP). It provides resources for the repair and replacement of major equipment and facilities that become damaged or worn out. The existence of this fund is required by the PHP power sales agreement between the City and Portland General Electric (PGE), and its assets are held by the trustee for the City's Hydroelectric Power Revenue Bonds.

**Managing Agency**

Portland Water Bureau

**SIGNIFICANT CHANGES FROM PRIOR YEAR**

In FY 2010-11 the fund has budgeted \$125,000 for cash transfers to the Hydroelectric Power Operating Fund to pay for ongoing repair and replacements of the PHP facilities.



	Actual FY 2007-08	Actual FY 2008-09	Revised FY 2009-10	Proposed FY 2010-11	Approved FY 2010-11	Adopted FY 2010-11
<b>RESOURCES</b>						
Charges for Services	1,658,919	2,115,377	850,000	300,000	300,000	300,000
Intergovernmental	0	0	2,500,000	0	0	0
Bond and Note	295,804,193	0	450,000,000	0	0	0
Miscellaneous	4,303,187	4,838,457	2,500,000	1,415,000	1,415,000	1,415,000
<b>Total External Revenues</b>	<b>301,766,299</b>	<b>6,953,834</b>	<b>455,850,000</b>	<b>1,715,000</b>	<b>1,715,000</b>	<b>1,715,000</b>
Fund Transfers - Revenue	8,008,972	15,000,000	4,814,000	20,000,000	20,000,000	20,000,000
<b>Total Internal Revenues</b>	<b>8,008,972</b>	<b>15,000,000</b>	<b>4,814,000</b>	<b>20,000,000</b>	<b>20,000,000</b>	<b>20,000,000</b>
Beginning Fund Balance	97,225,874	219,547,617	50,000,000	238,500,000	238,500,000	238,500,000
<b>TOTAL RESOURCES</b>	<b>\$ 407,001,145</b>	<b>\$ 241,501,451</b>	<b>\$ 510,664,000</b>	<b>\$ 260,215,000</b>	<b>\$ 260,215,000</b>	<b>\$ 260,215,000</b>
<b>REQUIREMENTS</b>						
External Materials & Services	7,102	7,375	0	0	0	0
Internal Materials & Services	79,258	50,001	0	0	0	0
<b>Total Bureau Expenditures</b>	<b>86,360</b>	<b>57,376</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Contingency	0	0	219,313,406	31,372,387	31,372,387	31,372,387
Fund Transfers - Expense	183,219,964	168,497,773	285,350,594	228,842,613	228,842,613	228,842,613
Bond Issuance Costs	4,147,204	0	6,000,000	0	0	0
<b>Total Fund Requirements</b>	<b>187,367,168</b>	<b>168,497,773</b>	<b>510,664,000</b>	<b>260,215,000</b>	<b>260,215,000</b>	<b>260,215,000</b>
Ending Fund Balance	219,547,617	72,946,302	0	0	0	0
<b>TOTAL REQUIREMENTS</b>	<b>\$ 407,001,145</b>	<b>\$ 241,501,451</b>	<b>\$ 510,664,000</b>	<b>\$ 260,215,000</b>	<b>\$ 260,215,000</b>	<b>\$ 260,215,000</b>

**FUND OVERVIEW**

The Sewer System Construction Fund receives revenues to fund sewer system capital projects. Direct expenditures for capital projects are budgeted within the Sewer System Operating Fund and reimbursed by the Sewer System Construction Fund. The primary resources for the capital program are proceeds from the sale of sewer system revenue bonds, transfers from the Sewer System Operating Fund for cash financing of capital improvements, and line and branch charges from new sewer connections.

**Managing Agency** Bureau of Environmental Services

**SIGNIFICANT CHANGES FROM PRIOR YEAR**

Beginning Fund Balance of \$238.5 million reflects the sale of sewer revenue bonds in June 2010 to fund the capital improvement program for another 18-24 months.

State sources end after the FY 2009-10 receipt of State Business Energy Tax Credit of \$2.5 million for the Columbia Boulevard Wastewater Treatment Plant Co-Generation Facility.

Charges for Services is reduced from \$850,000 to \$300,000, the result of reduced cash Line & Branch charges into the Construction Fund; more of these revenues are received as Liens Receivable in the Operating Fund as the economy has caused a shift in payments from cash to contracts.

Fund Transfers - Revenue have increased from \$4.8 million to \$20 million, the result of additional resources in the Operating Fund.

Miscellaneous Revenues are projected to be down in FY 2010-11 due to lower projected rates of interest from Treasury.

Other Cash Transfer expenses of \$228.8 million reflect the reimbursement of the Operating Fund for CIP expenditures, which is slightly less in FY 2010-11 due to nearing the completion of the Eastside CSO project.

	Actual FY 2007-08	Actual FY 2008-09	Revised FY 2009-10	Proposed FY 2010-11	Approved FY 2010-11	Adopted FY 2010-11
<b>RESOURCES</b>						
Bond and Note	256,347,981	0	32,000,000	0	0	0
Miscellaneous	62,641	130,166	200,000	250,000	250,000	250,000
<b>Total External Revenues</b>	<b>256,410,622</b>	<b>130,166</b>	<b>32,200,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>
Fund Transfers - Revenue	109,353,748	120,996,424	120,400,000	150,945,000	150,945,000	150,945,000
<b>Total Internal Revenues</b>	<b>109,353,748</b>	<b>120,996,424</b>	<b>120,400,000</b>	<b>150,945,000</b>	<b>150,945,000</b>	<b>150,945,000</b>
Beginning Fund Balance	2,882,327	2,865,170	2,900,000	45,050,000	45,050,000	45,050,000
<b>TOTAL RESOURCES</b>	<b>\$ 368,646,697</b>	<b>\$ 123,991,760</b>	<b>\$ 155,500,000</b>	<b>\$ 196,245,000</b>	<b>\$ 196,245,000</b>	<b>\$ 196,245,000</b>
<b>REQUIREMENTS</b>						
Bond Expenses	365,781,527	120,995,415	120,569,336	151,294,300	151,294,300	151,294,300
Debt Service Reserves	0	0	34,930,664	42,100,000	42,100,000	42,100,000
<b>Total Fund Requirements</b>	<b>365,781,527</b>	<b>120,995,415</b>	<b>155,500,000</b>	<b>196,245,000</b>	<b>196,245,000</b>	<b>193,394,300</b>
Ending Fund Balance	2,865,170	2,996,345	0	2,850,700	2,850,700	2,850,700
<b>TOTAL REQUIREMENTS</b>	<b>\$ 368,646,697</b>	<b>\$ 123,991,760</b>	<b>\$ 155,500,000</b>	<b>\$ 196,245,000</b>	<b>\$ 196,245,000</b>	<b>\$ 196,245,000</b>

**FUND OVERVIEW**

This fund pays the principal and interest on revenue bonds, notes, and state loans issued to finance sewer system improvements.

**Managing Agency** Bureau of Environmental Services

**SIGNIFICANT CHANGES FROM PRIOR YEAR**

The fund is managed on a cash basis, with cash transfers from the Sewer System Operating Fund set to maintain a \$10,000 unrestricted ending cash balance, plus any restricted cash balances as required by bond and loan covenants. The increase in beginning fund balance is the result of a new cash reserve of \$42.1 million required by the sale of \$450 million of sewer bonds in June 2010. This reserve will be kept until the bonds are fully paid off in 25 years.

Debt service is paid from sewer and stormwater user charges and other revenues of the Sewer System Operating Fund, with cash transfers from the operating fund totaling \$150.9 million in FY 2010-11. The total amount of sewer system debt outstanding at the beginning of FY 2010-11 is estimated to be \$987.7 million for first lien bonded debt and \$777.0 million for second lien bonded debt, notes, and loans.

Debt Redemption Schedule

Bond Description	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>First Lien Sewer System Revenue Bonds, 2004 Series A</b>						
11/30/2004 - Due 10/1	163,500,000					
		2010/11	6,300,000	5.00%	6,482,725	12,782,725
		2011/12	6,630,000	5.00%	6,159,475	12,789,475
		2012/13	6,970,000	5.00%	5,819,475	12,789,475
		2013/14	7,320,000	5.00%	5,462,225	12,782,225
		2014/15	7,700,000	5.00%	5,086,725	12,786,725
		2015/16	8,090,000	5.00%	4,691,975	12,781,975
		2016/17	8,510,000	5.00%	4,276,975	12,786,975

