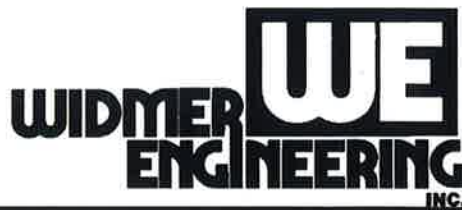


**MUNICIPAL WATER AUTHORITY OF ALIQUIPPA
ALIQUIPPA, BEAVER COUNTY
PENNSYLVANIA**



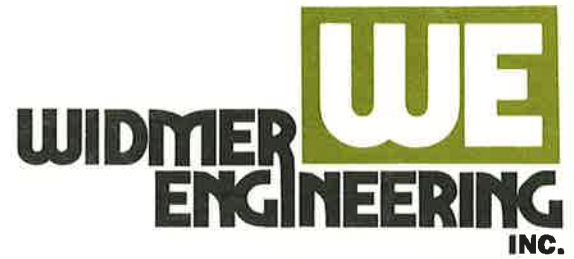
**CONSULTING ENGINEER'S
ANNUAL REPORT
2013**



WIDMER ENGINEERING INC.

806 Lincoln Place
Beaver Falls, PA 15010
(724) 847-1696
FAX (724) 847-0419

May 15, 2014



Members of the Board
Municipal Water Authority of Aliquippa
160 Hopewell Avenue
Aliquippa, PA 15001

RE: 2013 Consulting Engineer's Annual Report

Gentlemen:

In compliance with Section 7.09 of the Authority's Trust Indenture dated August 15, 2003, we are presenting herewith the Consulting Engineer's Annual Report for the fiscal year 2013.

A proposed budget for 2014 was submitted to the Authority at the September 2013 Board meeting and adopted at the October 2013 Board meeting. Copies of the budget were presented to the Trustee and Guarantor, in accordance with the Indenture.

This report summarizes the operations of both the Water and Sewage Departments of the Authority, includes the adopted budgets for the 2014 fiscal year, and compares these with to the operations and finances of the previous years. Financially, the Authority has met all obligations while maintaining the systems in an operable condition.

Sincerely,

WIDMER ENGINEERING, INC.

A handwritten signature in blue ink, appearing to read "Mark T. Kennedy", is written over the printed name and title.

Mark T. Kennedy, P.E.
Sr. Project Engineer

Enclosure: as

14020.0013

CONSULTING ENGINEERS

806 Lincoln Place Beaver Falls, Pennsylvania 15010 Phone 724/847-1696 Fax 724/847-0419
www.widmerengineers.com

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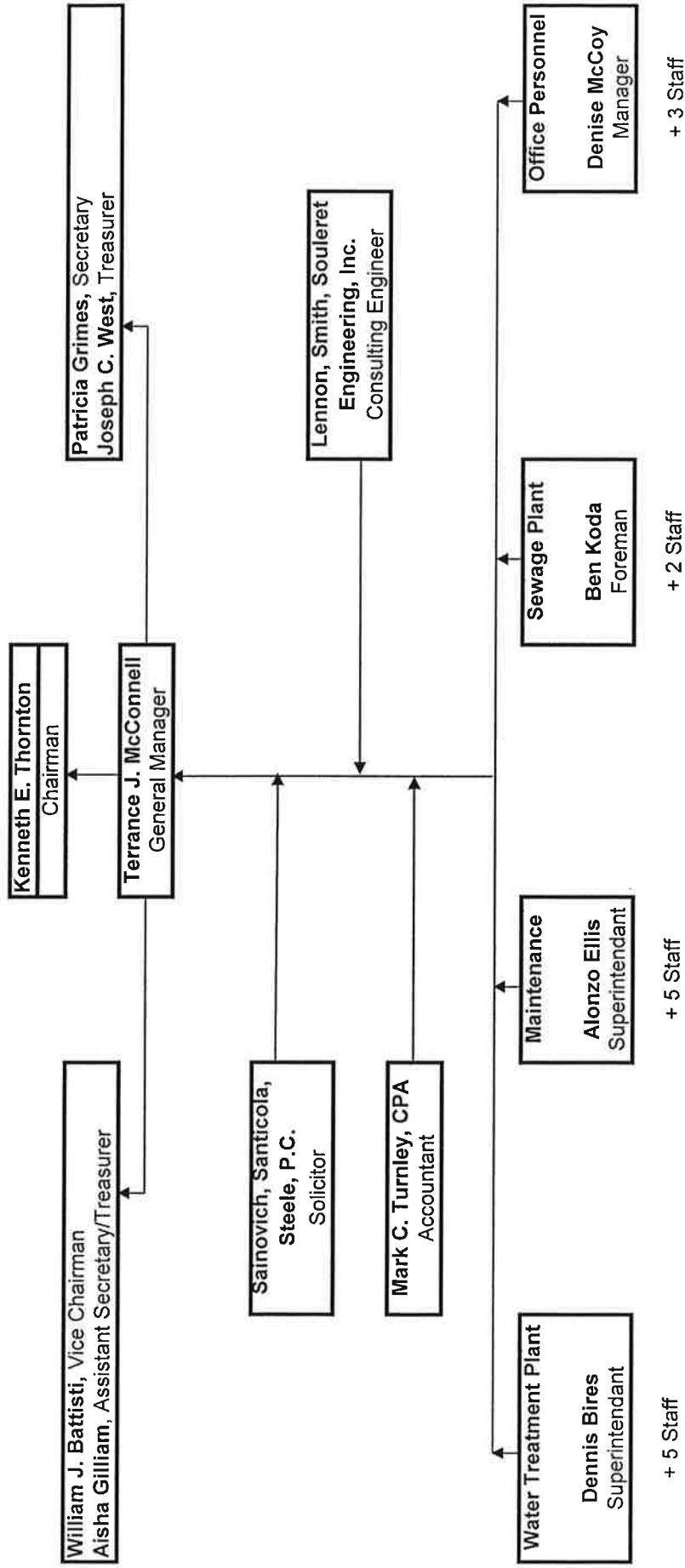
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MUNICIPAL WATER AUTHORITY OF ALIQUIPPA

