



Rate and Financing Reports  
Vincennes Municipal Water Utility  
Vincennes Municipal Sewage Works  
Vincennes, Indiana

As of March 16, 2016





Rate and Financing Report  
Vincennes Municipal Water Utility  
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## Purpose of the Report

Crowe Horwath LLP (“Crowe”) has performed a study and analysis of the operating and financial reports, budgets and other data pertaining to the City of Vincennes Municipal Water Utility (“Utility”). The results of our analysis are contained in this Rate and Financing Report (“Report”).

The purpose of this Report is to estimate the Utility’s cash flow and financial capacity to meet its on-going revenue requirements for operation and maintenance expenses, present and proposed debt service payments, and to make capital improvements to the Utility’s system. This Report is based on data for the twelve months ended June 30, 2015. The historical information used in this Report was taken from the books and records of the Utility.

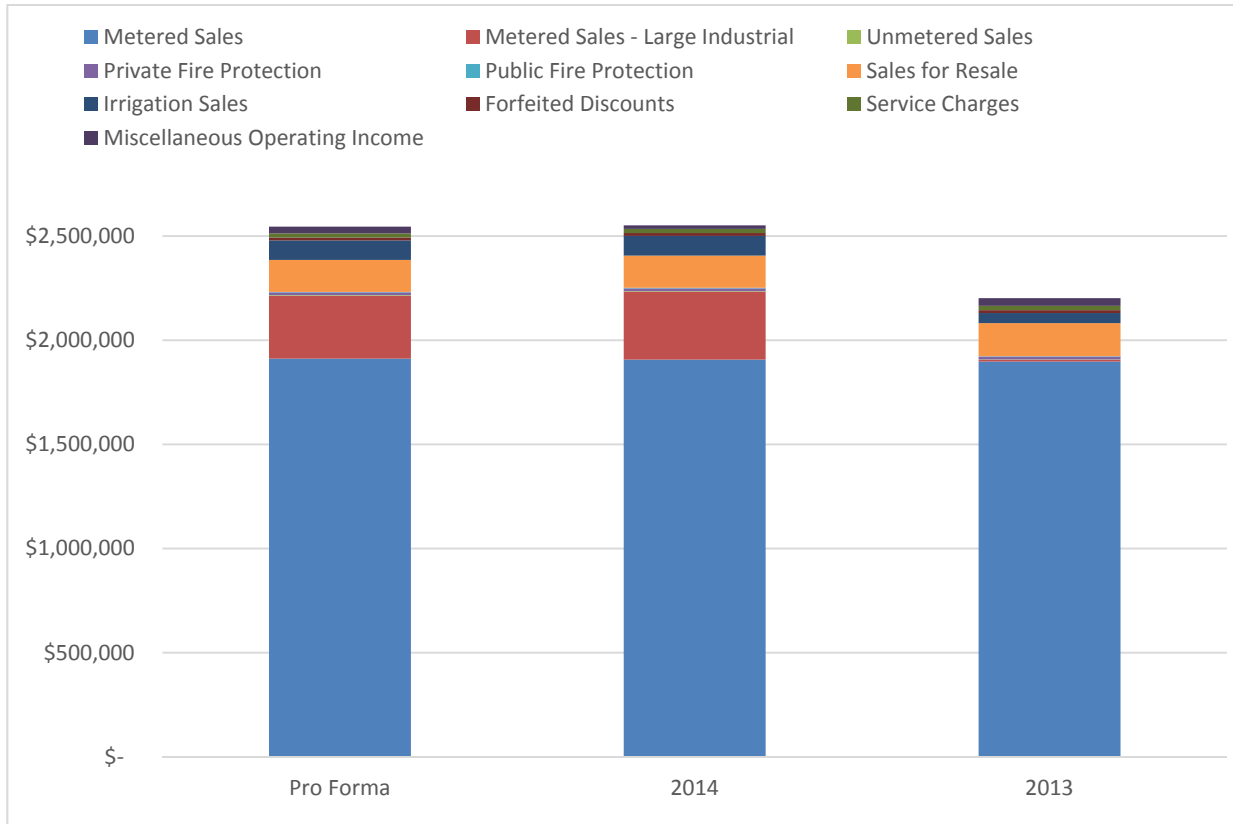
In the course of preparing this Report, we have not conducted an audit of any financial or supplemental data used in the accompanying Exhibits and Schedules. We have made certain projections that may vary from actual results because events and circumstances frequently do not occur as estimated and such variances may be material. We have no responsibility to update this Report for events and circumstances occurring after the date of this Report.

If you have any questions regarding this Report, please call John Skomp at (317) 269-6699 or Jennifer Wilson at (317) 269-6696.

# Operating Revenue Analysis

Operating revenues for the Utility increased from 2013 to 2014 due to the revenues received from a new Large Industrial Customer ("New Customer"). The New Customer's annual revenue is approximately \$300,000 at their current production level. The Utility's operating revenues (excluding the New Customer) have averaged \$2,221,000 for the historical years 2013 and 2014, and the Pro Forma Revenues. The Pro Forma Revenues are revenues from the year ended June 30, 2015. **Chart 1**, below, shows the revenues for 2013 to 2014 and Pro Forma. As can be seen from the chart, the largest components are metered sales which averages at \$1.91 million. See Exhibit C and D in Appendix A for additional detail.

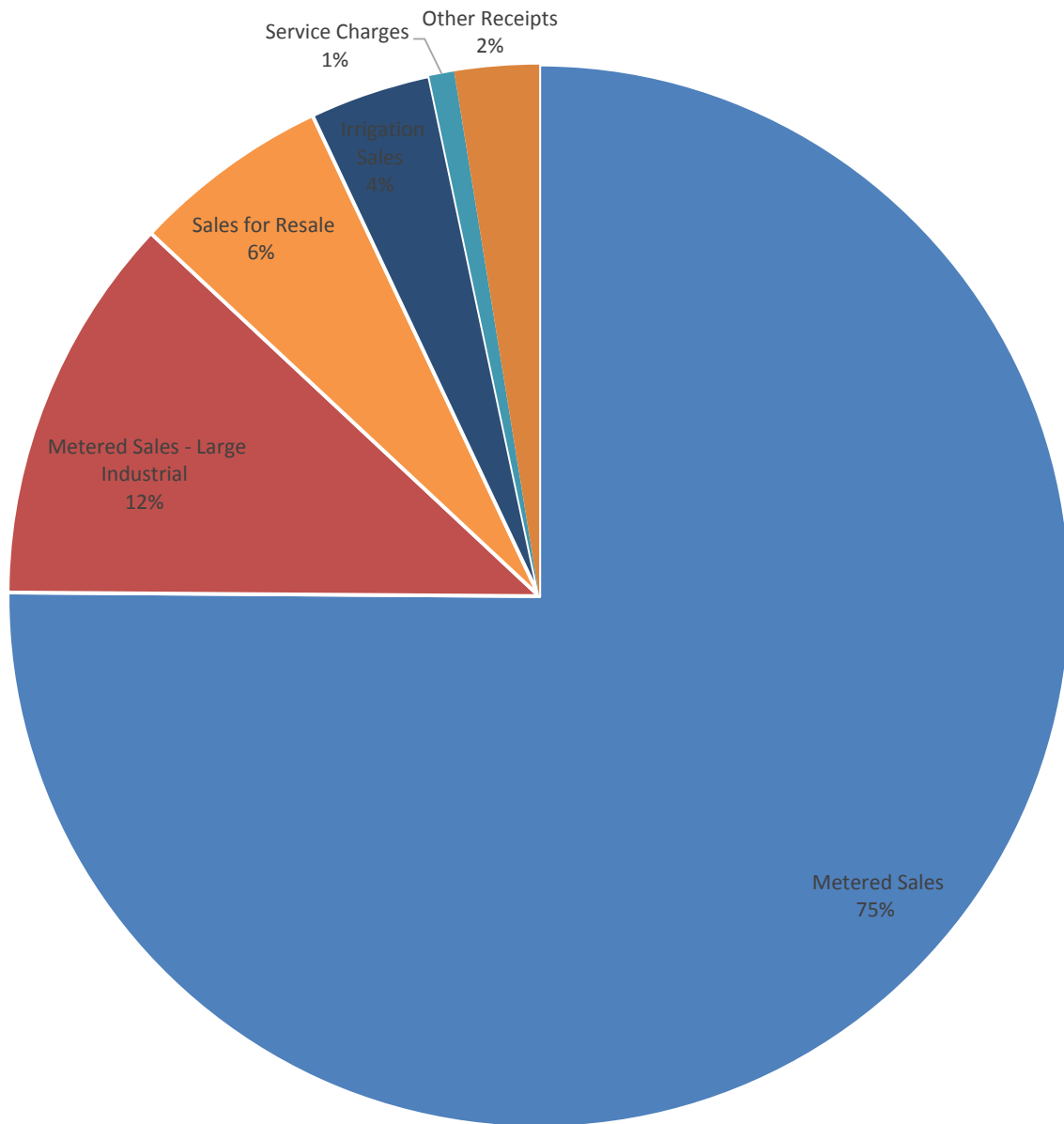
**Chart 1: Historical 2013 to 2014 and Pro Forma Revenues**



	<u>Pro Forma</u>	<u>2014</u>	<u>2013</u>
Metered Sales	\$ 1,912,152	\$ 1,907,272	\$ 1,897,959
Metered Sales - Large Industrial	301,786	326,145	8,197
Unmetered Sales	2,608	2,895	2,226
Private Fire Protection	13,143	13,053	12,672
Public Fire Protection	2,716	2,716	2,716
Sales for Resale	153,331	154,814	158,298
Irrigation Sales	94,149	94,039	48,611
Forfeited Discounts	13,867	14,019	13,861
Service Charges	19,263	20,170	20,578
Miscellaneous Operating Income	32,801	16,362	36,892
<b>Totals</b>	<b>\$ 2,545,816</b>	<b>\$ 2,551,485</b>	<b>\$ 2,202,010</b>

**Chart 2**, below provides a pictorial representation of the projected percentage of revenues, by class of revenue, for Pro Forma Revenues. As can be seen and expected, metered sales comprise a total of seventy-five percent (75%) of the total Pro Forma revenues, not including an additional twelve percent (12%) from the New Customer.

**Chart 2: Pro Forma Revenues**

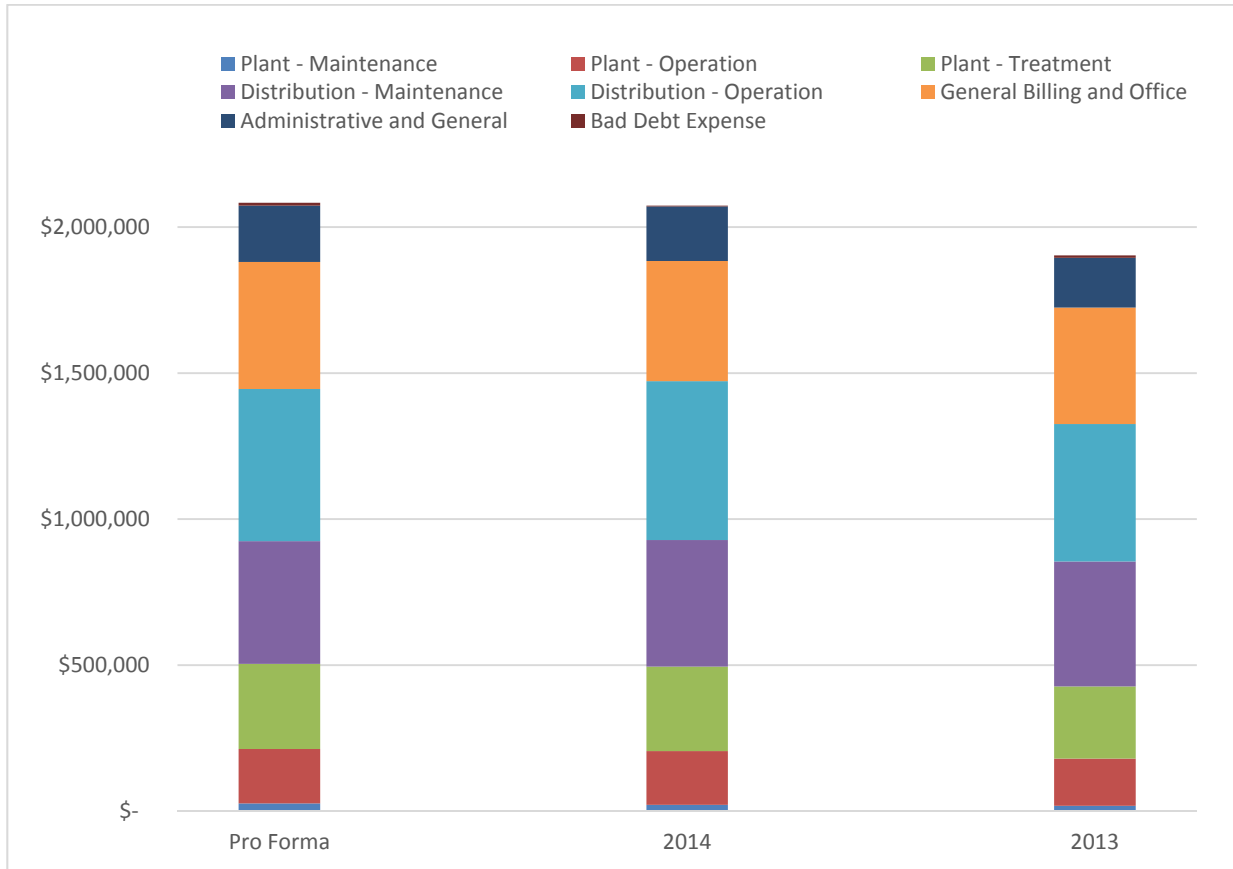


## Operating Expenses Analysis



**Chart 3**, below shows the historical disbursements for 2013 through 2014 as well as the Pro Forma Expenses. Pro Forma Expenses are the operating expenses for the year ended June 30, 2015, adjusted for expected increases in salaries and wages and related salary expenses as well as the removal of non-recoccurring expenses See Exhibit C and D in Appendix A for additional detail.

