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	Actual FY 2006-07	Actual FY 2007-08	Revised FY 2008-09	Proposed FY 2009-10	Approved FY 2009-10	Adopted FY 2009-10
<b>RESOURCES</b>						
Charges for Services	490,429	460,283	585,000	727,573	500,000	500,000
Miscellaneous	24,354	133,016	50,000	25,000	25,000	25,000
<b>Total External Revenues</b>	<b>514,783</b>	<b>593,299</b>	<b>635,000</b>	<b>752,573</b>	<b>525,000</b>	<b>525,000</b>
General Fund Discretionary	0	0	0	0	0	0
Fund Transfers - Revenue	8,941,968	3,900,000	4,737,226	5,629,564	5,235,000	5,237,718
Interagency Revenue	0	331,808	360,000	360,000	360,000	360,000
<b>Total Internal Revenues</b>	<b>8,941,968</b>	<b>4,231,808</b>	<b>5,097,226</b>	<b>5,989,564</b>	<b>5,595,000</b>	<b>5,597,718</b>
Beginning Fund Balance	(992,676)	695,421	900,000	500,000	500,000	500,000
<b>TOTAL RESOURCES</b>	<b>\$ 8,464,075</b>	<b>\$ 5,520,528</b>	<b>\$ 6,632,226</b>	<b>\$ 7,242,137</b>	<b>\$ 6,620,000</b>	<b>\$ 6,622,718</b>
<b>REQUIREMENTS</b>						
Personal Services	526,679	557,273	520,152	929,537	562,187	562,187
External Materials & Services	6,930,906	3,906,822	4,706,613	4,793,255	4,617,492	4,617,492
Internal Materials & Services	282,476	491,992	1,067,967	928,757	854,519	854,519
<b>Total Bureau Expenditures</b>	<b>7,740,061</b>	<b>4,956,087</b>	<b>6,294,732</b>	<b>6,651,549</b>	<b>6,034,198</b>	<b>6,034,198</b>
Contingency	0	0	291,975	520,429	515,643	519,954
Fund Transfers - Expense	27,638	44,853	44,694	69,123	69,123	67,530
Bond Expenses	955	809	825	1,036	1,036	1,036
<b>Total Fund Requirements</b>	<b>28,593</b>	<b>45,662</b>	<b>337,494</b>	<b>590,588</b>	<b>585,802</b>	<b>588,520</b>
Ending Fund Balance	695,421	518,779	0	0	0	0
<b>TOTAL REQUIREMENTS</b>	<b>\$ 8,464,075</b>	<b>\$ 5,520,528</b>	<b>\$ 6,632,226</b>	<b>\$ 7,242,137</b>	<b>\$ 6,620,000</b>	<b>\$ 6,622,718</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 \$5.2 million cash transfer from the Sewer System Operating Fund will fund the majority of the Portland Harbor Superfund program. FY 2009-10 personal services expenditures are budgeted at 8.1% above the FY 2008-09 Revised Budget due to the filling of a vacancy at a level above the budgeted entry rate.

External materials and services for Portland Harbor Superfund work are budgeted at \$4.6 million, about the same as the FY 2008-09 Revised Budget. Payments to the Lower Willamette Group are budgeted to remain constant at \$2.3 million. Internal materials and services expenditures, when compared with the FY 2008-09 Revised Budget, are decreasing by 18.3% due to the completion of over \$280,000 in updates to the Guilds Lake building which houses tenants.

The fund also recognizes an additional \$360,000 in revenue from the Police Bureau for renting a portion of the Guilds Lake Facility. Income from tenants on the City-owned site supports the fund's expenditures.

**FUND SUMMARY**

**Hydroelectric Power Bond Redemption Fund**

Public Utilities Service Area

	Actual FY 2006-07	Actual FY 2007-08	Revised FY 2008-09	Proposed FY 2009-10	Approved FY 2009-10	Adopted FY 2009-10
<b>RESOURCES</b>						
Miscellaneous	3,119,580	2,871,032	2,717,115	2,546,306	2,546,306	2,546,306
<b>Total External Revenues</b>	<b>3,119,580</b>	<b>2,871,032</b>	<b>2,717,115</b>	<b>2,546,306</b>	<b>2,546,306</b>	<b>2,546,306</b>
Fund Transfers - Revenue	0	32,221	200,000	0	0	0
<b>Total Internal Revenues</b>	<b>0</b>	<b>32,221</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	3,210,626	4,111,648	4,307,481	4,321,843	4,321,843	4,321,843
<b>TOTAL RESOURCES</b>	<b>\$ 6,330,206</b>	<b>\$ 7,014,901</b>	<b>\$ 7,224,596</b>	<b>\$ 6,868,149</b>	<b>\$ 6,868,149</b>	<b>\$ 6,868,149</b>
<b>REQUIREMENTS</b>						
Bond Expenses	2,218,558	2,710,140	2,705,894	2,690,720	2,690,720	2,716,057
Debt Service Reserves	0	0	2,770,384	2,770,384	2,770,384	2,770,384
<b>Total Fund Requirements</b>	<b>2,218,558</b>	<b>2,710,140</b>	<b>5,476,278</b>	<b>5,461,104</b>	<b>5,461,104</b>	<b>5,486,441</b>
Ending Fund Balance	4,111,648	4,304,761	1,748,318	1,407,045	1,407,045	1,381,708
<b>TOTAL REQUIREMENTS</b>	<b>\$ 6,330,206</b>	<b>\$ 7,014,901</b>	<b>\$ 7,224,596</b>	<b>\$ 6,868,149</b>	<b>\$ 6,868,149</b>	<b>\$ 6,868,149</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					
		2009/10	1,835,000	5.52%	881,057	2,716,057
		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</b>	<b>\$ 16,870,000</b>		<b>\$ 3,818,602</b>	<b>\$ 20,688,602</b>