CONSULTING ENGINEER'S REPORT

ORGANIZATIONAL CHART

ORGANIZATIONAL CHART MUNICIPAL WATER AUTHORITY OF ALIQUIPPA 2013



MUNICIPAL WATER AUTHORITY OF ALIQUIPPA
Aliquippa, Beaver County, Pennsylvania
(724) 375-5525
Identification No. 25-6007701

AUTHORITY BOARD MEMBERS FOR OPERATING YEAR 2014

Kenneth E. Thornton Chairman
William J. Battisti Vice Chairman
Patricia Grimes Secretary
Joseph C. West Treasurer
Aisha Gilliam Assistant Secretary/Treasurer

PROFESSIONAL APPOINTMENTS

Sainovich, Santicola, Steele, P.C. Solicitor
Bank of New York, Mellon Trust Co. N.A. Trustee
Mark C. Turnley, CPA Auditor
ESB Bank N.A. Depository
Lennon, Smith, Souleret Engineering Inc. Consulting Engineer

MANAGEMENT

Terrance J. McConnell General Manager
Denise McCoy Office Manager

MUNICIPAL WATER AUTHORITY OF ALIQUIPPA

CONSULTING ENGINEER'S REPORT

SUMMARY REPORT

MUNICIPAL WATER AUTHORITY OF ALIQUIPPA

CONSULTING ENGINEER'S ANNUAL REPORT

SUMMARY

WATER

Source

The primary source of water consists of five vertical wells, one Ranney Well, and one Collector Well, all located along the Ohio River. Using only the Ranney Well and the Collector Well, approximately 4.0 MGD can be pumped to the treatment plant, which has a rated capacity of 4.0 MGD. The vertical wells provide additional capacity as needed. In addition to the wells, there is an emergency interconnect with the Center Township Water Authority system. In our opinion, the supply of water is adequate to accommodate current demand and modest expansions of the service area. However, increasing the source water flow by improving the collector well pumping capacity will enhance water filtration plant operations and reduce reliance on aging vertical wells.

Treatment

The treatment plant process has a rated capacity of 4.0 MGD. If future demands require treated water in excess of 4.0 MGD, our recommendation would be that the Authority negotiate the purchase of treated water through the interconnect system.

Distribution

While the distribution system is aging, lines are being replaced only when required to maintain service. We recommend development and implementation of a periodic replacement program for both lines and valves. A complete meter replacement program is underway and should be completed in 2014. When fully implemented, unaccounted for water and lost revenue should be significantly decreased.

Storage

The total amount of treated water storage is 9,678,000 gallons of water. The storage capacity is adequate for the Aliquippa service area with a total of six (6) tanks in service. However, the Raccoon Tank, which is the only tank supplying the Raccoon service area, has less than 1 day's supply. The Raccoon Tank has been repaired and our recommendation would be that the Raccoon Tank be repainted as a major maintenance project in the near future. In addition, we recommend that an additional 500,000 gallon tank be installed in the western end of the Raccoon service area, and that the West Aliquippa Tank be painted as recommended in an inspection report from DEP.

SANITARY

Collection System

Infiltration/Inflow has been reduced significantly with past rehabilitation of sanitary lines within many areas of the City. Continuing efforts to televise, clean and rehabilitate lines will yield further benefits. The collapsed sewer in the J&L tunnel has been noted by PaDEP and a fine was paid by the Authority. A stream occupancy permit has been issued by PaDEP for the replacement of this sewer. We recommend this work be completed in 2014 to correct the problem and avoid any future enforcement action by PaDEP.

Lift Stations

All Lift Stations are in operable condition and receive routine maintenance.

Wye Lift Station

Severe wet weather-induced flows may cause the Wye Lift Station to overflow if those flows exceed 8.0 MGD. The Wye Lift Station was manually bypassed twice in April to allow replacement of the WWTP influent manhole at the far end of the Wye Lift Station force main. This was a major reconstruction/repair and the bypass was unavoidable. The Wye Lift Station was also bypassed for about one hour in November due to control problems which were promptly resolved. No other overflows were recorded for the 2013 operating year. The I/I reduction efforts noted above mitigated the overflow volumes during extraordinary events. Continued pump station monitoring and routine maintenance are required to keep maximum operational capacity available and minimize wet-weather related overflows in the collection system.

Wastewater Treatment Plant

The wastewater treatment plant has a hydraulic design capacity of 3.4 MGD. The plant continues to discharge adequately treated effluent to the Ohio River in accordance with NPDES permit parameters. There were no effluent violations in 2013. The WWTP was not hydraulically overloaded during the 2013 operating year, nor is it projected to be hydraulically overloaded within the next 5 years.

Golf Course Lift Station

Severe wet weather-induced flows have caused the Golf Course Lift Station to bypass in past years, however there were no bypasses or overflows recorded for the 2013 operating year. Continued pump station monitoring and routine maintenance are required to keep maximum operational capacity available and minimize wet-weather related overflows. We recommend replacement of these pumps with new pumps of higher capacity and sliplining the segment of gravity sewer along Golf Course Road.

MUNICIPAL WATER AUTHORITY OF ALIQUIPPA

CONSULTING ENGINEER'S REPORT

SCHEDULE OF RATES

MUNICIPAL WATER AUTHORITY OF ALIQUIPPA

Schedule of Rates - Quarterly Charges

Current Rate Structure - January 1, 2012 *			
	<u>Water</u>		<u>Sewer</u>
First 6,000 gallons	\$46.27 minimum		\$39.08 minimum
Next 12,000 gallons	6.25/1,000		5.24/1,000
Next 42,000 gallons	5.41/1,000		4.53/1,000
Over 60,000 gallons	4.66/1,000		3.62/1,000

Previous Rate Structure - January 1, 2007			
	<u>Water</u>		<u>Sewer</u>
First 6,000 gallons	\$46.27 minimum		\$31.26 minimum
Next 12,000 gallons	6.25/1,000		4.19/1,000
Next 42,000 gallons	5.41/1,000		3.62/1,000
Over 60,000 gallons	4.66/1,000		2.89/1,000

Previous Rate Structure - January 1, 2005			
	<u>Water</u>		<u>Sewer</u>
First 6,000 gallons	\$38.56 minimum		\$26.05 minimum
Next 12,000 gallons	5.21/1,000		3.49/1,000
Next 42,000 gallons	4.51/1,000		3.02/1,000
Over 60,000 gallons	3.88/1,000		2.41/1,000

Previous Rate Structure - January 1, 2001			
	<u>Water</u>		<u>Sewer</u>
First 6,000 gallons	\$34.43 minimum		\$23.26 minimum
Next 12,000 gallons	4.652/1,000		3.11/1,000
Next 42,000 gallons	4.03/1,000		2.70/1,000
Over 60,000 gallons	3.46/1,000		2.15/1,000

* A sewer only (not water) rate increase took effect on January 1, 2012.