Bond Description	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2017/18	8,900,000	4.00%	3,886,225	12,786,225
		2018/19	9,310,000	5.00%	3,475,475	12,785,475
		2019/20	9,790,000	5.00%	2,997,975	12,787,975
		2020/21	10,290,000	5.00%	2,495,975	12,785,975
		2021/22	10,770,000	4.25%	2,009,863	12,779,863
		2022/23	11,290,000	5.00%	1,498,750	12,788,750
		2023/24	11,860,000	5.00%	920,000	12,780,000
		2024/25	12,470,000	5.00%	311,750	12,781,750
		<b>TOTAL</b>	<b>136,200,000</b>		<b>55,575,588</b>	<b>191,775,588</b>
<b>First Lien Sewer System Revenue Refunding Bonds, 2004 Series B</b>						
11/30/2004 - Due 6/1	93,080,000					
		2010/11	1,750,000	5.00%	4,335,750	6,085,750
		2011/12	1,835,000	5.00%	4,248,250	6,083,250
		2012/13	1,930,000	5.00%	4,156,500	6,086,500
		2013/14	2,020,000	5.00%	4,060,000	6,080,000
		2014/15	2,125,000	5.00%	3,959,000	6,084,000
		2015/16	37,575,000	5.00%	3,852,750	41,427,750
		2016/17	39,480,000	5.00%	1,974,000	41,454,000
		<b>TOTAL</b>	<b>86,715,000</b>		<b>26,586,250</b>	<b>113,301,250</b>
<b>First Lien Sewer System Revenue Refunding Bonds, 2005 Series A</b>						
6/16/2005 - Due 8/1	144,850,000					
		2010/11	0		7,242,500	7,242,500
		2011/12	0		7,242,500	7,242,500
		2012/13	0		7,242,500	7,242,500
		2013/14	0		7,242,500	7,242,500
		2014/15	0		7,242,500	7,242,500
		2015/16	0		7,242,500	7,242,500
		2016/17	0		7,242,500	7,242,500
		2017/18	0		7,242,500	7,242,500
		2018/19	45,890,000	5.00%	6,095,250	51,985,250
		2019/20	48,250,000	5.00%	3,741,750	51,991,750
		2020/21	50,710,000	5.00%	1,267,750	51,977,750
		<b>TOTAL</b>	<b>144,850,000</b>		<b>69,044,750</b>	<b>213,894,750</b>
<b>First Lien Sewer System Revenue Bonds, 2006 Series A</b>						
5/25/2006 - Due 6/15	177,845,000					
		2010/11	4,615,000	5.00%	7,613,744	12,228,744
		2011/12	4,845,000	5.00%	7,382,994	12,227,994
		2012/13	5,090,000	5.00%	7,140,744	12,230,744
		2013/14	5,340,000	5.00%	6,886,244	12,226,244
		2014/15	5,610,000	5.00%	6,619,244	12,229,244
		2015/16	5,890,000	5.00%	6,338,744	12,228,744
		2016/17	6,185,000	5.00%	6,044,244	12,229,244
		2017/18	6,495,000	5.00%	5,734,994	12,229,994
		2018/19	6,820,000	4.50%	5,410,244	12,230,244
		2019/20	7,125,000	4.50%	5,103,344	12,228,344
		2020/21	7,445,000	4.63%	4,782,719	12,227,719
		2021/22	7,790,000	4.63%	4,438,388	12,228,388
		2022/23	8,150,000	4.75%	4,078,100	12,228,100
		2023/24	8,535,000	4.75%	3,690,975	12,225,975
		2024/25	8,945,000	4.75%	3,285,563	12,230,563
		2025/26	9,370,000	4.75%	2,860,675	12,230,675
		2026/27	9,810,000	4.50%	2,415,600	12,225,600
		2027/28	10,255,000	4.50%	1,974,150	12,229,150
		2028/29	10,715,000	4.50%	1,512,675	12,227,675
		2029/30	11,200,000	4.50%	1,030,500	12,230,500
		2030/31	11,700,000	4.50%	526,500	12,226,500

Bond Description	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		TOTAL	161,930,000		94,870,381	256,800,381
<b>First Lien Sewer System Revenue Refunding Bonds, 2007 Series A</b>						
3/8/2007 - Due 6/1	193,510,000					
		2010/11	25,940,000	5.00%	7,165,500	33,105,500
		2011/12	27,230,000	5.00%	5,868,500	33,098,500
		2012/13	28,590,000	5.00%	4,507,000	33,097,000
		2013/14	30,020,000	5.00%	3,077,500	33,097,500
		2014/15	31,530,000	5.00%	1,576,500	33,106,500
		TOTAL	143,310,000		22,195,000	165,505,000
<b>First Lien Sewer System Revenue Refunding Bonds, 2008 Series A</b>						
4/17/2008 - Due 6/15	333,015,000					
		2010/11	11,210,000	5.00%	15,148,675	26,358,675
		2011/12	11,760,000	5.00%	14,588,175	26,348,175
		2012/13	12,360,000	5.00%	14,000,175	26,360,175
		2013/14	12,975,000	5.00%	13,382,175	26,357,175
		2014/15	13,620,000	5.00%	12,733,425	26,353,425
		2015/16	14,305,000	5.00%	12,052,425	26,357,425
		2016/17	15,010,000	5.00%	11,337,175	26,347,175
		2017/18	58,060,000	5.00%	10,586,675	68,646,675
		2018/19	7,940,000	4.25%	7,683,675	15,623,675
		2019/20	8,275,000	4.25%	7,346,225	15,621,225
		2020/21	8,630,000	4.25%	6,994,538	15,624,538
		2021/22	8,995,000	4.50%	6,627,763	15,622,763
		2022/23	9,400,000	4.50%	6,222,988	15,622,988
		2023/24	9,820,000	4.75%	5,799,988	15,619,988
		2024/25	10,290,000	4.75%	5,333,538	15,623,538
		2025/26	10,780,000	4.75%	4,844,763	15,624,763
		2026/27	11,290,000	4.75%	4,332,713	15,622,713
		2027/28	11,825,000	4.75%	3,796,438	15,621,438
		2028/29	12,385,000	4.75%	3,234,750	15,619,750
		2029/30	12,975,000	4.75%	2,646,463	15,621,463
		2030/31	13,590,000	4.75%	2,030,150	15,620,150
		2031/32	14,235,000	4.75%	1,384,625	15,619,625
		2032/33	14,915,000	4.75%	708,463	15,623,463
		TOTAL	314,645,000		172,815,975	487,460,975
<b>TOTAL - First Lien Sewer Bonds</b>	1,105,800,000					
		2010/11	49,815,000		47,988,894	97,803,894
		2011/12	52,300,000		45,489,894	97,789,894
		2012/13	54,940,000		42,866,394	97,806,394
		2013/14	57,675,000		40,110,644	97,785,644
		2014/15	60,585,000		37,217,394	97,802,394
		2015/16	65,860,000		34,178,394	100,038,394
		2016/17	69,185,000		30,874,894	100,059,894
		2017/18	73,455,000		27,450,394	100,905,394
		2018/19	69,960,000		22,664,644	92,624,644
		2019/20	73,440,000		19,189,294	92,629,294
		2020/21	77,075,000		15,540,981	92,615,981
		2021/22	27,555,000		13,076,013	40,631,013
		2022/23	28,840,000		11,799,838	40,639,838
		2023/24	30,215,000		10,410,963	40,625,963
		2024/25	31,705,000		8,930,850	40,635,850
		2025/26	20,150,000		7,705,438	27,855,438
		2026/27	21,100,000		6,748,313	27,848,313
		2027/28	22,080,000		5,770,588	27,850,588
		2028/29	23,100,000		4,747,425	27,847,425
		2029/30	24,175,000		3,676,963	27,851,963
		2030/31	25,290,000		2,556,650	27,846,650

Bond Description	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2031/32	14,235,000		1,384,625	15,619,625
		2032/33	14,915,000		708,463	15,623,463
<b>TOTAL FIRST LIEN SEWER REVENUE BONDS</b>			987,650,000		441,087,944	1,428,737,944
<b>Second Lien Sewer System Revenue Refunding Bonds, 2003 Series A</b>						
04/03/2003 - Due 6/1	88,370,000					
		2010/11	2,110,000	5.25%	1,906,388	4,016,388
		2011/12	2,225,000	3.70%	1,795,613	4,020,613
		2012/13	2,305,000	5.25%	1,713,288	4,018,288
		2013/14	2,425,000	5.25%	1,592,275	4,017,275
		2014/15	2,555,000	5.25%	1,464,963	4,019,963
		2015/16	2,690,000	5.25%	1,330,825	4,020,825
		2016/17	2,830,000	5.25%	1,189,600	4,019,600
		2017/18	2,975,000	5.25%	1,041,025	4,016,025
		2018/19	3,135,000	5.25%	884,838	4,019,838
		2019/20	3,300,000	5.25%	720,250	4,020,250
		2020/21	3,470,000	5.00%	547,000	4,017,000
		2021/22	3,645,000	5.00%	373,500	4,018,500
		2022/23	3,825,000	5.00%	191,250	4,016,250
		<b>TOTAL</b>	37,490,000		14,750,813	52,240,813
<b>Second Lien Sewer System Revenue Bonds, 2006 Series B</b>						
5/25/2006 - Due 6/15	87,135,000					
		2010/11	2,225,000	5.00%	3,889,175	6,114,175
		2011/12	2,340,000	5.00%	3,777,925	6,117,925
		2012/13	2,455,000	5.00%	3,660,925	6,115,925
		2013/14	2,580,000	5.00%	3,538,175	6,118,175
		2014/15	2,705,000	5.00%	3,409,175	6,114,175
		2015/16	2,840,000	5.00%	3,273,925	6,113,925
		2016/17	2,985,000	5.00%	3,131,925	6,116,925
		2017/18	3,135,000	5.00%	2,982,675	6,117,675
		2018/19	3,290,000	5.00%	2,825,925	6,115,925
		2019/20	3,455,000	5.00%	2,661,425	6,116,425
		2020/21	3,625,000	5.00%	2,488,675	6,113,675
		2021/22	3,810,000	5.00%	2,307,425	6,117,425
		2022/23	4,000,000	5.00%	2,116,925	6,116,925
		2023/24	4,200,000	5.00%	1,916,925	6,116,925
		2024/25	4,410,000	5.00%	1,706,925	6,116,925
		2025/26	4,630,000	5.00%	1,486,425	6,116,425
		2026/27	4,860,000	5.00%	1,254,925	6,114,925
		2027/28	5,105,000	5.00%	1,011,925	6,116,925
		2028/29	5,360,000	4.50%	756,675	6,116,675
		2029/30	5,600,000	4.50%	515,475	6,115,475
		2030/31	5,855,000	4.50%	263,475	6,118,475
		<b>TOTAL</b>	79,465,000		48,977,025	128,442,025
<b>Second Lien Sewer System Revenue Refunding Bonds, 2008 Series B</b>						
4/17/2008 - Due 6/15	195,700,000					
		2010/11	1,405,000	5.00%	9,677,750	11,082,750
		2011/12	1,475,000	5.00%	9,607,500	11,082,500
		2012/13	1,545,000	5.00%	9,533,750	11,078,750
		2013/14	1,625,000	5.00%	9,456,500	11,081,500
		2014/15	1,705,000	5.00%	9,375,250	11,080,250
		2015/16	1,790,000	5.00%	9,290,000	11,080,000
		2016/17	1,880,000	5.00%	9,200,500	11,080,500
		2017/18	1,975,000	5.00%	9,106,500	11,081,500
		2018/19	7,445,000	5.00%	9,007,750	16,452,750
		2019/20	6,930,000	5.00%	8,635,500	15,565,500
		2020/21	7,625,000	5.00%	8,289,000	15,914,000
		2021/22	60,900,000	5.00%	7,907,750	68,807,750

