

# Sewer

	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2017-2018 PROPOSED	2018-2019 <i>Projected</i>
<b>Resources</b>					
Beginning Balance	\$ 18,844,248	\$ 17,368,218	\$ 18,082,218	\$ 18,758,115	\$ 17,198,115
Department Revenues	12,937,913	13,359,452	13,765,000	14,018,000	14,430,000
Proceeds Sale of Capital Assets	4,320	-	-	-	-
<b>Total Resources</b>	<b>\$ 31,786,481</b>	<b>\$ 30,727,670</b>	<b>\$ 31,847,218</b>	<b>\$ 32,776,115</b>	<b>\$ 31,628,115</b>
<b>Requirements</b>					
Personnel Services	\$ 543,200	\$ 531,475	\$ 688,000	\$ 795,000	\$ 838,000
Materials & Services	3,247,461	3,446,806	3,816,000	4,680,000	4,533,000
Internal Fees for Svcs	977,012	898,748	1,060,000	1,240,000	1,288,000
Debt Service	6,367,906	6,364,806	6,360,000	6,363,000	6,358,000
Transfers	1,937,000	-	95,000	-	-
Capital Outlay	1,345,684	377,720	3,400,000	2,500,000	3,007,000
Contingency	-	-	16,428,218	17,198,115	15,604,115
Unappropriated End Bal	17,368,218	19,108,115	-	-	-
<b>Total Requirements</b>	<b>\$ 31,786,481</b>	<b>\$ 30,727,670</b>	<b>\$ 31,847,218</b>	<b>\$ 32,776,115</b>	<b>\$ 31,628,115</b>
<b>FTE</b>	<b>6.0</b>	<b>6.0</b>	<b>6.2</b>	<b>7.2</b>	<b>7.2</b>

## Budget Notes

- Department revenue includes sewer fee revenue, utility penalties, SDC and line charges from the City of Portland, investment income, and zone of benefit fees.

### 2017-18 Proposed

- Personnel Services reflects the transfer of 1 FTE from the Street Fund to the Sewer Fund to allow for an increased level of sewer maintenance.
- Materials & Services includes annual maintenance for the Infor Asset Management System, condition assessment, inflow/infiltration program analysis, utility rate analysis, and remittance to the City of Portland and Clean Water Services for sewer treatment.
- Capital Outlay includes annual systemwide rehabilitation, Marylhurst Pump Station replacement, Forest Highlands Trunk replacement, and sewer infrastructure on Country Club for the 6 Corners projects.
- Contingency is recommended for inflow and infiltration capital work and for future increases in payments to the City of Portland for sewer treatment as result of the Tryon Creek Wastewater Treatment Plant upgrades.

### 2018-19 Projected

- Capital Outlay includes annual systemwide rehabilitation, completing the Marylhurst Pump Station replacement, continuing the Forest Highlands Trunk replacement, finishing the sewer upgrade on Country Club for the 6 Corners project, and starting the Foothills Road Interceptor replacement project.

## Water

	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2017-2018 PROPOSED	2018-2019 <i>Projected</i>
<b>Resources</b>					
Beginning Balance	\$ 8,428,122	\$ 10,333,237	\$ 8,410,237	\$ 8,635,539	\$ 7,196,092
Department Revenues	11,849,595	13,302,289	14,101,000	14,763,553	15,074,000
Proceeds from Bond Sale	-	3,323	-	-	-
<b>Total Resources</b>	<b>\$ 20,277,717</b>	<b>\$ 23,638,849</b>	<b>\$ 22,511,237</b>	<b>\$ 23,399,092</b>	<b>\$ 22,270,092</b>
<b>Requirements</b>					
Personnel Services	\$ 1,919,349	\$ 1,935,487	\$ 2,262,000	\$ 2,439,000	\$ 2,553,000
Materials & Services	1,688,665	2,029,656	2,726,000	3,450,000	3,274,000
Internal Fees for Svcs	1,010,000	992,251	1,108,000	1,462,000	1,511,000
Debt Service	4,307,816	4,309,216	6,445,000	6,442,000	6,443,000
Transfers	-	5,000,000	2,017,000	895,000	-
Capital Outlay	1,018,650	184,701	475,000	1,515,000	853,000
Contingency	-	-	7,478,237	7,196,092	7,636,092
Unappropriated End Bal	10,333,237	9,187,539	-	-	-
<b>Total Requirements</b>	<b>\$ 20,277,717</b>	<b>\$ 23,638,849</b>	<b>\$ 22,511,237</b>	<b>\$ 23,399,092</b>	<b>\$ 22,270,092</b>
<b>FTE</b>	17.2	17.7	18.9	19.8	19.8