MUNICIPAL WATER AUTHORITY OF ALIQUIPPA

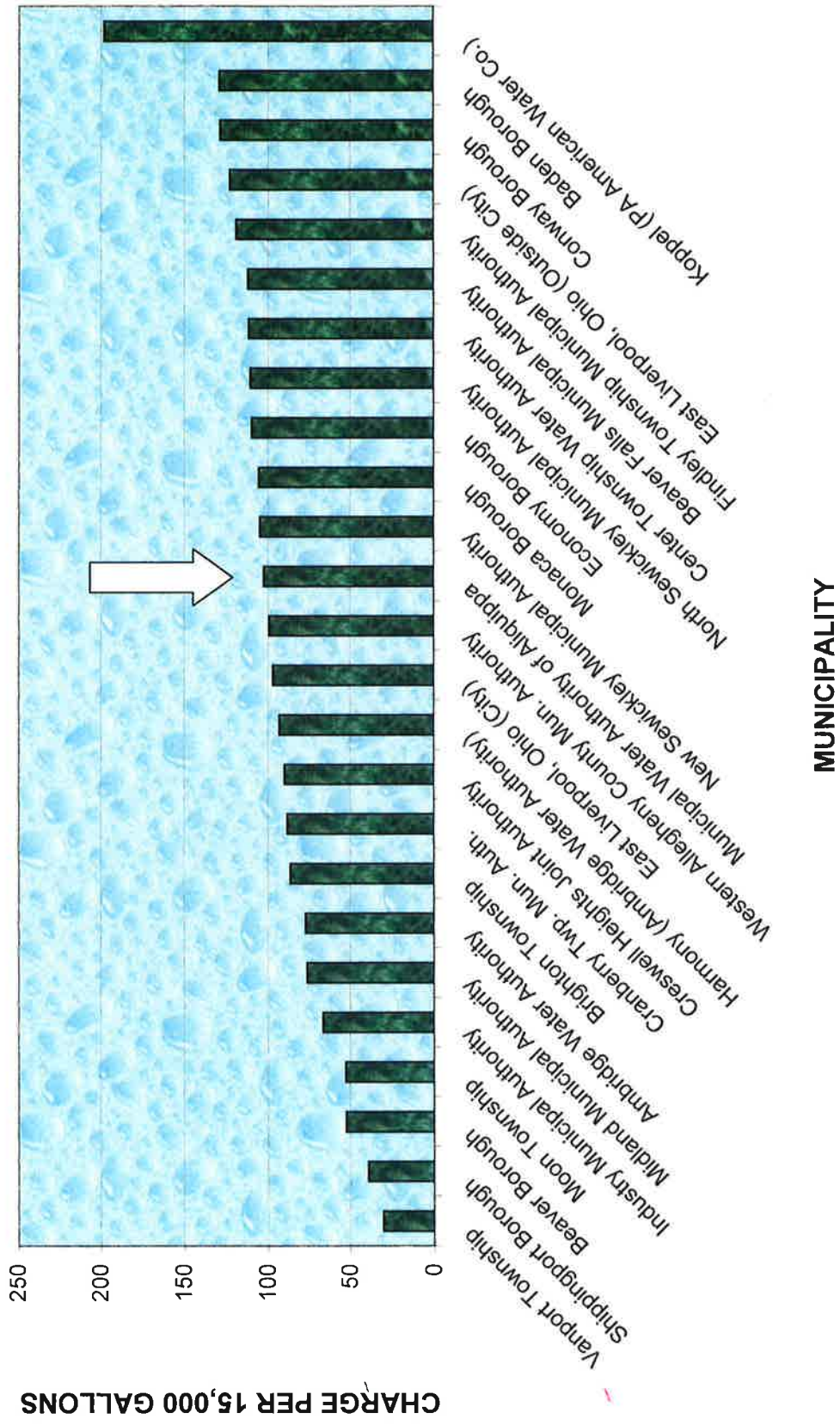
CONSULTING ENGINEER'S REPORT

WATER RATE COMPARISON

MUNICIPAL WATER RATE COMPARISON, MAY 2014
Based on 15,000 Gallons/Quarter Residential usage

<u>WATER RATE COMPARISON</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
Vanport Township	15.78	15.78	15.78	15.78	15.78	15.78	30.00
Shippingport Borough	39.00	39.00	39.00	39.00	39.00	39.00	39.00
Beaver Borough	46.25	46.25	46.25	47.25	47.25	47.25	52.25
Moon Township	46.05	46.05	46.05	52.50	52.50	52.50	52.50
Industry Municipal Authority	56.40	56.40	56.40	66.60	66.60	66.60	66.60
Midland Municipal Authority	39.11	76.20	76.20	76.20	76.20	76.20	76.19
Ambridge Water Authority	61.90	68.21	68.21	71.21	71.21	71.21	77.21
Brighton Township	86.55	86.55	86.55	86.55	86.55	86.55	86.55
Cranberry Twp. Mun. Auth.	67.75	67.75	81.15	84.90	88.35	88.35	88.35
Creswell Heights Joint Authority	70.92	81.57	83.22	84.87	84.87	88.68	90.00
Harmony (Ambridge Water Authority)	77.66	84.09	84.09	87.09	87.09	87.09	93.09
East Liverpool, Ohio (City)	84.15	88.95	88.95	88.95	96.90	96.90	96.90
Western Allegheny County Mun. Authority	88.56	88.56	95.82	96.72	98.22	99.12	99.12
Municipal Water Authority of Aliquippa	102.52	102.52	102.52	102.52	102.52	102.52	102.52
New Sewickley Municipal Authority	129.00	129.00	129.00	116.10	110.31	104.79	104.79
Monaca Borough	88.30	88.30	88.30	88.30	98.00	98.00	105.50
Economy Borough	94.35	100.66	100.66	103.66	103.66	103.66	109.66
North Sewickley Municipal Authority	96.00	96.00	121.90	109.86	121.90	121.90	110.40
Center Township Water Authority	71.50	71.50	71.50	88.45	88.45	88.45	111.45
Beaver Falls Municipal Authority	76.62	82.94	82.94	92.35	100.20	100.20	111.86
Findley Township Municipal Authority	99.90	99.90	99.90	110.85	110.85	119.10	119.10
East Liverpool, Ohio (Outside City)	106.95	112.95	112.95	112.95	123.00	123.00	123.00
Conway Borough	99.88	114.36	114.36	114.36	118.99	123.80	128.80
Baden Borough	96.50	96.50	96.50	114.50	114.50	114.50	129.20
Koppel (PA American Water Co.)	138.14	138.14	157.35	157.35	174.75	174.75	198.00

