



*Solid Waste Management  
2015 Financial Report*



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# *Independent Auditor's Report*

## REPORT OF INDEPENDENT AUDITORS

Honorable Mayor and City Council  
City of Tacoma, Environmental Services, Solid Waste Management  
Tacoma, Washington

### **Report on the Financial Statements**

We have audited the accompanying financial statements of City of Tacoma, Environmental Services, Solid Waste Management (the Division), which comprise the statements of net position as of December 31, 2015 and 2014, and the related statements of revenues, expenses, and changes in net position and cash flows for the years then ended, and the related notes to the financial statements.

### ***Management's Responsibility for the Financial Statements***

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

### ***Auditors' Responsibility***

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

## REPORT OF INDEPENDENT AUDITORS (continued)

### **Opinion**

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Division as of December 31, 2015 and 2014, and the results of its operations and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

### **Emphasis of Matter**

#### *Change in Accounting Principle*

As discussed in Note 2 to the financial statements, effective January 1, 2015, the Division adopted requirements of Governmental Accounting Standards Board (GASB) Statement No. 68, *Accounting and Financial Reporting for Pensions—an amendment of GASB Statement No. 27*, and GASB Statement No. 71, *Pension Transition for Contributions Made Subsequent to the Measurement Date—an amendment of GASB Statement No. 68*. The beginning net position has been adjusted for this change. Our opinion is not modified with respect to this matter.

### **Other Matter**

#### *Required Supplementary Information*

Accounting principles generally accepted in the United States of America require that the accompanying management's discussion and analysis on pages 8 through 13, schedule of Division's proportionate share of net pension liability (asset), and schedule of Division's contributions on page 45 be presented to supplement the financial statements. Such information, although not a part of the financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the financial statements, and other knowledge we obtained during our audit of the financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

#### *Other Information*

Our audit was conducted for the purpose of forming an opinion on the financial statements taken as a whole. The supplemental information presented on pages 49 through 50 is not a required part of the financial statements, but is supplemental information presented for the purposes of additional analysis. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. Such information has not been subjected to the auditing procedures applied in the audit of the financial statements, and, accordingly, we express no opinion on it.



Tacoma, Washington  
April 25, 2016

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# *Management's Discussion and Analysis*

**City of Tacoma, Washington**  
**Environmental Services Department**  
**Solid Waste Management**  
**Management's Discussion and Analysis**  
**December 31, 2015 and 2014**

**Introduction**

The following is management's discussion and analysis (MD&A) of the financial activities of the City of Tacoma's Solid Waste Management Division (the Division) for the years ended December 31, 2015 and 2014. The MD&A is designed to focus on significant financial transactions and activities and to identify changes in financial position. This information should be read in conjunction with the financial statements which are prepared on a full accrual basis of accounting.

As further described in Note 2, the Division implemented GASB Statement No. 68, *Accounting and Financial Reporting for Pensions* and GASB Statement No. 71, *Pension Transition for Contributions Made Subsequent to the Measurement Date – an amendment of GASB Statement No. 68*. As a result, the 2015 beginning net position has been adjusted to conform to the new reporting and accounting requirements. The year 2014 has not been restated due to the unavailability of the historic information from the plan.

**Financial Highlights**

- Total net position increased by \$8.1 million to \$27.9 million in 2015 compared to a decrease of \$333,000 to \$19.7 million in 2014 and a decrease of \$3.4 million to \$20.1 million in 2013.
- Operating revenues were \$58.7 million in 2015, \$56.8 million in 2014 and \$56.0 million in 2013.
- Cash and equity in pooled investments was \$49.9 million at December 31, 2015 compared to \$33.6 million in 2014 and \$32.5 million in 2013.

**Financial Analysis – Condensed Statements of Net Position**

	December 31,		
	2015	2014	2013
Current, restricted, and other assets	\$ 57,171,518	\$ 40,740,273	\$ 39,627,660
Capital assets	85,146,303	82,080,043	88,133,756
Deferred outflows	1,400,309	218,093	292,866
Total assets and deferred outflows	<u>\$ 143,718,130</u>	<u>\$ 123,038,409</u>	<u>\$ 128,054,282</u>
Current liabilities and liabilities payable from restricted assets	\$ 9,749,432	\$ 9,985,441	\$ 7,660,075
Noncurrent liabilities	99,531,855	87,315,785	94,323,854
Deferred inflows	6,558,927	6,000,000	6,000,000
Total liabilities and deferred inflows	<u>115,840,214</u>	<u>103,301,226</u>	<u>107,983,929</u>
Net investment in capital assets	29,325,085	27,570,909	28,487,502
Restricted	7,309,857	6,780,399	1,728,015
Unrestricted	<u>(8,757,026)</u>	<u>(14,614,125)</u>	<u>(10,145,164)</u>
Total net position	<u>27,877,916</u>	<u>19,737,183</u>	<u>20,070,353</u>
Total liabilities, deferred inflows of resources and net position	<u>\$ 143,718,130</u>	<u>\$ 123,038,409</u>	<u>\$ 128,054,282</u>

### Current, restricted and other assets

Current, restricted and other assets increased \$16.4 million in 2015 compared to an increase of \$1.1 million in 2014. The increase in 2015 was primarily due to increases of \$15.5 million in construction funds due to the new 2015 Revenue bonds issued in March 2015, and \$2.2 million in bond reserve and debt service accounts, and decreases of \$1.4 million in cash and equity in pooled investments. The increase in 2014 was due to increases of \$5.2 million in bond reserve and debt service accounts decreases of \$4.1 million in cash and equity in pooled investments and a decrease of \$377,000 in net customer account receivable and an increase of \$390,000 in due from other funds.

### Deferred outflows of resources

Deferred outflows of resources include unamortized loss on bond refunding and deferred outflows related to pensions. The deferred outflows increased \$1.2 million due primarily to the implementation of GASB 68.

### Current liabilities and liabilities payable from restricted assets

Total current liabilities and liabilities payable from restricted assets decreased \$236,000 in 2015 and increased \$2.3 million in 2014. Significant changes include:

- Accounts payable increased \$970,000 in 2015 compared to a decrease of \$414,000 in 2014 due to year-end accruals and timing of payments.
- Accrued wages and compensated absences decreased \$476,000 in 2015 due to a reduction of current portion of the liability for compensated absences and the timing of the 2015 payroll accrual.
- Due to other funds decreased by \$521,000 in 2015 as compared to an increase of \$446,000 in 2014 due to timing of cash transfers at year end.
- The current portion of landfill closure liabilities decreased \$302,000 in 2015 as compared to an increase of \$721,000 in 2014. The decrease in 2015 results from the annual reevaluation of the estimated total current cost of closure and postclosure care.
- The current portion of long-term debt represents principal payments due within a year, which has increased by \$225,000 in 2015 and \$1.4 million in 2014 based on debt service schedules. As outstanding principal balances are paid down and bond issues approach expiration, a greater portion of debt service payments are applied toward principal balances.

### Noncurrent liabilities

Noncurrent liabilities consist of revenue bonds payable and related debt accounts, a capital lease obligation, noncurrent accrued landfill closure and post closure costs, noncurrent compensated absences and the Other Post Employment Benefit (OPEB) obligation. Total noncurrent liabilities increased \$12.2 million in 2015 and decreases of \$7.0 million in 2014.

- Long-term debt increased \$18.8 million in 2015 due to 2015 revenue bonds issue, and decreased \$4.9 million in 2014 primarily due to principal payments.
- Noncurrent landfill post closure liabilities decreased \$6.6 million in 2015 and \$692,000 in 2014 for the post closure monitoring of the City's Landfill. The decrease in 2015 is due to the annual reevaluation of the estimated total cost of closure and postclosure care and landfill post closure expenses incurred during the year.
- OPEB liabilities increased \$215,000 in 2015 compared to \$289,000 in 2014 due to the additional accrual recorded at year-end.

### Deferred inflows of resources

Deferred inflow of resources includes the rate stabilization credit and deferred inflows related to pension costs. The implementation of GASB 68 in 2015 resulted in recording a pension related deferred inflow in the amount of \$559,000.

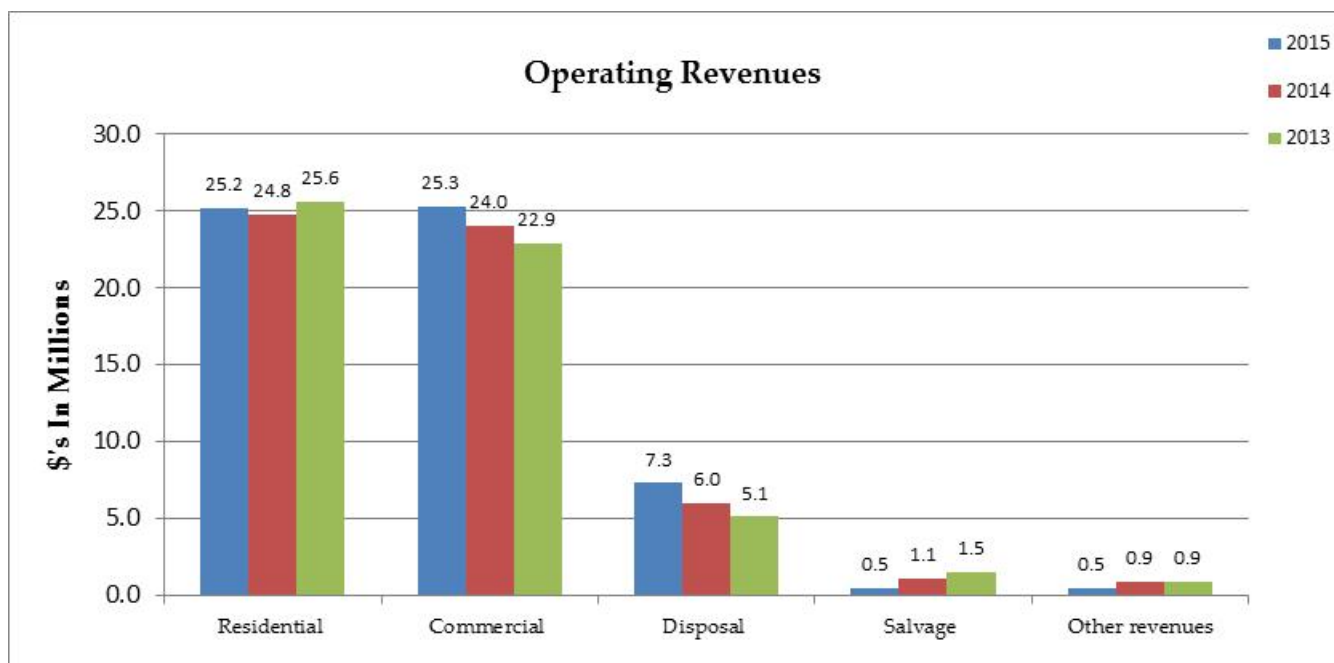
## Financial Analysis - Condensed Statements of Revenues, Expenses and Changes in Net Position

	Year Ended December 31,		
	2015	2014	2013
Operating revenues	\$ 58,737,840	\$ 56,751,038	\$ 56,022,042
Operating expenses	44,284,236	50,353,774	51,675,472
Net operating income	14,453,604	6,397,264	4,346,570
Nonoperating revenues (expenses)	(2,519,605)	(2,185,507)	(3,173,945)
Net Position before transfers	11,933,999	4,211,757	1,172,625
Contributions	-	-	388,505
Transfers	259,587	-	(289,428)
Gross earnings taxes	(4,703,899)	(4,544,927)	(4,636,071)
Change in net position	7,489,687	(333,170)	(3,364,369)
Net position - beginning of year	19,737,183	20,070,353	23,434,722
Accumulated adjustment for change in accounting principle	651,046	-	-
Net position - beginning of year, adjusted	20,388,229	20,070,353	23,434,722
Net position - ending	\$ 27,877,916	\$ 19,737,183	\$ 20,070,353

### Operating revenues

Overall operating revenues increased \$2.0 million (4%) in 2015 compared to an increase of \$729,000 (1%) in 2014 and a decrease of \$785,000 in 2013.