Key Performance Indicators	2014-15	2015-16	2016-17 EST
Gallons of Drinking Water Produced	1.85 Billion	2.26 Billion	3.37 Billion
Percent of Water Quality Standards met or exceeded	100%	100%	100%

### Budget Notes

- Department revenue includes consumer water sales, bulk water sales, utility penalties, meter installations, investment income, work order charges, sundry income, and Tigard's share of water production costs (starting in FY2017).
- Internal Fees for Service covers general administrative services, insurance, engineering services, operations support services, and electrician services and maintenance services by Motor Pool.

### 2017-18 Proposed

- Personnel Services reflects the transfer of an administrative assistant at 0.9 FTE from the LO-Tigard Fund to the Water Treatment Plant.
- Materials and Services include Annual Consumer Confidence Report, contract for membership, professional design services, hydraulic modeling analysis, Regional Water Providers, Clackamas Water Providers fee, miscellaneous required fees and permits, utility rate analysis, clay valve repairs, and Advanced Metering IT hosting fee.
- Transfer is to the Operations Building Fund for Water's portion of project costs.
- Capital Outlay includes annual rehabilitation, McVey pump station, and Country Club - 6 corners projects.

### 2018-19 Projected

- Capital Outlay includes annual rehabilitation, McVey pump station, and Country Club - 6 corners projects.

# Street

	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2017-2018 PROPOSED	2018-2019 <i>Projected</i>
<b>Resources</b>					
Beginning Balance	\$ 2,208,220	\$ 6,599,167	\$ 6,071,167	\$ 8,208,651	\$ 4,943,651
Allocation of Planning Reserves	200,000	-	-	-	-
Department Revenues	4,723,827	4,882,524	4,823,000	6,122,000	4,988,000
Transfer from General Fund	1,500,000	2,000,000	5,625,000	4,600,000	2,660,000
Proceeds from Bond Sale	5,119,002	-	-	-	-
<b>Total Resources</b>	<b>\$ 13,751,049</b>	<b>\$ 13,481,691</b>	<b>\$ 16,519,167</b>	<b>\$ 18,930,651</b>	<b>\$ 12,591,651</b>
<b>Requirements</b>					
Personnel Services	\$ 519,964	\$ 527,334	\$ 591,000	\$ 475,000	\$ 492,000
Materials & Services	973,376	971,344	1,178,000	1,292,000	1,332,000
Internal Fees for Services	1,333,988	1,142,878	1,418,000	1,528,000	1,577,000
Transfers	-	-	2,525,000	-	-
Capital Outlay	4,324,554	2,898,484	7,998,000	10,692,000	8,561,000
Contingency	-	-	2,809,167	4,943,651	629,651
Unappropriated End Balance	6,599,167	7,941,651	-	-	-
<b>Total Requirements</b>	<b>\$ 13,751,049</b>	<b>\$ 13,481,691</b>	<b>\$ 16,519,167</b>	<b>\$ 18,930,651</b>	<b>\$ 12,591,651</b>
<b>FTE</b>	5.1	5.0	5.0	4.0	4.0
<b>Key Performance Indicators</b>					
	<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>		
Pavement Condition Index	65	N/A	68		

## Budget Notes

- Department revenue includes the street maintenance fee, motor vehicle fees and gas tax from State Revenue Sharing, investment income, insurance reimbursement, and sundry income.
- Internal Fees for Service covers general administrative services, insurance, engineering services, Public Works support services, electrician services, and maintenance services by Motor Pool.