Bond Description	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2022/23	63,970,000	5.00%	4,862,750	68,832,750
		2023/24	2,645,000	5.00%	1,664,250	4,309,250
		2024/25	2,780,000	5.00%	1,532,000	4,312,000
		2025/26	2,920,000	5.00%	1,393,000	4,313,000
		2026/27	3,065,000	5.00%	1,247,000	4,312,000
		2027/28	3,215,000	5.00%	1,093,750	4,308,750
		2028/29	3,375,000	5.00%	933,000	4,308,000
		2029/30	3,545,000	5.00%	764,250	4,309,250
		2030/31	3,725,000	5.00%	587,000	4,312,000
		2031/32	3,910,000	5.00%	400,750	4,310,750
		2032/33	4,105,000	5.00%	205,250	4,310,250
		<b>TOTAL</b>	<b>193,555,000</b>		<b>123,770,750</b>	<b>317,325,750</b>
<b>Projected 2010 Bonds</b>						
August 2010	TBD					
		2010/11	12,204,543	5.00%	18,071,926	30,276,469
		<b>TOTAL</b>	<b>12,204,543</b>		<b>18,071,926</b>	<b>30,276,469</b>
<b>TOTAL - Second Lien Sewer Bonds</b>	371,205,000					
		2010/11	17,944,543		33,545,238	51,489,781
		2011/12	6,040,000		15,181,038	21,221,038
		2012/13	6,305,000		14,907,963	21,212,963
		2013/14	6,630,000		14,586,950	21,216,950
		2014/15	6,965,000		14,249,388	21,214,388
		2015/16	7,320,000		13,894,750	21,214,750
		2016/17	7,695,000		13,522,025	21,217,025
		2017/18	8,085,000		13,130,200	21,215,200
		2018/19	13,870,000		12,718,513	26,588,513
		2019/20	13,685,000		12,017,175	25,702,175
		2020/21	14,720,000		11,324,675	26,044,675
		2021/22	68,355,000		10,588,675	78,943,675
		2022/23	71,795,000		7,170,925	78,965,925
		2023/24	6,845,000		3,581,175	10,426,175
		2024/25	7,190,000		3,238,925	10,428,925
		2025/26	7,550,000		2,879,425	10,429,425
		2026/27	7,925,000		2,501,925	10,426,925
		2027/28	8,320,000		2,105,675	10,425,675
		2028/29	8,735,000		1,689,675	10,424,675
		2029/30	9,145,000		1,279,725	10,424,725
		2030/31	9,580,000		850,475	10,430,475
		2031/32	3,910,000		400,750	4,310,750
		2032/33	4,105,000		205,250	4,310,250
<b>TOTAL SECOND LIEN SEWER REVENUE BONDS</b>			<b>322,714,543</b>		<b>205,570,513</b>	<b>528,285,056</b>
<b>Department of Environmental Quality - Clean Water Loan #R74163</b>						
Due - 8/1 & 2/1	2,326,248					
		2010/11	114,093	1.00%	19,409	133,502
		2011/12	115,237	1.00%	18,265	133,502
		2012/13	116,392	1.00%	17,110	133,502
		2013/14	117,559	1.00%	15,943	133,502
		2014/15	118,737	1.00%	14,765	133,502
		2015/16	119,927	1.00%	13,575	133,502
		2016/17	121,130	1.00%	12,372	133,502
		2017/18	122,344	1.00%	11,158	133,502
		2018/19	123,570	1.00%	9,932	133,502
		2019/20	124,809	1.00%	8,693	133,502
		2020/21	126,060	1.00%	7,442	133,502
		2021/22	127,324	1.00%	6,178	133,502
		2022/23	128,601	1.00%	4,901	133,502

Bond Description	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2023/24	129,890	1.00%	3,612	133,502
		2024/25	131,192	1.00%	2,310	133,502
		2025/26	132,525	1.00%	995	133,520
		<b>TOTAL</b>	<b>1,969,390</b>		<b>166,660</b>	<b>2,136,050</b>
<b>Department of Environmental Quality - Clean Water Loan #R74165</b>						
Due - 12/1 & 6/1	4,158,000					
		2010/11	194,926.00	1.00%	33,160.00	228,086
		2011/12	196,879.00	1.00%	31,207.00	228,086
		2012/13	198,854.00	1.00%	29,232.00	228,086
		2013/14	200,847.00	1.00%	27,239.00	228,086
		2014/15	202,860.00	1.00%	25,226.00	228,086
		2015/16	204,895.00	1.00%	23,191.00	228,086
		2016/17	206,948.00	1.00%	21,138.00	228,086
		2017/18	209,023.00	1.00%	19,063.00	228,086
		2018/19	211,118.00	1.00%	16,968.00	228,086
		2019/20	213,235.00	1.00%	14,851.00	228,086
		2020/21	215,373.00	1.00%	12,713.00	228,086
		2021/22	217,532.00	1.00%	10,554.00	228,086
		2022/23	219,712.00	1.00%	8,374.00	228,086
		2023/24	221,915.00	1.00%	6,171.00	228,086
		2024/25	224,139.00	1.00%	3,947.00	228,086
		2025/26	226,392.00	1.00%	1,699.00	228,091
		<b>TOTAL</b>	<b>3,364,648</b>		<b>284,733</b>	<b>3,649,381</b>
<b>Department of Environmental Quality - Clean Water Loan #R74166</b>						
Due - 4/1 & 10/1	400,000					
		2010/11	41,201.00	1.13%	233.00	41,434
		<b>TOTAL</b>	<b>41,201</b>		<b>233</b>	<b>41,434</b>
<b>Department of Environmental Quality - Clean Water Loan #R74167</b>						
Due - 12/1 & 6/1	4,272,068					
		2010/11	205,516.00	1.00%	36,164.00	241,680
		2011/12	207,576.00	1.00%	34,104.00	241,680
		2012/13	209,657.00	1.00%	32,023.00	241,680
		2013/14	211,758.00	1.00%	29,922.00	241,680
		2014/15	213,882.00	1.00%	27,798.00	241,680
		2015/16	216,026.00	1.00%	25,654.00	241,680
		2016/17	218,192.00	1.00%	23,488.00	241,680
		2017/18	220,379.00	1.00%	21,301.00	241,680
		2018/19	222,589.00	1.00%	19,091.00	241,680
		2019/20	224,819.00	1.00%	16,861.00	241,680
		2020/21	227,074.00	1.00%	14,606.00	241,680
		2021/22	229,350.00	1.00%	12,330.00	241,680
		2022/23	231,649.00	1.00%	10,031.00	241,680
		2023/24	233,971.00	1.00%	7,709.00	241,680
		2024/25	236,317.00	1.00%	5,363.00	241,680
		2025/26	238,686.00	1.00%	2,994.00	241,680
		2026/27	120,238.00	1.00%	601.00	120,839
		<b>TOTAL</b>	<b>3,667,679</b>		<b>320,040</b>	<b>3,987,719</b>
<b>Department of Environmental Quality - Clean Water Loan #R74168</b>						
Due - 12/1 & 6/1	1,482,454					
		2010/11	71,260.00	1.00%	12,540.00	83,800
		2011/12	71,975.00	1.00%	11,825.00	83,800
		2012/13	72,697.00	1.00%	11,103.00	83,800
		2013/14	73,425.00	1.00%	10,375.00	83,800
		2014/15	74,161.00	1.00%	9,639.00	83,800
		2015/16	74,905.00	1.00%	8,895.00	83,800