# Hydroelectric Power Operating Fund

FUND SUMMARY

Public Utilities Service Area

	Actual FY 2006-07	Actual FY 2007-08	Revised FY 2008-09	Proposed FY 2009-10	Approved FY 2009-10	Adopted FY 2009-10
<b>RESOURCES</b>						
Charges for Services	292,540	0	0	0	0	0
Miscellaneous	686,068	628,659	653,300	662,700	662,700	662,700
<b>Total External Revenues</b>	<b>978,608</b>	<b>628,659</b>	<b>653,300</b>	<b>662,700</b>	<b>662,700</b>	<b>662,700</b>
Fund Transfers - Revenue	145,629	85,348	625,000	300,000	300,000	301,068
Interagency Revenue	38,688	62,965	59,500	62,400	62,400	62,400
<b>Total Internal Revenues</b>	<b>184,317</b>	<b>148,313</b>	<b>684,500</b>	<b>362,400</b>	<b>362,400</b>	<b>363,468</b>
Beginning Fund Balance	302,613	698,019	531,552	462,238	462,238	462,238
<b>TOTAL RESOURCES</b>	<b>\$ 1,465,538</b>	<b>\$ 1,474,991</b>	<b>\$ 1,869,352</b>	<b>\$ 1,487,338</b>	<b>\$ 1,487,338</b>	<b>\$ 1,488,406</b>
<b>REQUIREMENTS</b>						
Personal Services	238,190	269,107	290,179	284,047	284,047	284,047
External Materials & Services	66,268	74,900	704,593	371,500	371,500	371,500
Internal Materials & Services	181,631	233,644	222,379	202,945	202,945	202,945
<b>Total Bureau Expenditures</b>	<b>486,089</b>	<b>577,651</b>	<b>1,217,151</b>	<b>858,492</b>	<b>858,492</b>	<b>858,492</b>
Contingency	0	0	315,009	231,416	231,416	233,110
Fund Transfers - Expense	265,100	300,325	318,835	379,752	379,752	379,126
Bond Expenses	16,330	14,995	18,357	17,678	17,678	17,678
<b>Total Fund Requirements</b>	<b>281,430</b>	<b>315,320</b>	<b>652,201</b>	<b>628,846</b>	<b>628,846</b>	<b>629,914</b>
Ending Fund Balance	698,019	582,020	0	0	0	0
<b>TOTAL REQUIREMENTS</b>	<b>\$ 1,465,538</b>	<b>\$ 1,474,991</b>	<b>\$ 1,869,352</b>	<b>\$ 1,487,338</b>	<b>\$ 1,487,338</b>	<b>\$ 1,488,406</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 2009-10, 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 \$629,900 compared to the FY 2008-09 Revised Budget of \$652,201.

PGE pays the City annually for profit on power generated by the PHP which for FY 2009-10, calculating the projected gross profit amount of \$222,300 less the contractual credit to PGE, will then provide a net profit payment of approximately \$27,800.

**Maintenance to the PHP**

In FY 2009-10, the Hydroelectric Power Operating Fund has budgeted \$125,000 for cash transfers from the Hydroelectric Power Renewal & Replacement (R&R) Fund to this fund and then an equal amount of expenditures to reimburse PGE for their costs associated with an ongoing background level of repair and replacements to the PHP facilities.

The FY 2009-10 budget also includes a one-time authorization for an additional \$175,000 transfer from the Hydropower R&R Fund to the Hydropower Operating Fund and associated expenditures from this fund to accommodate specific repair and replacement needs which may arise due to the increasing age of machinery and equipment at the PHP. The additional transfers and expenditures will only be processed as actual repair and replacement projects are completed by PGE for the PHP.

# Hydroelectric Power Renewal and Replacement Fund

FUND SUMMARY

Public Utilities Service Area

	Actual FY 2006-07	Actual FY 2007-08	Revised FY 2008-09	Proposed FY 2009-10	Approved FY 2009-10	Adopted FY 2009-10
<b>RESOURCES</b>						
Miscellaneous	496,373	570,724	583,600	657,900	657,900	657,900
<b>Total External Revenues</b>	496,373	570,724	583,600	657,900	657,900	657,900
Beginning Fund Balance	7,996,391	8,347,135	8,695,989	8,795,210	8,795,210	8,795,210
<b>TOTAL RESOURCES</b>	<b>\$ 8,492,764</b>	<b>\$ 8,917,859</b>	<b>\$ 9,279,589</b>	<b>\$ 9,453,110</b>	<b>\$ 9,453,110</b>	<b>\$ 9,453,110</b>
<b>REQUIREMENTS</b>						
Contingency	0	0	8,454,589	9,153,110	9,153,110	9,153,110
Fund Transfers - Expense	145,629	85,348	825,000	300,000	300,000	300,000
<b>Total Fund Requirements</b>	145,629	85,348	9,279,589	9,453,110	9,453,110	9,453,110
Ending Fund Balance	8,347,135	8,832,511	0	0	0	0
<b>TOTAL REQUIREMENTS</b>	<b>\$ 8,492,764</b>	<b>\$ 8,917,859</b>	<b>\$ 9,279,589</b>	<b>\$ 9,453,110</b>	<b>\$ 9,453,110</b>	<b>\$ 9,453,110</b>

## FUND OVERVIEW

### Description

The Hydroelectric Power Renewal and Replacement (R&R) 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 2009-10 the R&R 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.

*\$175,000 Additional Repair & Replacement Funding in FY 2009-10*

The FY 2009-10 Adopted Budget includes a one time authorization for an additional \$175,000 transfer from the Hydropower R&R Fund to the Hydropower Operating Fund to accommodate specific repair and replacement needs that may arise due to the increasing age of machinery and equipment at the PHP. The additional requested funding will only be transferred as actual repair and replacement projects are completed for the PHP. The revenue needed to support this higher level of renewal and replacement work has been anticipated and is factored into PGE's power sales payments to the City as stipulated in the PHP power sales agreement.



**FUND SUMMARY**

**Closed - Sewer Revolving Loan Fund**

Public Utilities Service Area

	Actual FY 2006-07	Actual FY 2007-08	Revised FY 2008-09	Proposed FY 2009-10	Approved FY 2009-10	Adopted FY 2009-10
<b>RESOURCES</b>						
Charges for Services	20,610	0	0	0	0	0
Bond and Note	4,184	0	0	0	0	0
Miscellaneous	24,267	0	0	0	0	0
<b>Total External Revenues</b>	<b>49,061</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	527,045	0	0	0	0	0
<b>TOTAL RESOURCES</b>	<b>\$ 576,106</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>
<b>REQUIREMENTS</b>						
External Materials & Services	17,175	0	0	0	0	0
<b>Total Bureau Expenditures</b>	<b>17,175</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Ending Fund Balance	558,931	0	0	0	0	0
<b>TOTAL REQUIREMENTS</b>	<b>\$ 576,106</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>

**FUND OVERVIEW**

This fund was closed at the end of FY 2006-07. Remaining fund balance was transferred to the Sewer System Operating Fund. Future Private Plumbing Loan Program activity will occur in the Sewer System Operating Fund.