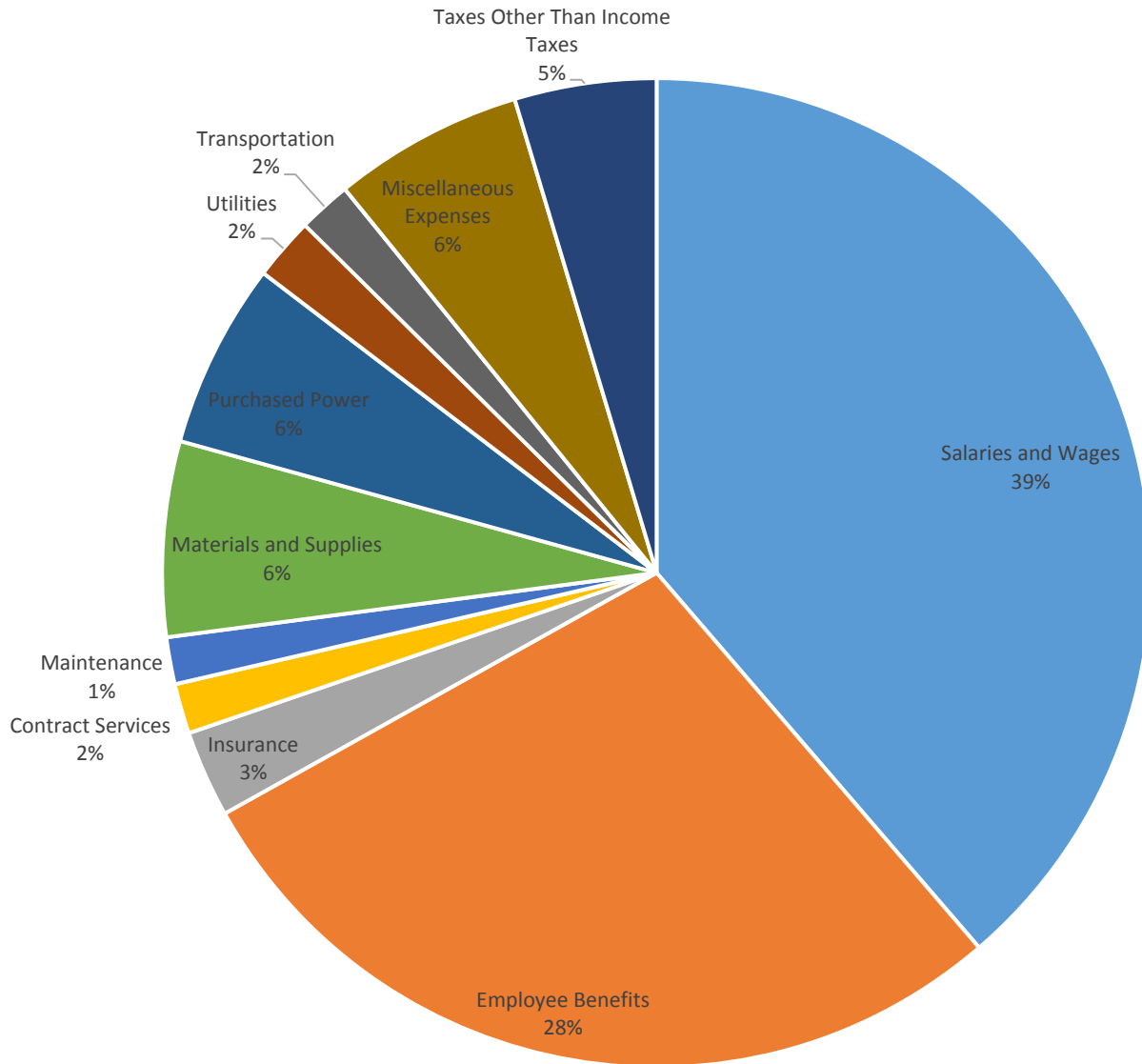
**Chart 3: Historical 2013 to 2014 and Pro Forma Expenses**



	<u>Pro Forma</u>	<u>2014</u>	<u>2013</u>
Plant - Maintenance	\$ 26,472	\$ 21,956	\$ 18,514
Plant - Operation	186,307	183,569	161,365
Plant - Treatment	291,691	289,687	247,419
Distribution - Maintenance	419,941	433,440	427,919
Distribution - Operation	521,092	543,966	470,382
General Billing and Office	434,793	411,316	398,672
Administrative and General	193,139	186,594	170,596
Bad Debt Expense	9,639	2,583	8,027
<b>Total Operating Expenses</b>	<b>\$ 2,083,074</b>	<b>\$ 2,073,111</b>	<b>\$ 1,902,894</b>

**Chart 4**, below shows the Pro Forma operation and maintenance expenses and taxes other than income taxes of \$2,184,283. As illustrated below, the largest expenses of the Utility are Salaries and Wages and Employee Benefits.

**Chart 4: Pro Forma Operating Expenses and Taxes Other Than Income Taxes**



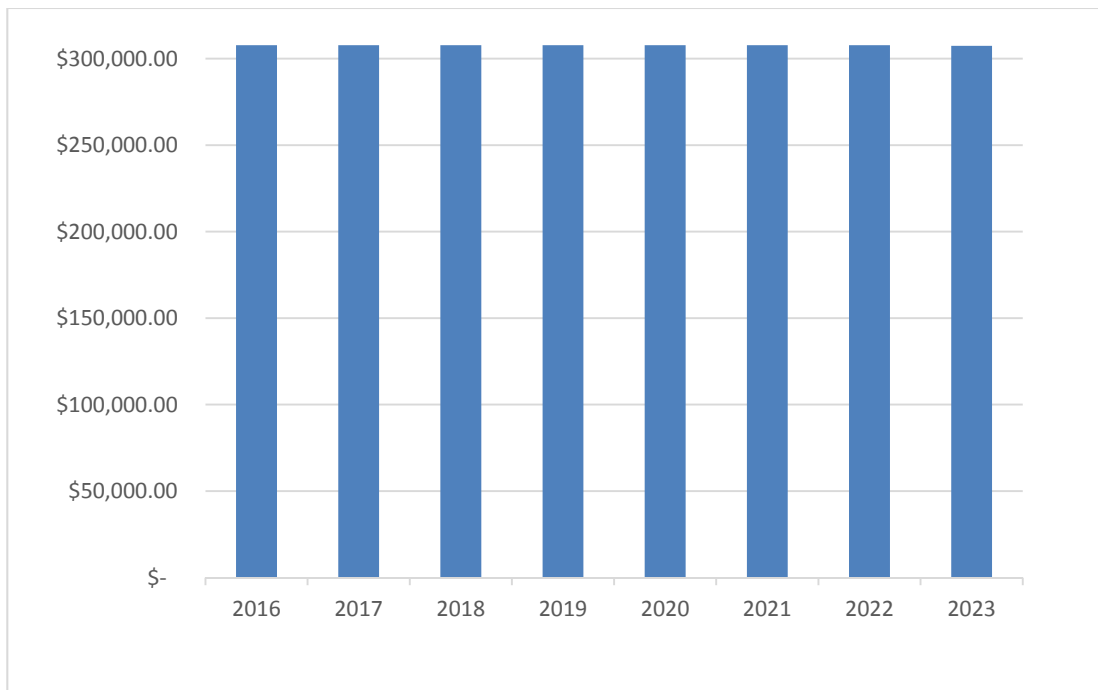


	<u>Pro Forma</u>
Salaries and Wages	\$ 845,104
Employee Benefits	616,324
Insurance	62,005
Contract Services	35,721
Maintenance	33,532
Materials and Supplies	139,308
Purchased Power	132,555
Utilities	44,646
Transportation	37,839
Miscellaneous Expenses	136,040
Taxes Other Than Income Taxes	<u>101,209</u>
 Total Operation and Maintenance Expenses and Taxes	 <u>\$ 2,184,283</u>

## Outstanding Debt Service

**Chart 5**, below, shows the annual principal and interest payments for the Waterworks Revenue Bonds of 2003, State Revolving Fund Loan (“2003 Bonds”). The annual debt service is level at approximately \$307,800 per year until the year 2023 at which time the 2003 Bonds mature. See Schedule A-1 in Appendix A for additional detail.

**Chart 5: Current Annual Debt Service**



## Proposed Waterworks Revenue Bonds, Series 2016

The Utility is proposing new debt to be issued in 2016 ("2016 Bonds") for the purpose of funding the Building Project and the retrofit of the system with automatic reading meters. The 2016 Bonds are expected to mature over a twenty year period at an estimated annual debt service of approximately \$740,000. Below are the estimated sources and uses:

### Estimated Sources and Uses

Sources of Funds:	
Par Amount	<u>\$ 10,100,000</u>
Total Sources of Funds	<u>\$ 10,100,000</u>
Uses of Funds:	
Building Project	\$ 8,000,000
Automatic Meters Reading/Retrofit	1,000,000
Debt Service Reserve	742,409
Underwriter's Discount	101,000
Cost of Issuance:	250,664
Rounding	<u>5,927</u>
Total Uses of Funds	<u>\$ 10,100,000</u>

## Fund Balance Requirements

The Utility is required to maintain certain fund balances as directed by the bond ordinance for the 2003 Bonds. The operation and maintenance fund should maintain a balance of two months of operation and maintenance expenses and taxes other than income taxes. The bond and interest fund is required to be funded on a monthly basis at one-sixth (1/6) of the following semi-annual principal and interest payment. The debt service reserve is required to be funded at the maximum annual debt service of the 2003 Bonds. The only fund balance not currently meeting requirements is the Operating Fund Balance. See Exhibit B in Appendix A for additional detail.

Minimum Required Balance	\$ 364,048
Compare to Net Current Operating and Working Fund Balances	<u>19,322</u>
Difference	<u>\$ (344,726)</u>

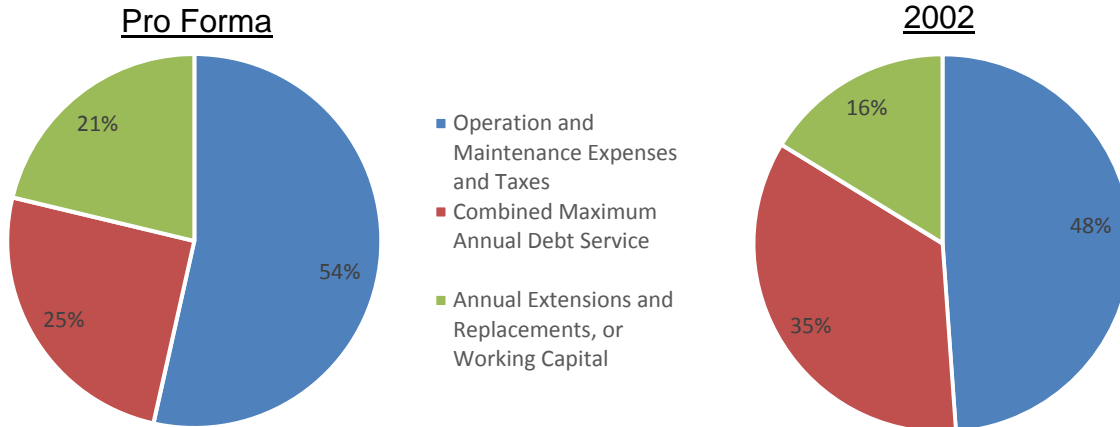
## Proposed Rate Increase

The following is the calculation of the projected deficit of \$1,572,016 and the recommended rate increase of 65%. The Other Operating Revenue used is comprised of forfeited discounts and service charges. See Exhibit H of Appendix A for additional detail.

	<u>Revenue Requirements</u>
Adjusted Operation and Maintenance Expenses (Exhibit D)	\$ 2,083,074
Adjusted Taxes Other Than Income Taxes (Exhibit D)	101,209
Estimated Combined Maximum Annual Debt Service (Exhibit G)	1,049,541
Estimated Annual Extensions and Replacements (Depreciation Expense)	711,645
Working Capital Funding (A)	<u>172,363</u>
Total Revenue Requirements	4,117,832
Less: Adjusted Operating Revenues (Exhibit D)	<u>(2,545,816)</u>
Deficit Revenues	(1,572,016)
Divide by: Revenue Conversion Factor	<u>0.986</u>
Required Increase in Operating Revenues	(1,594,337)
Divide by: Adjustable Operating Revenues (Exhibit D)	<u>2,479,885</u>
Percentage Rate Increase Required	<u><u>65%</u></u>
<u>(A) Calculation of Annual Working Capital Funding</u>	
Calculated Difference (Exhibit B)	\$ 344,726
Divide by: Number of Years to Fund	<u>2</u>
Annual Working Capital Funding	<u><u>\$ 172,363</u></u>

## Comparison of Current Revenue Requirements to 2002 Revenue Requirements

The following graphs depict the percentage of each component of the revenue requirements for the proposed rate increase compared to the prior rate increase in 2002. It should be noted that the Utility has not raised rates since 2002.



	<u>ProForma</u>	<u>2002</u>
Operation and Maintenance Expenses and Taxes	\$ 2,184,283	\$ 1,373,539
Combined Maximum Annual Debt Service	1,049,541	1,008,979
Annual Extensions and Replacements, or Working Capital	884,008	456,618
<b>Total Revenue Requirements</b>	<b>\$ 4,117,832</b>	<b>\$ 2,839,136</b>

As can be seen, the total amount allocated for extensions and replacements and working capital has increased by approximately \$430,000. Operation and maintenance expenses and taxes other than income taxes increased substantially since 2002. The detail of the change in the Operation and Maintenance Expenses and Taxes in Pro Forma Expenses as compared to the prior rate increase in 2002 is shown below. As can be seen, the largest portion of the change was due to Salaries and Wages and Employee Benefits.

	<u>Pro Forma</u>	<u>2002</u>	<u>Difference</u>
Salaries and Wages	\$ 845,104	\$ 635,074	\$ 210,030
Employee Benefits	616,324	260,442	355,882
Insurance	62,005	27,033	34,972
Contract Services	35,721	74,893	(39,172)
Maintenance	33,532	27,630	5,902
Materials and Supplies	139,308	114,525	24,783
Purchased Power	132,555	59,953	72,602
Utilities	44,646	17,820	26,826
Transportation	37,839	17,322	20,517
Miscellaneous Expenses	136,040	64,530	71,510
Taxes Other Than Income Taxes	101,209	74,317	26,892
<b>Total Operation and Maintenance Expenses and Taxes</b>	<b>\$ 2,184,283</b>	<b>\$ 1,373,539</b>	<b>\$ 810,744</b>

## Rate Increase Effect on Rate Structure and Typical Monthly Bill Analysis

The current rate structure for inside city limits is a monthly user charge of \$1.14 per 100 cubic feet (ccf) for the first 15 ccf, \$0.99 for the next 25 ccf, and \$0.85 for consumption over 40 ccf, with a monthly charge by meter size with 5/8 inch - 3/4 inch meter charge at \$6.90. The current rate structure for outside city limits is a monthly user charge of \$1.71 per 100 ccf for the first 15 ccf, \$1.49 for the next 25 ccf, and \$1.28 for consumption over 40 ccf, with a monthly charge by meter size with 5/8 inch - 3/4 inch meter at \$10.35. The current rates have been in effect for almost fourteen years since they passed in March of 2002.