Bond Description	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2016/17	75,655.00	1.00%	8,145.00	83,800
		2017/18	76,414.00	1.00%	7,386.00	83,800
		2018/19	77,180.00	1.00%	6,620.00	83,800
		2019/20	77,954.00	1.00%	5,846.00	83,800
		2020/21	78,735.00	1.00%	5,065.00	83,800
		2021/22	79,524.00	1.00%	4,276.00	83,800
		2022/23	80,322.00	1.00%	3,478.00	83,800
		2023/24	81,127.00	1.00%	2,673.00	83,800
		2024/25	81,940.00	1.00%	1,860.00	83,800
		2025/26	82,762.00	1.00%	1,038.00	83,800
		2026/27	41,694.00	1.00%	208.00	41,902
		<b>TOTAL</b>	<b>1,271,730</b>		<b>110,972</b>	<b>1,382,702</b>
<b>Department of Environmental Quality - Clean Water Loan #R74169</b>						
Due - 4/1 & 10/1	1,149,012					
		2010/11	55,552.00	1.00%	9,450.00	65,002
		2011/12	56,108.00	1.00%	8,894.00	65,002
		2012/13	56,671.00	1.00%	8,331.00	65,002
		2013/14	57,239.00	1.00%	7,763.00	65,002
		2014/15	57,813.00	1.00%	7,189.00	65,002
		2015/16	58,392.00	1.00%	6,610.00	65,002
		2016/17	58,978.00	1.00%	6,024.00	65,002
		2017/18	59,569.00	1.00%	5,433.00	65,002
		2018/19	60,166.00	1.00%	4,836.00	65,002
		2019/20	60,770.00	1.00%	4,232.00	65,002
		2020/21	61,379.00	1.00%	3,623.00	65,002
		2021/22	61,994.00	1.00%	3,008.00	65,002
		2022/23	62,616.00	1.00%	2,386.00	65,002
		2023/24	63,244.00	1.00%	1,758.00	65,002
		2024/25	63,877.00	1.00%	1,125.00	65,002
		2025/26	64,519.00	1.00%	485.00	65,004
		<b>TOTAL</b>	<b>958,887</b>		<b>81,147</b>	<b>1,040,034</b>
<b>Department of Environmental Quality - Clean Water Loan #R74170</b>						
Due - 4/1 & 10/1	5,534,000					
		2010/11	266,223	1.00%	46,847	313,070
		2011/12	268,892	1.00%	44,178	313,070
		2012/13	271,587	1.00%	41,483	313,070
		2013/14	274,310	1.00%	38,760	313,070
		2014/15	277,061	1.00%	36,009	313,070
		2015/16	279,838	1.00%	33,232	313,070
		2016/17	282,643	1.00%	30,427	313,070
		2017/18	285,476	1.00%	27,594	313,070
		2018/19	288,339	1.00%	24,731	313,070
		2019/20	291,229	1.00%	21,841	313,070
		2020/21	294,149	1.00%	18,921	313,070
		2021/22	297,097	1.00%	15,973	313,070
		2022/23	300,076	1.00%	12,994	313,070
		2023/24	303,084	1.00%	9,986	313,070
		2024/25	306,123	1.00%	6,947	313,070
		2025/26	309,191	1.00%	3,879	313,070
		2026/27	155,762	1.00%	779	156,541
		<b>TOTAL</b>	<b>4,751,080</b>		<b>414,581</b>	<b>5,165,661</b>
<b>Department of Environmental Quality - Clean Water Loan #R74172</b>						
Due - 2/1 & 8/1	100,000					
		2010/11	4,112	2.72%	2,530	6,642
		2011/12	4,225	2.72%	2,417	6,642
		2012/13	4,340	2.72%	2,302	6,642
		2013/14	4,460	2.72%	2,182	6,642
		2014/15	4,581	2.72%	2,061	6,642

Bond Description	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2015/16	4,706	2.72%	1,936	6,642
		2016/17	4,835	2.72%	1,807	6,642
		2017/18	4,968	2.72%	1,674	6,642
		2018/19	5,104	2.72%	1,538	6,642
		2019/20	5,244	2.72%	1,398	6,642
		2020/21	5,388	2.72%	1,254	6,642
		2021/22	5,535	2.72%	1,107	6,642
		2022/23	5,686	2.72%	956	6,642
		2023/24	5,842	2.72%	800	6,642
		2024/25	6,002	2.72%	640	6,642
		2025/26	6,166	2.72%	476	6,642
		2026/27	6,335	2.72%	307	6,642
		2027/28	6,507	2.72%	133	6,640
		<b>TOTAL</b>	<b>94,036</b>		<b>25,518</b>	<b>119,554</b>
<b>Department of Environmental Quality - Clean Water Loans Projected</b>						
Projected	N/A					
		2010/11	358,876		73,912	432,788
		<b>TOTAL</b>	<b>358,876</b>		<b>73,912</b>	<b>432,788</b>
<b>Wastewater Financing - Economic Development Loan</b>						
10/08/1997 - Due 12/1	700,000					
		2010/11	36,442	4.91%	18,179	54,621
		2011/12	41,764	4.91%	16,357	58,121
		2012/13	42,103	4.91%	14,269	56,372
		2013/14	42,457	4.91%	12,163	54,620
		2014/15	47,831	4.91%	10,041	57,872
		2015/16	48,223	4.91%	7,649	55,872
		2016/17	48,634	4.91%	5,237	53,871
		2017/18	54,073	4.91%	2,757	56,830
		<b>TOTAL</b>	<b>361,527</b>		<b>86,652</b>	<b>448,179</b>
<b>Projected Line of Credit</b>						
03/31/2010 - Due 8/31	160,000,000					
		2010/11	0	variable	400,000	400,000
		<b>TOTAL</b>	<b>0</b>		<b>400,000</b>	<b>400,000</b>
<b>TOTAL - Third Lien Debt</b>						
	177,795,534					
		2010/11	1,348,201		652,424	2,000,625
		2011/12	962,656		167,247	1,129,903
		2012/13	972,301		155,853	1,128,154
		2013/14	982,055		144,347	1,126,402
		2014/15	996,926		132,728	1,129,654
		2015/16	1,006,912		120,742	1,127,654
		2016/17	1,017,015		108,638	1,125,653
		2017/18	1,032,246		96,366	1,128,612
		2018/19	988,066		83,716	1,071,782
		2019/20	998,060		73,722	1,071,782
		2020/21	1,008,158		63,624	1,071,782
		2021/22	1,018,356		53,426	1,071,782
		2022/23	1,028,662		43,120	1,071,782
		2023/24	1,039,073		32,709	1,071,782
		2024/25	1,049,590		22,192	1,071,782
		2025/26	1,060,241		11,566	1,071,807
		2026/27	324,029		1,895	325,924
		2027/28	6,507		133	6,640
<b>TOTAL STATE LOANS</b>			<b>16,839,054</b>		<b>1,964,448</b>	<b>18,803,502</b>

**COMBINED DEBT SERVICE**

Bond Description	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
	1,654,800,534					
		2010/11	69,107,744		82,186,556	151,294,300
		2011/12	59,302,656		60,838,178	120,140,834
		2012/13	62,217,301		57,930,209	120,147,510
		2013/14	65,287,055		54,841,941	120,128,996
		2014/15	68,546,926		51,599,509	120,146,435
		2015/16	74,186,912		48,193,886	122,380,798
		2016/17	77,897,015		44,505,557	122,402,572
		2017/18	82,572,246		40,676,960	123,249,206
		2018/19	84,818,066		35,466,872	120,284,938
		2019/20	88,123,060		31,280,191	119,403,251
		2020/21	92,803,158		26,929,280	119,732,438
		2021/22	96,928,356		23,718,114	120,646,470
		2022/23	101,663,662		19,013,883	120,677,545
		2023/24	38,099,073		14,024,847	52,123,920
		2024/25	39,944,590		12,191,967	52,136,557
		2025/26	28,760,241		10,596,429	39,356,670
		2026/27	29,349,029		9,252,133	38,601,162
		2027/28	30,406,507		7,876,396	38,282,903
		2028/29	31,835,000		6,437,100	38,272,100
		2029/30	33,320,000		4,956,688	38,276,688
		2030/31	34,870,000		3,407,125	38,277,125
		2031/32	18,145,000		1,785,375	19,930,375
		2032/33	19,020,000		913,713	19,933,713
<b>TOTAL FUND DEBT SERVICE</b>			<b>\$1,327,203,597</b>		<b>\$ 648,622,905</b>	<b>\$1,975,826,502</b>