**Managing Agency** Bureau of Environmental Services

# Sewer System Construction Fund

FUND SUMMARY

Public Utilities Service Area

	Actual FY 2006-07	Actual FY 2007-08	Revised FY 2008-09	Proposed FY 2009-10	Approved FY 2009-10	Adopted FY 2009-10
<b>RESOURCES</b>						
Charges for Services	1,635,848	1,658,919	1,550,000	1,350,000	1,350,000	850,000
State	0	0	0	2,500,000	2,500,000	2,500,000
Local	14,087	0	1,800,000	0	0	0
Bond and Note	2,710,319	295,804,193	1,000,000	384,450,000	384,450,000	384,450,000
Miscellaneous	9,815,241	4,303,187	5,000,000	2,500,000	2,500,000	2,500,000
<b>Total External Revenues</b>	<b>14,175,495</b>	<b>301,766,299</b>	<b>9,350,000</b>	<b>390,800,000</b>	<b>390,800,000</b>	<b>390,300,000</b>
Fund Transfers - Revenue	5,170,826	8,008,972	18,300,000	3,300,000	3,300,000	3,300,000
<b>Total Internal Revenues</b>	<b>5,170,826</b>	<b>8,008,972</b>	<b>18,300,000</b>	<b>3,300,000</b>	<b>3,300,000</b>	<b>3,300,000</b>
Beginning Fund Balance	259,020,139	97,225,874	205,000,000	50,000,000	50,000,000	50,000,000
<b>TOTAL RESOURCES</b>	<b>\$ 278,366,460</b>	<b>\$ 407,001,145</b>	<b>\$ 232,650,000</b>	<b>\$ 444,100,000</b>	<b>\$ 444,100,000</b>	<b>\$ 443,600,000</b>
<b>REQUIREMENTS</b>						
External Materials & Services	95	7,102	0	0	0	0
Internal Materials & Services	91,636	79,258	100,000	0	0	0
<b>Total Bureau Expenditures</b>	<b>91,731</b>	<b>86,360</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
Contingency	0	0	35,284,000	193,349,406	193,349,406	193,349,406
Fund Transfers - Expense	180,276,732	183,219,964	197,266,000	249,150,594	249,150,594	248,650,594
Bond Issuance Costs	772,123	4,147,204	0	1,600,000	1,600,000	1,600,000
<b>Total Fund Requirements</b>	<b>181,048,855</b>	<b>187,367,168</b>	<b>232,550,000</b>	<b>444,100,000</b>	<b>444,100,000</b>	<b>443,600,000</b>
Ending Fund Balance	97,225,874	219,547,617	0	0	0	0
<b>TOTAL REQUIREMENTS</b>	<b>\$ 278,366,460</b>	<b>\$ 407,001,145</b>	<b>\$ 232,650,000</b>	<b>\$ 444,100,000</b>	<b>\$ 444,100,000</b>	<b>\$ 443,600,000</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

Bond and note sales of \$384.5 million reflect the sale of sewer revenue bonds to fund the capital improvement program for another 18 months to two years.

State sources reflect the anticipated State Business Energy Tax Credit of \$2.5 million for the Columbia Boulevard Wastewater Treatment Plant Co-Generation Facility.

Other Cash Transfer expenses of \$248.7 million reflect the reimbursement of the Operating Fund for CIP expenditures, including \$16.5 million related to the CIP local economic stimulus package in the Adopted Budget.

	Actual FY 2006-07	Actual FY 2007-08	Revised FY 2008-09	Proposed FY 2009-10	Approved FY 2009-10	Adopted FY 2009-10
<b>RESOURCES</b>						
Bond and Note	204,751,891	256,347,981	0	32,000,000	32,000,000	32,000,000
Miscellaneous	68,471	62,641	10,000	200,000	200,000	200,000
<b>Total External Revenues</b>	<b>204,820,362</b>	<b>256,410,622</b>	<b>10,000</b>	<b>32,200,000</b>	<b>32,200,000</b>	<b>32,200,000</b>
Fund Transfers - Revenue	102,793,764	109,353,748	121,300,330	120,000,000	120,000,000	120,000,000
<b>Total Internal Revenues</b>	<b>102,793,764</b>	<b>109,353,748</b>	<b>121,300,330</b>	<b>120,000,000</b>	<b>120,000,000</b>	<b>120,000,000</b>
Beginning Fund Balance	2,864,221	2,882,327	2,900,000	2,900,000	2,900,000	2,900,000
<b>TOTAL RESOURCES</b>	<b>\$ 310,478,347</b>	<b>\$ 368,646,697</b>	<b>\$ 124,210,330</b>	<b>\$ 155,100,000</b>	<b>\$ 155,100,000</b>	<b>\$ 155,100,000</b>
<b>REQUIREMENTS</b>						
Bond Expenses	307,596,020	365,781,527	121,310,330	120,169,336	120,169,336	120,169,336
Debt Service Reserves	0	0	0	32,000,000	32,000,000	34,930,664
<b>Total Fund Requirements</b>	<b>307,596,020</b>	<b>365,781,527</b>	<b>121,310,330</b>	<b>152,169,336</b>	<b>152,169,336</b>	<b>155,100,000</b>
Ending Fund Balance	2,882,327	2,865,170	2,900,000	2,930,664	2,930,664	0
<b>TOTAL REQUIREMENTS</b>	<b>\$ 310,478,347</b>	<b>\$ 368,646,697</b>	<b>\$ 124,210,330</b>	<b>\$ 155,100,000</b>	<b>\$ 155,100,000</b>	<b>\$ 155,100,000</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 (although no restricted balances are required in this budget).

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 \$120.0 million in FY 2009-10. The total amount of sewer system debt outstanding at the beginning of FY 2009-10 is estimated to be \$1.03 billion for first lien bonded debt, and \$347.4 million for second lien bonded debt, notes, and loans.

**Sewer System Debt Redemption Fund**

**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					
		2009/10	5,990,000	5.00%	6,789,975	12,779,975
		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
		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>142,190,000</b>		<b>62,365,563</b>	<b>204,555,563</b>
<b>First Lien Sewer System Revenue Refunding Bonds, 2004 Series B</b>						
11/30/2004 - Due 6/1	93,080,000					
		2009/10	1,685,000	4.00%	4,403,150	6,088,150
		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>88,400,000</b>		<b>30,989,400</b>	<b>119,389,400</b>
<b>First Lien Sewer System Revenue Refunding Bonds, 2005 Series A</b>						
6/16/2005 - Due 8/1	144,850,000					
		2009/10			7,242,500	7,242,500
		2010/11			7,242,500	7,242,500
		2011/12			7,242,500	7,242,500
		2012/13			7,242,500	7,242,500
		2013/14			7,242,500	7,242,500
		2014/15			7,242,500	7,242,500
		2015/16			7,242,500	7,242,500
		2016/17			7,242,500	7,242,500
		2017/18			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>76,287,250</b>	<b>221,137,250</b>
<b>First Lien Sewer System Revenue Bonds, 2006 Series A</b>						
5/25/2006 - Due 6/15	177,845,000					
		2009/10	4,395,000	5.00%	7,833,494	12,228,494
		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

Bond Description	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		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
		TOTAL	166,325,000		102,703,875	269,028,875
<b>First Lien Sewer System Revenue Refunding Bonds, 2007 Series A</b>						
3/8/2007 - Due 6/1	193,510,000					
		2009/10	17,310,000	5.00%	8,031,000	25,341,000
		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	160,620,000		30,226,000	190,846,000
<b>First Lien Sewer System Revenue Refunding Bonds, 2008 Series A</b>						
4/17/2008 - Due 6/15	333,015,000					
		2009/10	10,670,000	5.00%	15,682,175	26,352,175
		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	325,315,000		188,498,150	513,813,150
<b>TOTAL - First Lien Sewer Bonds</b>	1,105,800,000					
		2009/10	40,050,000		49,982,294	90,032,294
		2010/11	49,815,000		47,988,894	97,803,894

Bond Description	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		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
<b>TOTAL FIRST LIEN SEWER REVENUE BONDS</b>			1,027,700,000		491,070,238	1,518,770,238
<b>Second Lien Sewer System Revenue Refunding Bonds, 2003 Series A</b>						
04/03/2003 - Due 6/1	88,370,000					
		2009/10	8,955,000	5.00%	2,354,138	11,309,138
		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
		TOTAL	46,445,000		17,104,950	63,549,950
<b>Second Lien Sewer System Revenue Bonds, 2006 Series B</b>						
5/25/2006 - Due 6/15	87,135,000					
		2009/10	2,120,000	5.00%	3,995,175	6,115,175
		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