A sixty-five percent increase (65%) would increase the Inside City user charge to \$1.88 per 100 ccf for the first 15 ccf, \$1.63 for the next 25 ccf, and \$1.40 for consumption over 40 ccf, with a minimum monthly charge by meter size with 5/8 inch - 3/4 inch meter at \$11.39. The Outside User charge \$2.82 per 100 ccf for the first 15 ccf, \$2.45 for the next 25 ccf, and \$2.10 for consumption over 40 ccf, with a monthly charge by meter size with 5/8 inch - 3/4 inch meter at \$17.08. See Exhibit I in Appendix A for additional detail.

The following table details the monthly effect the rate increase would have on a small user up to 200 cubic feet and an average user of 700 cubic feet.

<u>Monthly Usage</u>	<u>Monthly Current Charge</u>	<u>65% Proposed Charge</u>	<u>Difference</u>
<u>Inside City</u>			
Small User 200 Cubic Feet	\$ 9.18	\$ 15.15	\$ 5.97
Average User 700 Cubic Feet	14.88	24.55	9.67
<u>Outside City</u>			
Small User 200 Cubic Feet	\$ 13.77	\$ 22.72	\$ 8.95
Average User 700 Cubic Feet	22.32	36.82	14.50

## Impact of the New Customer on Water Rates

By not including the current additional revenue from the New Customer of \$301,786, the projected rate increase necessary to cover current expenses would be eighty-eight percent (88%) compared to the suggested sixty-five percent (65%).

## Appendix A: Supporting Financial Statements

## VINCENNES MUNICIPAL WATER UTILITY

Vincennes, Indiana

Balance Sheets as of June 30, 2015, December 31, 2014, and 2013

<b>ASSETS AND OTHER DEBITS</b>	June 30, <u>2015</u>	December 31, <u>2014</u>	December 31, <u>2013</u>
<u>Utility Plant</u>			
Utility Plant in Service	\$27,921,928	\$ 27,850,592	\$ 27,799,540
Less: Accumulated Depreciation	<u>(12,954,360)</u>	<u>(12,619,959)</u>	<u>(11,919,773)</u>
Net Utility Plant in Service	<u>14,967,568</u>	<u>15,230,633</u>	<u>15,879,767</u>
 <u>Restricted Assets</u>			
Customer Deposit Fund	199,052	196,457	196,189
Improvement Fund	173	951	22,392
Bond and Interest Account	25,647	25,788	-
Debt Service Reserve Account	238,412	308,062	308,000
Working Fund	2,325	2,325	2,325
Total Restricted Assets	<u>465,609</u>	<u>533,583</u>	<u>528,906</u>
 <u>Current and Accrued Assets</u>			
Operating Fund	16,997	57,306	196,381
Accounts Receivable - Net	157,259	138,222	146,602
Inventory	99,821	122,730	123,388
Prepaid Insurance	9,543	-	-
Total Current and Accrued Assets	<u>283,620</u>	<u>318,258</u>	<u>466,371</u>
 <u>Deferred Debits</u>			
Miscellaneous Deferred Debits	<u>-</u>	<u>-</u>	<u>2,531</u>
 Total Assets and Other Debits	 <u>\$15,716,797</u>	 <u>\$ 16,082,474</u>	 <u>\$ 16,877,575</u>

**VINCENNES MUNICIPAL WATER UTILITY**

Vincennes, Indiana

Balance Sheets as of June 30, 2015, December 31, 2014, and 2013

<b>LIABILITIES AND OTHER CREDITS</b>	June 30, <u>2015</u>	December 31, <u>2014</u>	December 31, <u>2013</u>
<u>Equity Capital</u>			
Retained Earnings	\$ 10,741,072	\$ 11,311,788	\$ 12,094,439
Current Year Earnings	(201,694)	(570,716)	(782,651)
Total Equity Capital	<u>10,539,378</u>	<u>10,741,072</u>	<u>11,311,788</u>
<u>Long-Term Debt</u>			
2003 SRF Loan	<u>2,264,724</u>	<u>2,379,344</u>	<u>2,603,033</u>
<u>Current and Accrued Liabilities</u>			
Accounts Payable	-	53,903	48,195
Accrued Interest	6,227	6,543	7,158
Sales Tax Payable	11,401	10,136	9,379
Customer Deposits	198,813	196,457	196,189
Advances for Construction	99,115	99,115	118,476
Payroll Deductions	4,965	6,355	3,961
Accrued Compensation	2,625	-	-
Compensated Absences Payable	46,563	46,563	49,029
Total Current and Accrued Liabilities	<u>369,709</u>	<u>419,072</u>	<u>432,387</u>
<u>Contributions in Aid of Construction</u>	<u>2,542,986</u>	<u>2,542,986</u>	<u>2,530,367</u>
Total Liabilities and Other Credits	<u>\$ 15,716,797</u>	<u>\$ 16,082,474</u>	<u>\$ 16,877,575</u>



**VINCENNES MUNICIPAL WATER UTILITY**  
Vincennes, Indiana

Waterworks Revenue Bonds of 2003  
State Revolving Fund (SRF) Loan  
Amortization Schedule

<u>Date</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Period Total</u>	<u>Fiscal Total</u>
12/1/15	\$ 116,511	3.3 %	\$ 37,368	\$ 153,879	\$153,879
6/1/16	118,434	3.3	35,446	153,880	
12/1/16	120,388	3.3	33,491	153,879	307,759
6/1/17	122,374	3.3	31,505	153,879	
12/1/17	124,394	3.3	29,486	153,880	307,759
6/1/18	126,446	3.3	27,433	153,879	
12/1/18	128,533	3.3	25,347	153,880	307,759
6/1/19	130,653	3.3	23,226	153,879	
12/1/19	132,809	3.3	21,070	153,879	307,758
6/1/20	135,000	3.3	18,879	153,879	
12/1/20	137,228	3.3	16,652	153,880	307,759
6/1/21	139,492	3.3	14,387	153,879	
12/1/21	141,794	3.3	12,086	153,880	307,759
6/1/22	144,133	3.3	9,746	153,879	
12/1/22	146,512	3.3	7,368	153,880	307,759
6/1/23	148,929	3.3	4,950	153,879	
12/1/23	<u>151,094</u>	3.3	<u>2,493</u>	<u>153,587</u>	307,466
Totals	<u>\$ 2,264,724</u>		<u>\$ 350,933</u>	<u>\$2,615,657</u>	

Note: The 2003 SRF Loan is redeemable at a 0% premium as of May 31, 2015.

**VINCENNES MUNICIPAL WATER UTILITY**

Vincennes, Indiana

Statement of Fund Balances as of June 30, 2015  
and Calculation of Required Fund Balances

Operating Fund	\$ 16,997
Customer Deposit Fund	199,052
Improvement Fund	173
Bond and Interest Account	25,647
Debt Service Reserve Account	238,412
Working Fund	<u>2,325</u>
Total Cash and Investments	<u>\$ 482,606</u>

**Operating Fund**Calculation of Required Operating Fund Balance

Adjusted Operation and Maintenance Expenses (Exhibit D)	\$ 2,083,074
Adjusted Taxes Other Than Income Taxes (Exhibit D)	<u>101,209</u>
Subtotal	2,184,283
Divide by: Twelve Months	<u>12</u>
Monthly Operation and Maintenance Expenses and Taxes Other Than Income Taxes	182,024
Times: Two Months	<u>2</u>

Minimum Required Balance	<u>\$ 364,048</u>
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<u>Compare to Net Current Operating and Working Fund Balances</u>	<u>\$ 19,322</u>
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Difference	<u>\$ (344,726)</u>
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**Sinking Funds**Calculation of Required Bond and Interest Fund Balance

2003 SRF Loan Principal and Interest Payment due December 1, 2015 (Schedule A-1)	\$ 153,879
Divide by: Six Months	<u>6</u>
Monthly Transfer for Principal and Interest Payment	25,647
Times: One Month Since Last Debt Service Payment	<u>1</u>

Total Required Bond and Interest Fund Balance	<u>\$ 25,647</u>
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<u>Compare to Bond and Interest Account</u>	<u>\$ 25,647</u>
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Difference	<u>\$ -</u>
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**VINCENNES MUNICIPAL WATER UTILITY**  
Vincennes, Indiana

Statement of Fund Balances as of June 30, 2015  
and Calculation of Required Fund Balances

**Debt Service Reserve Funds**

Calculation of Required Debt Service Reserve

2003 SRF Loan Debt Service Reserve (1)	<u>\$ 307,769</u>
<u>Compare to Debt Service Reserve Fund Balance (2)</u>	<u>\$ 238,412</u>

- (1) The 2003 SRF Loan Debt Service Reserve Requirement was funded by monthly deposits of net revenues.
- (2) As of the date of this Report, the Debt Service Reserve has been funded at \$307,7816. No transfers are required at this time.

**VINCENNES MUNICIPAL WATER UTILITY**

Vincennes, Indiana

Statements of Income for the Twelve Months Ended  
June 30, 2015, December 31, 2014, and 2013

	June 30, <u>2015</u>	December 31, <u>2014</u>	December 31, <u>2013</u>
<u>Operating Revenues</u>			
Metered Sales	\$ 1,912,152	\$ 1,907,272	\$ 1,897,959
Metered Sales - Large Industrial	301,786	326,145	8,197
Unmetered Sales	2,608	2,895	2,226
Private Fire Protection	13,143	13,053	12,672
Public Fire Protection	2,716	2,716	2,716
Sales for Resale	153,331	154,814	158,298
Irrigation Sales	94,149	94,039	48,611
Forfeited Discounts	13,867	14,019	13,861
Service Charges	19,263	20,170	20,578
Miscellaneous Operating Income	32,801	16,362	36,892
Total Operating Revenues	<u>2,545,816</u>	<u>2,551,485</u>	<u>2,202,010</u>
<u>Operating Expenses</u>			
<u>Operation and Maintenance Expenses</u>			
Plant - Maintenance	26,426	21,956	18,514
Plant - Operation	183,064	183,569	161,365
Plant - Treatment	287,523	289,687	247,419
Distribution - Maintenance	412,970	433,440	427,919
Distribution - Operation	515,706	543,966	470,382
General Billing and Office	429,685	411,316	398,672
Administrative and General	201,831	186,594	170,596
Bad Debt Expense	9,639	2,583	8,027
Total Operation and Maintenance Expenses	<u>2,066,844</u>	<u>2,073,111</u>	<u>1,902,894</u>
Depreciation Expense	<u>711,645</u>	<u>711,338</u>	<u>725,826</u>
Amortization Expense	<u>-</u>	<u>2,531</u>	<u>9,416</u>
<u>Taxes Other Than Income Taxes</u>			
FICA Taxes	63,725	66,037	62,576
State Unemployment	932	944	926
Utility Receipts Tax	37,100	37,033	31,533
Total Taxes Other Than Income Taxes	<u>101,757</u>	<u>104,014</u>	<u>95,035</u>
Total Operating Expenses	<u>2,880,246</u>	<u>2,890,994</u>	<u>2,733,171</u>
Net Operating Income	<u>(334,430)</u>	<u>(339,509)</u>	<u>(531,161)</u>

**VINCENNES MUNICIPAL WATER UTILITY**

Vincennes, Indiana

Statements of Income for the Twelve Months Ended  
June 30, 2015, December 31, 2014, and 2013

	June 30, <u>2015</u>	December 31, <u>2014</u>	December 31, <u>2013</u>
<u>Other Income</u>			
Rental Income	\$ 6,493	\$ 6,493	\$ 6,493
Tap In Fees	10,850	8,350	11,650
Interest Income	1,347	1,410	2,227
Duke Energy Contract Fee	8,579	8,632	8,253
Other Gains	2,501	-	-
Sewer Billing Reimbursement	455,023	382,656	352,278
Miscellaneous Income	74,231	21,446	-
Total Other Income	<u>559,024</u>	<u>428,987</u>	<u>380,901</u>
<u>Other Expenses</u>			
Interest Expense	85,444	89,145	90,678
Sewer Non-Operating	586,989	568,770	537,120
Other Losses	-	2,279	4,593
Total Other Expenses	<u>672,433</u>	<u>660,194</u>	<u>632,391</u>
Net Income	<u>\$ (447,839)</u>	<u>\$ (570,716)</u>	<u>\$ (782,651)</u>

## VINCENNES MUNICIPAL WATER UTILITY

Vincennes, Indiana

### Adjusted Statement of Income

	June 30, <u>2015</u>	<u>Adjustments</u>		<u>Adjusted</u>
		<u>Amount</u>	<u>Ref.</u>	
<u>Operating Revenues</u>				
Metered Sales	\$ 1,912,152			\$1,912,152
Metered Sales - Large Industrial	301,786			301,786
Unmetered Sales	2,608			2,608
Private Fire Protection	13,143			13,143
Public Fire Protection	2,716			2,716
Sales for Resale	153,331			153,331
Irrigation Sales	94,149			94,149
Forfeited Discounts	13,867			13,867
Service Charges	19,263			19,263
Miscellaneous Operating Income	32,801			32,801
Total Operating Revenues	<u>2,545,816</u>			<u>2,545,816</u>
<u>Operating Expenses</u>				
Operation and Maintenance Expenses	2,066,844	\$ 24,614	(1)	2,083,074
		3,147	(2)	
		(11,531)	(3)	
Depreciation Expense	711,645			711,645
Taxes Other Than Income Taxes	101,757	(1,473)	(4)	101,209
		925	(5)	
Total Operating Expenses	<u>2,880,246</u>	<u>15,682</u>		<u>2,895,928</u>
Net Operating Income	<u>\$ (334,430)</u>	<u>\$ (15,682)</u>		<u>\$ (350,112)</u>

**VINCENNES MUNICIPAL WATER UTILITY**

Vincennes, Indiana

Detail of Adjustments

(1)

To adjust "Operation and Maintenance Expenses" for the estimated increase in Salaries and Wages.

Pro Forma Salaries and Wages	\$ 845,104	
Less: Test Year	<u>(820,490)</u>	
Adjustment - Increase		<u><u>\$ 24,614</u></u>

(2)

To adjust "Operation and Maintenance Expenses" for the increase in PERF Expense.

Pro Forma Salaries and Wages	\$ 845,104	
Times: PERF Contribution Rate	<u>14.2%</u>	
Pro Forma PERF Expense	120,005	
Less: Test Year	<u>(116,858)</u>	
Adjustment - Increase		<u><u>\$ 3,147</u></u>

(3)

To adjust "Operation and Maintenance Expenses" for the removal of non-reoccurring expenses.

<u>Vendor</u>	<u>Description</u>	<u>Amount</u>
Bingham Greenebaum Doll	Bond Counsel Services	\$ 5,691
Ascom Hasler	Annexation Postage Mailer	<u>5,840</u>
Adjustment - Decrease		<u><u>\$ (11,531)</u></u>

(4)

To adjust "Taxes Other Than Income Taxes" to annualize the utility receipts tax at the adjusted level of operating revenue.