MUNICIPAL WATER AUTHORITY OF ALIQUIPPA 2014 WATER RATE COMPARISON



MUNICIPAL WATER AUTHORITY OF ALIQUIPPA

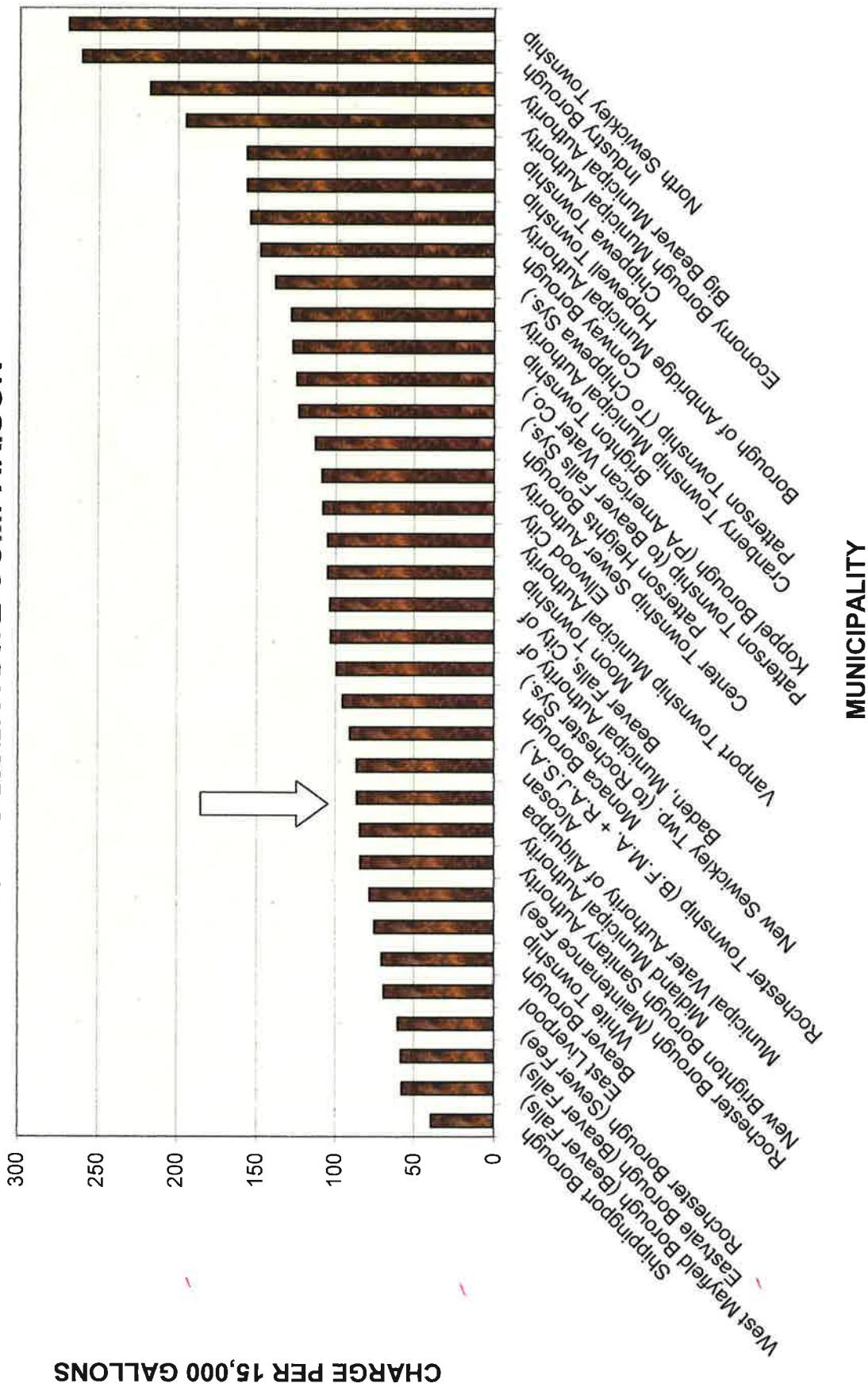
CONSULTING ENGINEER'S REPORT

SEWER RATE COMPARISON

MUNICIPAL SEWER RATE COMPARISON, MAY 2014
Based on 15,000 Gallons/Quarter Residential usage