The following graph provides a comparison of operating revenue sources for each of the three years:



There was an average 5% rate increase in 2015 compared to zero rate increase in 2014. Revenues from residential customers increased \$431,000 in 2015 and decreased \$809,000 in 2014. Residential collection revenues were down in 2014 due to customers continuing to downsize their garbage containers during the Every-Other-Week (EOW) collection implementation.

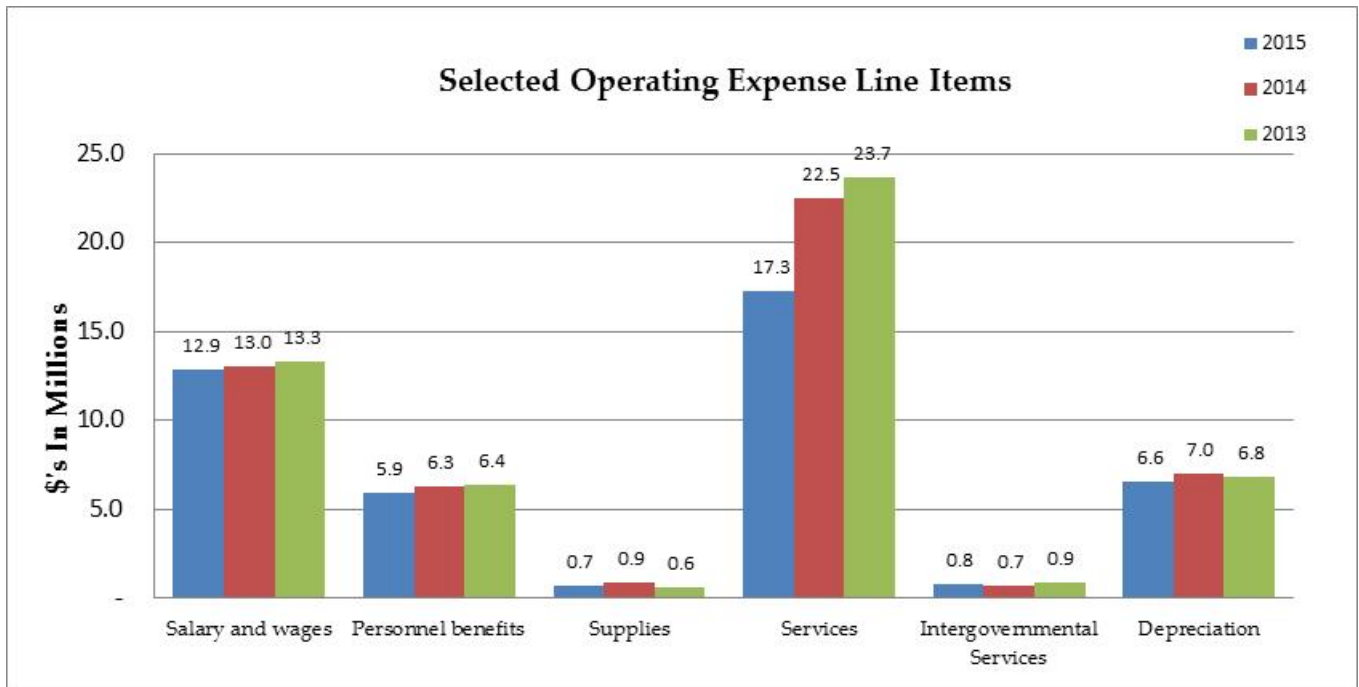
Revenue from commercial customers increased \$1.3 million in 2015 and \$1.1 million in 2014 due to the local business improvements during the year and the 2015 rate increase.

Disposal revenues increased \$1.3 million due to scale house rate increasing from \$10 to \$15 per first 100 pounds and an increase in number of customer self-hauls in 2015, which only increased only \$853,000 in the prior year.

Salvage revenues fluctuated downward due to changes in both the volumes and prices of salvaged materials. These revenues decreased \$591,000 in 2015 and \$249,000 in 2014.

Operating expenses

The following graph provides a three year comparison of operating expenses for the major cost groups. Total operating costs decreased \$6.1 million (12%) in 2015, compared to decreases of \$1.3 million in 2014 and increases of \$1.6 million in 2013.



2015 Activity

Operating expenses were \$44.3 million in 2015, a decrease of \$6.1 million from prior year. Significant changes in operating costs include the following:

- Services expenses decreased \$5.1 million. Significant changes included a decrease of \$5.9 million in the Landfill Post Closure liability due to the annual evaluation forecast for the next 28 years of the liability remaining. Other services increased \$600,000 in external services primary from Land Recovery, Inc. (LRI) contract.
- Depreciation expense decreased \$384,000 due to an adjustment in value for the capital lease building which occurred at year-end 2014.

### 2014 Activity

Operating expenses were \$50.4 million in 2014, a year-over-year decrease of \$1.3 million. Significant changes in operating costs include the following:

- Salary and wages decreased \$300,000 due in part from temporary unfilled positions even though personnel benefits slightly increased.
- Services expenses decreased \$1.2 million. Significant changes included a decrease in external contract services and in costs related to the Every Other Week collection implementation that ended in 2014.

### Nonoperating revenues (expenses)

Interest paid net of capitalized interest on revenue bonds was \$3.8 million, an increase of \$782,000 in 2015 due to the new 2015 revenue bonds. Interest expense on revenue bonds decreased \$180,000 in 2014 compared to 2013.

### Contributions and Transfers

Solid Waste transferred \$4.7 million to general fund for gross earning taxes in 2015 compared to \$4.5 million in 2014.

Solid Waste received \$260,000 from the General Fund to refund assessments related to closed internal service funds, and received a \$335,000 operating grant from the Department of Ecology in 2015.

### **Capital Assets**

At the end of 2015, the Division's total capital assets, net of accumulated depreciation were \$85.1 million compared to \$82.1 million in 2014 and \$88.1 million in 2013. (See Note 3 for detailed activity.)

### 2015 Activity

Balances in 2015 increased \$3.2 million and the significant changes are:

- Landfill infrastructure increased \$1.3 million primarily due to completing the Compressed Natural Gas (CNG) Fuel Station project.
- Machinery and equipment increased a net \$5.2 million. Significant changes include:
  - An increase of \$4.8 million for vehicles (purchases of \$6.6 million less disposals of \$1.9 million)
  - An increase of \$1.0 million for purchased containers, and \$800,000 for machinery and heavy equipment
- Accumulated depreciation balance increased \$3.3 million during the year 2015.
- The construction in progress balance decreased by \$131,000 from the prior year.

### 2014 Activity

Balances in 2014 decreased \$6.1 million. The significant changes are:

- Buildings increased \$1.5 million due to completing the Tacoma Asphalt plant.
- Landfill infrastructure increased \$348,000 due to completing the Landfill paving and the West Truck Parking project.
- Machinery and equipment decreased a net \$100,000. Significant changes include:
  - A decrease \$1.1 million for vehicles (purchases of \$171,000 less disposals of \$1.3 million)
  - An increase \$724,000 for purchased containers, and \$279,000 for heavy equipment
- Accumulated depreciation increased \$7.0 million.
- Construction in progress decreased by an amount of \$752,000.

**Debt Administration**

At December 31, 2015, the Division had \$78.1 million in outstanding revenue bonds of which \$4.8 million is due within one year. This compares to \$59.1 million in 2014 and \$62.2 million in 2013. The bonds have underlying ratings of A1 by Moody's Investors Service, AA by Standard & Poor's, and AA- by Fitch, Inc. (See Note 4).

**Debt Service Coverage**

The bond coverage ratio is 1.94 at the end of 2015. This compares to 2.31 in 2014 and 2.10 in 2013. Bond coverage calculations are based on bond covenants. A bond coverage ratio of 1.25 is required by bond covenants for the Division.

**Summary**

This Management's Discussion and Analysis should be read in conjunction with the accompanying financial statements and notes. This report is prepared by our Accounting Services Team. Moss Adams LLP independently audited the financial statements and notes. Environmental Services and Finance are jointly responsible for the information contained in this report, as well as the financial statements and notes.