### 2017-18 Proposed

- Personnel Services reflects the transfer of 1 FTE from the Street Fund to the Wastewater Fund. The Street Fund will use the personnel cost savings to contract out additional services.
- Department revenue includes a portion of the ODOT grant for right-away acquisition for the Boones Ferry Road project.
- Transfers from the General Fund is the allocation of \$2,000,000 of general revenues with an additional one-time transfer of \$1,930,000 for streets pavement preservation; and a Transfer from the Capital Reserve Fund of \$670,000.
- Capital Outlay includes Pavement Projects of \$4,944,000; other infrastructure improvements for \$575,000; and Boones Ferry Road Improvement project for \$5,173,000.

### 2018-19 Projected

- Transfers from the General Fund is the allocation of \$2,000,000 of general revenues with an additional one-time transfer of \$660,000 for streets pavement preservation.
- Capital Outlay includes Pavement Projects of \$7,303,000; other infrastructure improvements for \$1,258,000; and the Boones Ferry Road Improvement project becomes a LORA project.

## Systems Development Charges

	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2017-2018 PROPOSED	2018-2019 <i>Projected</i>
<b>Resources</b>					
<b>Beginning Balance</b>					
Parks & Recreation	\$ 2,112,327	\$ 2,769,573	\$ 4,472,573	\$ 5,059,305	\$ 788,305
Street	1,454,451	1,305,367	1,138,367	1,221,008	1,603,008
Water	1,946,159	2,436,706	65,706	742,748	1,051,748
Sewer	1,453,205	1,690,326	1,908,326	2,272,096	2,396,096
Stormwater	167,481	177,760	184,760	191,956	199,956
<b>Total Beginning Balances</b>	<b>7,133,623</b>	<b>8,379,732</b>	<b>7,769,732</b>	<b>9,487,113</b>	<b>6,039,113</b>
<b>Department Revenues</b>					
Parks & Recreation	657,246	1,849,176	524,000	529,000	545,000
Street	246,285	734,503	191,000	1,610,000	1,615,000
Water	490,547	611,042	305,000	309,000	321,000
Sewer	237,121	353,770	119,000	124,000	131,000
Stormwater	10,279	6,196	8,000	8,000	8,000
<b>Total Department Revenues</b>	<b>1,641,478</b>	<b>3,554,687</b>	<b>1,147,000</b>	<b>2,580,000</b>	<b>2,620,000</b>
<b>Total Resources</b>	<b>\$ 8,775,101</b>	<b>\$ 11,934,419</b>	<b>\$ 8,916,732</b>	<b>\$ 12,067,113</b>	<b>\$ 8,659,113</b>
<b>Requirements</b>					
<b>Materials and Services</b>					
Parks - Prof & Tech Svcs	\$ -	\$ 54,444	\$ -	\$ -	\$ -
Street - Prof & Tech Svcs	-	-	-	-	-
<b>Total Materials and Services</b>	<b>-</b>	<b>54,444</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Capital Outlay</b>					
Parks Projects	-	-	1,385,000	4,800,000	260,000
Street Projects	395,369	855,862	878,000	1,228,000	500,000
Water Projects	-	2,790,000	-	-	-
<b>Total Capital Outlay</b>	<b>395,369</b>	<b>3,645,862</b>	<b>2,263,000</b>	<b>6,028,000</b>	<b>760,000</b>
<b>Contingency</b>					
Parks & Recreation	-	-	3,611,573	788,305	1,073,305
Street	-	-	451,367	1,603,008	2,718,008
Water	-	-	370,706	1,051,748	1,372,748
Sewer	-	-	2,027,326	2,396,096	2,527,096
Stormwater	-	-	192,760	199,956	207,956
<b>Total Contingency</b>	<b>-</b>	<b>-</b>	<b>6,653,732</b>	<b>6,039,113</b>	<b>7,899,113</b>
<b>Unappropriated Ending Balance</b>					
Parks & Recreation	2,769,573	4,564,305	-	-	-
Street	1,305,367	1,184,008	-	-	-
Water	2,436,706	257,748	-	-	-
Sewer	1,690,326	2,044,096	-	-	-
Stormwater	177,760	183,956	-	-	-
<b>Total Unappropriated End Bal</b>	<b>8,379,732</b>	<b>8,234,113</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Requirements</b>	<b>\$ 8,775,101</b>	<b>\$ 11,934,419</b>	<b>\$ 8,916,732</b>	<b>\$ 12,067,113</b>	<b>\$ 8,659,113</b>

### Budget Notes

Beginning Balance for 2017-18 reflects estimated SDCs expected to be received from the Block 137 development.