Adjusted Operating Revenue	\$ 2,545,816	
Less: Exemption	<u>(1,000)</u>	
Taxable Revenue	2,544,816	
Times: Utility Receipts Tax Rate	<u>1.4%</u>	
Adjusted Utility Receipts Tax	35,627	
Less: Test Year	<u>(37,100)</u>	
Adjustment - Decrease		<u><u>\$ (1,473)</u></u>

**VINCENNES MUNICIPAL WATER UTILITY**

Vincennes, Indiana

Detail of Adjustments

(5)

To adjust "Taxes Other Than Income Taxes" for the estimated change in FICA tax due to the change in salaries and wages.

Pro Forma Salaries and Wages	\$ 845,104
Times: FICA Rate	<u>7.65%</u>
Pro Forma FICA Expense (Excluding Sewer Non Operating)	<u>64,650</u>
Less: Test Year (Excluding Sewer Non Operating)	<u>(63,725)</u>
Adjustment - Increase	<u><u>\$ 925</u></u>



**VINCENNES MUNICIPAL WATER UTILITY**

Vincennes, Indiana

Proposed Waterworks Revenue Bonds, Series 2016  
Estimated Sources and Uses of FundsSources of Funds:

Par Amount	<u>\$ 10,100,000</u>
 Total Sources of Funds	 <u><u>\$ 10,100,000</u></u>

Uses of Funds:

Building Project	\$ 8,000,000
Automatic Meters Reading/Retrofit	1,000,000
Debt Service Reserve	742,409
Underwriter's Discount	101,000
Cost of Issuance:	
Bond Counsel	40,000
Local Counsel	20,000
Financial Advisor	38,000
Registrar and Paying Agent	1,000
Electronic Sale	1,000
Insurance	135,664
Rating	15,000
Rounding	<u>5,927</u>
 Total Uses of Funds	 <u><u>\$ 10,100,000</u></u>

**VINCENNES MUNICIPAL WATER UTILITY**  
Vincennes, Indiana

Proposed Waterworks Revenue Bonds, Series 2016  
Estimated Amortization Schedule

<u>Date</u>	<u>Principal</u>	<u>Coupon (1)</u>	<u>Interest</u>	<u>Period Total</u>	<u>Fiscal Total</u>
6/1/16			\$ 93,278	\$ 93,278	
12/1/16			186,555	186,555	\$ 279,833
6/1/17	\$ 185,000	1.75 %	186,555	371,555	
12/1/17	185,000	1.75	184,936	369,936	741,491
6/1/18	185,000	2.05	183,318	368,318	
12/1/18	190,000	2.05	181,421	371,421	739,739
6/1/19	190,000	2.35	179,474	369,474	
12/1/19	190,000	2.35	177,241	367,241	736,715
6/1/20	195,000	2.65	175,009	370,009	
12/1/20	195,000	2.65	172,425	367,425	737,434
6/1/21	200,000	2.90	169,841	369,841	
12/1/21	205,000	2.90	166,941	371,941	741,782
6/1/22	205,000	3.10	163,969	368,969	
12/1/22	210,000	3.10	160,791	370,791	739,760
6/1/23	210,000	3.30	157,536	367,536	
12/1/23	215,000	3.30	154,071	369,071	736,607
6/1/24	220,000	3.45	150,524	370,524	
12/1/24	225,000	3.45	146,729	371,729	742,253
6/1/25	225,000	3.60	142,848	367,848	
12/1/25	230,000	3.60	138,798	368,798	736,646
6/1/26	235,000	3.75	134,658	369,658	
12/1/26	240,000	3.75	130,251	370,251	739,909
6/1/27	245,000	3.85	125,751	370,751	
12/1/27	250,000	3.85	121,035	371,035	741,786
6/1/28	255,000	3.95	116,223	371,223	
12/1/28	260,000	3.95	111,186	371,186	742,409
6/1/29	265,000	4.05	106,051	371,051	
12/1/29	270,000	4.05	100,685	370,685	741,736
6/1/30	275,000	4.15	95,218	370,218	
12/1/30	280,000	4.15	89,511	369,511	739,729
6/1/31	285,000	4.20	83,701	368,701	
12/1/31	290,000	4.20	77,716	367,716	736,417
6/1/32	300,000	4.25	71,626	371,626	
12/1/32	305,000	4.25	65,251	370,251	741,877
6/1/33	310,000	4.30	58,770	368,770	
12/1/33	320,000	4.30	52,105	372,105	740,875
6/1/34	325,000	4.35	45,225	370,225	
12/1/34	330,000	4.35	38,156	368,156	738,381
6/1/35	340,000	4.40	30,979	370,979	
12/1/35	345,000	4.40	23,499	368,499	739,478
6/1/36	355,000	4.45	15,909	370,909	
12/1/36	<u>360,000</u>	4.45	<u>8,010</u>	<u>368,010</u>	738,919
Totals	<u>\$ 10,100,000</u>		<u>\$ 4,973,776</u>	<u>\$ 15,073,776</u>	

(1) Assumes current "A" interest rates plus one hundred (100) basis points as of October 1, 2015. Estimated Net Interest Cost (NIC) is 4.12%. Rates are estimated and subject to change.

**VINCENNES MUNICIPAL WATER UTILITY**  
Vincennes, Indiana

Estimated Combined Amortization Schedule

<u>Year</u>	<u>2003 SRF Loan</u>	<u>Estimated 2016 Bonds</u>	<u>Total</u>
2015	\$ 153,879		\$ 153,879
2016	307,759	\$ 279,833	587,592
2017	307,759	741,491	1,049,250
2018	307,759	739,739	1,047,498
2019	307,758	736,715	1,044,473
2020	307,759	737,434	1,045,193
2021	307,759	741,782	1,049,541
2022	307,759	739,760	1,047,519
2023	307,466	736,607	1,044,073
2024		742,253	742,253
2025		736,646	736,646
2026		739,909	739,909
2027		741,786	741,786
2028		742,409	742,409
2029		741,736	741,736
2030		739,729	739,729
2031		736,417	736,417
2032		741,877	741,877
2033		740,875	740,875
2034		738,381	738,381
2035		739,478	739,478
2036		738,919	738,919
Totals	<u>\$ 2,615,657</u>	<u>\$15,073,776</u>	<u>\$17,689,433</u>
Estimated Combined Maximum Annual Debt Service			<u>\$ 1,049,541</u>

**VINCENNES MUNICIPAL WATER UTILITY**  
Vincennes, Indiana

Statement of Revenue Requirements

Adjusted Operation and Maintenance Expenses (Exhibit D)	\$ 2,083,074
Adjusted Taxes Other Than Income Taxes (Exhibit D)	101,209
Estimated Combined Maximum Annual Debt Service (Exhibit G)	1,049,541
Estimated Annual Extensions and Replacements (Depreciation Expense)	711,645
Working Capital Funding (A)	<u>172,363</u>
Total Revenue Requirements	<u>4,117,832</u>
Less: Adjusted Operating Revenues (Exhibit D)	<u>(2,545,816)</u>
Deficit Revenues	(1,572,016)
Divide by: Revenue Conversion Factor	<u>0.986</u>
Required Increase in Operating Revenues	(1,594,337)
Divide by: Adjustable Operating Revenues (Exhibit D)	<u>2,479,885</u>
Percentage Rate Increase Required	<u><u>65%</u></u>
 (A) <u>Calculation of Annual Working Capital Funding</u>	
Calculated Difference (Exhibit B)	\$ 344,726
Divide by: Number of Years to Fund	<u>2</u>
Annual Working Capital Funding	<u><u>\$ 172,363</u></u>

**VINCENNES MUNICIPAL WATER UTILITY**

Vincennes, Indiana

## Schedule of Present and Proposed Rates and Charges

			<u>Inside City</u>	
			<u>Present</u>	<u>Proposed</u>
			<u>Rates (1)</u>	<u>Rates</u>
<u>Consumption Per Month</u>				
<u>(Rate Per Hundred Cubic Feet)</u>				
First	1,500	Cubic Feet	\$ 1.14	\$ 1.88
Next	2,500	Cubic Feet	0.99	1.63
Over	4,000	Cubic Feet	0.85	1.40
<u>Monthly Service Charge by Meter Size</u>				
5/8	inch	meter	\$ 6.90	\$ 11.39
3/4	inch	meter	6.90	11.39
1	inch	meter	14.12	23.30
1 1/2	inch	meter	28.94	47.75
2	inch	meter	49.68	81.97
3	inch	meter	108.95	179.77
4	inch	meter	191.91	316.65
6	inch	meter	428.97	707.80
<u>Automatic Sprinkler, per annum</u>				
2	inch	connection	\$ 15.48	\$ 25.54
3	inch	connection	35.17	58.03
4	inch	connection	61.90	102.14
6	inch	connection	140.69	232.14
8	inch	connection	250.43	413.21
10	inch	connection	391.12	645.35
12	inch	connection	562.76	928.55

(1) Present Rates and Charges were effective March 25, 2002.

**VINCENNES MUNICIPAL WATER UTILITY**

Vincennes, Indiana

Schedule of Present and Proposed Rates and Charges

			<u>Outside City</u>	
			<u>Present</u>	<u>Proposed</u>
			<u>Rates (1)</u>	<u>Rates</u>
<u>Consumption Per Month</u>				
<u>(Rate Per Hundred Cubic Feet)</u>				
First	1,500	Cubic Feet	\$ 1.71	\$ 2.82
Next	2,500	Cubic Feet	1.49	2.45
Over	4,000	Cubic Feet	1.28	2.10

Monthly Service Charge by Meter Size

5/8	inch meter	\$ 10.35	\$ 17.08
3/4	inch meter	10.35	17.08
1	inch meter	21.18	34.95
1 1/2	inch meter	43.41	71.63
2	inch meter	74.52	122.96
3	inch meter	163.43	269.66
4	inch meter	287.87	474.99
6	inch meter	643.46	1,061.71

Automatic Sprinkler, per annum

2	inch connection	\$ 23.22	\$ 38.31
3	inch connection	52.76	87.05
4	inch connection	92.85	153.20
6	inch connection	211.04	348.22
8	inch connection	375.65	619.82
10	inch connection	586.68	968.02
12	inch connection	844.14	1,392.83

(1) Present Rates and Charges were effective March 25, 2002.

**VINCENNES MUNICIPAL WATER UTILITY**

Vincennes, Indiana

Typical Monthly Bill Analysis  
 Inside City - 5/8" or 3/4" Meter Size

<u>Cubic Feet</u>	<u>Present Charge</u>	<u>Proposed Charge</u>	<u>Difference</u>
0	\$ 6.90	\$ 11.39	\$ 4.49
100	8.04	13.27	5.23
200	9.18	15.15	5.97
300	10.32	17.03	6.71
400	11.46	18.91	7.45
500	12.60	20.79	8.19
600	13.74	22.67	8.93
700	14.88	24.55	9.67
800	16.02	26.43	10.41
900	17.16	28.31	11.15
1,000	18.30	30.19	11.89
1,100	19.44	32.07	12.63
1,200	20.58	33.95	13.37
1,300	21.72	35.83	14.11
1,400	22.86	37.71	14.85
1,500	24.00	39.59	15.59
1,600	24.99	41.22	16.23
1,700	25.98	42.85	16.87
1,800	26.97	44.48	17.51
1,900	27.96	46.11	18.15
2,000	28.95	47.74	18.79

**VINCENNES MUNICIPAL WATER UTILITY**  
Vincennes, Indiana

Typical Monthly Bill Analysis  
Outside City - 5/8" or 3/4" Meter Size

<u>Cubic Feet</u>	<u>Present Charge</u>	<u>Proposed Charge</u>	<u>Difference</u>
0	\$ 10.35	\$ 17.08	\$ 6.73
100	12.06	19.90	7.84
200	13.77	22.72	8.95
300	15.48	25.54	10.06
400	17.19	28.36	11.17
500	18.90	31.18	12.28
600	20.61	34.00	13.39
700	22.32	36.82	14.50
800	24.03	39.64	15.61
900	25.74	42.46	16.72
1,000	27.45	45.28	17.83
1,100	29.16	48.10	18.94
1,200	30.87	50.92	20.05
1,300	32.58	53.74	21.16
1,400	34.29	56.56	22.27
1,500	36.00	59.38	23.38
1,600	37.49	61.84	24.35
1,700	38.98	64.30	25.32
1,800	40.47	66.76	26.29
1,900	41.96	69.22	27.26
2,000	43.45	71.68	28.23





# Rate and Financing Report Vincennes Municipal Sewage Works Vincennes, Indiana

As of March 16, 2016



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## Purpose of the Report

Crowe Horwath LLP has performed a study and analysis of the operating and financial reports, budgets and other data pertaining to the Vincennes Municipal Sewage Works ("Utility"). The results of our analysis are contained in this Rate and Financing Report ("Report").

The purpose of the Report is to estimate the Utility's cash flow and financial capacity to meet its on-going revenue requirements for operation and maintenance expenses, taxes other than income taxes, present and proposed debt service payments, and to make capital improvements to the Utility's system. This Report is based on data for the twelve months ended June 30, 2015. The historical information used in this Report was taken from the books and records of the Utility.