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# *Financial Statements*

**City of Tacoma**  
**Environmental Services Department**  
**Solid Waste Management**  
**Statements of Net Position**

<b>ASSETS</b>	<b>December 31,</b>	
	<b>2015</b>	<b>2014</b>
Current assets:		
Cash and cash equivalents	\$ 24,715,893	\$ 26,085,004
Accounts receivable	6,339,230	6,517,732
Allowance for uncollectible accounts	(3,368,937)	(3,411,106)
Unbilled revenue	2,790,000	2,865,000
Due from other funds	138,857	498,161
Grant receivable	131,101	-
Total current assets	30,746,144	32,554,791
Restricted cash and equity in pooled investments:		
Bond reserve and debt service accounts	9,596,204	7,408,390
Customer deposits	94,593	90,036
Construction funds	15,518,076	-
Total restricted cash and equity in pooled investments	25,208,873	7,498,426
Capital assets:		
Land	3,119,782	3,119,782
Buildings	65,420,534	65,424,377
Building - capital lease	6,024,273	6,024,273
Landfill infrastructure	66,449,018	65,174,135
Machinery and equipment	51,538,021	46,342,257
Computer software	4,771,064	4,717,718
Less accumulated depreciation	(112,595,020)	(109,272,223)
Assets in service, net of depreciation	84,727,672	81,530,319
Construction in progress	418,631	549,724
Total capital assets	85,146,303	82,080,043
Building lease deferred	687,056	687,056
Net pension asset	529,445	-
Other noncurrent assets	1,216,501	687,056
Total assets	142,317,821	122,820,316
<b>DEFERRED OUTFLOWS OF RESOURCES</b>		
Unamortized loss on refunding	143,318	218,093
Deferred outflows-pensions	1,256,991	-
Total deferred outflows of resources	1,400,309	218,093
<b>TOTAL ASSETS AND DEFERRED OUTFLOWS OF RESOURCES</b>	<b>\$ 143,718,130</b>	<b>\$ 123,038,409</b>

*The accompanying notes are an integral part of the financial statements.*

**City of Tacoma**  
**Environmental Services Department**  
**Solid Waste Management**  
**Statements of Net Position**

	December 31,	
<b>LIABILITIES</b>	2015	2014
Current liabilities:		
Accounts payable	\$ 2,211,007	\$ 1,240,618
Accrued wages payable and compensated absences	319,948	795,945
Accrued taxes payable	586,573	664,511
Due to other funds	647,441	1,168,351
Unearned revenue	-	146,066
Customer deposits	26,537	20,182
Current portion of landfill closure	605,313	907,000
Current portion of long-term debt	4,427,500	4,202,917
Current portion of capital lease obligation	126,002	121,287
Total current liabilities	8,950,321	9,266,877
Liabilities payable from restricted assets:		
Deposits payable	92,819	90,574
Bond interest payable	303,792	245,907
Current portion of long-term debt	402,500	382,083
Total liabilities payable from restricted assets	799,111	718,564
Noncurrent liabilities:		
Long-term debt - revenue bonds	73,299,556	54,537,968
Capital lease obligation	5,069,986	5,195,988
Accrued landfill post closure costs	18,245,893	24,813,100
Compensated absences	994,360	1,061,484
Net OPEB obligation	1,922,060	1,707,245
Total noncurrent liabilities	99,531,855	87,315,785
Total liabilities	109,281,287	97,301,226
<b>DEFERRED INFLOWS OF RESOURCES</b>		
Rate stabilization	6,000,000	6,000,000
Deferred inflows-pensions	558,927	-
Total deferred inflows of resources	6,558,927	6,000,000
<b>NET POSITION</b>		
Net investment in capital assets	29,325,085	27,570,909
Restricted for:		
Debt service	6,780,412	6,780,399
Net pension asset	529,445	-
Unrestricted	(8,757,026)	(14,614,125)
Total net position	27,877,916	19,737,183
<b>TOTAL LIABILITIES, DEFERRED INFLOWS OF RESOURCES, AND NET POSITION</b>	<b>\$ 143,718,130</b>	<b>\$ 123,038,409</b>

*The accompanying notes are an integral part of the financial statements.*

**City of Tacoma**  
**Environmental Services Department**  
**Solid Waste Management**  
**Statements of Revenues, Expenses, and Changes in Net Position**

	Year Ended December 31,	
	2015	2014
<b>OPERATING REVENUES</b>		
Residential collection	\$ 25,222,634	\$ 24,792,079
Commercial collection	25,307,392	24,026,505
Disposal revenues	7,253,808	6,001,929
Salvage revenue	466,273	1,057,377
Other operating revenue	487,733	873,148
Total operating revenues	<u>58,737,840</u>	<u>56,751,038</u>
<b>OPERATING EXPENSES</b>		
Salary and wages	12,897,270	13,022,719
Personnel benefits	5,925,279	6,285,868
Supplies	685,087	927,553
Services	17,312,098	22,456,360
Intergovernmental services	860,650	673,696
Depreciation	6,603,852	6,987,578
Total operating expenses	<u>44,284,236</u>	<u>50,353,774</u>
Net operating income	14,453,604	6,397,264
<b>NONOPERATING REVENUES (EXPENSES)</b>		
Investment income	295,231	311,292
Rental income	126,526	138,670
Operating grants	334,506	514,116
Disposal of capital assets	171,117	3,420
Interest paid net of capitalized interest	(3,799,035)	(3,017,370)
Interest on capital lease	(283,624)	(371,498)
Amortization of premium and refunding	632,199	232,893
Other expense	3,475	2,970
Total nonoperating revenue (expenses)	<u>(2,519,605)</u>	<u>(2,185,507)</u>
Net income before transfers	11,933,999	4,211,757
Transfers - gross earnings taxes	(4,703,899)	(4,544,927)
Transfers - from(to) other funds	259,587	-
<b>CHANGE IN NET POSITION</b>	7,489,687	(333,170)
<b>NET POSITION, BEGINNING OF YEAR</b>	19,737,183	-
Accumulated adjustment for change in accounting principle	651,046	-
<b>NET POSITION - BEGINNING OF YEAR, ADJUSTED</b>	<u>20,388,229</u>	<u>20,070,353</u>
<b>NET POSITION - ENDING</b>	<u>\$ 27,877,916</u>	<u>\$ 19,737,183</u>

*The accompanying notes are an integral part of the financial statements.*

**City of Tacoma**  
**Environmental Services Department**  
**Solid Waste Management**  
**Statements of Cash Flows**

	Year Ended December 31,	
	2015	2014
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>		
Receipts from customers	\$ 58,949,175	\$ 57,127,635
Receipts from interfund services provided	359,304	(390,817)
Payments to suppliers	(20,015,709)	(17,247,506)
Payments to employees	(19,150,855)	(19,030,310)
Payments for interfund services used	(5,114,821)	(6,048,721)
Payment for taxes	(876,456)	(627,202)
Net cash from operating activities	<u>14,150,638</u>	<u>13,783,079</u>
<b>CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES</b>		
Gross earnings taxes paid	(4,507,124)	(4,539,218)
Debt service related to environmental cleanup	-	(439,890)
Operating grants received	203,405	514,116
Transfer	680	-
Net cash from noncapital financing activities	<u>(4,303,039)</u>	<u>(4,464,992)</u>
<b>CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES</b>		
Acquisition and construction of capital assets	(9,684,995)	(933,866)
Proceeds from the issuance of revenue bonds	24,298,562	-
Principal paid on revenue bonds	(4,585,000)	(3,085,000)
Capital lease obligation	(121,287)	(1,694,227)
Interest expense, net of capitalized interest	(4,024,808)	(2,963,018)
Proceeds from sale of capital assets	186,000	3,420
Net cash from capital and related financing activities	<u>6,068,472</u>	<u>(8,672,691)</u>
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>		
Investment income	295,227	303,816
Rental income	126,526	138,670
Other investment proceeds	3,512	10,512
Net cash from investing activities	<u>425,265</u>	<u>452,998</u>
<b>NET INCREASE IN CASH AND CASH EQUIVALENTS</b>	<u>16,341,336</u>	<u>1,098,394</u>
<b>CASH &amp; CASH EQUIVALENTS, JANUARY 1</b>	<u>33,583,430</u>	<u>32,485,036</u>
<b>CASH &amp; CASH EQUIVALENTS, DECEMBER 31</b>	<u><u>\$ 49,924,766</u></u>	<u><u>\$ 33,583,430</u></u>

*The accompanying notes are an integral part of the financial statements.*

**Environmental Services Department  
Solid Waste Management  
Statements of Cash Flows**

	Year Ended December 31,	
	2015	2014
<b>RECONCILIATION OF CASH &amp; CASH EQUIVALENTS</b>		
<b>TO BALANCE SHEETS:</b>		
Operating funds	\$ 24,715,893	\$ 26,085,004
Restricted funds	25,208,873	7,498,426
	\$ 49,924,766	\$ 33,583,430
<b>RECONCILIATION OF OPERATING INCOME</b>		
<b>TO NET CASH PROVIDED (USED)</b>		
<b>BY OPERATING ACTIVITIES</b>		
Net operating income	\$ 14,453,604	\$ 6,397,264
Adjustments to reconcile operating income to net cash from operating activities:		
Depreciation expense	6,603,852	6,987,578
Change in assets, liabilities, and deferred inflows:		
Accounts receivable, net of allowance	211,334	376,597
Due from other funds	359,304	(390,817)
Other assets	(1,786,436)	-
Deposits payable	8,600	20,968
Accounts payable	954,583	(367,538)
Accrued wages and compensated absences	(328,306)	278,276
Due to other funds	(520,910)	446,125
Unearned revenue	(146,066)	5,758
Other current liabilities	(301,687)	721,000
Post-closure liability	(5,357,234)	(692,132)
Total adjustments	(302,966)	7,385,815
<b>NET CASH PROVIDED (USED) BY</b>		
<b>OPERATING ACTIVITIES</b>	\$ 14,150,638	\$ 13,783,079

*The accompanying notes are an integral part of the financial statements.*

## *Notes to Financial Statements*

**City of Tacoma, Washington**  
**Environmental Services**  
**Solid Waste Management**  
**Notes to Financial Statements**  
**Years Ended December 31, 2015 and 2014**

**NOTE 1 SUMMARY OF OPERATIONS**

**OPERATIONS OF THE SOLID WASTE MANAGEMENT DIVISION** - The Solid Waste Management Division (the Division) is presented as an enterprise fund within the Environmental Services Department under the provisions of the City of Tacoma Charter and is included in the City of Tacoma's (the City) Comprehensive Annual Financial Report (CAFR).

The Division provides mandatory solid waste collection and disposal services for residential and commercial entities located within the City. The population of the City is approximately 200,000 and covers an area of 49 square miles. Disposal methods include recycling, composting, and long-haul to an outside landfill.

The Division receives certain services from other departments and agencies of the City including those normally considered to be general and administrative. The Division is charged for services received from other City departments and agencies and, additionally, must pay gross earnings tax to the City. These transactions are required to be arms-length transactions by law.

**NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

**BASIS OF ACCOUNTING AND PRESENTATION** - The financial statements of the Division are prepared under the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America (GAAP) issued by the Governmental Accounting Standards Board (GASB) applicable to governmental entities that use proprietary fund accounting. Revenues are recognized when earned, and costs and expenses are recognized when incurred.