Bond Description	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		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
		TOTAL	81,585,000		52,972,200	134,557,200
<b>Second Lien Sewer System Revenue Refunding Bonds, 2008 Series B</b>						
5/25/2006 - Due 6/15	87,135,000					
		2009/10	1,335,000	5.00%	9,744,500	11,079,500
		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
		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
		TOTAL	194,890,000		133,515,250	328,405,250
<b>TOTAL - Second Lien Sewer Bonds</b>						
	262,640,000					
		2009/10	12,410,000		16,093,813	28,503,813
		2010/11	5,740,000		15,473,313	21,213,313
		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

Bond Description	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		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>			322,920,000		203,592,400	526,512,400
<b>Department of Environmental Quality - Clean Water Loan #R74163</b>						
Due - 8/1 & 2/1	2,326,248					
		2009/10	112,960	1.00%	20,542	133,502
		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
		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
		TOTAL	2,082,350		187,202	2,269,552
<b>Department of Environmental Quality - Clean Water Loan #R74165</b>						
Due - 12/1 & 6/1	4,158,000					
		2009/10	192,991.00	1.00%	35,095.00	228,086
		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
		TOTAL	3,557,639		319,828	3,877,467
<b>Department of Environmental Quality - Clean Water Loan #R74166</b>						
Due - 4/1 & 10/1	400,000					
		2009/10	81,708.00	1.13%	1,158.00	82,866
		2010/11	41,201.00	1.13%	233.00	41,434



Bond Description	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		TOTAL	122,909		1,391	124,300
<b>Department of Environmental Quality - Clean Water Loan #R74167</b>						
Due - 12/1 & 6/1	4,272,068					
		2009/10	203,476.00	1.00%	38,204.00	241,680
		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
		TOTAL	3,871,155		358,244	4,229,399
<b>Department of Environmental Quality - Clean Water Loan #R74168</b>						
Due - 12/1 & 6/1	1,482,454					
		2009/10	70,554.00	1.00%	13,246.00	83,800
		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
		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
		TOTAL	1,342,284		124,218	1,466,502
<b>Department of Environmental Quality - Clean Water Loan #R74169</b>						
Due - 4/1 & 10/1	1,149,012					
		2009/10	55,001.00	1.00%	10,001.00	65,002
		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

Bond Description	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		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>1,013,888</b>		<b>91,148</b>	<b>1,105,036</b>
<b>Department of Environmental Quality - Clean Water Loan #R74170</b>						
Due - 4/1 & 10/1	5,534,000					
		2009/10	263,581	1.00%	49,489	313,070
		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>5,014,661</b>		<b>464,070</b>	<b>5,478,731</b>
<b>Department of Environmental Quality - Clean Water Loan #R74172</b>						
Due - 2/1 & 8/1	100,000					
		2009/10	4,003	2.72%	2,639	6,642
		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
		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>98,039</b>		<b>28,157</b>	<b>126,196</b>

Bond Description	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
<b>Department of Environmental Quality - Clean Water Loans Projected</b>						
Projected	N/A	2009/10	345,317		77,144	422,461
		TOTAL	345,317		77,144	422,461
<b>Wastewater Financing - Economic Development Loan</b>						
10/08/1997 - Due 12/1	700,000	2009/10	36,136	4.91%	19,985	56,121
		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
		TOTAL	397,663		106,637	504,300
<b>TOTAL - State Loans</b>						
	17,795,534	2009/10	1,365,727		267,503	1,633,230
		2010/11	989,325		178,512	1,167,837
		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>			17,845,905		1,758,039	19,603,944
<b>COMBINED DEBT SERVICE</b>						
	1,386,235,534	2009/10	53,825,727		66,343,609	120,169,336
		2010/11	56,544,325		63,640,718	120,185,043
		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

Bond Description	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		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>\$1,368,465,905</b>		<b>\$ 696,420,677</b>	<b>\$2,064,886,582</b>

	Actual FY 2006-07	Actual FY 2007-08	Revised FY 2008-09	Proposed FY 2009-10	Approved FY 2009-10	Adopted FY 2009-10
<b>RESOURCES</b>						
Licenses & Permits	1,041,882	1,287,994	1,460,000	1,500,000	1,500,000	1,500,000
Charges for Services	224,657,439	214,160,334	223,344,012	236,546,620	236,774,193	236,774,193
Grants	17,341	29,459	0	0	0	0
State	85,782	573,676	1,255,635	0	0	0
Local	274,282	375,400	753,516	0	0	0
Bond and Note	6,662,483	423,096	500,000	600,000	600,000	600,000
Miscellaneous	2,426,630	2,090,843	1,665,968	815,000	815,000	1,315,000
<b>Total External Revenues</b>	<b>235,165,839</b>	<b>218,940,802</b>	<b>228,979,131</b>	<b>239,461,620</b>	<b>239,689,193</b>	<b>240,189,193</b>
General Fund Discretionary	0	0	0	0	0	0
Fund Transfers - Revenue	181,563,432	185,105,659	208,275,883	254,457,594	254,457,594	254,076,631
Interagency Revenue	1,687,597	1,644,891	2,335,188	8,460,228	8,460,228	3,758,580
<b>Total Internal Revenues</b>	<b>183,251,029</b>	<b>186,750,550</b>	<b>210,611,071</b>	<b>262,917,822</b>	<b>262,917,822</b>	<b>257,835,211</b>
Beginning Fund Balance	25,478,156	48,142,145	27,000,000	23,200,000	23,200,000	23,200,000
<b>TOTAL RESOURCES</b>	<b>\$ 443,895,024</b>	<b>\$ 453,833,497</b>	<b>\$ 466,590,202</b>	<b>\$ 525,579,442</b>	<b>\$ 525,807,015</b>	<b>\$ 521,224,404</b>
<b>REQUIREMENTS</b>						
Personal Services	41,643,674	45,134,085	50,000,661	50,070,682	50,622,172	50,580,181
External Materials & Services	42,601,677	48,461,770	55,287,913	43,420,170	43,595,933	43,525,933
Internal Materials & Services	36,183,965	30,879,923	34,811,183	41,759,688	41,833,926	37,508,278
Capital Expenses	136,753,405	140,401,628	146,015,513	207,586,469	207,586,469	207,586,469
<b>Total Bureau Expenditures</b>	<b>257,182,721</b>	<b>264,877,406</b>	<b>286,115,270</b>	<b>342,837,009</b>	<b>343,638,500</b>	<b>339,200,861</b>
Contingency	0	0	16,893,426	17,550,104	17,370,750	17,295,543
Fund Transfers - Expense	138,061,736	156,469,372	161,588,497	151,480,901	151,086,337	151,016,572
Bond Expenses	1,818,022	6,490,412	1,892,721	13,391,428	13,391,428	13,391,428
Bond Issuance Costs	434,767	415,614	100,288	120,000	120,000	120,000
Debt Service Reserves	0	0	0	200,000	200,000	200,000
<b>Total Fund Requirements</b>	<b>140,314,525</b>	<b>163,375,398</b>	<b>180,474,932</b>	<b>182,742,433</b>	<b>182,168,515</b>	<b>182,023,543</b>
Ending Fund Balance	46,397,778	25,580,693	0	0	0	0
<b>TOTAL REQUIREMENTS</b>	<b>\$ 443,895,024</b>	<b>\$ 453,833,497</b>	<b>\$ 466,590,202</b>	<b>\$ 525,579,442</b>	<b>\$ 525,807,015</b>	<b>\$ 521,224,404</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 \$221.4 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 \$236.8 million for FY 2009-10. Sewer rate revenues, budgeted at approximately \$221.7 million, are based on the following assumptions: an average single family residential bill increase of 6.5%, 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 \$11.5 million in FY 2009-10.