# Sewer System Operating Fund

## FUND SUMMARY

Public Utilities Service Area

	Actual FY 2007-08	Actual FY 2008-09	Revised FY 2009-10	Proposed FY 2010-11	Approved FY 2010-11	Adopted FY 2010-11
<b>RESOURCES</b>						
Licenses & Permits	1,287,994	1,094,165	1,500,000	1,270,000	1,344,208	1,344,208
Charges for Services	214,160,334	222,896,330	236,774,193	246,001,716	249,703,988	249,653,988
Intergovernmental	978,535	869,205	0	0	0	0
Bond and Note	423,096	33,297	600,000	450,000	450,000	450,000
Miscellaneous	2,090,843	1,631,347	1,415,000	695,000	695,000	695,000
<b>Total External Revenues</b>	<b>218,940,802</b>	<b>226,524,344</b>	<b>240,289,193</b>	<b>248,416,716</b>	<b>252,193,196</b>	<b>252,143,196</b>
Fund Transfers - Revenue	185,105,659	179,007,656	301,768,813	258,954,613	258,954,613	259,004,613
Interagency Revenue	1,644,891	1,744,059	4,019,020	1,811,773	1,811,773	1,811,773
<b>Total Internal Revenues</b>	<b>186,750,550</b>	<b>180,751,715</b>	<b>305,787,833</b>	<b>260,766,386</b>	<b>260,766,386</b>	<b>260,816,386</b>
Beginning Fund Balance	48,142,145	37,402,527	25,051,401	42,200,000	42,200,000	42,200,000
<b>TOTAL RESOURCES</b>	<b>\$ 453,833,497</b>	<b>\$ 444,678,586</b>	<b>\$ 571,128,427</b>	<b>\$ 551,383,102</b>	<b>\$ 555,159,582</b>	<b>\$ 555,159,582</b>
<b>REQUIREMENTS</b>						
Personal Services	45,134,085	48,205,484	52,635,327	52,919,790	54,438,030	54,438,000
External Materials & Services	48,461,770	54,483,953	59,200,624	43,153,315	42,936,978	42,975,042
Internal Materials & Services	30,879,923	32,451,544	39,953,202	38,159,612	38,211,428	38,216,745
Capital Expenses	140,401,628	112,059,129	229,360,995	181,220,291	183,586,534	183,369,034
<b>Total Bureau Expenditures</b>	<b>264,877,406</b>	<b>247,200,110</b>	<b>381,150,148</b>	<b>315,453,008</b>	<b>319,172,970</b>	<b>318,998,821</b>
Contingency	0	0	24,040,279	38,822,412	38,868,930	39,043,079
Fund Transfers - Expense	156,469,372	158,247,365	152,226,572	195,001,848	195,011,848	195,011,848
Bond Expenses	6,490,412	1,589,547	13,391,428	1,905,834	1,905,834	1,905,834
Bond Issuance Costs	415,614	102,499	120,000	0	0	0
Debt Service Reserves	0	0	200,000	200,000	200,000	200,000
<b>Total Fund Requirements</b>	<b>163,375,398</b>	<b>159,939,411</b>	<b>189,978,279</b>	<b>235,930,094</b>	<b>235,986,612</b>	<b>236,160,761</b>
Ending Fund Balance	25,580,693	37,539,065	0	0	0	0
<b>TOTAL REQUIREMENTS</b>	<b>\$ 453,833,497</b>	<b>\$ 444,678,586</b>	<b>\$ 571,128,427</b>	<b>\$ 551,383,102</b>	<b>\$ 555,159,582</b>	<b>\$ 555,159,582</b>

## FUND OVERVIEW

The purpose of the Sewer System Operating Fund is to account for revenues and expenses associated with the development, maintenance, and operation of the City's sanitary sewer and storm drainage system. Fund resources include sewer and drainage charges, wholesale contract revenues from other governmental jurisdictions, reimbursements for services provided to other bureaus, and reimbursements from the Sewer System Construction Fund for capital expenses.

**Managing Agency** Bureau of Environmental Services

## SIGNIFICANT CHANGES FROM PRIOR YEAR

### Resources

*Sewer rate revenues of \$238.1 million are the largest source of revenue.*

Service charges and fees, which include sewer rate revenues, connection charges, wholesale contract revenues, and other miscellaneous charges, are forecast to increase to about \$249.6 million for FY 2010-11. Sewer rate revenues, budgeted at approximately \$238.1 million, are based on the following assumptions: an average single family residential bill increase of 6.35%, an increase of 0.5% in the number of customer accounts, and a 1.5% decrease in usage per customer. Connection charge receipts are projected to be \$9.5 million in FY 2010-11.

**Requirements**

Personal Services are budgeted to increase 3.4% over the FY 2009-10 Revised Budget. Increases include \$1.1 million of current year cost of living adjustments included in the FY 2010-11 Adopted Budget that are not reflected in the FY 2009-10 Revised Budget. Additionally, health benefits have increased 8.73%. Eliminated or unfunded positions saving \$520,000 include an insurance specialist, a laboratory analyst, and two policy positions. Two positions, a painter and an Engineering Technician II, have been unfunded for one year. Additionally, over \$150,000 in intern program support has been cut.

External materials and services budget decreased by \$16.2 million, \$15.5 million attributable to the CIP program moving large projects from the design phases into construction. The operating portion of the budget decreased by nearly \$700,000 or 2.7% from ongoing internal reductions of over \$1.8 million offset by \$400,000 for facility planning and \$700,000 for additional wholesale treatment costs paid to Clean Water Services while the Fanno pressure line is under repair.

Internal materials and services decreased about \$1.7 million or 4.3%, \$1.4 million within the CIP program. Within the operating budget, affecting the variance, are the discontinuation of payments to the Green Investment Fund of \$190,000 and internal services savings of over \$100,000.

Capital outlay is \$183.4 million in FY 2010-11 versus about \$229.4 million in the FY 2009-10 Revised Budget. The Revised Budget capital outlay was increased by \$37.6 million to provide continuing resources for the Balch Creek Conduit, Portsmouth Force Main and the Eastside Streetcar. Reducing the variance of \$46.0 million for fall budget adjustments, the real capital outlay reduction is \$8.4 million, which reflects a decline in large Combined Sewer Overflow (CSO) construction projects as that program comes to an end.

**Cash Transfers and  
General Fund  
Overhead**

General Fund overhead decreased \$67,000, due to the reassignment of EBS project financing (\$750,000) shifted to an internal material and services account. Cash transfers to other funds are budgeted at \$195.0 million for FY 2010-11. Reasons for the change from the FY 2009-10 Revised Budget of \$151.9 million include:

- ◆ Transfers to the Sewer System Construction Fund are budgeted at \$20.0 million in the FY 2010-11 Adopted Budget, a \$15.0 million increase from the FY 2009-10 Revised Budget.
- ◆ Transfers to the Sewer System Debt Redemption Fund are budgeted at \$150.9 million, compared to the FY 2009-10 Revised Budget of \$120.0 million, due to the planned sale of \$450 million of sewer revenue bonds in June 2010.
- ◆ Transfers to the Sewer System Rate Stabilization Fund decreased from \$5.0 million in the FY 2009-10 Revised Budget to zero as the Rate Stabilization Fund will help pay for the increased debt service on the new bonds.
- ◆ Transfers to the Environmental Remediation Fund for Portland Harbor Superfund expenditures are budgeted at \$5.3 million, reflecting a slight increase of \$140,000 for activities related to source control, Comprehensive Environmental Response, and Compensation and Liability Act (CERCLA) program activities.

# Sewer System Rate Stabilization Fund

## FUND SUMMARY

Public Utilities Service Area

	Actual FY 2007-08	Actual FY 2008-09	Revised FY 2009-10	Proposed FY 2010-11	Approved FY 2010-11	Adopted FY 2010-11
<b>RESOURCES</b>						
Miscellaneous	2,572,680	2,152,496	750,000	450,000	450,000	450,000
<b>Total External Revenues</b>	<b>2,572,680</b>	<b>2,152,496</b>	<b>750,000</b>	<b>450,000</b>	<b>450,000</b>	<b>450,000</b>
Fund Transfers - Revenue	17,000,000	0	5,000,000	0	0	0
<b>Total Internal Revenues</b>	<b>17,000,000</b>	<b>0</b>	<b>5,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	57,007,877	76,462,557	67,100,000	60,800,000	60,800,000	60,800,000
<b>TOTAL RESOURCES</b>	<b>\$ 76,580,557</b>	<b>\$ 78,615,053</b>	<b>\$ 72,850,000</b>	<b>\$ 61,250,000</b>	<b>\$ 61,250,000</b>	<b>\$ 61,250,000</b>
<b>REQUIREMENTS</b>						
Contingency	0	0	56,850,000	31,250,000	31,250,000	31,250,000
Fund Transfers - Expense	118,000	10,000,000	16,000,000	30,000,000	30,000,000	30,000,000
<b>Total Fund Requirements</b>	<b>118,000</b>	<b>10,000,000</b>	<b>72,850,000</b>	<b>61,250,000</b>	<b>61,250,000</b>	<b>61,250,000</b>
Ending Fund Balance	76,462,557	68,615,053	0	0	0	0
<b>TOTAL REQUIREMENTS</b>	<b>\$ 76,580,557</b>	<b>\$ 78,615,053</b>	<b>\$ 72,850,000</b>	<b>\$ 61,250,000</b>	<b>\$ 61,250,000</b>	<b>\$ 61,250,000</b>

## FUND OVERVIEW

The Sewer System Rate Stabilization Fund was created in 1987 to enable the Bureau of Environmental Services to smooth forecast rate increases by managing fluctuations in sewer system revenues over several years. To calculate debt service coverage ratios, the bureau's master bond ordinance requires Sewer System Operating Fund transfers to this fund to be treated as operating expenditures; similarly, transfers to the operating fund from this fund are treated as operating revenues.

Fund balances were built up through FY 1996-97 and drawn down through FY 2001-02 to smooth annual rate increases. Since then and through FY 2009-10, transfers in from the operating fund built up the fund balance to offset future rate increases associated with construction of the Eastside Combined Sewer Overflow Tunnel. Fund balances will again be drawn down starting in FY 2010-11.

**Managing Agency** Bureau of Environmental Services

## SIGNIFICANT CHANGES FROM PRIOR YEAR

Miscellaneous revenues are budgeted lower in FY 2010-11 due to lower cash balances.

Fund transfer expenses are projected to rise significantly from the prior year to smooth the rate impact from the 25 percent increase in debt service payments resulting from the June 2010 sewer bond sale, the largest single bond sale in the Bureau's history.