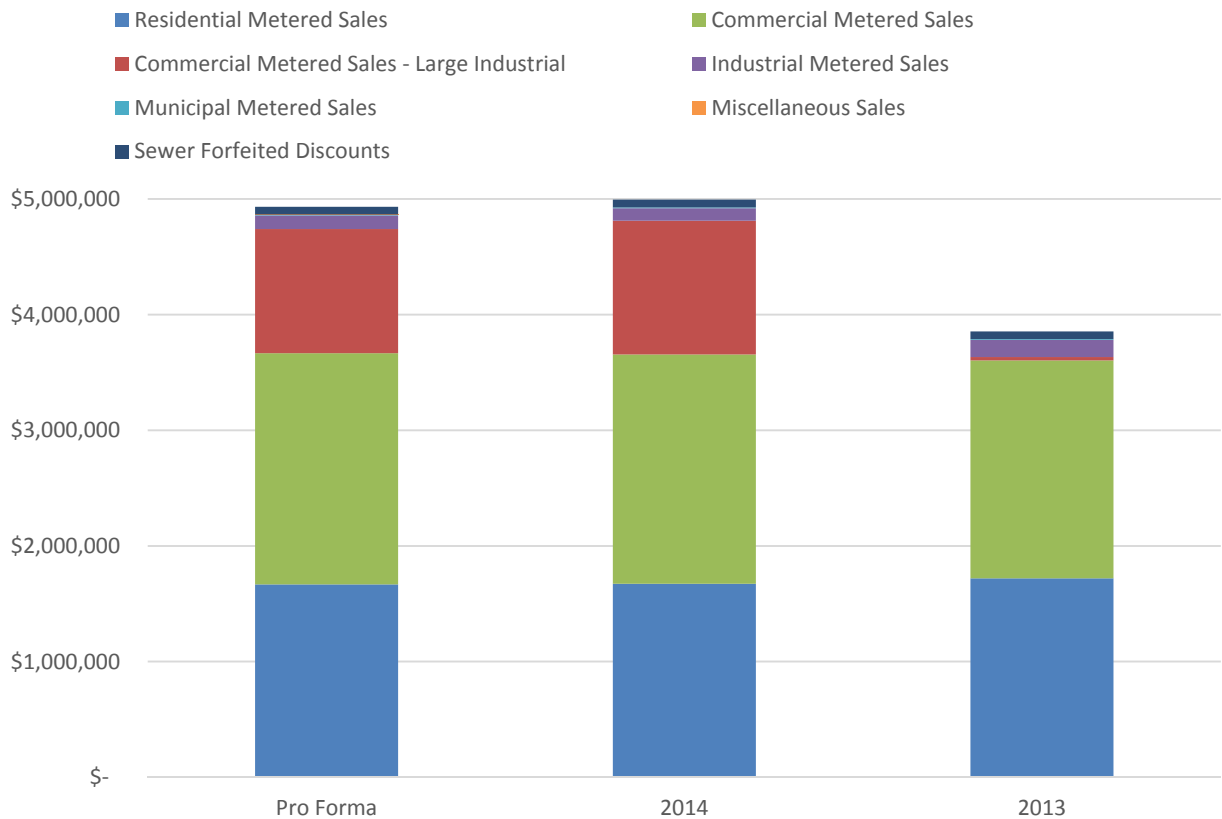
In the course of preparing this Report, we have not conducted an audit of any financial or supplemental data used in the accompanying Exhibits and Schedules. We have made certain projections that may vary from actual results because events and circumstances frequently do not occur as estimated and such variances may be material. We have no responsibility to update this Report for events and circumstances occurring after the date of this Report.

If you have any questions regarding this Report, please call John Skomp at (317) 269-6699 or Jennifer Wilson at (317) 269-6696.

# Operating Revenue Analysis

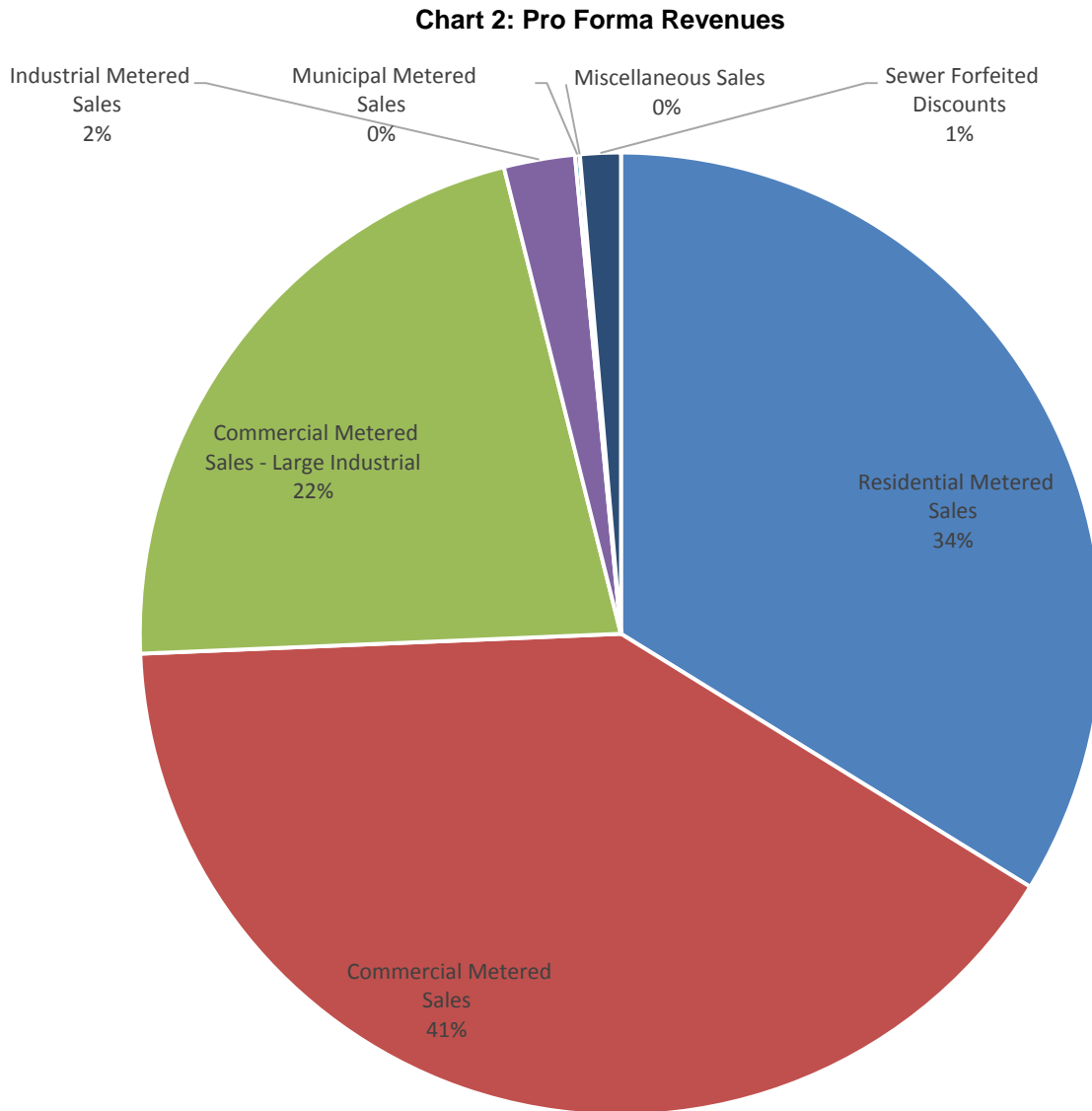
Total revenues for the Utility include Sewer Metered Sales and Stormwater Sales. The analysis in this Report excludes Stormwater Sales and Stormwater Expenses. The Pro Forma Revenues are revenues from the year ended June 30, 2015. As can be seen below, Residential Metered Sales and Industrial Metered Sales have decreased slightly over the past three years countered by additional revenues provided by a new Large Industrial Customer (“New Customer”). See Exhibit C and D in Appendix A for additional detail.

**Chart 1: Historical 2013 to 2014 and Pro Forma Revenues**



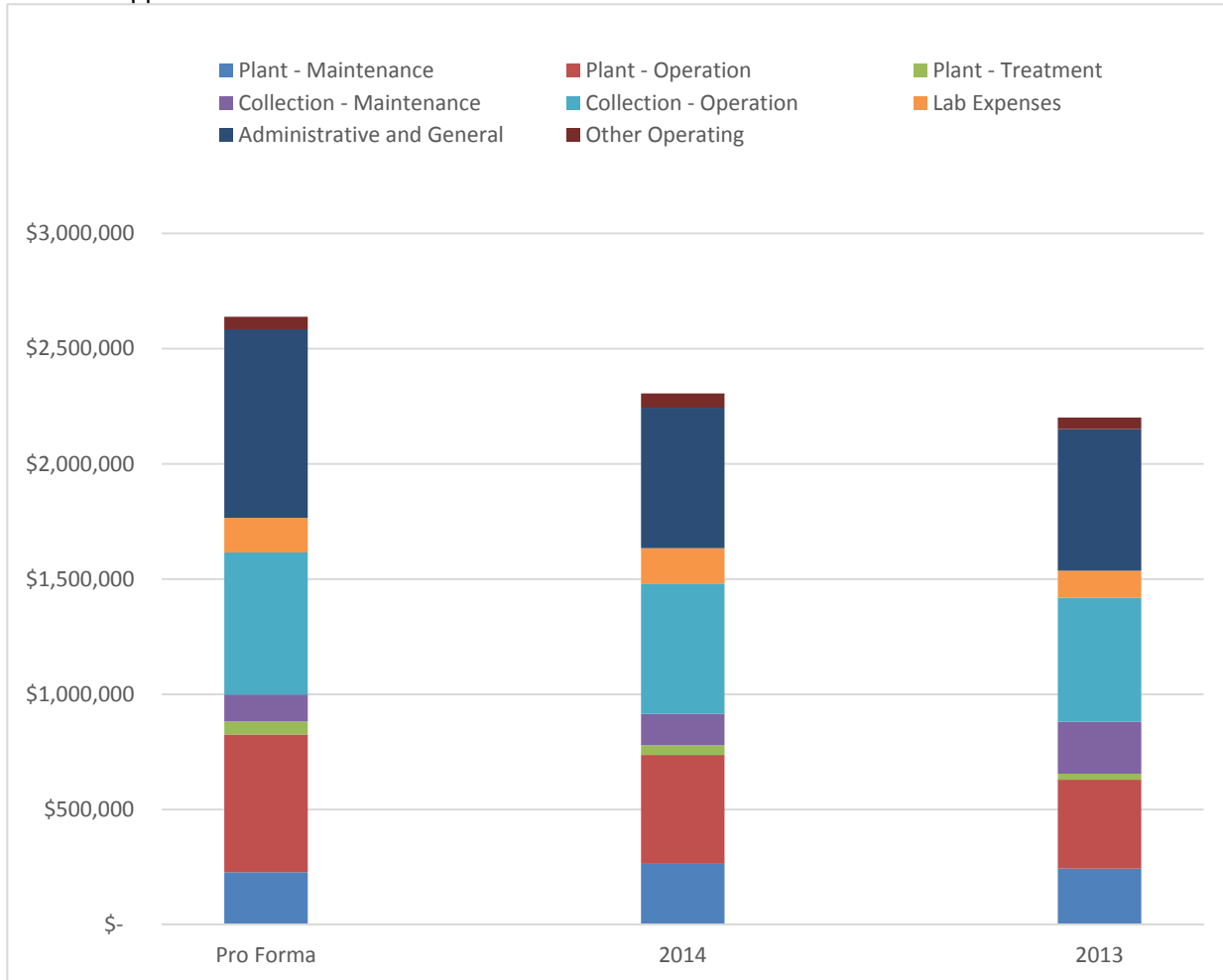
	<u>Pro Forma</u>	<u>2014</u>	<u>2013</u>
Residential Metered Sales	\$ 1,667,716	\$ 1,672,339	\$ 1,719,309
Commercial Metered Sales	1,999,081	1,983,504	1,884,593
Commercial Metered Sales - Large Industrial	1,072,522	1,156,007	28,519
Industrial Metered Sales	117,874	108,091	149,145
Municipal Metered Sales	7,878	6,822	6,240
Miscellaneous Sales	42	-	-
Sewer Forfeited Discounts	67,298	67,298	66,944
<b>Totals</b>	<b>\$ 4,932,411</b>	<b>\$ 4,994,061</b>	<b>\$ 3,854,750</b>

**Chart 2**, below provides a pictorial representation of the percentage of revenues by class of revenue for Pro Forma Revenues. As can be seen, Commercial Metered Sales comprise a total of forty-one (41%) of the total revenues, not including additional revenue of twenty-two percent (22%) from the New Customer. Residential Metered Sales is thirty-four (34%) of the total revenues.



## Operating Expenses Analysis

**Chart 3**, below shows the historical disbursements for 2013 through 2014 as well as the Pro Forma Expenses. Pro Forma expenses represent the test year ending June 30, 2015, adjusted for estimated increases in salaries and wages and related payroll expenses, increase in the payment to the Vincennes Water Utility for shared services, and the removal of non-recurring expenses. See Exhibit C and D in Appendix A for additional detail.

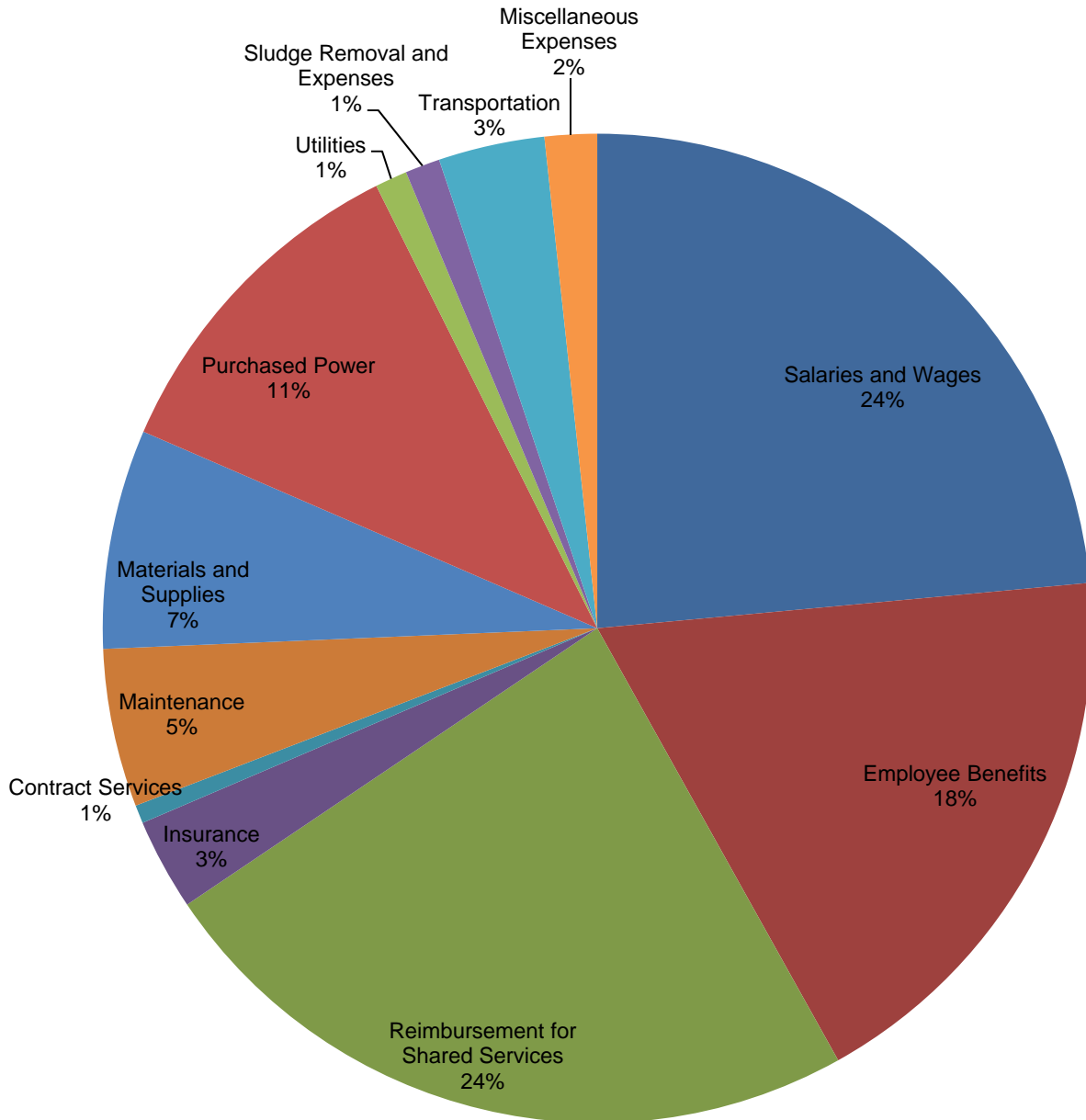


**Chart 3: Historical 2013 to 2014 and Pro Forma Expenses**

	<u>Pro Forma</u>	<u>2014</u>	<u>2013</u>
Plant - Maintenance	\$ 227,806	\$ 264,303	\$ 243,385
Plant - Operation	597,631	472,774	385,922
Plant - Treatment	56,667	42,089	26,506
Collection - Maintenance	117,521	136,250	225,795
Collection - Operation	616,225	565,052	537,221
Lab Expenses	149,915	153,711	117,974
Administrative and General	818,618	609,487	614,258
Other Operating	54,242	62,202	50,260
<b>Total Operating</b>	<b>\$2,638,625</b>	<b>\$2,305,868</b>	<b>\$ 2,201,321</b>

**Chart 4**, below shows the Pro Forma operation and maintenance expenses of \$2,648,922. As can be seen, the largest expenses of the Utility are Salaries and Wages, Employee Benefits, and Reimbursement for Shared Services. The expenses of the Water Utility are billed to the Sewage Works for shared services.