Department revenue includes SDCs (98%), special assessments, and investment income.

**2017-18 Proposed** - Capital Outlay is for the Woodmont Park development \$3,300,000; Iron Mountain Park development \$1,500,000 (matched by Parks — funded by a grant); Boones Ferry Road \$378,000; and Bike Path/pedestrian capacity expansion \$850,000.

**2018-19 Projected** - Capital Outlay includes Waluga field turf \$260,000; and Bike Path/pedestrian capacity expansion \$500,000.

## Operations Building Capital Projects Fund

	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2017-2018 PROPOSED	2018-2019 <i>Projected</i>
<b>Resources</b>					
Beginning Balance	\$ -	\$ 6,116,683	\$ 7,405,683	\$ 3,921,543	\$ -
Department Revenues	25,683	62,950	15,000	61,000	-
Transfers	6,091,000	2,039,000	4,207,000	895,000	-
<b>Total Resources</b>	<b>\$ 6,116,683</b>	<b>\$ 8,218,633</b>	<b>\$ 11,627,683</b>	<b>\$ 4,877,543</b>	<b>\$ -</b>
<b>Requirements</b>					
Transfers	\$ -	\$ -	\$ -	\$ 543	\$ -
Capital Outlay	-	731,090	11,600,000	4,877,000	-
Contingency	-	-	27,683	-	-
Unappropriated End Bal	6,116,683	7,487,543	-	-	-
<b>Total Requirements</b>	<b>\$ 6,116,683</b>	<b>\$ 8,218,633</b>	<b>\$ 11,627,683</b>	<b>\$ 4,877,543</b>	<b>\$ -</b>

### Budget Notes

- Department revenue includes investment income, Energy Trust of Oregon incentives, and Work Order charges.
- Transfers in for fiscal year 2017-18 are exclusively from the Water Fund.
- The new buildings will be occupied in September 2017 and the project will be fully completed in early November 2017.

# Stormwater

	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2017-2018 PROPOSED	2018-2019 <i>Projected</i>
<b>Resources</b>					
Beginning Balance	\$ 2,274,968	\$ 1,024,262	\$ 216,262	\$ 1,547,834	\$ 1,487,834
Department Revenues	3,180,327	4,460,860	3,046,000	3,312,000	3,422,000
Proceeds Sale of Capital Assets	2,563	-	-	-	-
<b>Total Resources</b>	<b>\$ 5,457,857</b>	<b>\$ 5,485,122</b>	<b>\$ 3,262,262</b>	<b>\$ 4,859,834</b>	<b>\$ 4,909,834</b>
<b>Requirements</b>					
Personnel Services	\$ 322,825	\$ 365,412	\$ 411,000	\$ 413,000	\$ 429,000
Materials & Services	416,253	377,242	513,000	427,000	419,000
Internal Fees for Services	1,111,000	833,916	1,061,000	1,285,000	1,333,000
Debt Service	233,820	232,720	236,000	233,000	234,000
Transfers	-	1,602,000	-	-	-
Capital Outlay	2,349,696	1,410,998	316,000	1,014,000	2,024,000
Contingency	-	-	725,262	1,487,834	470,834
Unappropriated End Balance	1,024,262	662,834	-	-	-
<b>Total Requirements</b>	<b>\$ 5,457,857</b>	<b>\$ 5,485,122</b>	<b>\$ 3,262,262</b>	<b>\$ 4,859,834</b>	<b>\$ 4,909,834</b>
<b>FTE</b>	<b>3.8</b>	<b>3.8</b>	<b>3.9</b>	<b>3.9</b>	<b>3.9</b>

## Budget Notes

- Department revenue includes the stormwater water fee, utility penalties, and investment income.
- Internal Fees for Service covers general administrative services, insurance, engineering services, operations support services, services, electrician services and maintenance services by Motor Pool.