<u>SEWER RATE COMPARISON</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
Shippingport Borough	---	39.00	39.00	39.00	39.00	39.00	39.00
West Mayfield Borough (Beaver Falls)	37.00	50.50	50.50	50.50	50.50	75.00	57.50
Eastvale Borough (Beaver Falls)	34.00	48.00	48.00	58.00	58.00	58.00	58.00
Rochester Borough (Sewer Fee)	95.00	95.00	95.00	70.00	78.40	126.50	60.20
East Liverpool	---	55.50	63.00	69.00	69.00	69.00	69.00
Beaver Borough	64.25	64.25	64.25	65.25	65.25	70.25	70.25
White Township	---	---	---	---	75.00	75.00	75.00
Rochester Borough (Maintenance Fee)							78.00
New Brighton Borough Sanitary Authority	62.55	62.55	72.75	72.75	75.75	75.75	84.00
Midland Municipal Authority	52.80	84.15	84.15	84.15	84.15	84.15	84.21
Municipal Water Authority of Aliquippa	68.97	68.97	68.97	68.97	86.24	86.24	86.24
Alcosan	55.58	64.47	64.47	69.08	73.87	73.87	86.36
Rochester Township (B.F.M.A. + R.A.J.S.A.)	63.50	63.50	63.50	70.00	78.40	79.50	90.70
Monaca Borough	52.33	68.53	68.53	68.53	90.10	90.10	95.30
New Sewickley Twp. (to Rochester Sys.)	122.25	122.25	122.25	115.65	104.58	99.36	99.36
Baden, Municipal Authority of	76.00	76.00	76.00	81.00	88.50	103.00	103.00
Beaver Falls, City of	46.85	67.50	67.50	67.50	100.50	103.50	103.50
Moon Township	---	73.50	73.50	75.00	105.00	105.00	105.00
Vanport Township Municipal Authority	64.65	64.65	64.65	117.00	117.00	117.00	105.00
Ellwood City	73.50	96.00	96.00	96.00	96.00	96.00	108.00
Center Township Sewer Authority	108.75	108.75	108.75	108.75	108.75	108.75	108.75
Patterson Heights Borough	55.08	85.60	85.74	85.60	85.60	113.00	113.00
Patterson Township (to Beaver Falls Sys.)	99.60	99.60	99.60	99.60	99.60	99.60	123.60
Koppel Borough (PA American Water Co.)	98.79	108.66	108.66	124.95	124.95	124.95	124.95
Brighton Township	89.25	89.25	89.25	107.85	107.85	107.85	127.50
Cranberry Township Municipal Authority	---	95.55	102.05	106.05	106.05	106.05	128.40
Patterson Township (To Chippewa Sys.)	114.60	114.60	114.60	114.60	114.60	114.60	138.60
Conway Borough	53.87	53.87	53.87	53.87	99.67	134.62	148.15
Borough of Ambridge Municipal Authority	106.80	117.39	131.49	131.49	140.65	148.05	154.38
Hopewell Township	116.25	130.55	148.50	156.50	156.50	156.50	156.50
Chippewa Township	156.54	156.54	156.54	156.54	156.54	156.54	156.54
Economy Borough Municipal Authority	180.00	186.00	186.00	195.00	195.00	195.00	195.00
Big Beaver Municipal Authority	145.08	217.62	217.62	217.62	217.62	217.62	217.62
Industry Borough	165.00	165.00	165.00	261.00	261.00	261.00	261.00
North Sewickley Township	242.25	242.25	242.25	242.25	242.25	258.75	269.25

MUNICIPAL WATER AUTHORITY OF ALIQUIPPA **2014 SEWER RATE COMPARISON**



MUNICIPAL WATER AUTHORITY OF ALIQUIPPA

CONSULTING ENGINEER'S REPORT

RECOMMENDED CAPITAL IMPROVEMENTS

MUNICIPAL WATER AUTHORITY OF ALIQUIPPA
RECOMMENDED CAPITAL IMPROVEMENTS (With Cost Opinions)

COMPLETED CAPITAL IMPROVEMENT PROJECTS IN 2013

1. Maintenance Building Floor Repairs
2. Automated Reading Meter Replacement Program (ongoing)
3. Collector Well Pump Capacity Upgrade (overspeed control)

RECOMMENDED FUTURE CAPITAL IMPROVEMENTS

1. J&L Tunnel Sewer Replacement (Ext. \$105,000)
2. Collector Well Flow Monitoring and Sensor Upgrade (Est. \$15,000)
3. Ranney Well Flow Monitoring and Sensor Upgrade (Est. \$15,000)
4. Upsize Golf Course Road Sewage Pumps
5. Digester Concrete Repairs (Est. \$25,000)
6. West Aliquippa Water storage tank painting (Est. \$45,000)
7. Paint Raccoon Township Water Storage Tank (Est. \$120,000)
8. Replace Grit Chamber at WWTP headworks (Est. \$360,000)
9. Distribution System Valve Replacement Program (Est. \$72,000 annually)
10. Line Replacement Program (Est. \$240,000 annually)
11. Map Distribution and Collection Systems (Est. \$90,000)
12. Internet-based SCADA system (i.e., Mission Communications System) for sewage pump stations (Est. \$30,000)
13. Clean interiors of Water Storage Tanks

MUNICIPAL WATER AUTHORITY OF ALIQUIPPA

CONSULTING ENGINEER'S REPORT

WATER WITHDRAWAL AND SALES

MUNICIPAL WATER AUTHORITY

WATER WITHDRAWAL AND SALES - 2013

The data gathered for this section of the report was taken from official reports of the Authority.

The Daily Water Withdrawal is a report prepared monthly and indicates the total amount of water pumped from the wells to the softening plant on a daily basis. Of the wells producing water, only the Ranney well has an individual meter. The Collector well and wells 25, 26, 27 and 28 have a common meter that has been out of service for several years. For all wells, an estimate is made of the amount of water pumped based upon the pump capacity and the length of running time.

The Report of Operations records the amount of water coming into the softening plant and the amount of finished water pumped into the distribution system for sale. The well's raw water output for 2013 was 1,269,876,000 gallons of water based on flow estimates, which is approximately 6.8 percent more than in 2012. In comparison, the raw water that entered the plant measured 1,223,168,000 gallons of water according to the report, which is approximately 6.6 percent more than 2012. The data from the Report of Operations will be used rather than the well withdrawal values in this report because the raw water data is measured and not merely estimated. The finished water leaving the plant was 1,009,115,000 gallons of water (3.1 percent more than 2012) and is measured with a calibrated venturi flow meter installed in 1998.

The Metered Sales of 374,753,000 gallons plus the estimated 91,250,000 gallons for maintenance and losses compared to the finished water of 1,009,115,000 gallons pumped to the system indicates that about 53.8% of the water leaving the plant is not accounted for. This is an increase over 2012's unaccounted for water figure of 52%. Unaccounted for water has held at about 50% since 2009.