	Actual FY 2007-08	Actual FY 2008-09	Revised FY 2009-10	Proposed FY 2010-11	Approved FY 2010-11	Adopted FY 2010-11
<b>RESOURCES</b>						
Licenses & Permits	2,070,267	2,310,593	2,282,964	2,508,815	2,508,815	2,508,815
Charges for Services	1,201,246	1,518,434	1,473,877	1,440,200	1,606,440	1,606,440
Intergovernmental	588,482	60,246	0	0	0	0
Miscellaneous	203,509	101,154	74,133	64,418	64,418	64,418
<b>Total External Revenues</b>	<b>4,063,504</b>	<b>3,990,427</b>	<b>3,830,974</b>	<b>4,013,433</b>	<b>4,179,673</b>	<b>4,179,673</b>
Fund Transfers - Revenue	42,567	3,065	1,681	0	0	0
Interagency Revenue	94,843	118,740	98,740	60,000	60,000	60,000
<b>Total Internal Revenues</b>	<b>137,410</b>	<b>121,805</b>	<b>100,421</b>	<b>60,000</b>	<b>60,000</b>	<b>60,000</b>
Beginning Fund Balance	5,055,598	4,551,717	4,143,967	3,299,128	3,299,128	3,299,128
<b>TOTAL RESOURCES</b>	<b>\$ 9,256,512</b>	<b>\$ 8,663,949</b>	<b>\$ 8,075,362</b>	<b>\$ 7,372,561</b>	<b>\$ 7,538,801</b>	<b>\$ 7,538,801</b>
<b>REQUIREMENTS</b>						
Personal Services	1,405,369	1,238,636	1,501,586	1,779,186	1,779,186	1,779,186
External Materials & Services	1,459,550	1,052,440	1,455,164	2,139,281	2,192,188	2,192,188
Internal Materials & Services	1,017,043	1,044,944	1,067,007	1,282,964	1,407,264	1,407,264
<b>Total Bureau Expenditures</b>	<b>3,881,962</b>	<b>3,336,020</b>	<b>4,023,757</b>	<b>5,201,431</b>	<b>5,378,638</b>	<b>5,378,638</b>
Contingency	0	0	35,774	0	0	0
Fund Transfers - Expense	789,219	973,718	923,518	235,601	235,601	235,601
Bond Expenses	35,062	35,008	44,854	37,063	37,063	37,063
<b>Total Fund Requirements</b>	<b>824,281</b>	<b>1,008,726</b>	<b>1,004,146</b>	<b>272,664</b>	<b>272,664</b>	<b>272,664</b>
Ending Fund Balance	4,550,269	4,319,203	3,047,459	1,898,466	1,887,499	1,887,499
<b>TOTAL REQUIREMENTS</b>	<b>\$ 9,256,512</b>	<b>\$ 8,663,949</b>	<b>\$ 8,075,362</b>	<b>\$ 7,372,561</b>	<b>\$ 7,538,801</b>	<b>\$ 7,538,801</b>

**FUND OVERVIEW**

The Solid Waste Management Fund accounts for expenses and revenues associated with the City's oversight of solid waste collection activities in Portland and the City's efforts to reduce the amount of solid waste through recycling and waste reduction.

The fund supports the Bureau of Planning and Sustainability's Solid Waste and Recycling program and Training, Education, and Outreach program. The fund also supports various sustainability activities within other bureaus.

Revenue sources for the Solid Waste Management Fund include residential franchise, commercial tonnage, and permit fees. Managing Agency

Bureau of Planning and Sustainability

**SIGNIFICANT CHANGES FROM PRIOR YEAR**

**Residential Franchise Rate Increase** Residential franchise fees are set at 5% of haulers' gross revenue, and commercial tonnage fees are set at \$6.80 per ton for garbage disposal, an increase of \$1.00 per ton over the FY 2009-10 rates.

# Water Bond Sinking Fund

## FUND SUMMARY

Public Utilities Service Area

	Actual FY 2007-08	Actual FY 2008-09	Revised FY 2009-10	Proposed FY 2010-11	Approved FY 2010-11	Adopted FY 2010-11
<b>RESOURCES</b>						
Bond and Note	0	5,398,544	7,459,000	7,289,000	7,289,000	6,276,000
Miscellaneous	879	156,100	100,409	110,956	110,956	106,904
<b>Total External Revenues</b>	<b>879</b>	<b>5,554,644</b>	<b>7,559,409</b>	<b>7,399,956</b>	<b>7,399,956</b>	<b>6,382,904</b>
Fund Transfers - Revenue	18,421,465	21,107,883	23,740,488	28,195,415	28,195,415	28,199,467
<b>Total Internal Revenues</b>	<b>18,421,465</b>	<b>21,107,883</b>	<b>23,740,488</b>	<b>28,195,415</b>	<b>28,195,415</b>	<b>28,199,467</b>
Beginning Fund Balance	16,434	879	5,398,544	10,320,038	10,320,038	10,320,038
<b>TOTAL RESOURCES</b>	<b>\$ 18,438,778</b>	<b>\$ 26,663,406</b>	<b>\$ 36,698,441</b>	<b>\$ 45,915,409</b>	<b>\$ 45,915,409</b>	<b>\$ 44,902,409</b>
<b>REQUIREMENTS</b>						
Bond Expenses	18,437,899	21,161,383	23,840,898	28,306,371	28,306,371	28,306,371
Debt Service Reserves	0	0	12,857,543	17,609,038	17,609,038	16,596,038
<b>Total Fund Requirements</b>	<b>18,437,899</b>	<b>21,161,383</b>	<b>36,698,441</b>	<b>45,915,409</b>	<b>45,915,409</b>	<b>44,902,409</b>
Ending Fund Balance	879	5,502,023	0	0	0	0
<b>TOTAL REQUIREMENTS</b>	<b>\$ 18,438,778</b>	<b>\$ 26,663,406</b>	<b>\$ 36,698,441</b>	<b>\$ 45,915,409</b>	<b>\$ 45,915,409</b>	<b>\$ 44,902,409</b>

## FUND OVERVIEW

The Water Bond Sinking Fund pays for principal and interest on revenue bonds issued to finance water system improvements.

**Managing Agency** Portland Water Bureau

## SIGNIFICANT CHANGES FROM PRIOR YEAR

The primary fund resource in FY 2010-11 is a transfer from the Water Fund of \$27.9 million. The Water Construction Fund will provide a \$300,000 transfer of interest earnings on bond proceeds. A Bond Reserve Account of \$6.3 million will be established with the 2011 bond sale.

## Debt Redemption Schedule

Bond Description	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>General Obligation Water Refunding Bonds, 2004 Series C</b>						
06/09/2004 - Due 10/1	7,640,000					
		2010/11	1,590,000	3.40%	27,030	1,617,030
		<b>TOTAL</b>	<b>1,590,000</b>		<b>27,030</b>	<b>1,617,030</b>
<b>Water System Revenue Bonds, 2000 Series A</b>						
03/15/2000 - Due 08/01	35,000,000					
		2010/11	760,000		19,000	779,000
		<b>TOTAL</b>	<b>760,000</b>		<b>19,000</b>	<b>779,000</b>
<b>Water System Revenue Refunding Bonds, 2004 Series A</b>						
05/06/04 - Due 10/1	29,900,000					
		2010/11	2,570,000	5.00%	745,575	3,315,575
		2011/12	2,705,000	5.00%	613,700	3,318,700
		2012/13	2,830,000	4.50%	482,400	3,312,400
		2013/14	2,965,000	4.50%	352,013	3,317,013
		2014/15	3,100,000	4.50%	215,550	3,315,550
		2015/16	3,240,000	4.50%	72,900	3,312,900
		<b>TOTAL</b>	<b>17,410,000</b>		<b>2,482,138</b>	<b>19,892,138</b>