## Requirements

Personal services are budgeted to increase 1.2% over the FY 2008-09 Revised Budget, which includes \$1.1 million of cost of living increases that FY 2009-10 does not. The increase is due to the addition of 4.0 FTEs for Clean River Rewards. An additional two staff positions within System Development and Wastewater are left unfunded, resulting in a savings of over \$140,000. One district engineer is added to address collection system maintenance issues and one CIP design technician is added, converting a contract position to a City position. Six positions are planned for the new Healthy Working Rivers Program.

External materials and services decreased \$11.8 million due to a late year budget adjustment in FY 2008-09 of an additional \$10 million to better reflect CIP program costs. Without the increased resources in FY 2008-09, FY 2009-10 would be at nearly the same levels as last year. A local economic stimulus package of \$2.5 million has been added in materials and services for tree planting and invasive species control in support of the Grey to Green Initiative. Internal materials and services increased \$2.7 million or 7.2%. Adding to the increase are nearly \$1.0 million of additional resources for collection system maintenance activities. Other increases within internal materials and services are services required by CIP program activities, specifically \$3.0 million for the Eastside Streetcar.

Capital outlay is \$207.6 million in FY 2009-10 versus about \$146.0 million in the FY 2008-09 Revised Budget. The \$61.6 million increase reflects the construction of the Portsmouth Force Main, the continuation of the Eastside Tunnel projects, and a local economic stimulus package of \$16.5 million, of which \$11.7 million is for sewer repair and upgrade projects in Oak and Fanno basins, \$200,000 is for green street facilities, \$800,000 is for habitat restoration and enhancement at the Tryon Creek confluence, \$3.0 million is for sewer relocation work in support of the Eastside Streetcar, and \$750,000 is for reconstruction of substandard private party sewers.

## Cash Transfers and General Fund Overhead

General Fund overhead increased nearly \$375,000. Cash transfers to other funds are budgeted at \$151.0 million for FY 2009-10. Reasons for the change from the FY 2008-09 Revised Budget of \$161.6 million include:

- ◆ Transfers to the Sewer System Construction Fund are budgeted at \$2.0 million in the FY 2009-10 Adopted Budget, a \$15.0 million decrease from the FY 2008-09 Revised Budget that included additional appropriation to move funds for FY 2008-09 year-end
- ◆ Transfers to the Sewer System Debt Redemption Fund are budgeted at \$120.0 million, a \$1.2 million decrease
- ◆ Transfers to the Sewer System Rate Stabilization Fund increased from \$0 in the FY 2008-09 Revised Budget to \$5.0 million to balance coverage requirements
- ◆ Transfers to the Environmental Remediation Fund for Portland Harbor Superfund expenditures are budgeted at \$5.2 million, reflecting an increase for professional services related to source control, Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) program activities, and the Healthy Working Rivers Program

	Actual FY 2006-07	Actual FY 2007-08	Revised FY 2008-09	Proposed FY 2009-10	Approved FY 2009-10	Adopted FY 2009-10
<b>RESOURCES</b>						
Bond and Note	6,000,000	0	6,000,000	0	0	0
Miscellaneous	2,378,176	2,572,680	3,171,100	750,000	750,000	750,000
<b>Total External Revenues</b>	<b>8,378,176</b>	<b>2,572,680</b>	<b>9,171,100</b>	<b>750,000</b>	<b>750,000</b>	<b>750,000</b>
Fund Transfers - Revenue	7,000,000	17,000,000	0	5,000,000	5,000,000	5,000,000
<b>Total Internal Revenues</b>	<b>7,000,000</b>	<b>17,000,000</b>	<b>0</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>
Beginning Fund Balance	41,629,701	57,007,877	75,650,000	67,100,000	67,100,000	67,100,000
<b>TOTAL RESOURCES</b>	<b>\$ 57,007,877</b>	<b>\$ 76,580,557</b>	<b>\$ 84,821,100</b>	<b>\$ 72,850,000</b>	<b>\$ 72,850,000</b>	<b>\$ 72,850,000</b>
<b>REQUIREMENTS</b>						
Contingency	0	0	74,321,100	67,850,000	67,850,000	67,850,000
Fund Transfers - Expense	0	118,000	10,500,000	5,000,000	5,000,000	5,000,000
<b>Total Fund Requirements</b>	<b>0</b>	<b>118,000</b>	<b>84,821,100</b>	<b>72,850,000</b>	<b>72,850,000</b>	<b>72,850,000</b>
Ending Fund Balance	57,007,877	76,462,557	0	0	0	0
<b>TOTAL REQUIREMENTS</b>	<b>\$ 57,007,877</b>	<b>\$ 76,580,557</b>	<b>\$ 84,821,100</b>	<b>\$ 72,850,000</b>	<b>\$ 72,850,000</b>	<b>\$ 72,850,000</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 will build the fund balance to offset future rate increases associated with construction of the Eastside Combined Sewer Overflow Tunnel.

**Managing Agency** Bureau of Environmental Services

**SIGNIFICANT CHANGES FROM PRIOR YEAR**

Miscellaneous revenues are budgeted lower in FY 2009-10 due to a much lower interest rate on investments and lower cash balances.

**Closed - Sewer System Safety Net Fund****FUND SUMMARY**

Public Utilities Service Area

	Actual FY 2006-07	Actual FY 2007-08	Revised FY 2008-09	Proposed FY 2009-10	Approved FY 2009-10	Adopted FY 2009-10
<b>RESOURCES</b>						
Bond and Note	39,166	0	0	0	0	0
Miscellaneous	30,465	0	0	0	0	0
<b>Total External Revenues</b>	<b>69,631</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Beginning Fund Balance	1,115,805	0	0	0	0	0
<b>TOTAL RESOURCES</b>	<b>\$ 1,185,436</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>
<b>REQUIREMENTS</b>						
Ending Fund Balance	1,185,436	0	0	0	0	0
<b>TOTAL REQUIREMENTS</b>	<b>\$ 1,185,436</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>

**FUND OVERVIEW**

This fund was closed at the end of FY 2006-07. With repayment of the State Assessment Deferred Loan Fund, there was no further need to segregate remaining balance from other sewer system resources. Remaining fund balance was transferred to the Sewer System Operating Fund.