### 2017-18 Proposed

- Materials and Services includes services needed to meet the State of Oregon's MS4 permit requirements and Total Maximum Daily Loads (TMDL) requirements.
- Capital Outlay includes D Avenue, Ash Street, and on Country Club for 6 corners projects.

### 2018-19 Projected

- Capital Outlay includes D Avenue and Country Club for 6 corners projects.

## Lake Oswego-Tigard Water Partnership

	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2017-2018 PROPOSED	2018-2019 <i>Projected</i>
<b>Resources</b>					
Beginning Balance	\$ 53,813,372	\$ 15,612,013	\$ 7,559,013	\$ 1,759,553	\$ -
Department Revenues	60,761,395	26,293,915	13,161,000	2,929,000	-
Transfer from Water Fund	-	5,000,000	617,000	-	-
<b>Total Resources</b>	<b>\$ 114,574,768</b>	<b>\$ 46,905,928</b>	<b>\$ 21,337,013</b>	<b>\$ 4,688,553</b>	<b>\$ -</b>
<b>Requirements</b>					
Personnel Services	\$ 989,179	\$ 665,185	\$ 479,000	\$ 55,000	\$ -
Materials & Services	70,718	262,848	141,000	16,000	-
Internal Fees for Services	390,000	212,670	181,000	-	-
Transfers	-	-	-	17,553	-
Capital Outlay	97,512,858	38,694,672	19,800,000	4,600,000	-
Contingency	-	-	736,013	-	-
Unappropriated End Balance	15,612,013	7,070,553	-	-	-
<b>Total Requirements</b>	<b>\$ 114,574,768</b>	<b>\$ 46,905,928</b>	<b>\$ 21,337,013</b>	<b>\$ 4,688,553</b>	<b>\$ -</b>
<b>FTE</b>	7.0	7.0	3.0	0.3	-

### Budget Notes

#### 2017-18 Proposed

- Personnel Services and Materials & Services decreases reflects reduction in staffing to match anticipated end of the Program.
- Capital outlay reflects the aggregate of all anticipated expenses to close out project.
- Transfer reflects a remaining balance transferred back to the Water Fund upon completion of the project.

## Assessment Project

	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2017-2018 PROPOSED	2018-2019 <i>Projected</i>
<b>Resources</b>					
Beginning Balance	\$ 262,126	\$ 343,186	\$ 423,186	\$ 476,567	\$ 543,567
Department Revenues	81,060	66,381	110,000	67,000	67,000
<b>Total Resources</b>	<b>\$ 343,186</b>	<b>\$ 409,567</b>	<b>\$ 533,186</b>	<b>\$ 543,567</b>	<b>\$ 610,567</b>
<b>Requirements</b>					
Reserve for Future Expenditure	\$ -	\$ -	\$ 533,186	\$ 543,567	\$ 610,567
Unappropriated End Balance	343,186	409,567	-	-	-
<b>Total Requirements</b>	<b>\$ 343,186</b>	<b>\$ 409,567</b>	<b>\$ 533,186</b>	<b>\$ 543,567</b>	<b>\$ 610,567</b>

### Budget Notes

- Revenues are related to the City's financing of sewer hookups.

## Bicycle Path

	2014-2015 ACTUAL	2015-2016 ACTUAL	2016-2017 BUDGET	2017-2018 PROPOSED	2018-2019 <i>Projected</i>
<b>Resources</b>					
Beginning Balance	\$ 62,481	\$ 84,069	\$ 105,069	\$ 127,789	\$ 150,789
Department Revenues	21,589	22,719	21,000	23,000	23,000
<b>Total Resources</b>	<b>\$ 84,069</b>	<b>\$ 106,789</b>	<b>\$ 126,069</b>	<b>\$ 150,789</b>	<b>\$ 173,789</b>
<b>Requirements</b>					
Reserve for Future Expenditure	\$ -	\$ -	\$ 126,069	\$ 150,789	\$ 173,789
Unappropriated End Balance	84,069	106,789	-	-	-
<b>Total Requirements</b>	<b>\$ 84,069</b>	<b>\$ 106,789</b>	<b>\$ 126,069</b>	<b>\$ 150,789</b>	<b>\$ 173,789</b>

### Budget Notes

- Revenue comes from 1% of the City's highway fund state shared revenues.