**CHANGE IN ACCOUNTING PRINCIPLE** – Effective for fiscal year 2015 reporting, the Division implemented new accounting standards issued by the Governmental Accounting Standards Board (GASB). GASB Statement No. 68, *Accounting and Financial Reporting for Pensions* and GASB Statement No. 71, *Pension Transition for Contributions Made Subsequent to the Measurement Date – an amendment of GASB Statement No. 68*. The primary objective of GASB Statement No. 68 is to improve accounting and financial reporting by state and local governments for pensions. GASB Statement No. 68 establishes standards for measuring and recognizing liabilities, deferred outflows of resources, deferred inflows of resources, and expenses. For defined benefit pension, this statement identifies the methods and assumptions that should be used to project benefit payments, discount projected benefit payments to their actuarial present value and attribute that present value to periods of employee service. Prior to implementing GASB Statement No. 68, employers participating in a cost-sharing plan recognized annual pension expense essentially equal to their contractually required contribution to the plan. Upon adoption of GASB Statement No. 68, employers participating in cost-sharing plans recognize their proportionate share of the collective pension amounts for all benefits provided through the plan based on an allocation methodology. GASB Statement No. 71 amends GASB Statement No. 68 regarding the deferred outflows of resources for governments whose current year pension contributions are reported subsequent to the measurement date. The collective financial impact resulting from the implementation of GASB Statements No. 68 and 71 is the adjustment of 2015 beginning net position balances by \$651,000 for the Division's portion of the net pension liability incurred in prior years. See Note 7 for further details.



## **Solid Waste Management Notes to Financial Statements**

**CASH AND EQUITY IN POOLED INVESTMENTS** - The Division's fund cash balances are a "deposit" with the City Treasurer's Tacoma Investment Pool (TIP) for the purpose of maximizing interest earnings through pooled investment activities. Cash and equity in pooled investments in the TIP are reported at fair value and changes in unrealized gains and losses are recorded in the Statements of Revenues, Expenses and Changes in Net Position. Interest earned on such pooled investments is allocated daily to the participating funds based on each fund's daily equity in the TIP.

The TIP operates like a demand deposit account in that all City departments, including the Division, have fund balances which are their equity in the TIP. Accordingly, balances are considered to be cash equivalents.

The City of Tacoma Investment Policy permits legal investments as authorized by state law including Certificates of Deposit with qualified public depositories (as defined in Chapter 39.58 RCW), obligations of the U.S. Treasury, Government Sponsored Agencies and Instrumentalities, bonds issued by Washington State and its Local Governments with an A or better rating, general obligation bonds issued by any State or Local Government with an A or better rating, Bankers' Acceptances, Commercial Paper, Repurchase and Reverse Repurchase agreements, and the Washington State Local Government Investment Pool (LGIP).

Daily liquidity requirement to meet the City's daily obligations is maintained by investing a portion of the TIP in the Washington State LGIP and/or a certificate of deposit maintained with East West Bank.

The Division's equity in that portion of the TIP held in qualified public depositories at December 31, 2015 and 2014 is entirely covered by the Federal Deposit Insurance Corporation (FDIC) and the Washington State Public Deposit Protection Commission (PDPC).

Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. Generally, longer term investments have greater exposure to changes in market interest rates. The City of Tacoma Investment Policy allows for authorized investments up to 60 months to maturity. One method the City uses to manage its exposure to interest rate risk is by timing cash flows from maturities so that portions of the portfolio are maturing over time to provide cash flow and liquidity needed for operations.

Credit risk is generally the risk that an issuer of an investment will not fulfill its obligation to the holder of the investment. This is measured by the assignment of a rating by a nationally recognized statistical rating organization. The minimum legal requirement is AAA for bankers acceptance notes, and fixed rate callable and non-callable agency securities, and A for fixed rate non-callable municipal securities. The Bank Certificates of Deposit (CD) and Demand Deposit Accounts (DDA) are protected by the FDIC insurance up to \$250,000. All CD and DDA deposits not covered by FDIC are covered by the Washington State PDPC. The PDPC is a statutory authority established under the Revised Code of Washington (RCW) 39.58. The State Treasurers LGIP is authorized by RCW 43.250 and operates like a 2A7 fund and is collateralized by short term legal investments. Detailed disclosure information is available in the City of Tacoma's CAFR.

Concentration risk disclosure is required for all investments in a single issuer that is 5% or more of the total of the City's investments. Detailed disclosure information is available in the City of Tacoma's CAFR.

Custodial credit risk is the risk of unauthorized transactions by the custodian of investments. The City policy states that all security transactions will be settled "delivery versus payment" by the City's safekeeping bank.

**ACCOUNTS RECEIVABLE AND UNBILLED REVENUE** - Accounts receivable consist of amounts owed by individuals and organizations for goods delivered or services rendered in the regular course of business operations. Receivables are shown net of allowances for doubtful accounts. The Division accrues an estimated amount for services that have been provided but not billed.

## **Solid Waste Management Notes to Financial Statements**

**ALLOWANCE FOR UNCOLLECTIBLE ACCOUNTS** - A reserve has been established for uncollectible accounts receivable based on historical write-off trends and knowledge of specific circumstances that indicate collection of an account may be unlikely. Generally, accounts receivable are considered past due after 30 days.

**INTERFUND AND INTERGOVERNMENTAL TRANSACTIONS** - Unsettled transactions between entities at year end are recorded as due to or due from either other funds or other governmental units as appropriate.

**RESTRICTED ASSETS** - In accordance with bond resolutions, agreements, and laws, separate restricted funds have been established. These funds consist of cash and investments in pooled investments with restrictions externally imposed and legally enforceable, established by the City Council. Generally, restricted assets include bond construction, reserve and debt service funds, and customer deposits.

**BOND PREMIUM AND LOSS ON REFUNDING** - Bond premiums are amortized over the life of the bonds using the weighted average of the bonds outstanding. Losses on bond refunding are amortized on a straight-line basis over the applicable bond period.

**RATE STABILIZATION FUND** - The Division has established a rate stabilization account to better match revenues and expenses which may reduce volatility in rates. Amounts deposited into the account are excluded from the Statement of Revenues, Expenses and Changes in Net Position in accordance with regulated operations. Revenue will be recognized in subsequent periods when it is withdrawn in accordance with rate decisions.

**CAPITAL ASSETS AND DEPRECIATION** - Capital assets consist of utility plant and are stated at original cost, which includes both direct costs of construction or acquisition and indirect costs. The cost of capital assets contributed is recorded at donated fair value. The cost of maintenance and repairs is charged to expense as incurred while the costs of improvements, additions and major renewals that extend the life of an asset are capitalized.

Assets are capitalized when costs exceed \$5,000 and the useful life exceeds one year.

Depreciation is recorded using the straight-line method based upon estimated useful lives of the assets. The original cost of property together with removal cost, less salvage, is charged to accumulated depreciation at such time as property is retired and removed from service.

The estimated useful lives range as follows:

	<u>Years</u>
Buildings and Improvements	20 - 50
Resource Recovery Facility	5 - 50
Vehicles	5 - 10
Containers and Equipment	5 - 10
Other Assets	3 - 10

**CONSTRUCTION IN PROGRESS** - Capitalizable costs incurred on projects which are not in service or ready for use are held in construction in progress. When the asset is ready for service, related costs are transferred to capital assets. Upon determining that a project will be abandoned, the related costs are charged to expense.

## **Solid Waste Management Notes to Financial Statements**

**ASSET VALUATION** - The Division periodically reviews the carrying amount of its long-lived assets for impairment. An asset is considered impaired when estimated future cash flows are less than the carrying amount of the asset. In the event the carrying amount of such asset is not deemed recoverable, the asset is adjusted to its estimated fair value. Fair value is generally determined based on discounted future cash flows.

**ALLOWANCE FOR FUNDS USED DURING CONSTRUCTION (AFUDC)** - AFUDC represents the cost of borrowed funds used for the construction of utility plant, net of interest earned on unspent construction funds. Capitalized AFUDC is shown as part of the cost of utility plant and as a reduction of interest income and expense.

**CONTRIBUTED CAPITAL** - Capital grants and contributed capital assets are recorded as capital contribution.

**COMPENSATED ABSENCES** - The City has two different policies for compensated absences. The City's original policy allows employees to accrue vacation based on the number of years worked with a maximum accrual equal to the amount earned in a two-year period. These employees also accrue one day of sick leave per month without any ceiling on the maximum accrued. The City implemented a new policy in 1998 allowing employees to earn PTO (personal time off) without distinction between vacation and sick leave. Employees who worked for the City prior to the change could choose to stay with the original policy or opt to convert to the new policy.

The amount of PTO earned is based on years of service. The maximum accrual for PTO is 960 hours, and upon termination, employees are entitled to compensation for unused PTO at 100%. The liability and expense for accumulated unused PTO is adjusted each year based on each employee's current compensation level.

Employees in the original policy accumulate sick leave at the rate of one day per month with no maximum accumulation specified. Employees receive 25% of the value at retirement or 10% upon termination for any other reason. In the event of death, beneficiaries receive 25% of the value. The accrued liability for earned vacation is computed at 100% and earned sick leave is computed at 10%, which is considered the amount vested. The liability and expense for accumulated unused vacation and sick leave is adjusted each year based on each employee's current compensation level.

Liability and expense for compensated absences are recorded including 100% of compensated time earned based on each employee's current compensation level.

**OPERATING REVENUES** - Revenues are derived from providing solid waste services to both residential and commercial customers. Residential rates are based on the size of the garbage container and include services for recycling, yard waste and costs for other special programs. Commercial rates are based on the garbage container type and frequency of collection with additional charges for recycling services. Customers are billed on bi-monthly or monthly billing cycles.

The rate structure is designed to meet the Division's needs and obligations on a cost-of-service basis while adhering to legal requirements. These legal requirements include computing rates on a reasonable basis, charging rates uniformly within classes, and using the revenues for utility and regulatory purposes. In addition, there may be laws imposed by the State, City Charter or to meet grant or bond requirements.

The City has a parity bond ordinance that it will establish, maintain and collect rates or charges in connection with the ownership and operation of the utility to 1) pay the cost of maintenance and operation of the utility, 2) to make all payments required to be made for the parity bonds, 3) to make all payments required to be made on any other junior debt, 4) to pay municipal taxes and payments to the City in lieu of taxes, and 5) to prepay debt, invest in improvement projects to utility assets, make payments to the Solid Waste Rate Stabilization Fund, or other lawful City purposes including payment of legal claims and judgments against the utility.

## **Solid Waste Management Notes to Financial Statements**

**NON-OPERATING REVENUES AND EXPENSES** – The Division reports transactions not directly related to primary services as non-operating revenues and expenses. Significant items include investment and rental income and interest expense.