**Managing Agency** Bureau of Environmental Services



	Actual FY 2006-07	Actual FY 2007-08	Revised FY 2008-09	Proposed FY 2009-10	Approved FY 2009-10	Adopted FY 2009-10
<b>RESOURCES</b>						
Licenses & Permits	1,930,718	2,070,267	2,175,703	2,282,964	2,282,964	2,282,964
Charges for Services	1,277,574	1,201,246	1,765,839	1,473,877	1,473,877	1,473,877
Local	432,299	588,482	26,995	0	0	0
Miscellaneous	293,034	203,509	220,280	74,133	74,133	74,133
<b>Total External Revenues</b>	<b>3,933,625</b>	<b>4,063,504</b>	<b>4,188,817</b>	<b>3,830,974</b>	<b>3,830,974</b>	<b>3,830,974</b>
Fund Transfers - Revenue	50,917	42,567	3,065	0	0	1,681
Interagency Revenue	90,411	94,843	98,740	98,740	98,740	98,740
<b>Total Internal Revenues</b>	<b>141,328</b>	<b>137,410</b>	<b>101,805</b>	<b>98,740</b>	<b>98,740</b>	<b>100,421</b>
Beginning Fund Balance	4,569,028	5,055,598	4,580,359	3,858,967	3,858,967	3,858,967
<b>TOTAL RESOURCES</b>	<b>\$ 8,643,981</b>	<b>\$ 9,256,512</b>	<b>\$ 8,870,981</b>	<b>\$ 7,788,681</b>	<b>\$ 7,788,681</b>	<b>\$ 7,790,362</b>
<b>REQUIREMENTS</b>						
Personal Services	1,150,253	1,405,369	1,270,381	1,446,586	1,446,586	1,446,586
External Materials & Services	958,932	1,459,550	1,384,698	1,205,164	1,205,164	1,205,164
Internal Materials & Services	727,864	1,017,043	1,074,430	1,067,007	1,067,007	1,067,007
<b>Total Bureau Expenditures</b>	<b>2,837,049</b>	<b>3,881,962</b>	<b>3,729,509</b>	<b>3,718,757</b>	<b>3,718,757</b>	<b>3,718,757</b>
Contingency	0	0	503,337	88,108	88,108	90,774
Fund Transfers - Expense	709,853	789,219	973,718	889,503	889,503	888,518
Bond Expenses	41,481	35,062	35,750	44,854	44,854	44,854
<b>Total Fund Requirements</b>	<b>751,334</b>	<b>824,281</b>	<b>1,512,805</b>	<b>1,022,465</b>	<b>1,022,465</b>	<b>1,024,146</b>
Ending Fund Balance	5,055,598	4,550,269	3,628,667	3,047,459	3,047,459	3,047,459
<b>TOTAL REQUIREMENTS</b>	<b>\$ 8,643,981</b>	<b>\$ 9,256,512</b>	<b>\$ 8,870,981</b>	<b>\$ 7,788,681</b>	<b>\$ 7,788,681</b>	<b>\$ 7,790,362</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. Residential franchise fees are set at 5% of haulers' gross revenue, and commercial tonnage fees are set at \$5.80 per ton for garbage disposal.

**Managing Agency** Bureau of Planning and Sustainability

**SIGNIFICANT CHANGES FROM PRIOR YEAR**

**Creation of Bureau of Planning and Sustainability** In January 2009, City Council approved the merging of the Bureau of Planning with the Office of Sustainable Development. The new Bureau of Planning and Sustainability is now the manager of the Solid Waste Management Fund. In that role, it will continue to operate the programs traditionally supported by the fund.

**Water Bond Sinking Fund****FUND SUMMARY**

Public Utilities Service Area

	Actual FY 2006-07	Actual FY 2007-08	Revised FY 2008-09	Proposed FY 2009-10	Approved FY 2009-10	Adopted FY 2009-10
<b>RESOURCES</b>						
Bond and Note	45,199,492	0	0	7,459,000	7,459,000	7,459,000
Miscellaneous	16,434	879	137,500	100,409	100,409	100,409
<b>Total External Revenues</b>	<b>45,215,926</b>	<b>879</b>	<b>137,500</b>	<b>7,559,409</b>	<b>7,559,409</b>	<b>7,559,409</b>
Fund Transfers - Revenue	15,626,573	18,421,465	27,390,174	23,740,488	23,740,488	23,740,488
<b>Total Internal Revenues</b>	<b>15,626,573</b>	<b>18,421,465</b>	<b>27,390,174</b>	<b>23,740,488</b>	<b>23,740,488</b>	<b>23,740,488</b>
Beginning Fund Balance	13,645	16,434	0	5,398,544	5,398,544	5,398,544
<b>TOTAL RESOURCES</b>	<b>\$ 60,856,144</b>	<b>\$ 18,438,778</b>	<b>\$ 27,527,674</b>	<b>\$ 36,698,441</b>	<b>\$ 36,698,441</b>	<b>\$ 36,698,441</b>
<b>REQUIREMENTS</b>						
Bond Expenses	60,839,710	18,437,899	21,527,674	23,840,898	23,840,898	23,840,898
Debt Service Reserves	0	0	6,000,000	12,857,543	12,857,543	12,857,543
<b>Total Fund Requirements</b>	<b>60,839,710</b>	<b>18,437,899</b>	<b>27,527,674</b>	<b>36,698,441</b>	<b>36,698,441</b>	<b>36,698,441</b>
Ending Fund Balance	16,434	879	0	0	0	0
<b>TOTAL REQUIREMENTS</b>	<b>\$ 60,856,144</b>	<b>\$ 18,438,778</b>	<b>\$ 27,527,674</b>	<b>\$ 36,698,441</b>	<b>\$ 36,698,441</b>	<b>\$ 36,698,441</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 2009-10 is a transfer from the Water Fund of \$23.3 million. The Water Construction Fund will provide a \$0.4 million transfer of interest earnings on bond proceeds. A Bond Reserve Account for \$7.5 million will be established with the 2010 bond sale.