Bond Description	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>Water System Revenue Bonds, 2004 Series B</b>						
05/06/04 - Due 10/1	61,900,000					
		2010/11	2,500,000	5.00%	2,240,300	4,740,300
		2011/12	2,630,000	5.00%	2,112,050	4,742,050
		2012/13	2,760,000	5.00%	1,977,300	4,737,300
		2013/14	2,900,000	5.00%	1,835,800	4,735,800
		2014/15	3,040,000	4.00%	1,702,500	4,742,500
		2015/16	3,160,000	4.00%	1,578,500	4,738,500
		2016/17	3,310,000	5.00%	1,432,550	4,742,550
		2017/18	3,480,000	5.00%	1,262,800	4,742,800
		2018/19	3,650,000	4.75%	1,089,113	4,739,113
		2019/20	3,830,000	4.75%	911,463	4,741,463
		2020/21	4,010,000	4.50%	730,275	4,740,275
		2021/22	4,190,000	4.50%	545,775	4,735,775
		2022/23	4,400,000	5.00%	341,500	4,741,500
		2023/24	4,630,000	5.00%	115,750	4,745,750
		TOTAL	48,490,000		17,875,675	66,365,675
<b>Water System Revenue Refunding Bonds, 2006 Series B</b>						
09/21/06 - Due 10/1	44,000,000					
		2010/11	1,290,000	4.00%	1,802,406	3,092,406
		2011/12	1,340,000	4.00%	1,749,806	3,089,806
		2012/13	1,400,000	4.00%	1,695,006	3,095,006
		2013/14	1,455,000	5.00%	1,630,631	3,085,631
		2014/15	1,530,000	4.00%	1,563,656	3,093,656
		2015/16	1,585,000	4.00%	1,501,356	3,086,356
		2016/17	5,330,000	5.00%	1,336,406	6,666,406
		2017/18	5,600,000	5.00%	1,063,156	6,663,156
		2018/19	7,010,000	4.25%	774,194	7,784,194
		2019/20	7,315,000	4.38%	465,216	7,780,216
		2020/21	7,630,000	4.00%	152,600	7,782,600
		TOTAL	41,485,000		13,734,434	55,219,434
<b>First Lien Water System Revenue Bonds, 2008 Series A</b>						
08/07/08 - Due 11/1	79,680,000					
		2010/11	1,810,000	5.00%	3,583,944	5,393,944
		2011/12	1,905,000	5.00%	3,491,069	5,396,069
		2012/13	1,995,000	4.00%	3,403,544	5,398,544
		2013/14	2,085,000	5.00%	3,311,519	5,396,519
		2014/15	2,190,000	5.00%	3,204,644	5,394,644
		2015/16	2,305,000	5.00%	3,092,269	5,397,269
		2016/17	2,420,000	5.00%	2,974,144	5,394,144
		2017/18	2,545,000	5.00%	2,850,019	5,395,019
		2018/19	2,665,000	4.00%	2,733,094	5,398,094
		2019/20	2,770,000	4.00%	2,624,394	5,394,394
		2020/21	2,885,000	4.00%	2,511,294	5,396,294
		2021/22	3,005,000	4.13%	2,391,616	5,396,616
		2022/23	3,135,000	4.25%	2,263,019	5,398,019
		2023/24	3,280,000	4.75%	2,118,500	5,398,500
		2024/25	3,435,000	4.75%	1,959,019	5,394,019
		2025/26	3,605,000	4.75%	1,791,819	5,396,819
		2026/27	3,780,000	4.75%	1,616,425	5,396,425
		2027/28	3,965,000	4.75%	1,432,481	5,397,481
		2028/29	4,155,000	4.75%	1,239,631	5,394,631
		2029/30	4,360,000	4.75%	1,037,400	5,397,400
		2030/31	4,570,000	4.75%	825,313	5,395,313
		2031/32	4,795,000	4.75%	602,894	5,397,894
		2032/33	5,025,000	4.75%	369,669	5,394,669
		2033/34	5,270,000	4.75%	125,163	5,395,163
		TOTAL	77,955,000		51,552,878	129,507,878

Bond Description	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>First Lien Water System Revenue and Refunding Bonds, 2010 Series A</b>						
02/11/10 - Due 5/1	73,440,000					
		2010/11	1,085,000	2.50%	3,736,822	4,821,822
		2011/12	1,795,000	3.00%	3,030,275	4,825,275
		2012/13	1,850,000	4.00%	2,976,425	4,826,425
		2013/14	1,920,000	4.00%	2,902,425	4,822,425
		2014/15	2,000,000	5.00%	2,825,625	4,825,625
		2015/16	2,100,000	5.00%	2,725,625	4,825,625
		2016/17	2,205,000	5.00%	2,620,625	4,825,625
		2017/18	2,315,000	5.00%	2,510,375	4,825,375
		2018/19	2,430,000	5.00%	2,394,625	4,824,625
		2019/20	2,550,000	4.00%	2,273,125	4,823,125
		2020/21	2,655,000	4.00%	2,171,125	4,826,125
		2021/22	2,760,000	4.00%	2,064,925	4,824,925
		2022/23	2,870,000	4.00%	1,954,525	4,824,525
		2023/24	2,985,000	4.00%	1,839,725	4,824,725
		2024/25	3,105,000	4.00%	1,720,325	4,825,325
		2025/26	3,230,000	4.00%	1,596,125	4,826,125
		2026/27	3,355,000	4.00%	1,466,925	4,821,925
		2027/28	3,490,000	4.00%	1,332,725	4,822,725
		2028/29	3,630,000	4.00%	1,193,125	4,823,125
		2029/30	3,775,000	4.00%	1,047,925	4,822,925
		2030/31	3,925,000	4.00%	896,925	4,821,925
		2031/32	4,085,000	4.25%	739,925	4,824,925
		2032/33	4,260,000	4.25%	566,313	4,826,313
		2033/34	4,440,000	4.25%	385,263	4,825,263
		2034/35	4,625,000	4.25%	196,563	4,821,563
		<b>TOTAL</b>	<b>73,440,000</b>		<b>47,168,385</b>	<b>120,608,385</b>
<b>Second Lien Water System Revenue Bonds, 2006 Series A</b>						
09/21/06 - Due 10/1	68,970,000					
		2010/11	1,755,000	4.25%	2,791,294	4,546,294
		2011/12	1,835,000	4.25%	2,715,006	4,550,006
		2012/13	1,915,000	4.25%	2,635,319	4,550,319
		2013/14	2,005,000	5.00%	2,544,500	4,549,500
		2014/15	2,105,000	5.00%	2,441,750	4,546,750
		2015/16	2,215,000	5.00%	2,333,750	4,548,750
		2016/17	2,320,000	4.50%	2,226,175	4,546,175
		2017/18	2,430,000	4.50%	2,119,300	4,549,300
		2018/19	2,540,000	4.50%	2,007,475	4,547,475
		2019/20	2,650,000	4.00%	1,897,325	4,547,325
		2020/21	2,760,000	4.13%	1,787,400	4,547,400
		2021/22	2,875,000	4.13%	1,671,178	4,546,178
		2022/23	3,000,000	4.25%	1,548,131	4,548,131
		2023/24	3,130,000	4.25%	1,417,869	4,547,869
		2024/25	3,270,000	4.38%	1,279,825	4,549,825
		2025/26	3,415,000	4.38%	1,133,591	4,548,591
		2026/27	3,565,000	4.25%	983,131	4,548,131
		2027/28	3,725,000	4.50%	823,563	4,548,563
		2028/29	3,895,000	4.50%	652,113	4,547,113
		2029/30	4,070,000	4.25%	477,988	4,547,988
		2030/31	4,250,000	4.50%	295,875	4,545,875
		2031/32	4,450,000	4.50%	100,125	4,550,125
		<b>TOTAL</b>	<b>64,175,000</b>		<b>35,882,681</b>	<b>100,057,681</b>
<b>TOTAL - First and Second Lien Water System Revenue Bonds</b>						
	357,890,000					
		2010/11	11,770,000		14,919,341	26,689,341
		2011/12	12,210,000		13,711,906	25,921,906
		2012/13	12,750,000		13,169,994	25,919,994

Bond Description	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2013/14	13,330,000		12,576,888	25,906,888
		2014/15	13,965,000		11,953,725	25,918,725
		2015/16	14,605,000		11,304,400	25,909,400
		2016/17	15,585,000		10,589,900	26,174,900
		2017/18	16,370,000		9,805,650	26,175,650
		2018/19	18,295,000		8,998,500	27,293,500
		2019/20	19,115,000		8,171,522	27,286,522
		2020/21	19,940,000		7,352,694	27,292,694
		2021/22	12,830,000		6,673,494	19,503,494
		2022/23	13,405,000		6,107,175	19,512,175
		2023/24	14,025,000		5,491,844	19,516,844
		2024/25	9,810,000		4,959,169	14,769,169
		2025/26	10,250,000		4,521,534	14,771,534
		2026/27	10,700,000		4,066,481	14,766,481
		2027/28	11,180,000		3,588,769	14,768,769
		2028/29	11,680,000		3,084,869	14,764,869
		2029/30	12,205,000		2,563,313	14,768,313
		2030/31	12,745,000		2,018,113	14,763,113
		2031/32	13,330,000		1,442,944	14,772,944
		2032/33	9,285,000		935,981	10,220,981
		2033/34	9,710,000		510,425	10,220,425
		2034/35	4,625,000		196,563	4,821,563
<b>TOTAL FIRST &amp; SECOND LIEN WATER SYSTEM REVENUE BONDS</b>			<b>323,715,000</b>		<b>168,715,191</b>	<b>492,430,191</b>
<b>COMBINED DEBT SERVICE</b>						
	365,530,000					
		2010/11	13,360,000		14,946,371	28,306,371
		2011/12	12,210,000		13,711,906	25,921,906
		2012/13	12,750,000		13,169,994	25,919,994
		2013/14	13,330,000		12,576,888	25,906,888
		2014/15	13,965,000		11,953,725	25,918,725
		2015/16	14,605,000		11,304,400	25,909,400
		2016/17	15,585,000		10,589,900	26,174,900
		2017/18	16,370,000		9,805,650	26,175,650
		2018/19	18,295,000		8,998,500	27,293,500
		2019/20	19,115,000		8,171,522	27,286,522
		2020/21	19,940,000		7,352,694	27,292,694
		2021/22	12,830,000		6,673,494	19,503,494
		2022/23	13,405,000		6,107,175	19,512,175
		2023/24	14,025,000		5,491,844	19,516,844
		2024/25	9,810,000		4,959,169	14,769,169
		2025/26	10,250,000		4,521,534	14,771,534
		2026/27	10,700,000		4,066,481	14,766,481
		2027/28	11,180,000		3,588,769	14,768,769
		2028/29	11,680,000		3,084,869	14,764,869
		2029/30	12,205,000		2,563,313	14,768,313
		2030/31	12,745,000		2,018,113	14,763,113
		2031/32	13,330,000		1,442,944	14,772,944
		2032/33	9,285,000		935,981	10,220,981
		2033/34	9,710,000		510,425	10,220,425
		2034/35	4,625,000		196,563	4,821,563
<b>TOTAL FUND DEBT SERVICE</b>			<b>\$ 325,305,000</b>		<b>\$ 168,742,221</b>	<b>\$ 494,047,221</b>