**TAXES** - The City charges the Division a gross earnings tax at the rate of 8.00%. The Division also pays business and occupation taxes to the State, 1.50% on service revenues and 0.47% on rental revenues. The Division is exempt from payment of federal income tax.

**NET POSITION** - The Statement of Net Position reports all financial and capital resources. The difference between assets, deferred outflows of resources, liabilities, and deferred inflows of resources is net position. There are three components of net position: net investment in capital assets, restricted, and unrestricted.

Net investment in capital assets consists of capital assets, less accumulated depreciation, reduced by the bonds, loans or other borrowings that are attributable to the acquisition, construction, or improvements of those assets.

Net position components are reported as restricted when constraints placed on net position use are either (1) externally imposed by creditors (such as through debt covenants), grantors, contributors, or laws or regulations of other governments or (2) imposed by law through constitutional provisions or enabling legislation.

Unrestricted net position consists of all net position that does not meet the definition of "restricted" or "net investment in capital assets."

**ARBITRAGE REBATE REQUIREMENT** - The Division is subject to the Internal Revenue Code (IRC) related to its tax-exempt revenue bonds. The IRC requires that earnings on gross proceeds of any revenue bonds that are in excess of the amount prescribed will be surrendered to the Internal Revenue Service. As such, the Division would record such a rebate as a liability. The Division had no liability in the current or prior year.

**LANDFILL CLOSURE AND POST-CLOSURE COSTS** - The Division is required to expense a portion of the estimated closure and post-closure costs in each period that the landfill accepts solid waste. The Division has been reporting a portion of these costs as a liability and as an operating expense since 1994. As of December 31, 2015, the landfill is at 100% of capacity, closed, and capped and 28 years remaining for post closure monitoring.

**SHARED SERVICES** - The Division is charged for services received from other departments and agencies of the City, including those normally considered to be general and administrative.

**USE OF ESTIMATES** - The preparation of the financial statements in conformity with GAAP requires management to make estimates and assumptions that affect amounts reported in the financial statements and accompanying notes. The Division used estimates in determining reported unbilled revenues, allowance for doubtful accounts, accrued compensated absences, depreciation, Other Post Employment Benefits (OPEB), self-insurance liabilities, accrued landfill post closure costs, net pension asset and other contingencies. Actual results may differ from these estimates.

**SIGNIFICANT RISKS AND UNCERTAINTIES** - The Division is subject to certain business risks that could have a material impact on future operations and financial performance. These risks include, but are not limited to, weather and natural disaster-related disruptions, collective bargaining labor disputes, Environmental Protection Agency regulations, federal government regulations or orders concerning the operation, maintenance and/or licensing of facilities.

**RECLASSIFICATIONS** - Changes have been made to prior year account classifications as needed to conform to the current year presentation format

**Solid Waste Management**  
**Notes to Financial Statements**

**NOTE 3 CAPITAL ASSETS**

A summary of the balances and changes in capital assets for 2015 and 2014 follows:

	2014	Additions	Retirements	Transfers & Adjustments	2015
Nondepreciable:					
Land	\$ 3,119,782	\$ -	\$ -	\$ -	\$ 3,119,782
Depreciable:					
Buildings	65,424,377	-	(51,156)	47,313	65,420,534
Building - capital lease	6,024,273	-	-	-	6,024,273
Landfill infrastructure	65,174,135	-	-	1,274,883	66,449,018
Machinery and equipment	46,342,257	-	(3,238,655)	8,434,419	51,538,021
Computer software	4,717,718	-	-	53,346	4,771,064
Assets in service	190,802,542	-	(3,289,811)	9,809,961	197,322,692
Accumulated depreciation	(109,272,223)	(6,603,852)	3,274,928	6,127	(112,595,020)
Assets in service net of depreciation	81,530,319	(6,603,852)	(14,883)	9,816,088	84,727,672
Construction in progress	549,724	9,976,493	-	(10,107,586)	418,631
Total capital assets	<u>\$ 82,080,043</u>	<u>\$ 3,372,641</u>	<u>\$ (14,883)</u>	<u>\$ (291,498)</u>	<u>\$ 85,146,303</u>

	2013	Additions	Retirements	Transfers & Adjustments	2014
Nondepreciable:					
Land	\$ 3,119,782	\$ -	\$ -	\$ -	\$ 3,119,782
Depreciable:					
Buildings	63,874,457	-	-	1,549,920	65,424,377
Building - capital lease	7,568,000	-	-	(1,543,727) *	6,024,273
Landfill infrastructure	64,826,573	-	-	347,562	65,174,135
Machinery and equipment	46,442,639	-	(1,301,278)	1,200,896	46,342,257
Computer software	4,586,208	-	-	131,510	4,717,718
Assets in service	190,417,659	-	(1,301,278)	1,686,161	190,802,542
Accumulated depreciation	(103,585,923)	(6,987,578)	1,301,278	-	(109,272,223)
Assets in service net of depreciation	86,831,736	(6,987,578)	-	1,686,161	81,530,319
Construction in progress	1,302,020	2,477,592	-	(3,229,888)	549,724
Total capital assets	<u>\$ 88,133,756</u>	<u>\$ (4,509,986)</u>	<u>\$ -</u>	<u>\$ (1,543,727)</u>	<u>\$ 82,080,043</u>

See Note 5 for additional information.

## NOTE 4 LONG-TERM DEBT

Long-term debt activity for the years ended December 31, 2015 and 2014 follows:

	2014	Additions	Reductions	2015	Due within One Year
Revenue bonds	\$ 58,065,000	\$ 21,095,000	\$ (4,585,000)	\$ 74,575,000	\$ 4,830,000
Plus: Unamortized premium	1,057,968	3,203,562	(706,974)	3,554,556	-
Total long-term debt	<u>\$ 59,122,968</u>	<u>\$ 24,298,562</u>	<u>\$ (5,291,974)</u>	<u>\$ 78,129,556</u>	<u>\$ 4,830,000</u>

	2013	Additions	Reductions	2014	Due within One Year
Revenue bonds	\$ 61,150,000	\$ -	\$ (3,085,000)	\$ 58,065,000	\$ 4,585,000
Plus: Unamortized premium	1,365,635	-	(307,668)	1,057,968	-
Total long-term debt	<u>\$ 62,515,635</u>	<u>\$ -</u>	<u>\$ (3,392,668)</u>	<u>\$ 59,122,968</u>	<u>\$ 4,585,000</u>

## Solid Waste Management Notes to Financial Statements

The Division's long-term debt at December 31, 2015 and 2014 consists of the following payable from revenues of the Division.

	2015	2014
2006 Series A Revenue Bonds, with interest rates ranging from 4.25% to 5.0% Principal payments range between \$495,000 to \$4,290,000 between 2015 and 2026. Original par value value \$29,385,000 with a call date of December 1, 2016. Purpose was to fund a portion of the capital improvement plan and pay the costs of issuance.	\$ 27,960,000	\$ 28,455,000
2006 Series B Revenue Refunding Bonds, with an interest rate of 5.0% due in yearly installments of \$1,685,000 to \$6,480,000 from 2015 through 2021. Original par value \$22,315,000 with a call date of December 1, 2016. Purpose was to refund certain maturities of the outstanding 2001 Bonds and to pay the cost of issuance.	20,290,000	21,975,000
2008 Revenue Refunding Bonds, with an interest rate of 5.75% due in yearly installments of \$2,405,000 to \$2,685,000 from 2015 through 2017. Original par value \$12,055,000. Purpose was to refund a portion of the 1997 Series B Bonds and to pay the costs of issuance.	5,230,000	7,635,000
2015 Revenue Bonds, with an interest rate from 2% to 5% due in yearly installments of \$1,960,000 to \$2,760,000 from 2017 through 2025. Original par value \$21,095,000. Purpose was to fund the capital improvement plan and to pay the costs of issuance.	21,095,000	-
Total revenue bonds outstanding	74,575,000	58,065,000
Less:		
Current portion	(4,427,500)	(4,202,917)
Current portion payable from restricted assets	(402,500)	(382,083)
Plus: Unamortized premium	3,554,556	1,057,968
Total long-term debt - Revenue Bonds	\$ 73,299,556	\$ 54,537,968

Annual debt service requirements to maturity are as follows:

	Principal	Interest	Total Debt
2016	\$ 4,830,000	\$ 3,645,506	\$ 7,535,881
2017	7,050,000	3,388,138	7,537,306
2018	7,625,000	3,018,200	7,539,938
2019	8,010,000	2,636,950	7,743,000
2020	8,440,000	2,236,450	10,676,450
2021-2025	34,330,000	5,957,200	40,287,200
2026	4,290,000	214,500	4,504,500
	\$ 74,575,000	\$21,096,944	\$ 85,824,275

## Solid Waste Management Notes to Financial Statements

Moody's Investors Service, Standard & Poor's and Fitch Ratings have assigned ratings of "A1," "AA" and "AA-", respectively.

Defeased and outstanding bonds constitute a contingent liability of the Division only to the extent that cash and investments presently in the control of the refunding trustees are not sufficient to meet debt service requirements and therefore are excluded from the financial statements because the likelihood of additional funding requirements is considered remote. As of December 31, 2015, no bonds were defeased.

The Division's revenue bonds are secured by net operating income and cash and equity in pooled investments balances in the bond construction, reserve, and debt service funds. The bonds are also subject to certain financial and non-financial covenants. Arbitrage calculations were prepared and no arbitrage was due in 2015 or 2014.

### NOTE 5 CAPITAL LEASE - BUILDING

By Ordinance No. 27783 passed on January 20, 2009, the City approved a property agreement and project lease with TES Properties and issuance by TES Properties of \$37,840,000 aggregate principal amount of its Lease Revenue Bonds, 2009 (Bonds). TES Properties is a single purpose Washington nonprofit corporation and subordinate organization of NDC Housing and Economic Development Corporation. The Environmental Services Department determined the appropriate pro-rata share for the Environmental Services divisions to share in all revenue, costs and cash requirements based on usage of the Urban Waters building to be: Wastewater (40.4%), Surface Water (44.1%) and Solid Waste (15.5%).

The three divisions have included their pro-rata share of the capital lease and lease obligation for the building in their respective financial statements. The building has a useful life of 50 years and the lease agreement is for 29 years which exactly matches the debt service schedule of the Bonds. The land on which the building was constructed has been transferred to TES Properties and reclassified on the divisions' statements of net position in other noncurrent assets. All assets revert to the City at the end of the lease.