**Chart 4: Pro Forma Operating Expenses**

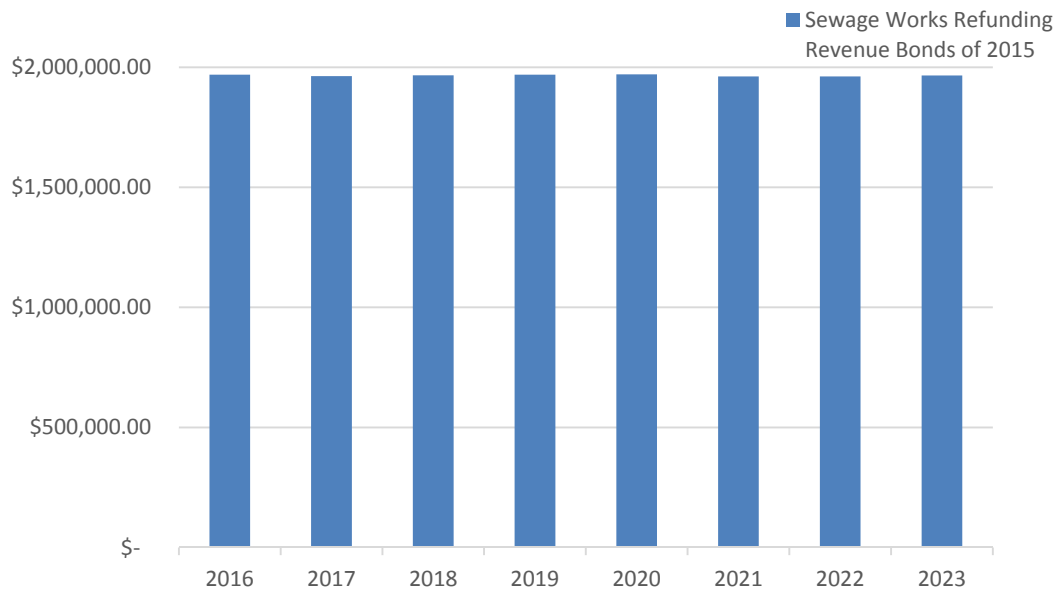


Salaries and Wages	\$ 574,154
Employee Benefits	412,922
Reimbursement for Shared Services	676,788
Insurance	78,228
Contract Services	2,444
Maintenance	133,435
Materials and Supplies	234,733
Purchased Power	308,279
Utilities	26,273
Sludge Removal and Expenses	41,331
Transportation	81,179
Miscellaneous Expenses	<u>79,156</u>
 Total Operation and Maintenance Expenses	 <u>\$ 2,648,922</u>

## Outstanding Debt Service

**Chart 5**, below, shows the annual principal and interest payments for the Sewage Works Refunding Revenue Bonds of 2015 (“2015 Bonds”). The annual debt service is level at approximately \$1,965,000 per year until the year 2023 at which time the 2015 Bonds mature. See Schedule A-2 in Appendix A for additional detail.

**Chart 5: Current Annual Debt Service**





## Proposed Sewage Works Revenue Bonds, Series 2016

The Utility is proposing new debt to be issues in 2016 ("2016 Bonds") for the purpose of repaying the redevelopment commission for construction costs associated with the New Customer and the retrofit of the system with automatic reading meters. The Net Interest Rate for the 2016 Bonds is estimated to be 3.63% and the estimated annual debt service is estimated at approximately \$590,000 until January 1, 2024. The bond payment increases to \$2.5 million in the years 2024 through 2026 to take advantage of the retirement of the 2015 Bonds. See Exhibit G in Appendix A for additional detail. Below is the estimated sources and uses:

### Estimated Sources and Uses

Sources of Funds:	
Par Amount	\$ 9,255,000
	<u>9,255,000</u>
Total Sources of Funds	<u>\$ 9,255,000</u>
Uses of Funds:	
Phosphorous Removal Upgrades	\$ 4,000,000
Redevelopment Payoff	2,500,000
Automatic Meter Reading	1,000,000
Contingency	500,000
Debt Service Reserve	925,500
Underwriter's Discount	92,550
Cost of Issuance	228,206
Rounding	8,744
	<u>8,744</u>
Total Uses of Funds	<u>\$ 9,255,000</u>

## Fund Balance Requirements

The Utility is required to maintain certain fund balances as directed by the bond ordinance for the 2015 Bonds. The operation and maintenance fund should maintain a balance of two months of operation and maintenance expenses and taxes other than income taxes. The bond and interest fund is required to be funded on a monthly basis at one-sixth (1/6) of the following semi-annual principal and interest payment. The debt service reserve is required to be funded at the maximum annual debt service for all outstanding debt. The only fund balance not currently meeting requirements is the Operating Fund Balance. See Exhibit B in Appendix A for additional detail.

Minimum Required Balance	\$ 512,482
Compare to Net Current Operating Fund Balance	\$ 151,124
Difference	<u>\$ (361,358)</u>

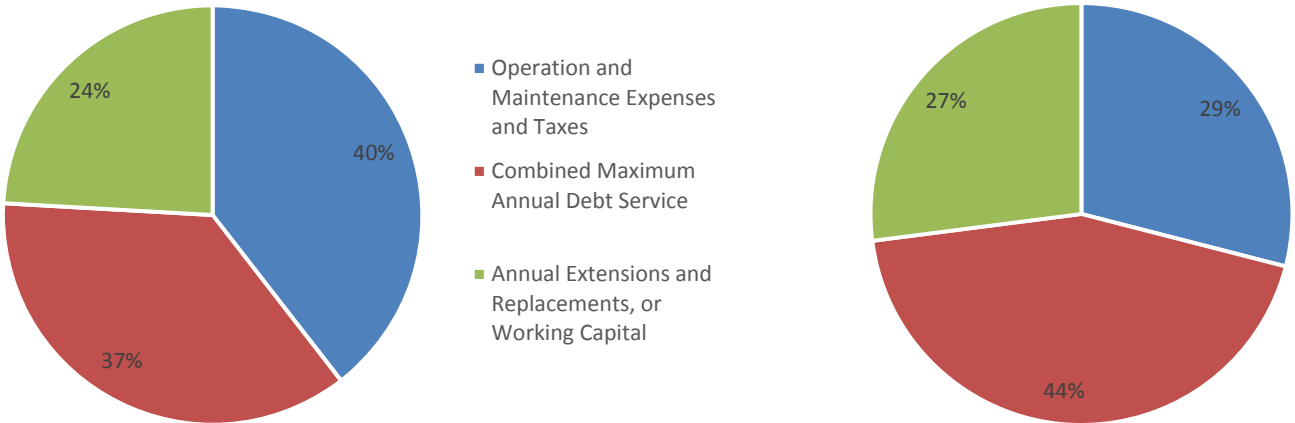
## Proposed Rate Increase

The following is the calculation of the projected deficit of \$2,023,752 and the recommended rate increase of forty-two percent (42%). The Other Operating Revenue used is comprised of forfeited discounts. See Exhibit I in Appendix A for additional detail.

	<u>Revenue Requirement</u>
Adjusted Operation and Maintenance Expenses (Exhibit D)	\$ 2,648,922
Adjusted Taxes Other Than Income Taxes (Exhibit D)	56,580
Capital Lease Payment (Schedule A-3)	26,475
Estimated Combined Maximum Annual Debt Service (Exhibit G)	2,557,217
Estimated Annual Extensions and Replacements (Depreciation Expense)	1,486,290
Annual Working Capital (A)	<u>180,679</u>
Total Revenue Requirements	6,956,163
Less: Operating Revenues (Exhibit D)	<u>(4,932,411)</u>
Deficit Revenues	(2,023,752)
Divide by: Adjustable Operating Revenues (Exhibit D)	<u>4,865,113</u>
Percentage Rate Increase Required	<u><u>42%</u></u>

## Comparison of Current Revenue Requirements to 2002 Revenue Requirements

The following graphs depict the percentage of each component of the revenue requirements for the proposed rate increase compared to the prior rate increase in 2002.



	<u>ProForma</u>	<u>2002</u>
Operation and Maintenance Expenses and Taxes	\$ 2,705,502	\$ 1,536,952
Combined Maximum Annual Debt Service	2,557,217	2,384,119
Annual Extensions and Replacements, or Working Capital	<u>1,693,444</u>	<u>1,432,678</u>
<b>Total Revenue Requirements</b>	<b><u>\$ 6,956,163</u></b>	<b><u>\$ 5,353,749</u></b>

As can be seen, all three items increased. In 2002, the largest portion of the operation and maintenance expenses and taxes was the operating contract with EMC. In 2002, EMC costs were \$1,034,869 of the total operation and maintenance expenses and taxes. As was discussed on page 5, the largest percentage of the Pro Forma operation and maintenance expenses were due to Salaries and Wages, Employee Benefits, and Reimbursement for Shared Services.

## Rate Increase Effect on Rate Structure and Typical Monthly Bill Analysis

The current rate structure for inside city limits is a monthly user charge of \$4.39 per 100 cubic feet (ccf), with a base monthly charge by meter size with 5/8 - 3/4 inch meter charge at \$4.22. The current rate structure for outside city limits is a monthly user charge of \$6.59 per 100 ccf, with a base monthly charge by meter size with 5/8 - 3/4 inch meter charge at \$6.33. The current rates have been in effect for almost fourteen years since they passed in March of 2002.

A forty-two percent increase (42%) would increase the Inside City user charge to \$6.23 per 100 ccf, with a base monthly charge by meter size with 5/8 - 3/4 inch meter charge at \$5.99. The Outside User charge would be \$9.36 per 100 ccf, with a base monthly charge by meter size with 5/8 inch - 3/4 inch meter charge at \$8.99. See Exhibit I of the appendices for additional detail.

The following table details the monthly effect the rate increase would have on a small user (user of up to 200 cubic feet) and an average user of 700 cubic feet.

<u>Monthly Usage</u>	<u>Monthly Current Charge</u>	<u>42% Proposed Charge</u>	<u>Difference</u>
<u>Inside City</u>			
Small User 200 Cubic Feet	\$ 13.00	\$ 18.45	\$ 5.45
Average User 700 Cubic Feet	34.95	49.60	14.65
<u>Outside City</u>			
Small User 200 Cubic Feet	\$ 19.51	\$ 27.71	\$ 8.20
Average User 700 Cubic Feet	52.46	74.51	22.05

## Impact of the New Customer on Sewer Rates

By not including the current additional revenue from the New Customer of \$1,072,522, the projected rate increase necessary to cover current expenses would be eighty-two percent (82%) compared to the suggested forty-two percent (42%).

## Appendix A: Supporting Financial Statements

**VINCENNES MUNICIPAL SEWAGE WORKS**

Vincennes, Indiana

Balance Sheets as of June 30, 2015, December 31, 2014, and 2013

<b>ASSETS AND OTHER DEBITS</b>	June 30, <u>2015</u>	December 31, <u>2014</u>	December 31, <u>2013</u>
<u>Utility Plant</u>			
Utility Plant in Service	\$ 55,773,884	\$ 55,489,663	\$ 53,643,562
Less: Accumulated Depreciation	<u>(18,050,016)</u>	<u>(17,302,865)</u>	<u>(16,019,435)</u>
Net Utility Plant in Service	37,723,868	38,186,798	37,624,127
Add: Construction Work in Progress	90,144	73,922	1,275,499
Net Utility Plant	<u>37,814,012</u>	<u>38,260,720</u>	<u>38,899,626</u>
<u>Restricted Assets</u>			
Bond and Interest Account	107,844	-	-
Sewer Improvement Account	222	445	30,192
Stormwater Improvement Account	40,612	95,774	52,208
Construction Fund	66,667	-	116,300
Total Restricted Assets	<u>215,345</u>	<u>96,219</u>	<u>198,700</u>
<u>Current and Accrued Assets</u>			
Operating Fund	151,124	84,872	118,661
Accounts Receivable - Sewer - Net	225,518	257,445	232,230
Accounts Receivable - Stormwater - Net	115,832	107,640	117,675
Inventory	33,494	32,341	23,941
Prepaid Insurance	7,297	-	-
Total Current and Accrued Assets	<u>533,265</u>	<u>482,298</u>	<u>492,507</u>
<u>Deferred Debits</u>			
Miscellaneous Deferred Debits	<u>29,617</u>	<u>-</u>	<u>1,298</u>
Total Assets and Other Debits	<u>\$ 38,592,239</u>	<u>\$ 38,839,237</u>	<u>\$ 39,592,131</u>