The water loss is attributed to the following occurrences:

- Undetected Leaks
- Fires
- Slow User Meters
- Line Breaks
- Unmetered Customers

We believe the unaccounted water figure will drop as more meters are replaced in the Authority's ongoing meter upgrade program.

MUNICIPAL WATER AUTHORITY OF ALIQUIPPA

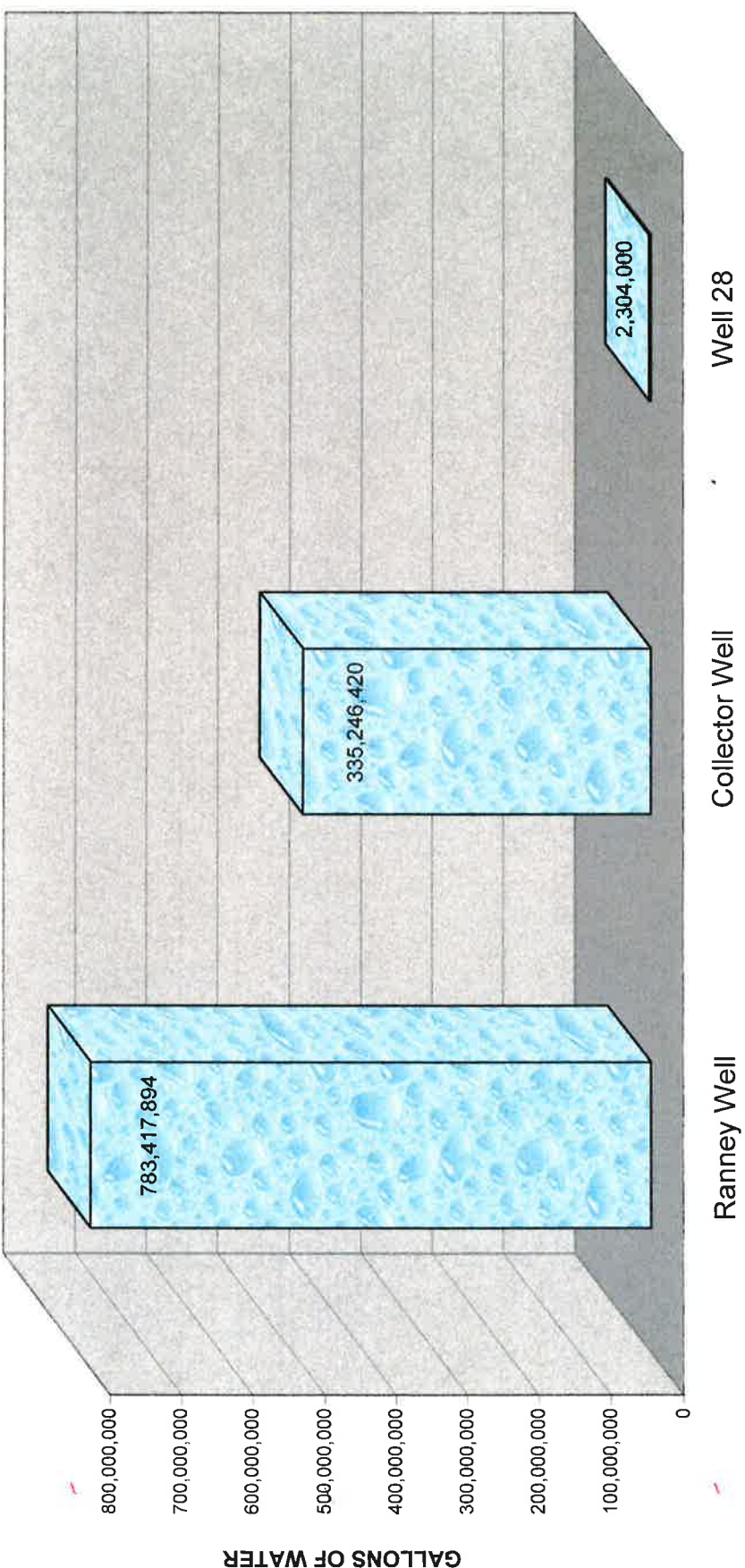
Annual Water Withdrawal Summary 2013

All numbers reported in gallons

	Ranney Well	Collector Well	Well 28	Total Well Production	MGD
January	61,161,800	43,722,320	0	104,884,120	3.383
February	65,801,600	39,371,360	2,304,000	105,172,960	3.756
March	77,284,800	37,836,000	0	115,120,800	3.714
April	68,969,400	38,548,380	0	107,517,780	3.584
May	70,787,490	36,049,540	0	106,837,030	3.446
June	72,476,860	29,568,440	0	102,045,300	3.402
July	70,474,080	28,815,220	0	99,289,300	3.203
August	67,760,964	30,475,666	0	98,236,630	3.169
September	55,663,000	43,222,300	0	98,885,300	3.296
October	55,519,500	52,368,781	0	107,888,281	3.480
November	55,188,000	49,482,790	0	104,670,790	3.489
December	62,330,400	56,997,250	0	119,327,650	3.849
DAILY AVERAGE	2,146,350	1,332,762	6,312	3,479,112	3.481
TOTAL	783,417,894	486,458,047	2,304,000	1,269,875,941	