The future payments of the lease obligation as of December 31, 2015 total \$60,033,026. The Division's portion of the future lease payments is presented in the following table:

Year	<u>Division</u>
2016	\$ 404,338
2017	404,741
2018	404,927
2019	404,555
2020	404,373
2021-2025	2,022,406
2026-2030	2,023,476
2031-2035	2,022,508
2036-2038	<u>1,203,206</u>
	9,294,530
Interest	<u>4,098,542</u>
Principal	<u>\$ 5,195,988</u>



## **Solid Waste Management Notes to Financial Statements**

The sub-lease agreements for the space in the Urban Waters building include agreements with two tenants: the University of Washington Tacoma (UWT) and the Puget Sound Partnership (PSP). Both are for ten year periods effective in 2010 with the possibility of five year extensions. The revenues are shared across the utilities on the same prorate basis as the building lease. The UWT agreement provides revenue of \$293,640 per year, adjusted annually for inflation, and the PSP agreement provides a total of \$1,615,000 in revenue spread over the ten year lease period.

### **NOTE 6 INSURANCE**

The major risks to the Division are flooding, recontamination, wind damage, chemical spills, and earthquakes. Mitigating controls and emergency and business resumption plans are in place. To the extent damage or claims exceed insured values, rates may be impacted.

The City of Tacoma has established a Self-insurance Fund (the Fund) to insure the Division and other divisions within the City for certain losses arising from personal and property damage claims by third parties. The Division participates in the City's self-insurance program for claims that arise during the normal course of business. Environmental and tax claims generally are paid for out of revenue of the Division and not from the Fund. The Division is required to make payments to the Fund to cover claims incurred by the Division and administrative expenses of the Fund. The Division's premium payments totaled \$201,815 for 2015 and \$346,748 for 2014. The Division only recognizes expense for premium payments because the risk of loss transfers to the Fund.

The City maintains an excess general liability policy with limits of \$15 million, subject to a self-insured retention of \$3 million and a \$30 million dollar aggregate. The City has an excess policy to cover extraordinary workers' compensation claims with Statutory Limits and with a \$1 million self-insured retention plus a \$250,000 of total loss each 12 month policy period. The City has a property insurance policy with a limit of \$500 million replacement cost (\$50,000 deductible per occurrence). The City carries property coverage with a maximum single occurrence limit of \$500,000,000 with a sublimit of \$150,000 deductible per occurrence, with exceptions. This policy renews July 1st of each year. The Division's cost for these policies is \$14,285 in 2015 and \$14,419 in 2014.

### **NOTE 7 TACOMA EMPLOYEES' RETIREMENT SYSTEM (TERS OR THE SYSTEM)**

The Tacoma Employees' Retirement System (TERS), a pension trust fund of the City of Tacoma, issues a publicly available comprehensive annual financial report (CAFR) that includes financial statements and required supplementary information may be obtained by writing to:

Tacoma Employee's Retirement System  
3628 South 35<sup>th</sup> Street  
Tacoma, WA 98409

Or the TERS CAFR may be downloaded from the TERS website at [www.cityoftacoma.org/retirement](http://www.cityoftacoma.org/retirement).

## Solid Waste Management Notes to Financial Statements

**ADMINISTRATION OF THE SYSTEM** - The Tacoma Employees' Retirement System is a cost-sharing, multiple-employer, defined benefit retirement plan covering substantially all employees of the City of Tacoma, with the exception of police officers, firefighters, and Tacoma Rail employees who are covered by state and federal retirement plans. Employees of the Tacoma-Pierce County Health Department, as well as, certain employees of the Pierce Transit and South Sound 911 (formerly known as Law Enforcement Support Agency) who established membership in the System when these agencies were still City of Tacoma departments, are also members. The Board of Administration of the Tacoma Employees' Retirement System administers the plan and derives its authority in accordance with Chapter 41.28 Revised Code of Washington and Chapter 1.30 of the Tacoma City Code.

At the direction of the City Council, the System is administered by the Board of Administration (the Board) consisting of nine regular members and one alternate member. The members of the Board are: the Mayor, who serves as Chair; the Director of Finance; the City Manager (or designee); the Public Utilities Director (or designee); three elected employee representatives; one elected retired representative; and one City resident (not employed by the City) elected by the other eight members. The nine Board members appoint a TERS member, either active or retired, as an alternate Board member. The Board is required by the Tacoma Municipal Code to make annual reports to the City Council on the financial condition of the Retirement System. The Board, subject to City Council approval, appoints the Director who is responsible for managing the daily operations of the System.

**MEMBERSHIP** - Substantially all employees of the City of Tacoma are members of the System, with the exception of police officers, firefighter, and Tacoma Rail employees, who are covered by state or federal retirement plans. Other members include employees of the Tacoma-Pierce County Health Department, and certain employees of the Pierce Transit and South Sound 911 who established membership in the System when these agencies were still City of Tacoma departments. The breakdown of membership as of January 1, 2015 is as follows:

Retirees and beneficiaries currently receiving benefits	2,167
Terminated vested and other terminated participants	627
Active members:	
City of Tacoma	2,622
South Sound 911	4
Pierce Transit	6
Tacoma-Pierce County Health Department	252
Total active members	2,884
Total membership	5,678

**BENEFITS** - There are two formulas to calculate the retirement benefits. The benefit paid will be issued on the formula which provides the higher benefit. The most commonly applied formula, "service retirement", is a product of the member's average monthly salary for the highest, consecutive 24-month period, the number of years of membership credit, and a percentage factor (2% maximum) that is based on the member's age and years of service. The other formula is an annuity based on member contributions. There are several options available for the retiree to provide for their beneficiaries. The System also provides death, disability and deferred retirement. Additionally, the System provides cost of living adjustment (COLA) increases up to 2.125% as of July 1<sup>st</sup> of each year; the actual COLA granted is dependent on the Consumer Price Index (Seattle Area – all items) over the preceding calendar year.

Any active member who has not retired, and has five or more years of service as a member may purchase up to five additional years of service at the time of retirement. Total service including service purchased cannot exceed 30 years.

## Solid Waste Management Notes to Financial Statements

The System participates in the portability of public retirement benefits in Washington State public retirement. As provided under Chapter 4154 of the RCW, this allows a member to use all years of service with qualified Washington systems to determine retirement eligibility and percentage factor for benefits under the System.

**CONTRIBUTIONS** - The participating employers are responsible for funding the System at a level sufficient to pay obligations and ensure the actuarial and financial soundness of the System. Contribution rates for the employer and the employee are recommended by the Board of Administration and final approval rests with the Tacoma City Council. Currently, the required contribution rate for employees is 9.20% of their regular gross pay; the employer contributes 10.80%, for a combined total of 20.00% which is sufficient to amortize the UAAL of the System if future experience follows all actuarial assumptions. Changes to the contribution rate are subject to Sections 1.30.340 and 1.30.360 of the Tacoma Municipal Code.

**SIGNIFICANT ASSUMPTIONS** - The following actuarial methods were used in the funding valuation.

Measurement Date	December 31, 2014
Valuation Date	January 1, 2015
Actuarial Cost Method	Entry Age Normal
Amortization Method	Funding is based on statutory contributions rate.  This amount is compared to a 30-year amortization for the purposes of calculating the Actuarially Determined Contribution.  The amortization method for the ADC is as follows: <ul style="list-style-type: none"> <li>· Level percent</li> <li>· Open periods</li> <li>· 30 year amortization period at 01/01/2015</li> <li>· 4% amortization growth rate</li> </ul>
Asset Valuation Method	4 year smoothing period; Corridor - None
Inflation	3%
Salary Increases	4% general wage increase assumption
Investment Rate of Return	7.25%
Cost of Living Adjustment	2.13%
Retirement Age	Varies by age, gender, eligibility
Turnover	Varies by age, gender, eligibility
Mortality	RP-2000 mortality for healthy and disabled annuitants, with age adjustments

**BENEFIT AND ASSUMPTION CHANGES** - The comparability of the data from year to year can be affected by changes in actuarial assumptions, benefit provisions, accounting policies, and other factors. Between January 1, 2014 and January 1, 2015 no assumptions were changed.

## Solid Waste Management Notes to Financial Statements

**TARGET ALLOCATION** - The long-term expected rate of return is determined by adding expected inflation to expected long-term real returns and reflecting volatility and correlation. The capital market assumptions are per Milliman's (the System's actuary) investment consulting practice as of June 30, 2014. The target asset allocation is based on TERS Investment Policy Statement dated February 2014.

Asset Class	Target Allocation	Long-term Expected Arithmetic Real Rate of Return
Investment grade fixed income	15.0%	2.03%
US inflation-indexed bonds	5.0	1.41
High yield bonds	9.0	4.49
Emerging market debt	5.0	5.05
Global equity	41.5	6.02
Public real estate	2.0	6.38
Private real estate	2.5	3.72
Private equity	10.0	9.02
Master limited partnerships	4.0	4.46
Timber	2.0	3.84
Infrastructure	2.0	5.88
Agriculture	2.0	4.38
Assumed inflation - mean		3.00
Assumed inflation - standard deviation		1.85
Portfolio arithmetic real mean return		5.11
Portfolio median nominal geometric return		7.21
Portfolio standard deviation		12.02
Long-term expected rate of return, net of investment expenses		7.25

**SENSITIVITY ANALYSIS** - The following presents the Division's proportionate share of the net pension asset of the System, calculated using the discount rate of 7.25%, as well as what the Division's net pension asset would be if it were calculated using a discount rate that is 1 percentage point lower (6.25%) or 1 percentage point higher (8.25%) than the current rate.

	1% Decrease 6.25%	Current Discount Rate 7.25%	1% Increase 8.25%
Net pension liability (asset)	\$ 9,109,250	\$ (529,445)	\$ (8,641,906)

Detailed information about the pension plan's fiduciary net position is available in the separately issued TERS CAFR.

## Solid Waste Management Notes to Financial Statements

As of December 31, 2015, the deferred inflows and outflows of resources are as follows:

	Deferred Inflows of Resources	Deferred Outflows of Resources
Differences between actual and expected experience	(733,773)	-
Changes in proportionate share	-	3,357
Net differences between projected and actual earnings	174,846	-
Contributions made subsequent to the measurement date	-	1,253,634
Total	\$ (558,927)	\$ 1,256,991

The net amount of deferred inflows and outflows, other than contributions made subsequent to the measurement date, will be recognized as pension expense in each of the next four years. Contributions made subsequent to the measurement date will offset net pension asset in the following year.

Amounts will be recognized in pension expense as follows:

Year ended December 31	
2016	(175,046)
2017	(175,046)
2018	(175,046)
2019	(29,172)
Thereafter	-

The Division's proportionate share of the collective net pension liability is 5.5%. Each employer in TERS contributes at the same rate of payroll. The proportionate share is based on actual contributions for the year, which provides a reasonable basis for each employer's projected long-term contribution effort.