**Water Construction Fund****FUND SUMMARY**

Public Utilities Service Area

	Actual FY 2007-08	Actual FY 2008-09	Revised FY 2009-10	Proposed FY 2010-11	Approved FY 2010-11	Adopted FY 2010-11
<b>RESOURCES</b>						
Charges for Services	3,429,578	4,076,109	2,000,000	2,000,000	2,000,000	2,000,000
Bond and Note	0	75,233,915	87,896,000	85,886,000	85,886,000	73,949,000
Miscellaneous	2,033,138	1,808,629	470,888	288,967	288,967	363,958
<b>Total External Revenues</b>	<b>5,462,716</b>	<b>81,118,653</b>	<b>90,366,888</b>	<b>88,174,967</b>	<b>88,174,967</b>	<b>76,312,958</b>
Fund Transfers - Revenue	14,044,995	12,632,169	9,267,180	24,036,255	24,036,255	24,051,255
<b>Total Internal Revenues</b>	<b>14,044,995</b>	<b>12,632,169</b>	<b>9,267,180</b>	<b>24,036,255</b>	<b>24,036,255</b>	<b>24,051,255</b>
Beginning Fund Balance	50,605,641	16,055,462	34,560,297	33,224,757	33,224,757	33,224,757
<b>TOTAL RESOURCES</b>	<b>\$ 70,113,352</b>	<b>\$ 109,806,284</b>	<b>\$ 134,194,365</b>	<b>\$ 145,435,979</b>	<b>\$ 145,435,979</b>	<b>\$ 133,588,970</b>
<b>REQUIREMENTS</b>						
Contingency	0	0	12,624,241	11,427,867	11,427,867	11,427,460
Fund Transfers - Expense	54,057,890	68,610,828	83,909,308	76,185,778	76,185,778	76,183,069
<b>Total Fund Requirements</b>	<b>54,057,890</b>	<b>68,610,828</b>	<b>96,533,549</b>	<b>87,613,645</b>	<b>87,613,645</b>	<b>87,610,529</b>
Ending Fund Balance	16,055,462	41,195,456	37,660,816	57,822,334	57,822,334	45,978,441
<b>TOTAL REQUIREMENTS</b>	<b>\$ 70,113,352</b>	<b>\$ 109,806,284</b>	<b>\$ 134,194,365</b>	<b>\$ 145,435,979</b>	<b>\$ 145,435,979</b>	<b>\$ 133,588,970</b>

**FUND OVERVIEW**

The Water Construction Fund is the capital fund of the Water Bureau. This fund pays for equipment and capital expenditures for the water system, including ongoing capital repair and replacement, enhancements, and large and nonrecurring additions to the system.

**Managing Agency**      Portland Water Bureau

**SIGNIFICANT CHANGES FROM PRIOR YEAR****Bond Sales**

The Water Bureau plans on a \$80.2 million bond sale in Spring 2011, which includes funding a \$6.3 million bond reserve account to be deposited directly into the Water Sinking Fund. The net bond proceeds deposited into the Construction Fund are budgeted at \$73.9 million.

**FUND SUMMARY**

**Water Fund**

Public Utilities Service Area

	Actual FY 2007-08	Actual FY 2008-09	Revised FY 2009-10	Proposed FY 2010-11	Approved FY 2010-11	Adopted FY 2010-11
<b>RESOURCES</b>						
Licenses & Permits	0	24,805	0	0	0	0
Charges for Services	91,760,371	97,202,903	108,301,452	116,383,506	115,603,378	115,611,286
Intergovernmental	3,166	2,415	481,000	451,000	451,000	451,000
Miscellaneous	1,617,907	1,499,452	658,781	752,991	752,991	750,274
<b>Total External Revenues</b>	<b>93,381,444</b>	<b>98,729,575</b>	<b>109,441,233</b>	<b>117,587,497</b>	<b>116,807,369</b>	<b>116,812,560</b>
Fund Transfers - Revenue	56,164,701	69,540,324	83,544,050	75,936,811	75,936,811	75,859,111
Interagency Revenue	1,846,795	1,550,164	4,098,895	2,438,196	2,438,196	2,438,196
<b>Total Internal Revenues</b>	<b>58,011,496</b>	<b>71,090,488</b>	<b>87,642,945</b>	<b>78,375,007</b>	<b>78,375,007</b>	<b>78,297,307</b>
Beginning Fund Balance	33,513,803	29,468,857	26,631,475	47,295,512	47,295,512	47,295,512
<b>TOTAL RESOURCES</b>	<b>\$ 184,906,743</b>	<b>\$ 199,288,920</b>	<b>\$ 223,715,653</b>	<b>\$ 243,258,016</b>	<b>\$ 242,477,888</b>	<b>\$ 242,405,379</b>
<b>REQUIREMENTS</b>						
Personal Services	52,410,712	53,953,846	58,179,089	58,705,038	58,705,038	58,705,038
External Materials & Services	20,881,471	19,672,179	31,228,162	42,815,764	42,815,764	42,510,764
Internal Materials & Services	21,313,984	19,191,698	19,935,318	19,950,535	19,950,535	19,948,535
Capital Expenses	22,770,414	33,272,479	23,408,322	26,730,300	26,730,300	27,035,300
<b>Total Bureau Expenditures</b>	<b>117,376,581</b>	<b>126,090,202</b>	<b>132,750,891</b>	<b>148,201,637</b>	<b>148,201,637</b>	<b>148,199,637</b>
Contingency	0	0	46,484,311	32,522,906	31,742,778	31,493,032
Fund Transfers - Expense	38,736,729	40,443,280	40,649,249	59,945,008	59,945,008	60,201,945
Bond Expenses	1,751,897	1,869,704	3,209,072	1,979,415	1,979,415	1,979,415
Bond Issuance Costs	0	232,315	622,130	609,050	609,050	531,350
<b>Total Fund Requirements</b>	<b>40,488,626</b>	<b>42,545,299</b>	<b>90,964,762</b>	<b>95,056,379</b>	<b>94,276,251</b>	<b>94,205,742</b>
Ending Fund Balance	27,041,536	30,653,419	0	0	0	0
<b>TOTAL REQUIREMENTS</b>	<b>\$ 184,906,743</b>	<b>\$ 199,288,920</b>	<b>\$ 223,715,653</b>	<b>\$ 243,258,016</b>	<b>\$ 242,477,888</b>	<b>\$ 242,405,379</b>

**FUND OVERVIEW**

The Water Fund is the operating fund of the Portland Water Bureau. With the exception of debt service, all expenditures are made from this fund for operation, maintenance, and capital assets. Receipts from the sale of water are the primary revenue source for the Water Fund. The cash flow of this fund determines customer water rates.

**Managing Agency**      Portland Water Bureau

**SIGNIFICANT CHANGES FROM PRIOR YEAR**

FY 2010-11 Water Fund resources increased by approximately \$18.7 million from the FY 2009-10 Revised Budget. The changes in resources include increases in external revenues of \$7.4 million and an increase in beginning fund balance of \$20.7 million, offset by a decrease in cash transfers of \$7.7 million and a decrease in interagency agreement revenues of \$1.7 million. The cash transfer decrease is from the Water Construction Fund and reflects the decreased expenditures of the Capital Improvement Plan.

# Closed - Water Growth Impact Charge Trust Fund

FUND SUMMARY

Public Utilities Service Area

	Actual FY 2007-08	Actual FY 2008-09	Revised FY 2009-10	Proposed FY 2010-11	Approved FY 2010-11	Adopted FY 2010-11
<b>RESOURCES</b>						
Miscellaneous	55,685	0	0	0	0	0
<b>Total External Revenues</b>	<b>55,685</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	1,856,842	1,912,526	0	0	0	0
<b>TOTAL RESOURCES</b>	<b>\$ 1,912,527</b>	<b>\$ 1,912,526</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>
<b>REQUIREMENTS</b>						
Fund Transfers - Expense	0	1,912,526	0	0	0	0
<b>Total Fund Requirements</b>	<b>0</b>	<b>1,912,526</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Ending Fund Balance	1,912,527	0	0	0	0	0
<b>TOTAL REQUIREMENTS</b>	<b>\$ 1,912,527</b>	<b>\$ 1,912,526</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>

## FUND OVERVIEW

The Water Growth Impact Charge Trust Fund was established to collect and keep contributions from wholesale customers to help pay for expanded facilities required by growth in their demand for water. The fund was established so those water districts that were experiencing growth would contribute a proportionate share toward the next major supply increment, and establishment of this fund ensured that those contributions would be kept separate from other bureau revenues. In 1995, wholesale contributions were suspended with the deletion of the growth section in the wholesale agreements.

Ordinance #181360 authorized by City Council on October 17, 2007, directed the Water Bureau to reimburse the wholesale customers who had paid into the Water Growth Impact Charge Trust Fund. The reimbursement was made to the wholesalers on November 14, 2007 from the Water Fund. The ordinance further directed that the Water Growth Impact Fund will reimburse the Water Fund in FY 2008-09 and that the Water Growth Impact Charge Trust Fund was closed by ordinance in FY 2008-09 at the time of the FY 2009-10 budget adoption.

### Managing Agency

Portland Water Bureau