# Water Bond Sinking Fund

# 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					
		2009/10	1,545,000	3.20%	78,780	1,623,780
		2010/11	1,590,000	3.40%	27,030	1,617,030
		TOTAL	3,135,000		105,810	3,240,810
<b>Water System Revenue Bonds, 2000 Series A</b>						
03/15/2000 - Due 08/01	35,000,000					
		2009/10	720,000	5.00%	397,955	1,117,955
		2010/11	760,000	5.00%	360,955	1,120,955
		2011/12	800,000	5.00%	321,955	1,121,955
		2012/13	840,000	5.13%	280,430	1,120,430
		2013/14	890,000	5.20%	235,765	1,125,765
		2014/15	930,000	5.25%	188,213	1,118,213
		2015/16	990,000	5.25%	137,813	1,127,813
		2016/17	1,040,000	5.25%	84,525	1,124,525
		2017/18	1,090,000	5.25%	28,613	1,118,613
		TOTAL	8,060,000		2,036,223	10,096,223
<b>Water System Revenue Refunding Bonds, 2004 Series A</b>						
05/06/04 - Due 10/1	29,900,000					
		2009/10	2,445,000	5.00%	870,950	3,315,950
		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
		TOTAL	19,855,000		3,353,088	23,208,088
<b>Water System Revenue Bonds, 2004 Series B</b>						
05/06/04 - Due 10/1	61,900,000					
		2009/10	2,380,000	5.00%	2,362,300	4,742,300
		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	50,870,000		20,237,975	71,107,975
<b>Water System Revenue Refunding Bonds, 2006 Series B</b>						
09/21/06 - Due 10/1	44,000,000					
		2009/10	1,240,000	4.00%	1,853,006	3,093,006
		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

Bond Description	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		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	42,725,000		15,587,441	58,312,441
<b>First Lien Water System Revenue Bonds, 2008 Series A</b>						
08/07/08 - Due 11/1	79,680,000					
		2009/10	1,725,000	5.00%	3,672,319	5,397,319
		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	79,680,000		55,225,197	134,905,197
<b>TOTAL - First Lien Water Bonds</b>	178,440,000					
		2009/10	8,510,000		9,156,530	17,666,530
		2010/11	8,930,000		8,733,180	17,663,180
		2011/12	9,380,000		8,288,580	17,668,580
		2012/13	9,825,000		7,838,680	17,663,680
		2013/14	10,295,000		7,365,728	17,660,728
		2014/15	10,790,000		6,874,563	17,664,563
		2015/16	11,280,000		6,382,838	17,662,838
		2016/17	12,100,000		5,827,625	17,927,625
		2017/18	12,715,000		5,204,588	17,919,588
		2018/19	13,325,000		4,596,400	17,921,400
		2019/20	13,915,000		4,001,072	17,916,072
		2020/21	14,525,000		3,394,169	17,919,169
		2021/22	7,195,000		2,937,391	10,132,391
		2022/23	7,535,000		2,604,519	10,139,519
		2023/24	7,910,000		2,234,250	10,144,250
		2024/25	3,435,000		1,959,019	5,394,019
		2025/26	3,605,000		1,791,819	5,396,819
		2026/27	3,780,000		1,616,425	5,396,425
		2027/28	3,965,000		1,432,481	5,397,481
		2028/29	4,155,000		1,239,631	5,394,631
		2029/30	4,360,000		1,037,400	5,397,400

Bond Description	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2030/31	4,570,000		825,313	5,395,313
		2031/32	4,795,000		602,894	5,397,894
		2032/33	5,025,000		369,669	5,394,669
		2033/34	5,270,000		125,163	5,395,163
<b>TOTAL FIRST LIEN WATER REVENUE BONDS</b>			201,190,000		96,439,923	297,629,923
<b>Second Lien Water System Revenue Bonds, 2006 Series A</b>						
09/21/06 - Due 10/1	68,970,000					
		2009/10	1,680,000	5.00%	2,870,588	4,550,588
		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>	65,855,000		38,753,269	104,608,269
<b>TOTAL - First and Second Lien Water System Revenue Bonds</b>	247,410,000					
		2009/10	10,190,000		12,027,118	22,217,118
		2010/11	10,685,000		11,524,474	22,209,474
		2011/12	11,215,000		11,003,586	22,218,586
		2012/13	11,740,000		10,473,999	22,213,999
		2013/14	12,300,000		9,910,228	22,210,228
		2014/15	12,895,000		9,316,313	22,211,313
		2015/16	13,495,000		8,716,588	22,211,588
		2016/17	14,420,000		8,053,800	22,473,800
		2017/18	15,145,000		7,323,888	22,468,888
		2018/19	15,865,000		6,603,875	22,468,875
		2019/20	16,565,000		5,898,397	22,463,397
		2020/21	17,285,000		5,181,569	22,466,569
		2021/22	10,070,000		4,608,569	14,678,569
		2022/23	10,535,000		4,152,650	14,687,650
		2023/24	11,040,000		3,652,119	14,692,119
		2024/25	6,705,000		3,238,844	9,943,844
		2025/26	7,020,000		2,925,409	9,945,409
		2026/27	7,345,000		2,599,556	9,944,556
		2027/28	7,690,000		2,256,044	9,946,044
		2028/29	8,050,000		1,891,744	9,941,744
		2029/30	8,430,000		1,515,388	9,945,388
		2030/31	8,820,000		1,121,188	9,941,188

Bond Description	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2031/32	9,245,000		703,019	9,948,019
		2032/33	5,025,000		369,669	5,394,669
		2033/34	5,270,000		125,163	5,395,163
			267,045,000		135,193,192	402,238,192
<b>COMBINED DEBT SERVICE</b>						
	255,050,000					
		2009/10	11,735,000		12,105,898	23,840,898
		2010/11	12,275,000		11,551,504	23,826,504
		2011/12	11,215,000		11,003,586	22,218,586
		2012/13	11,740,000		10,473,999	22,213,999
		2013/14	12,300,000		9,910,228	22,210,228
		2014/15	12,895,000		9,316,313	22,211,313
		2015/16	13,495,000		8,716,588	22,211,588
		2016/17	14,420,000		8,053,800	22,473,800
		2017/18	15,145,000		7,323,888	22,468,888
		2018/19	15,865,000		6,603,875	22,468,875
		2019/20	16,565,000		5,898,397	22,463,397
		2020/21	17,285,000		5,181,569	22,466,569
		2021/22	10,070,000		4,608,569	14,678,569
		2022/23	10,535,000		4,152,650	14,687,650
		2023/24	11,040,000		3,652,119	14,692,119
		2024/25	6,705,000		3,238,844	9,943,844
		2025/26	7,020,000		2,925,409	9,945,409
		2026/27	7,345,000		2,599,556	9,944,556
		2027/28	7,690,000		2,256,044	9,946,044
		2028/29	8,050,000		1,891,744	9,941,744
		2029/30	8,430,000		1,515,388	9,945,388
		2030/31	8,820,000		1,121,188	9,941,188
		2031/32	9,245,000		703,019	9,948,019
		2032/33	5,025,000		369,669	5,394,669
		2033/34	5,270,000		125,163	5,395,163
<b>TOTAL FUND DEBT SERVICE</b>			<b>\$ 270,180,000</b>		<b>\$ 135,299,002</b>	<b>\$ 405,479,002</b>