### NOTE 8 OTHER POST EMPLOYMENT BENEFITS

**PLAN DESCRIPTION** - The City charges some early retirees not yet eligible for Medicare a health premium based on the claims experience of active employees and retirees rather than based on the claims experience of retirees only. This difference is a benefit to the retirees, since health claims costs generally increase with age. GAAP requires that the portion of age-adjusted expected retiree health claims costs that exceed the premium charged to retirees be recognized as a liability for accounting purposes. The actuarial methods and assumptions used include techniques that are designed to reduce short-term volatility in actuarial accrued liabilities and are subject to continual revision as results are compared to past expectation and new estimates are made about the future.

**FUNDING POLICY** - The City uses pay as you go funding; contributions to a separate trust are not required.

**ANNUAL OPEB COST AND NET OPEB OBLIGATION** - The Present Value of Benefits (PVB) is the present value of projected benefits discounted at the valuation interest rate (3.75%).

## **Solid Waste Management Notes to Financial Statements**

The Actuarial Accrued Liability (AAL) is the portion of the present value of benefits attributed to past service only. The portion attributed to future employee service is excluded.

The Actuarial Accrued Liability (AAL) is the portion of the present value of benefits attributed to past service only. The portion attributed to future employee service is excluded. For inactive employees, the AAL is equal to the present value of benefits. For active employees, the actuarial present value of the projected benefits of each individual is allocated as a level percentage of expected salary for each year of employment between entry age (defined as age at hire) and assumed exit (until maximum retirement age). The portion attributed to service between entry age and the valuation date is the actuarial accrued liability.

The Normal Cost is that portion of the City provided benefit attributable to employee service in the current year.

The Annual Required Contribution (ARC) is the amount the City is required to report as an expense for the 2014 year under GASB 45. The ARC is equal to the Normal Cost plus an amount to amortize the Unfunded Actuarial Accrued Liability (UAAL) on a closed basis of 30 years, beginning January 1, 2007. The amortization period for 2015 is 22 years.

The ARC represents an accounting expense, but the City is not required to contribute the ARC to a separate trust. If the City does not set aside funds equal to the ARC (less current year benefit payments) each year, then the ARC (less benefit payments) will accumulate as a non-current liability (Net OPEB Obligation) on the balance sheet. The City has a Net OPEB Obligation as of December 31, 2015 as the City has not set aside funds for OPEB.

**EXCISE TAX FOR HIGH COST OR “CADILLAC” HEALTH PLANS IN 2018 AND BEYOND** –An excise tax for high cost health coverage, or “Cadillac” health plans was included in the Patient Protection and Affordable Care Act (ACA) passed into law in March 2010. The provision levies a 40% tax on the value of health plan costs that exceed certain thresholds for single coverage or family coverage. The 2018 annual thresholds are \$10,200 for single coverage and \$27,500 for a family plan. If, between 2010 and 2018, the cost of health care insurance rises more than 55%, the threshold for the excise tax will be adjusted

The City believes that the current provisions of ACA should be reflected in the projection of benefits and therefore, the value of the excise tax is included in the valuation. It is assumed that there will be no changes to the current law and that there will be no changes in plan design to help mitigate the impact of the tax.

GASB Statement No. 45 indicates that the projection of benefits should include all benefits to be provided to retirees in accordance with the current “substantive” plan. The substantive plan refers to the plan terms as understood by the employer and plan members at the time of the valuation. For this reason, the City believes that the current provisions of Patient Protection and Affordable Care Act (PPACA) should be reflected in the projection of benefits and therefore, the value of the excise tax is included in this valuation. It is assumed that there will be no changes to the current law and that there will be no changes in plan design to help mitigate the impact of the tax.

GASB released two new statements for Post Employment Benefits Other than Pension Plans, or OPEB. The new GASB Statements 74 and 75 were released in June 2015 and will replace GASB 43 and 45. The statements are available via the GASB website. GASB 74 is effective for fiscal years beginning after June 15, 2016, and GASB 75 is effective for fiscal years beginning June 15, 2017. These statements will mean fundamental changes in financial reporting for OPEB.

**SUMMARY OF CHANGES** – As of the January 1, 2015 valuation, the total AAL of \$208,814,312 was 20% lower than expected. The City experienced a liability gain since the last valuation caused by numerous factors, including a clarification in spouse benefits, which cease once a member attains age 65. It was also caused by smaller than expected changes in medical costs, demographic experience, and a change to the assumption for future medical trends

## Solid Waste Management Notes to Financial Statements

The following table is a summary of valuation results with a comparison to the results from the last valuation.

	<u>January 1, 2013</u>	<u>January 1, 2015</u>
Total Membership:		
Active employees	3,335	3,404
Terminated vested employees	394	442
Retired employees and Dependents	846	744
Total	<u>4,575</u>	<u>4,590</u>
Annual City Benefit Payments	\$ 9,887,335	\$ 8,963,089
Discount rate	3.75%	3.75%
Present Value of Benefits	\$ 326,742,538	\$ 262,184,195
Actuarial Accrued Liability	\$ 251,839,846	\$ 208,814,312
Assets	-	-
Unfunded Actuarial Accrued Liability	<u>\$ 251,839,846</u>	<u>\$ 208,814,312</u>
Normal Cost (End of year)	\$ 5,484,587	\$ 3,832,131
Annual Required Contribution	\$ 20,058,760	\$ 16,966,964

The following table shows the total value of the benefits provided, the member paid premiums and the City paid benefits as of January 1, 2015.

<u>Value of Subsidy at 3.75% Interest Rate</u>	<u>Total Value of Benefits</u>	<u>Member Paid Premiums</u>	<u>City Paid Benefits</u>
Present Value of Benefits	\$ 420,832,932	\$ 158,648,737	\$ 262,184,195
Actuarial Accrued Liability	\$ 291,228,295	\$ 82,413,983	\$ 208,814,312
Normal Cost	\$ 9,501,758	\$ 5,669,627	\$ 3,832,131
Annual Benefit Payments	\$ 12,325,369	\$ 3,362,280	\$ 8,963,089

## Solid Waste Management Notes to Financial Statements

The following table shows the calculation of the Annual Required Contribution and Net OPEB Obligation for the City and for the Division as of January 1, 2015.

Determination of Annual Required Contribution	City	Division
Normal Cost at Year-end	\$ 3,832,131	\$ 178,359
Amortization of UAAL	13,134,833	64,200
Annual Required Contribution (ARC)	<u>\$ 16,966,964</u>	<u>\$ 242,559</u>
 Determination of Net OPEB Obligation		
Annual Required Contribution (ARC)	\$ 16,966,964	\$ 242,559
Interest on prior year Net OPEB Obligation	2,480,183	64,022
Adjustments to ARC	(3,492,760)	(75,657)
Annual OPEB Cost	15,954,387	230,924
Actual benefits paid	8,963,091	16,109
Increase in Net OPEB Obligation	6,991,296	214,815
Net OPEB Obligation - beginning of year	<u>\$ 66,138,206</u>	<u>\$ 1,707,245</u>
Net OPEB Obligation - end of year	<u>\$ 73,129,502</u>	<u>\$ 1,922,060</u>

**FUNDED STATUS AND FUNDING PROGRESS** - The following table shows the annual OPEB cost and net OPEB obligation for three years. This table is based upon a 3.75% interest rate.

Year Ended	Annual OPEB Cost		Benefits Paid		Net OPEB Obligation	
	City	Division	City	Division	City	Division
12/31/2013	\$ 19,528,767	\$ 362,340	\$ 9,887,334	\$ 44,615	\$ 56,110,801	\$ 1,418,399
12/31/2014	\$ 19,319,944	\$ 358,807	\$ 9,292,539	\$ 69,961	\$ 66,138,206	\$ 1,707,245
12/31/2015	\$ 15,954,387	\$ 230,924	\$ 8,963,091	\$ 16,109	\$ 73,129,502	\$ 1,922,060

As of January 1, 2015, the most recent actuarial valuation date, the Plan was zero percent funded. Based upon a 3.75% interest rate, the actuarial accrued liability for benefits was \$208,814,312, and the actuarial value of assets was zero, resulting in an unfunded accrued liability of \$208,814,312.

The Division has included the liability in the other long term liabilities on the Statement of Net Position.

**ACTUARIAL METHODS AND ASSUMPTIONS** - The actuarial cost method used for determining the benefit obligations is the Entry Age Normal Cost Method. Under the principles of this method, the actuarial present value of the projected benefits of each individual included in the valuation is allocated as a level percentage of expected salary for each year of employment between entry age (defined as age at hire) and assumed exit (until maximum retirement age).

The portion of the actuarial present value allocated to a valuation year is called the normal cost. The portion of this actuarial present value not provided for at a valuation date by the sum of (a) the actuarial value of the assets, and (b) the actuarial present value of future normal costs is called the UAAL. In determining the ARC, the UAAL is amortized as a level percentage of expected payrolls for non-LEOFF 1 groups. For LEOFF 1, the UAAL is amortized as a level dollar amount. The amortization period was 30 years in 2007 and is now 22 years.



## Solid Waste Management Notes to Financial Statements

### Actuarial Methods and Significant Actuarial Assumptions:

Valuation Date .....	January 1, 2015
Census Date .....	January 1, 2015
Actuarial Cost Method: .....	Entry Age
Amortization Method: .....	Combination of level percentage and level dollar amount, see note above.
Remaining Amortization Period: .....	22 years, closed
Demographic Assumptions: .....	Demographic assumptions regarding retirement, disability, and turnover are based upon pension valuations for the various pension plans.

### Actuarial Assumptions:

Discount Rate .....	3.75% for pay-as-you-go funding	
Medical Cost Trend .....	2015	6.9%
	2016	6.6%
	2017	5.9%
	2020	5.5%
	2030	5.9%
	2040	5.7%

The medical cost rate is assumed to continue grading downward until achieving the ultimate rate of 4.8% in 2083 and beyond. The first year trend reflects assumed increases based on ACA fees. These trend rates assume that, over time, deductibles and out-of-pocket maximums will be periodically increased as medical trends increase. The trends above do not reflect increases in costs due to the excise tax.

### Economic Assumptions – Discount

Rate (Liabilities) .....	3.75%
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### Demographic Assumptions .....