**VINCENNES MUNICIPAL SEWAGE WORKS**

Vincennes, Indiana

Balance Sheets as of June 30, 2015, December 31, 2014, and 2013

<b>LIABILITIES AND OTHER CREDITS</b>	June 30, <u>2015</u>	December 31, <u>2014</u>	December 31, <u>2013</u>
<u>Equity Capital</u>			
Retained Earnings	\$ 17,775,464	\$ 16,760,238	\$ 16,367,586
Current Year Earnings	(128,319)	1,015,226	392,652
Total Equity Capital	<u>17,647,145</u>	<u>17,775,464</u>	<u>16,760,238</u>
<u>Long-Term Debt</u>			
1998 Revenue Bonds	-	-	185,000
2002 SRF Loan	-	14,793,298	16,457,323
2015 Refunding Bonds	14,955,000	-	-
Capital Lease	153,487	153,487	174,467
Total Long-Term Debt	<u>15,108,487</u>	<u>14,946,785</u>	<u>16,816,790</u>
<u>Current and Accrued Liabilities</u>			
Accounts Payable	-	57,687	126,729
Compensated Absences Payable	26,247	26,247	24,505
Accrued Compensation	2,500	-	-
Accrued Taxes	152	-	-
Payroll Deductions	345	4,117	2,221
Short Term Debt - Bond Anticipation Note	600,000	1,000,000	1,000,000
Interest Payable	26,416	11,600	-
Capital Lease Interest Payable	4,835	2,417	2,748
Advances for Construction	97,573	97,573	120,353
Total Current and Accrued Liabilities	<u>758,068</u>	<u>1,199,641</u>	<u>1,276,556</u>
<u>Contributions in Aid of Construction</u>	<u>5,078,539</u>	<u>4,917,347</u>	<u>4,738,547</u>
Total Liabilities and Other Credits	<u>\$ 38,592,239</u>	<u>\$ 38,839,237</u>	<u>\$ 39,592,131</u>

**VINCENNES MUNICIPAL SEWAGE WORKS**  
 Vincennes, Indiana

Sewage Works Bond Anticipation Note (BAN) of 2015  
 Amortization Schedule

<u>Date</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Period Total</u>
1/1/16			\$ 6,000	
3/1/16	<u>\$ 600,000</u>	2.00 %	<u>2,000</u>	\$ 608,000
Totals	<u>\$ 600,000</u>		<u>\$ 8,000</u>	



**VINCENNES MUNICIPAL SEWAGE WORKS**

Vincennes, Indiana

Sewage Works Refunding Revenue Bonds of 2015  
Amortization Schedule

<u>Date</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Period Total</u>	<u>Fiscal Total</u>
1/1/16	\$ 570,000	2.14 %	\$ 184,910	\$ 754,910	\$ 754,910
7/1/16	830,000	2.14	153,920	983,920	
1/1/17	840,000	2.14	145,039	985,039	1,968,959
7/1/17	845,000	2.14	136,051	981,051	
1/1/18	855,000	2.14	127,009	982,009	1,963,060
7/1/18	865,000	2.14	117,861	982,861	
1/1/19	875,000	2.14	108,605	983,605	1,966,466
7/1/19	885,000	2.14	99,243	984,243	
1/1/20	895,000	2.14	89,773	984,773	1,969,016
7/1/20	905,000	2.14	80,197	985,197	
1/1/21	915,000	2.14	70,513	985,513	1,970,710
7/1/21	920,000	2.14	60,723	980,723	
1/1/22	930,000	2.14	50,879	980,879	1,961,602
7/1/22	940,000	2.14	40,928	980,928	
1/1/23	950,000	2.14	30,870	980,870	1,961,798
7/1/23	960,000	2.14	20,705	980,705	
1/1/24	<u>975,000</u>	2.14	<u>10,433</u>	<u>985,433</u>	1,966,138
Totals	<u>\$14,955,000</u>		<u>\$1,527,659</u>	<u>\$16,482,659</u>	

Note: The Debt Service Reserve was funded with a surety policy with Build America Mutual Assurance Company (BAM).

**VINCENNES MUNICIPAL SEWAGE WORKS**

Vincennes, Indiana

Capital Lease  
Amortization Schedule

<u>Date</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Period Total</u>
7/06/15	\$ 21,640	3.15 %	\$ 4,835	\$ 26,475
7/06/16	<u>131,847</u>	3.15	<u>4,153</u>	<u>136,000</u>
Totals	<u>\$ 153,487</u>		<u>\$ 8,988</u>	<u>\$ 162,475</u>

Note: The capital lease is for a Vactor Combination Sewer Cleaner vehicle.  
Buy-back is guaranteed at the end of the lease for \$136,000.

**VINCENNES MUNICIPAL SEWAGE WORKS**

Vincennes, Indiana

Statement of Fund Balances as of June 30, 2015  
and Calculation of Required Fund Balances

Operating Fund - Sewer	\$ 151,124
Sewer Improvement Account	222
Bond and Interest Account	<u>107,844</u>
Total Cash and Investments	<u><u>\$ 259,190</u></u>

**Operating Fund**Calculation of Required Operating Fund Balance

Adjusted Operation and Maintenance Expenses (Exhibit D)	\$ 2,648,922
Adjusted Taxes Other Than Income Taxes (Exhibit D)	56,580
Add: Stormwater Expenses Removed in Adjustments	<u>369,386</u>
Subtotal	3,074,888
Divide by: Twelve Months	<u>12</u>
Monthly Operation and Maintenance Expenses and Taxes Other Than Income Taxes	256,241
Times: Two Months	<u>2</u>

Minimum Required Balance	<u><u>\$ 512,482</u></u>
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<u>Compare to Net Current Operating Fund Balance</u>	<u><u>\$ 151,124</u></u>
------------------------------------------------------	--------------------------

Difference	<u><u>\$ (361,358)</u></u>
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**Sinking Funds**Calculation of Required Bond and Interest Fund Balance

2015 Refunding Bonds Principal and Interest Payment due January 1, 2016 (Schedule A-2)	\$ 754,910
Divide by: Number of Months to Accumulate Payment	<u>7</u>

Monthly Transfer for Principal and Interest Payment	<u><u>\$ 107,844</u></u>
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<u>Compare to Bond and Interest Fund Balance</u>	<u><u>\$ 107,844</u></u>
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Difference	<u><u>\$ -</u></u>
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**VINCENNES MUNICIPAL SEWAGE WORKS**

Vincennes, Indiana

Statements of Income for the Twelve Months Ended  
June 30, 2015, December 31, 2014, and 2013

	June 30, <u>2015</u>	December 31, <u>2014</u>	December 31, <u>2013</u>
<u>Operating Revenues</u>			
Residential Metered Sales	\$1,667,716	\$1,672,339	\$1,719,309
Commercial Metered Sales	1,999,081	1,983,504	1,884,593
Commercial Metered Sales - Large Industrial	1,072,522	1,156,007	28,519
Industrial Metered Sales	117,874	108,091	149,145
Municipal Metered Sales	7,878	6,822	6,240
Miscellaneous Sales	42	-	-
Sewer Forfeited Discounts	67,298	67,298	66,944
Stormwater Sales	647,368	656,215	969,805
Stormwater Forfeited Discounts	4,218	4,218	19,471
Total Operating Revenues	<u>5,583,997</u>	<u>5,654,494</u>	<u>4,844,026</u>
<u>Operating Expenses</u>			
<u>Operation and Maintenance Expenses</u>			
Plant - Maintenance	224,898	264,303	243,385
Plant - Operation	593,461	472,774	385,922
Plant - Treatment	56,667	42,089	26,506
Collection - Maintenance	117,053	136,250	225,795
Collection - Operation	608,951	565,052	537,221
Stormwater Expenses	369,386	332,607	330,481
Lab Expenses	148,769	153,711	117,974
Administrative and General	817,861	609,487	614,258
Other Operating	54,242	62,202	50,260
Total Operation and Maintenance Expenses	<u>2,991,288</u>	<u>2,638,475</u>	<u>2,531,802</u>
Depreciation Expense	<u>1,486,290</u>	<u>1,444,539</u>	<u>1,390,297</u>
Amortization Expense	<u>-</u>	<u>1,298</u>	<u>6,262</u>
<u>Taxes Other Than Income Taxes</u>			
FICA Taxes	53,606	52,744	50,987
State Unemployment	1,884	1,807	1,663
Total Taxes Other Than Income Taxes	<u>55,490</u>	<u>54,551</u>	<u>52,650</u>
Total Operating Expenses	<u>4,533,068</u>	<u>4,138,863</u>	<u>3,981,011</u>
Net Operating Income	<u>1,050,929</u>	<u>1,515,631</u>	<u>863,015</u>

**VINCENNES MUNICIPAL SEWAGE WORKS**

Vincennes, Indiana

Statements of Income for the Twelve Months Ended  
June 30, 2015, December 31, 2014, and 2013

	June 30, <u>2015</u>	December 31, <u>2014</u>	December 31, <u>2013</u>
<u>Other Income</u>			
Tap In Fees	\$ 11,680	\$ 13,000	\$ 16,270
Dumping Fees	31,750	29,000	30,600
Federal FEMA Recovery	-	-	7,333
Interest Income	1,080	1,080	1,875
Other Gains	-	8,976	6,330
Miscellaneous Income	23,297	11,564	142,743
Total Other Income	<u>67,807</u>	<u>63,620</u>	<u>205,151</u>
<u>Other Expenses</u>			
Bond Expense - Other	228,058	-	-
Interest Expense	574,147	564,025	675,514
Total Other Expenses	<u>802,205</u>	<u>564,025</u>	<u>675,514</u>
Net Income	<u>\$ 316,531</u>	<u>\$ 1,015,226</u>	<u>\$ 392,652</u>

## VINCENNES MUNICIPAL SEWAGE WORKS

Vincennes, Indiana

### Adjusted Statement of Income

	<u>June 30,</u> <u>2015</u>	<u>Adjustments</u> <u>Amount</u>	<u>Ref.</u>	<u>Adjusted</u>
<u>Operating Revenues</u>				
Residential Metered Sales	\$1,667,716			\$1,667,716
Commercial Metered Sales	1,999,081			1,999,081
Commercial Metered				
Sales - Farbest Foods, Inc.	1,072,522			1,072,522
Industrial Metered Sales	117,874			117,874
Municipal Metered Sales	7,878			7,878
Miscellaneous Sales	42			42
Sewer Forfeited Discounts	67,298			67,298
Stormwater Sales	647,368	\$ (647,368)	(1)	-
Stormwater Forfeited Discounts	4,218	(4,218)	(2)	-
Total Operating Revenues	<u>5,583,997</u>	<u>(651,586)</u>		<u>4,932,411</u>
<u>Operating Expenses</u>				
Operation and Maintenance Expenses	2,991,288	(369,386)	(3)	2,648,922
		170,644	(4)	
		16,723	(5)	
		2,577	(6)	
		(162,924)	(7)	
Depreciation Expense	1,486,290			1,486,290
Taxes Other Than Income Taxes	55,490	1,090	(8)	56,580
Total Operating Expenses	<u>4,533,068</u>	<u>(341,276)</u>		<u>4,191,792</u>
Net Operating Income	<u>\$1,050,929</u>	<u>\$ (310,310)</u>		<u>\$ 740,619</u>

**VINCENNES MUNICIPAL SEWAGE WORKS**

Vincennes, Indiana

Detail of Adjustments

	(1)	
To adjust "Stormwater Sales" to remove Stormwater Revenues.		
Adjustment - Decrease		<u>\$ (647,368)</u>
	(2)	
To adjust "Stormwater Forfeited Discounts" to remove Stormwater Revenues.		
Adjustment - Decrease		<u>\$ (4,218)</u>
	(3)	
To adjust "Operation and Maintenance Expenses" to remove Stormwater Expenses.		
Adjustment - Decrease		<u>\$ (369,386)</u>
	(4)	
To adjust "Operation and Maintenance Expenses" to reinstate the full transfer to the Vincennes Municipal Water Utility for shared services.		
Allocated Sewer Non-Operating Expenses		\$ 586,989
Add: Estimated Salary Increase for Allocated Salary and Wages		8,061
Add: Estimated FICA Increase for Allocated Salary and Wages		617
Less: Test Year Sewer Billing Reimbursement		<u>(425,023)</u>
Adjustment - Increase		<u>\$ 170,644</u>
	(5)	
To adjust "Operation and Maintenance Expenses" for the increase in Salaries and Wages (excluding Stormwater).		
Pro Forma Salaries and Wages (Excluding Stormwater)		\$ 574,154
Less: Test Year		<u>(557,431)</u>
Adjustment - Increase		<u>\$ 16,723</u>

**VINCENNES MUNICIPAL SEWAGE WORKS**

Vincennes, Indiana

Detail of Adjustments

(6)

To adjust "Operation and Maintenance Expenses" for the increase in PERF Expense.

Pro Forma Salaries and Wages (Excluding Stormwater)	\$ 574,154
Times: PERF Contribution Rate	<u>14.2%</u>
Pro Forma PERF Expense (Excluding Stormwater)	81,530
Less: Test Year (Excluding Stormwater)	<u>(78,953)</u>
Adjustment - Increase	<u><u>\$ 2,577</u></u>

(7)

To adjust "Operation and Maintenance Expenses" for the removal of non-reoccurring expenses.

<u>Vendor</u>	<u>Description</u>	<u>Amount</u>
Crowe Horwath	Municipal Advisory Services	\$ 36,679
Bingham Greenebaum Doll	Bond Counsel Services	26,245
KCDC	Payment on Outstanding Debt	<u>100,000</u>
Adjustment - Decrease		<u><u>\$(162,924)</u></u>

(8)

To adjust "Taxes Other Than Income Taxes" for the estimated change in FICA tax due to the change in salaries and wages.