MUNICIPAL WATER AUTHORITY OF ALIQUIPPA

Well Utilization -- 2013



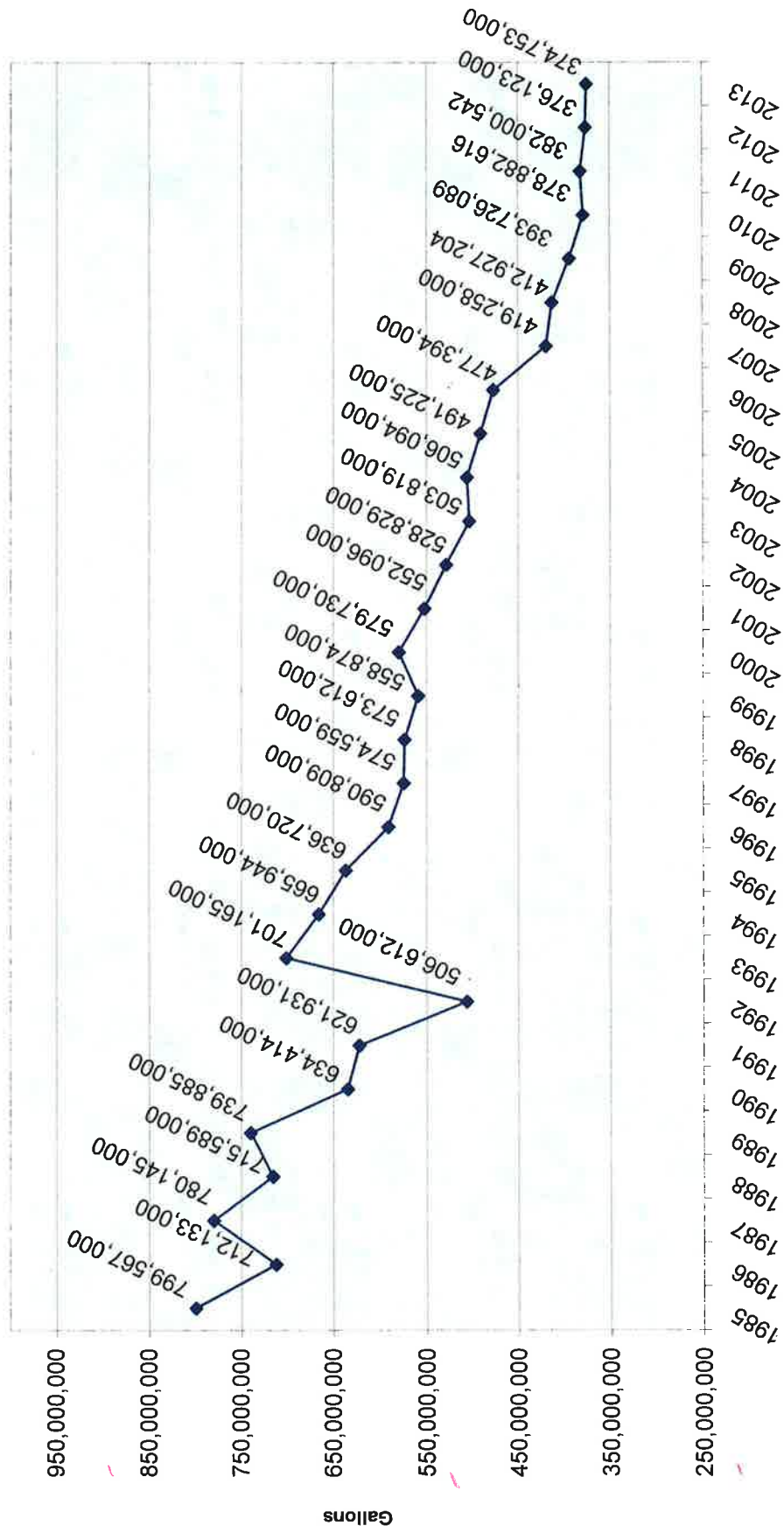
WATER SOURCE

MUNICIPAL WATER AUTHORITY OF ALIQUIPPA

Gallons of Water Billed

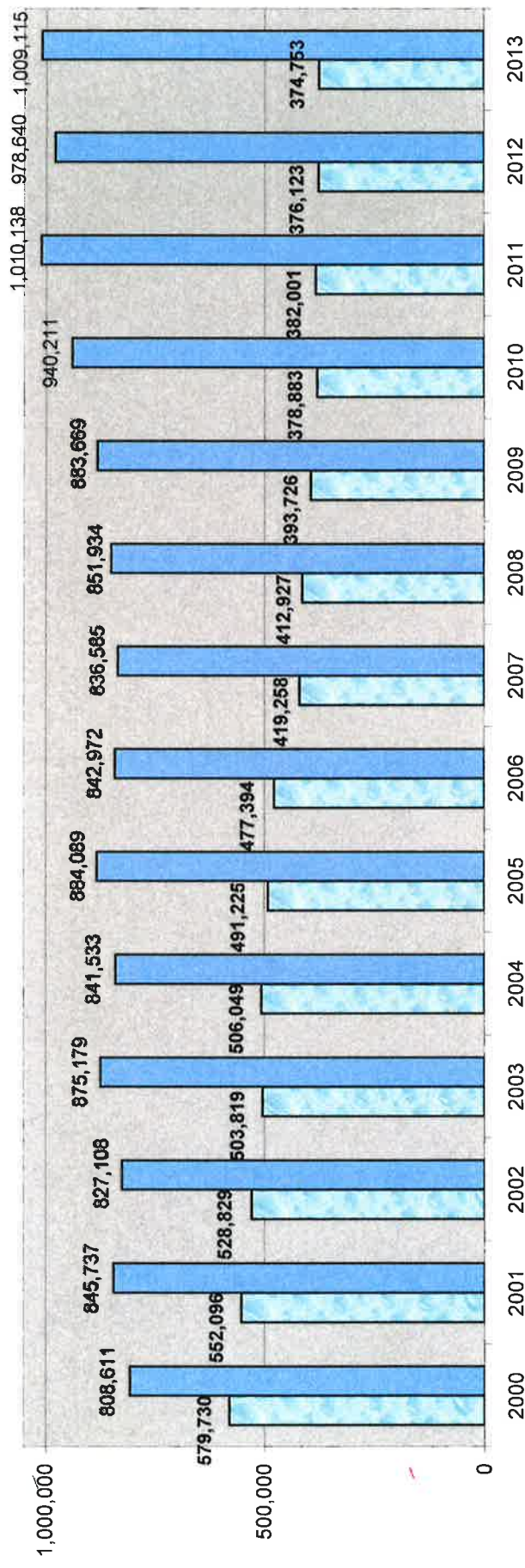
1985 *	799,567,000
1986	712,713,000
1987	780,145,000
1988	715,589,000
1989	739,885,000
1990	634,414,000
1991	621,931,000
1992	506,612,000
1993	701,165,000
1994	665,944,000
1995	636,720,000
1996	590,809,000
1997	574,559,000
1998	573,612,000
1999	558,874,000
2000	579,730,000
2001	552,000,000
2002	528,829,000
2003	503,819,000
2004	506,094,000
2005	491,225,000
2006	477,394,000
2007	419,258,000
2008	412,927,204
2009	393,726,089
2010	378,882,616
2011	382,000,542
2012	376,123,000
2013	374,753,000
* Note: 53% Loss of Billing Since 1985	