**Eligibility:**  
Disability – Five years of service are required for non-service connected disability.

Retirement – TERS members are eligible for retiree medical benefits after becoming eligible for service retirement pension benefits (either reduced or full pension benefits):

- Age 55 with 10 years of service
- Age 40 with 20 years of service

## **Solid Waste Management Notes to Financial Statements**

### **NOTE 9 LANDFILL POST CLOSURE LIABILITIES**

The Division operates a 235 acre landfill site, which became part of the South Tacoma Channel Superfund Site in 1983. In 1991, the City entered a Consent Decree settlement with the United States Environmental Protection Agency (EPA) and the Washington State Department of Ecology (DOE), titled United States et al v. City of Tacoma US District Court Case No. C-89C583T, to “clean-up” the release of hazardous substances at the Landfill. The City completed the majority of the remediation work required by the Consent Decree several years ago. The remaining work mostly involves monitoring the remediation work completed by the City in the 1990s to assure that it continues to protect human health and the environment. The Consent Decree settlement was entered pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), 42 U.S.C. §9601 et seq., and the state Model Toxics Control Act (MTCA), Chapter 70.105D RCW.

The City’s remediation work has included: (1) covering the landfill with a double flexible membrane cap that is impermeable to water; (2) capturing methane gas within and at the landfill perimeter to prevent off-site migration; (3) pumping and treating ground water to remove contamination at the point of compliance and beyond property boundaries; and (4) closing the landfill in accordance with the above-referenced Consent Decree. The City has an obligation under the Consent Decree to monitor the remediation work over the next 20 years, or more years to make sure it continues to be effective at protecting human health and the environment.

The costs for ongoing maintenance of the Tacoma Landfill are not expected to require rate increases above those already projected. The City will be responsible for the costs of additional work if migration of pollutants from the site is not completely controlled by current remedial actions. The City’s on-going monitoring efforts indicate the remedial actions undertaken by the City at the Tacoma Landfill are performing as designed.

In 2014, following closure of the portions of the Tacoma Landfill as required by the Consent Decree, the remaining recovery and transfer facilities continued to be permitted by the Tacoma Pierce County Health Department (TPCHD) through the same permitting process. All closed portions of the Landfill will also be covered by a TPCHD closure permit, which may be incorporated into the overall facility permit. The closure permit will mirror the requirements implemented as a result of the Landfill remedial action.

Long term plans for the closed capped areas of the Tacoma Landfill include recreational facilities, such as trails and playfields, as well as other governmental facilities, such as greenhouses for grounds maintenance operations. All development on the Tacoma Landfill site must be designed to accommodate differential settlement and allow for continued functioning of the environmental remediation systems.

The City reported \$18,851,000 as landfill post-closure liability as of December 31, 2015 based on 100% use of the total capacity of the Tacoma Landfill. This compares to \$25,720,000 at December 31, 2014 based on 100% of capacity. Actual costs may be higher or lower due to inflation, changes in technology, or changes in regulations. The City will be responsible for the costs of additional work if migration of pollutants from the site is not completely controlled by current remedial actions. To meet the previous requirements of State and Federal laws and regulations, contributions were made to a reserve for financing closure costs.

## **Solid Waste Management Notes to Financial Statements**

### **NOTE 10 COMMITMENTS AND CONTINGENCIES**

**Long-term Contract - Land Recovery, Inc.** - In February 2000, the Division entered into a 20-year contract with Land Recovery, Inc. (LRI) to dispose of all “acceptable waste” collected or handled by the Division (as that term is defined in the agreement), at the 304th Street landfill operated by LRI. The Division entered into this agreement to extend the life of the Tacoma Landfill and to secure a long-term disposal arrangement at a favorable disposal cost. The agreement excludes solid waste that LRI is not authorized by law or permit to receive, or which could create or expose LRI or the Division to potential liability, among other things. Recycling and/or composting waste is not covered by the agreement. The agreement further provides that LRI shall charge a base rate per ton for disposal services, and that said rate shall decrease as the tonnage increases during each contract year. The agreement also provides that the base rate charged by LRI shall increase annually based on the Seattle-Tacoma CPI. The rate per ton is periodically increased by LRI to cover certain increased costs, including the increased cost of landfill closure liabilities. These rate adjustments are part of the existing agreement.

**Long-term Contract - Pierce County Recycling, Composting and Disposal** - In October 2004 the Division entered into a ten (10) year agreement with Pierce County Recycling Composting and Disposal (PCRCD) LLC to accept organic material collected by the City curbside or delivered to the City's landfill for processing into compost. Under the agreement, which has two 5-year renewal options, PCRCD will charge a base rate per ton for the organic waste it receives from the City. This price may be adjusted beginning on the second anniversary of the agreement, and thereafter annually based on the Seattle-Tacoma-Bremerton CPI. The agreement also includes a revenue sharing component. The Division entered into this agreement to extend the life of the Tacoma landfill and secure a long-term composting arrangement at a favorable cost.

### **NOTE 11 LITIGATION AND CLAIMS**

Because of the nature of its activities, the Division is subject to various pending and threatened legal actions, which arise in the ordinary course of business. The Division believes, based on the information presently known, the ultimate liability for any legal actions, individually or in the aggregate, taking into account established accruals for estimated liabilities, will not be material to the financial position of the Division, but could be material to results of operations or cash flows for a particular annual period. No assurance can be given, however, as to the ultimate outcome with respect to any particular claim.

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*Required Supplementary Information*

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**Solid Waste Management  
Required Supplementary Information**

Schedule of the Division's Proportionate Share of the Net Pension Liability  
Last 10 Fiscal Years\*

	Fiscal Year Ended December 31,	
	2015	2014-2006
Division's proportion of the net pension liability (asset)	5.50%	N/A
Division's proportionate share of the net pension liability (asset)	\$ (529,445)	N/A
Division's covered-employee payroll	\$ 12,948,158	N/A
Division's proportionate share of the net pension liability (asset) as a percentage of its covered-employee payroll	-4.09%	N/A
Plan fiduciary net position as a percentage of the total pension liability	100.71%	N/A

\* The amounts presented for each fiscal year were determined as of the calendar year-end that occurred within the fiscal year

Schedule of Division Contributions  
Last 10 Fiscal Years

	Fiscal Year Ended December 31,	
	2015	2014-2006
Contractually required contribution	\$ 1,253,635	N/A
Contributions in relation to the contractually required contribution	(1,253,635)	N/A
Contribution deficiency (excess)	\$ -	N/A
Division's covered-employee payroll	\$ 12,948,158	N/A
Contribution as a percentage of covered-employee payroll	9.68%	N/A

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*Unaudited Supplemental Information*

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## Solid Waste Management Unaudited Supplemental Information

City of Tacoma, Washington Solid Waste Utility Revenue Refunding Bonds, 2006 Series B  
City of Tacoma, Washington Solid Waste Utility Revenue Bonds, Series 2006A  
City of Tacoma, Washington Solid Waste Utility Revenue Refunding Bonds, 2008

*The following continuing disclosure information for 2014 is provided in accordance with SEC Rule 15c2-12(b)(5)*

### Solid Waste Management Audited Financial Statements

Reference Financial Statements Section

### Outstanding Solid Waste Bonds

Reference Note 4 in the Notes to Financial Statements

### Debt Service Coverage

	<u>2014</u>	<u>2015</u>
Parity Bond Debt Service Coverage Ratio		
After Rate Stabilization Transfer	2.31	1.94

### Number of Customers by Type of Service

The System's number of customers by type of service is shown below:

<u>Customer Class</u>	<u>2014</u>	<u>2015</u>
Residential	54,462	54,767
Commercial	4,846	5,495
Total Customers	59,308	60,262

### Top Ten Customers

The System's ten largest customers for 2015 are shown in the following table.

Customer Name	<u>Amount</u>	<u>Percent of 2015 Operating Revenues (1)</u>
Multicare Health Systems	\$ 552,455	0.94%
St Joseph Medical	484,951	0.83%
City of Tacoma	464,959	0.79%
Puyallup Tribe	408,361	0.70%
Goodwill	398,235	0.68%
Tacoma School District	397,092	0.68%
Salishan	322,692	0.55%
Westridges Apts	293,034	0.50%
Westrock	232,765	0.40%
Fred Meyer Stores	222,619	0.38%
Total Revenue	<u>\$ 3,777,163</u>	6.45%

(1) Total system revenue \$58,737,840

## Revenues by Service

	<u>2014</u>	<u>2015</u>
Residential Collection	\$ 24,792,079	\$ 25,222,634
Commercial Collection	24,026,505	25,307,392
Disposal Revenues	6,001,929	7,253,808
Salvage Revenue	1,057,377	466,273
Other Operating Revenue	873,148	487,733
Total Operating Revenues	<u>\$ 56,751,038</u>	<u>\$ 58,737,840</u>

## Municipal Solid Waste annual tonnage for each disposal method is as follows:

	<u>2014</u>	<u>2015</u>
Solid Waste	165,000	172,000
Recycling	28,100	28,300
Yard Waste	34,000	33,000
Total	<u>227,100</u>	<u>233,300</u>

## Solid Waste Rates

Rates become effective January 1 of each year and are net of refuse collection taxes.

	<u>2015</u>		<u>2016</u>	
	<u>Rate Per 100 Pounds</u>	<u>Minimum Charge</u>	<u>Rate Per 100 Pounds</u>	<u>Minimum Charge</u>
<b>Garbage Disposal</b>				
City of Tacoma Resident <sup>(1)</sup>	\$ 6.50	\$ 15.00	\$ 6.50	\$ 20.00
Non-City of Tacoma Resident	7.50	15.00	7.50	20.00
Commercial	6.50	15.00	6.50	20.00
<b>Yard Waste</b>				
City of Tacoma Resident	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
Non-City of Tacoma Resident	7.50	15.00	7.50	20.00
Commercial	6.50	15.00	6.50	20.00

<sup>(1)</sup> For City residents, the minimum charge includes the first 400 pounds.

## Solid Waste Capital Expenditures of 2015 "Green" Bonds

The "green" bonds were spent on the following projects in 2015:

<u>Description</u>	<u>Amount</u>
CNG Fuel Station and Recycle Center Roof	\$ 840,485.00
Diesel Hybrid Collection Vehicles (8)	3,450,734.00
CNC Fork Box Truck	307,323.00
CNC Fork Box Truck (2)	566,721.00
Tier 4 Emissions Onsite Equipment	373,549.00
CNG Fuel Station and Food Waste Optimization	1,083,210.00
	<u>\$ 6,622,022.00</u>

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The City of Tacoma does not discriminate on the basis of disability in any of its programs, activities, or services. To request this information in an alternative format or to request a reasonable accommodation, please contact the City Clerk's Office at (253) 591-5505. TTY or speech to speech users please dial 711 to connect to Washington Relay Services.