	Actual FY 2006-07	Actual FY 2007-08	Revised FY 2008-09	Proposed FY 2009-10	Approved FY 2009-10	Adopted FY 2009-10
<b>RESOURCES</b>						
Charges for Services	2,392,644	3,429,578	2,750,000	2,000,000	2,000,000	2,000,000
Bond and Note	70,196,438	0	81,150,000	87,896,000	87,896,000	87,896,000
Miscellaneous	3,109,698	2,033,138	1,890,721	670,888	670,888	670,888
<b>Total External Revenues</b>	<b>75,698,780</b>	<b>5,462,716</b>	<b>85,790,721</b>	<b>90,566,888</b>	<b>90,566,888</b>	<b>90,566,888</b>
Fund Transfers - Revenue	19,337,197	14,044,995	12,362,291	9,029,335	9,029,335	9,029,335
<b>Total Internal Revenues</b>	<b>19,337,197</b>	<b>14,044,995</b>	<b>12,362,291</b>	<b>9,029,335</b>	<b>9,029,335</b>	<b>9,029,335</b>
Beginning Fund Balance	11,598,926	50,605,641	16,055,462	34,560,297	34,560,297	34,560,297
<b>TOTAL RESOURCES</b>	<b>\$ 106,634,903</b>	<b>\$ 70,113,352</b>	<b>\$ 114,208,474</b>	<b>\$ 134,156,520</b>	<b>\$ 134,156,520</b>	<b>\$ 134,156,520</b>
<b>REQUIREMENTS</b>						
Contingency	0	0	0	12,586,396	12,586,396	12,586,396
Fund Transfers - Expense	56,029,262	54,057,890	81,859,256	83,909,308	83,909,308	83,909,308
<b>Total Fund Requirements</b>	<b>56,029,262</b>	<b>54,057,890</b>	<b>81,859,256</b>	<b>96,495,704</b>	<b>96,495,704</b>	<b>96,495,704</b>
Ending Fund Balance	50,605,641	16,055,462	32,349,218	37,660,816	37,660,816	37,660,816
<b>TOTAL REQUIREMENTS</b>	<b>\$ 106,634,903</b>	<b>\$ 70,113,352</b>	<b>\$ 114,208,474</b>	<b>\$ 134,156,520</b>	<b>\$ 134,156,520</b>	<b>\$ 134,156,520</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 is planning on a \$95.4 million bond sale for the winter of 2010, which includes funding a \$7.5 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 \$87.9 million.

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

Public Utilities Service Area

	Actual FY 2006-07	Actual FY 2007-08	Revised FY 2008-09	Proposed FY 2009-10	Approved FY 2009-10	Adopted FY 2009-10
<b>RESOURCES</b>						
Charges for Services	86,139,533	91,760,371	96,823,723	108,301,452	108,301,452	108,301,452
Local	2,805	3,166	1,000	1,000	1,000	1,000
Miscellaneous	2,215,990	1,617,907	1,290,477	938,781	938,781	938,781
<b>Total External Revenues</b>	<b>88,358,328</b>	<b>93,381,444</b>	<b>98,115,200</b>	<b>109,241,233</b>	<b>109,241,233</b>	<b>109,241,233</b>
Fund Transfers - Revenue	57,975,420	56,164,701	76,576,339	83,493,420	83,493,420	83,544,050
Interagency Revenue	6,464,269	1,846,795	2,450,368	2,807,676	2,807,676	2,807,676
<b>Total Internal Revenues</b>	<b>64,439,689</b>	<b>58,011,496</b>	<b>79,026,707</b>	<b>86,301,096</b>	<b>86,301,096</b>	<b>86,351,726</b>
Beginning Fund Balance	28,268,859	33,513,803	28,724,429	26,631,475	26,631,475	26,631,475
<b>TOTAL RESOURCES</b>	<b>\$ 181,066,876</b>	<b>\$ 184,906,743</b>	<b>\$ 205,866,336</b>	<b>\$ 222,173,804</b>	<b>\$ 222,173,804</b>	<b>\$ 222,224,434</b>
<b>REQUIREMENTS</b>						
Personal Services	46,269,306	52,410,712	56,262,009	55,906,349	55,911,899	55,911,899
External Materials & Services	21,915,801	20,881,471	20,838,145	35,349,860	35,344,310	35,344,310
Internal Materials & Services	20,012,777	21,313,984	21,624,533	19,560,097	19,560,097	19,560,097
Capital Expenses	15,959,388	22,770,414	35,844,789	36,803,322	36,803,322	36,803,322
<b>Total Bureau Expenditures</b>	<b>104,157,272</b>	<b>117,376,581</b>	<b>134,569,476</b>	<b>147,619,628</b>	<b>147,619,628</b>	<b>147,619,628</b>
Contingency	0	0	27,241,601	30,285,737	30,285,737	30,366,040
Fund Transfers - Expense	40,066,903	38,736,729	40,443,280	40,437,237	40,437,237	40,407,564
Bond Expenses	2,415,436	1,751,897	3,075,079	3,209,072	3,209,072	3,209,072
Bond Issuance Costs	913,462	0	536,900	622,130	622,130	622,130
<b>Total Fund Requirements</b>	<b>43,395,801</b>	<b>40,488,626</b>	<b>71,296,860</b>	<b>74,554,176</b>	<b>74,554,176</b>	<b>74,604,806</b>
Ending Fund Balance	33,513,803	27,041,536	0	0	0	0
<b>TOTAL REQUIREMENTS</b>	<b>\$ 181,066,876</b>	<b>\$ 184,906,743</b>	<b>\$ 205,866,336</b>	<b>\$ 222,173,804</b>	<b>\$ 222,173,804</b>	<b>\$ 222,224,434</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 rate setting.

**Managing Agency** Portland Water Bureau

**SIGNIFICANT CHANGES FROM PRIOR YEAR**

FY 2009-10 Water Fund resources increased by approximately \$16.4 million from the FY 2008-09 Revised Budget. The change in resources includes increases in service charges and fees of \$11.1 million, an increase in cash transfers of \$7.0 million, offset by a reduction in the beginning fund balance of \$2.1 million. The cash transfer increase is from the Water Construction Fund to fund the increased expenditures of the Capital Improvement Plan.

The operating budget decreased \$3.1 million in FY 2009-10 due to the two reduction decision packages required by City Council. The capital budget includes an additional \$20.5 million to comply with the Environmental Protection Agency's Long Term 2 Enhanced Surface Water Treatment Rule (LT2).



	Actual FY 2006-07	Actual FY 2007-08	Revised FY 2008-09	Proposed FY 2009-10	Approved FY 2009-10	Adopted FY 2009-10
<b>RESOURCES</b>						
Miscellaneous	90,914	55,685	0	0	0	0
<b>Total External Revenues</b>	90,914	55,685	0	0	0	0
Beginning Fund Balance	1,765,928	1,856,842	1,912,526	0	0	0
<b>TOTAL RESOURCES</b>	<b>\$ 1,856,842</b>	<b>\$ 1,912,527</b>	<b>\$ 1,912,526</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>
<b>REQUIREMENTS</b>						
Fund Transfers - Expense	0	0	1,912,526	0	0	0
<b>Total Fund Requirements</b>	0	0	1,912,526	0	0	0
Ending Fund Balance	1,856,842	1,912,527	0	0	0	0
<b>TOTAL REQUIREMENTS</b>	<b>\$ 1,856,842</b>	<b>\$ 1,912,527</b>	<b>\$ 1,912,526</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 of money 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, so the only revenue in this fund is interest earned on the fund balance.

**Managing Agency**      Portland Water Bureau

**SIGNIFICANT CHANGES FROM PRIOR YEAR**

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 Fund will be closed by ordinance in FY 2008-09 at the time of the FY 2009-10 budget adoption.