Pro Forma Salaries and Wages (Excluding Stormwater)	\$ 574,154
Times: FICA Rate	<u>7.65%</u>
Proforma FICA Expense (Excluding Stormwater)	43,923
Less: Test Year (Excluding Stormwater)	<u>(42,833)</u>
Adjustment - Increase	<u><u>\$ 1,090</u></u>



**VINCENNES MUNICIPAL SEWAGE WORKS**

Vincennes, Indiana

Proposed Sewage Works Revenue Bonds of 2016  
Estimated Sources and Uses of FundsSources of Funds:

Par Amount	<u>\$ 9,255,000</u>
 Total Sources of Funds	 <u><u>\$ 9,255,000</u></u>

Uses of Funds:

Phosphorous Removal Upgrades	\$ 4,000,000
Redevelopment Payoff	2,500,000
Automatic Meter Reading	1,000,000
Contingency	500,000
Debt Service Reserve	925,500
Underwriter's Discount	92,550
Cost of Issuance	
Insurance	108,206
Rating	20,000
Bond Counsel	40,000
Local Counsel	20,000
Financial Advisor	38,000
Registrar and Paying Agent	1,000
Electronic Sale	1,000
Rounding	<u>8,744</u>
 Total Uses of Funds	 <u><u>\$ 9,255,000</u></u>

**VINCENNES MUNICIPAL SEWAGE WORKS**

Vincennes, Indiana

Proposed Sewage Works Revenue Bonds of 2016  
Estimated Amortization Schedule

<u>Date</u>	<u>Principal</u>	<u>Coupon (1)</u>	<u>Interest</u>	<u>Period Total</u>	<u>Fiscal Total</u>
7/1/16			\$ 104,295	\$ 104,295	
1/1/17			156,443	156,443	\$ 260,738
7/1/17	\$ 140,000	1.75 %	156,443	296,443	
1/1/18	140,000	1.75	155,218	295,218	591,661
7/1/18	140,000	2.05	153,993	293,993	
1/1/19	140,000	2.05	152,558	292,558	586,551
7/1/19	140,000	2.35	151,123	291,123	
1/1/20	145,000	2.35	149,478	294,478	585,601
7/1/20	145,000	2.65	147,774	292,774	
1/1/21	145,000	2.65	145,853	290,853	583,627
7/1/21	155,000	2.90	143,931	298,931	
1/1/22	155,000	2.90	141,684	296,684	595,615
7/1/22	155,000	3.10	139,436	294,436	
1/1/23	160,000	3.10	137,034	297,034	591,470
7/1/23	160,000	3.30	134,554	294,554	
1/1/24	160,000	3.30	131,914	291,914	586,468
7/1/24	1,145,000	3.45	129,274	1,274,274	
1/1/25	1,165,000	3.45	109,523	1,274,523	2,548,797
7/1/25	1,185,000	3.60	89,426	1,274,426	
1/1/26	1,205,000	3.60	68,096	1,273,096	2,547,522
7/1/26	1,225,000	3.75	46,406	1,271,406	
1/1/27	<u>1,250,000</u>	3.75	<u>23,438</u>	<u>1,273,438</u>	2,544,844
Totals	<u>\$ 9,255,000</u>		<u>\$ 2,767,894</u>	<u>\$ 12,022,894</u>	

(1) Assumes current "A" interest rates plus one hundred (100) basis points as of October 1, 2015.  
Estimated Net Interest Cost (NIC) is 3.63%. Rates are estimated and subject to change.

**VINCENNES MUNICIPAL SEWAGE WORKS**

Vincennes, Indiana

## Estimated Combined Amortization Schedule

<u>Year</u>	<u>Refunding</u> <u>2015 Bonds</u>	<u>Proposed</u> <u>2016 Bonds</u>	<u>Total</u>
2015	\$ 754,910		\$ 754,910
2016	1,968,959	\$ 260,738	2,229,697
2017	1,963,060	591,661	2,554,721
2018	1,966,466	586,551	2,553,017
2019	1,969,016	585,601	2,554,617
2020	1,970,710	583,627	2,554,337
2021	1,961,602	595,615	2,557,217
2022	1,961,798	591,470	2,553,268
2023	1,966,138	586,468	2,552,606
2024		2,548,797	2,548,797
2025		2,547,522	2,547,522
2026		2,544,844	2,544,844
Totals	<u>\$ 16,482,659</u>	<u>\$ 12,022,894</u>	<u>\$ 28,505,553</u>
Estimated Combined Maximum Annual Debt Service			<u>\$ 2,557,217</u>

**VINCENNES MUNICIPAL SEWAGE WORKS**

Vincennes, Indiana

## Statement of Revenue Requirements

Adjusted Operation and Maintenance Expenses (Exhibit D)	\$ 2,648,922
Adjusted Taxes Other Than Income Taxes (Exhibit D)	56,580
Capital Lease Payment (Schedule A-3)	26,475
Estimated Combined Maximum Annual Debt Service (Exhibit G)	2,557,217
Estimated Annual Extensions and Replacements (Depreciation Expense)	1,486,290
Annual Working Capital (A)	180,679
Total Revenue Requirements	<u>6,956,163</u>
Less: Operating Revenues (Exhibit D)	<u>(4,932,411)</u>
Deficit Revenues	(2,023,752)
Divide by: Adjustable Operating Revenues (Exhibit D)	<u>4,865,113</u>
Percentage Rate Increase Required	<u><u>42%</u></u>
 (A) <u>Calculation of Annual Working Capital Funding</u>	
Calculated Difference (Exhibit B)	\$ 361,358
Divide by: Number of Years to Fund	<u>2</u>
Annual Working Capital Funding	<u><u>\$ 180,679</u></u>

**VINCENNES MUNICIPAL SEWAGE WORKS**

Vincennes, Indiana

Schedule of Present and Proposed Rates and Charges

	Inside City	
	Present Rates (1)	Proposed Rates
<u>Metered Rates (per 100 cubic feet)</u>	\$ 4.39	\$ 6.23
<u>Base Charge per Month</u>		
5/8 Inch Meter	\$ 4.22	\$ 5.99
3/4 Inch Meter	4.22	5.99
1 Inch Meter	10.80	15.34
1 1/2 Inch Meter	24.31	34.52
2 Inch Meter	43.21	61.36
3 Inch Meter	97.23	138.07
4 Inch Meter	172.85	245.45
6 Inch Meter	388.92	552.27
<u>Unmetered Monthly User Rate</u>		
Any Unmetered Residential User	\$ 39.34	\$ 55.86
<u>Two or More Users on a Single Water Meter</u>		
Additional Charge for Each Dwelling Over One	\$ 4.90	\$ 6.96
<u>Stormwater Utility Fee (2)</u>		
Residential Property per ERU per month	\$ 3.00	\$ 3.00

Non Residential Property will be assessed on a monthly basis based on the impervious surface area of such property. The square footage of the impervious surface area shall be divided by 2,800 square feet (one (1) ERU).

(1) Present Rates and Charges were effective March 25, 2002.

(2) Stormwater Utility Fee was effective July 1, 2010, and is billed semi-annually.

**VINCENNES MUNICIPAL SEWAGE WORKS**

Vincennes, Indiana

Schedule of Present and Proposed Rates and Charges

			<u>Outside City</u>	
			<u>Present</u>	<u>Proposed</u>
			<u>Rates (1)</u>	<u>Rates</u>
<u>Consumption Per Month</u>				
<u>(Rates per Hundred Cubic Feet)</u>				
First	300,000	Cubic Feet	\$ 6.59	\$ 9.36
Over	300,000	Cubic Feet	4.39	6.23
 <u>Base Charge per Month</u>				
1/2	Inch	Meter	\$ 6.33	\$ 8.99
3/4	Inch	Meter	6.33	8.99
1	Inch	Meter	16.20	23.00
1 1/2	Inch	Meter	36.47	51.79
2	Inch	Meter	64.82	92.04
3	Inch	Meter	145.85	207.11
4	Inch	Meter	259.28	368.18
6	Inch	Meter	583.38	828.40
 <u>Unmetered Monthly User Rate</u>				
Any Unmetered Residential User			\$ 59.01	\$ 83.79
 <u>Two or More Users on a Single Water Meter</u>				
<u>Additional Charge for Each Dwelling</u>				
Over One			\$ 4.90	\$ 6.96

(1) Present Rates and Charges were effective March 25, 2002.

**VINCENNES MUNICIPAL SEWAGE WORKS**

Vincennes, Indiana

Typical Monthly Bill Analysis  
 Inside City - 5/8" or 3/4" Meter Size

<u>Cubic Feet</u>	<u>Present Charge</u>	<u>Proposed Charge</u>	<u>Difference</u>
0	\$ 4.22	\$ 5.99	\$ 1.77
100	8.61	12.22	3.61
200	13.00	18.45	5.45
300	17.39	24.68	7.29
400	21.78	30.91	9.13
500	26.17	37.14	10.97
600	30.56	43.37	12.81
700	34.95	49.60	14.65
800	39.34	55.83	16.49
900	43.73	62.06	18.33
1,000	48.12	68.29	20.17
1,100	52.51	74.52	22.01
1,200	56.90	80.75	23.85
1,300	61.29	86.98	25.69
1,400	65.68	93.21	27.53
1,500	70.07	99.44	29.37
1,600	74.46	105.67	31.21
1,700	78.85	111.90	33.05
1,800	83.24	118.13	34.89
1,900	87.63	124.36	36.73
2,000	92.02	130.59	38.57

**VINCENNES MUNICIPAL SEWAGE WORKS**

Vincennes, Indiana

Typical Monthly Bill Analysis  
 Outside City - 5/8" or 3/4" Meter Size

<u>Cubic Feet</u>	<u>Present Charge</u>	<u>Proposed Charge</u>	<u>Difference</u>
0	\$ 6.33	\$ 8.99	\$ 2.66
100	12.92	18.35	5.43
200	19.51	27.71	8.20
300	26.10	37.07	10.97
400	32.69	46.43	13.74
500	39.28	55.79	16.51
600	45.87	65.15	19.28
700	52.46	74.51	22.05
800	59.05	83.87	24.82
900	65.64	93.23	27.59
1,000	72.23	102.59	30.36
1,100	78.82	111.95	33.13
1,200	85.41	121.31	35.90
1,300	92.00	130.67	38.67
1,400	98.59	140.03	41.44
1,500	105.18	149.39	44.21
1,600	111.77	158.75	46.98
1,700	118.36	168.11	49.75
1,800	124.95	177.47	52.52
1,900	131.54	186.83	55.29
2,000	138.13	196.19	58.06



# VINCENNES MUNICIPAL UTILITIES

Vincennes, Indiana

## Survey of Combined Water and Sewer Rates Selected Indiana Cities and Towns

<u>City/Town</u>	<u>2010 Census Population</u>	<u>County</u>	<u>Residential 5/8" Meter Monthly Billing for 6.68 CCF or 5,000 Gallons</u>
Oakland City	2,429	Gibson	\$ 113.03
Huntingburg	6,057	Dubois	101.34
Fort Branch	2,771	Gibson	101.32
Bicknell	2,915	Knox	100.60
Terre Haute	60,785	Vigo	90.89
Sullivan	4,249	Sullivan	89.56
Washington	11,509	Daviess	86.88
Huntington	17,391	Huntington	86.42
Princeton	8,644	Gibson	80.74
Jasonville	2,222	Greene	77.92
Seymour	17,503	Jackson	74.59
Shelbyville	19,191	Shelby	73.48
<b>Vincennes - Proposed</b>	<b>18,423</b>	<b>Knox</b>	<b>71.56</b>
Jasper	15,038	DuBois	71.22
Petersburg	2,383	Pike	70.34
Indianapolis	820,445	Marion	69.77
Evansville	117,429	Vanderburgh	63.63
Linton	5,413	Greene	63.23
Bloomfield	2,405	Greene	61.59
Bloomington	80,405	Monroe	60.41
New Castle	18,114	Henry	53.75
Greenfield	20,602	Hancock	52.43
<b>Vincennes - Current</b>	<b>18,423</b>	<b>Knox</b>	<b>48.07</b>
Logansport	18,396	Cass	42.25

**VINCENNES MUNICIPAL WATER UTILITY**  
Vincennes, Indiana

**Survey of Water Rates**  
**Selected Indiana Cities and Towns**

<u>City/Town</u>	<u>2010 Census Population</u>	<u>County</u>	<u>Private or Municipal Ownership</u>	<u>Effective Date of Water Rate</u>	<u>Residential 5/8" Meter Monthly Water Billing for 6.68 CCF or 5,000 Gallons</u>
Oakland City	2,429	Gibson	Municipal	2008	\$ 54.70
Huntingburg	6,057	Dubois	Municipal	2011	45.84
Shelbyville	19,191	Shelby	Private	2015	41.46
Seymour	17,503	Jackson	Private	2015	41.46
Sullivan	4,249	Sullivan	Private	2015	41.46
Terre Haute	60,785	Vigo	Private	2015	41.46
Washington	11,509	Daviess	Municipal	2012	37.93
Bicknell	2,915	Knox	Municipal	2008	37.50
Fort Branch	2,771	Gibson	Municipal	2008	36.12
Jasper	15,038	DuBois	Municipal	2013	35.61
Princeton	8,644	Gibson	Municipal	2012	34.95
Huntington	17,391	Huntington	Municipal	2011	30.17
Indianapolis	820,445	Marion	Trust	2014	29.00
Jasonville	2,222	Greene	Municipal	2010	25.19
Linton	5,413	Greene	Municipal	2014	24.85
<b>Vincennes - Proposed</b>	<b>18,423</b>	<b>Knox</b>	<b>Municipal</b>		<b>23.95</b>
Bloomington	80,405	Monroe	Municipal	2011	22.09
Bloomfield	2,405	Greene	Private	2006	21.59
Petersburg	2,383	Pike	Municipal	2013	21.10
Evansville	117,429	Vanderburgh	Municipal	2014	20.48
Greenfield	20,602	Hancock	Municipal	2010	20.02
Logansport	18,396	Cass	Municipal	2015	21.60
New Castle	18,114	Henry	Municipal	2009	17.93
<b>Vincennes - Current</b>	<b>18,423</b>	<b>Knox</b>	<b>Municipal</b>	<b>2002</b>	<b>14.52</b>

**VINCENNES MUNICIPAL SEWAGE WORKS**

Vincennes, Indiana

**Survey of Sewer Rates  
Selected Indiana Cities and Towns**

<u>City/Town</u>	<u>2010 Census Population</u>	<u>County</u>	<u>Private or Municipal Ownership</u>	<u>Effective Date of Sewer Rate</u>	<u>Residential 5/8" Meter Monthly Sewer Billing for 6.68 CCF or 5,000 Gallons</u>
Fort Branch	2,771	Gibson	Municipal	2011	\$ 65.20
Bicknell	2,915	Knox	Municipal	2005	63.10
Oakland City	2,429	Gibson	Municipal	2011	58.33
Huntington	17,391	Huntington	Municipal	2013	56.25
Huntingburg	6,057	Dubois	Municipal	2015	55.50
Jasonville	2,222	Greene	Municipal	2014	52.73
Terre Haute	60,785	Vigo	Municipal	2015	49.43
Petersburg	2,383	Pike	Municipal	2011	49.24
Washington	11,509	Daviess	Municipal	2012	48.95
Sullivan	4,249	Sullivan	Municipal	2005	48.10
<b>Vincennes - Proposed</b>	<b>18,423</b>	<b>Knox</b>	<b>Municipal</b>		<b>47.61</b>
Princeton	8,644	Gibson	Municipal	2012	45.79
Evansville	117,429	Vanderburgh	Municipal	2014	43.15
Indianapolis	820,445	Marion	Trust	2015	40.77
Bloomfield	2,405	Greene	Private	2009	40.00
Linton	5,413	Greene	Municipal	2011	38.38
Bloomington	80,405	Monroe	Municipal	2012	38.32
New Castle	18,114	Henry	Municipal	2014	35.82
Jasper	15,038	DuBois	Municipal	2012	35.61
<b>Vincennes - Current</b>	<b>18,423</b>	<b>Knox</b>	<b>Municipal</b>	<b>2002</b>	<b>33.55</b>
Seymour	17,503	Jackson	Municipal	2001	33.13
Greenfield	20,602	Hancock	Municipal	2013	32.41
Shelbyville	19,191	Shelby	Municipal	2013	32.02
Logansport	18,396	Cass	Municipal	2015	20.65