Municipal Water Authority of Aliquippa **Annual Metered Water Sales**



Municipal Water Authority of Aliquippa

Water Sales and Finished Water Produced



Thousand Gallons of Water Billed

Thousand Gallons of Finished Water Produced

MUNICIPAL WATER AUTHORITY OF ALIQUIPPA

WATER WITHDRAWAL AND SALES - 2013

All numbers reported in thousands of gallons

WATER WITHDRAWAL ⁽¹⁾		REPORT OF OPERATIONS ⁽²⁾				MAINTENANCE ⁽³⁾	METERED SALES ⁽⁴⁾
Month	Raw Water Output from the Wellfield	Raw Water Input to the Water Plant	Output from the Water Plant			Line Breaks and Flushing	
			Finished	Rinse & Wash	Total		
January	104,884	101,440	87,816	5,064	92,880	7,750	33,147
February	105,173	105,088	86,891	5,263	92,154	7,000	22,014
March	115,121	115,776	95,381	6,184	101,565	7,750	30,144
April	107,518	111,471	89,344	5,824	95,168	7,500	37,107
May	106,837	108,377	87,758	6,008	93,766	7,750	24,027
June	102,045	101,777	82,965	5,095	88,060	7,500	33,589
July	99,289	97,589	82,807	4,739	87,546	7,750	39,986
August	98,237	96,940	80,969	4,634	85,603	7,750	24,143
September	98,885	89,044	73,027	4,102	77,129	7,500	33,877
October	107,888	99,208	81,173	4,350	85,523	7,750	39,035
November	104,671	93,039	75,948	3,986	79,934	7,500	26,897
December	119,328	103,419	85,036	4,388	89,424	7,750	30,787
TOTAL	1,269,876	1,223,168	1,009,115	59,637	1,068,752	91,250	374,753
DAILY AVG.	3,479	3,351	2,765	163	2,928	250	1,027

⁽¹⁾ Water Withdrawn from the wells is reported as daily values on a monthly log. Volumes are estimated using a flow/time equation.

⁽²⁾ Report of Operations is reported as daily values on a weekly log of all operations at the water treatment plant.

⁽³⁾ Maintenance figures include water used to flush lines after line break repair operations and bi-annual line flushing water. Estimated values are based on past experience and engineering judgement.

⁽⁴⁾ Metered Sales information was obtained from the Water Authority for 2013.

Note: The 2013 report year began on January 1, 2013 and ended on December 31, 2013.

$$\text{unaccounted for water} = \left[1 - \frac{(\text{metered sales} + \text{maintenance})}{(\text{finished output})} \right] = 53.8\%$$

MUNICIPAL WATER AUTHORITY OF ALIQUIPPA

CONSULTING ENGINEER'S REPORT

2014 ADOPTED BUDGET

MUNICIPAL WATER AUTHORITY OF ALIQUIPPA

2014 Budget Summary

	<u>REVENUES</u>	<u>EXPENSES</u> (less deprec.)	<u>NET</u>
WATER	\$ 3,125,445	\$ 3,817,914	\$ (692,469)
SEWER	\$ 1,758,839	\$ 954,084	\$ 804,755
	\$ 4,884,284	\$ 4,771,998	\$ 112,286

2014 Debt Service PaymentsDEBT SERVICES:

1994 Pennvest Loan No. 35098 (paid off)
 ESB line of credit (\$250K)
 2001 Pennvest Loan No. 88002
 2003/1998 Bond Issue
 2013 Bond Issue

	Principal	Interest	Total
1994 Pennvest Loan No. 35098 (paid off)	\$ -		
ESB line of credit (\$250K)	\$ 60,000	\$ 7,200	\$ 67,200
2001 Pennvest Loan No. 88002	\$ 222,203	\$ 62,099	\$ 284,302
2003/1998 Bond Issue	\$ 495,000	\$ 190,621	\$ 685,621
2013 Bond Issue	\$ 167,101	\$ 194,711	\$ 361,812
DEBT SERVICE TOTALS	\$ 944,304	\$ 454,632	\$ 1,398,935

RESERVES:

CD - ESB Bank 5/9/12 @ .30%

TOTAL RESERVES

\$ 401,949
\$ 401,949

2014 DEBT SERVICE RATIOREVENUES ADJUSTEDEXPENSES ADJUSTED

\$ 4,884,284		\$ 4,771,998
\$ -	2003/1998 Bond Issue P&I	\$ (685,621)
\$ 4,884,284		\$ 4,086,377

$$\text{NET CASH FLOW} = \$ 4,884,284 - \$ 4,086,377 = \underline{\$ 797,907}$$

$$\begin{aligned} \text{2003 BOND EXPENSE} &= \$ 685,621 \\ \text{DEBT SERVICE RATIO} &= 1.1638 \end{aligned}$$

$$\text{2003 BOND ISSUE REQUIRED RATIO} = 1.10$$

MUNICIPAL WATER AUTHORITY OF ALIQUIPPA
BUDGET HISTORY AND 2014 ADOPTED BUDGET
WATER DEPARTMENT

	2010 ACTUAL	2011 ACTUAL	2012 ACTUAL	2013 ACTUAL	2014 BUDGET
REVENUES					
METERED SALES - BILLING					
01.01.430110 Metered Sales - Domestic	\$ 1,817,586	\$ 1,788,792	\$ 1,797,157	\$1,783,972	\$2,000,000
01.01.430120 Metered Sales - Commercial	\$ 278,147	\$ 276,718	\$ 274,175	\$327,109	\$323,400
01.01.430130 Metered Sales - Industrial	\$ 239,468	\$ 288,909	\$ 307,651	\$328,910	\$324,505
SUBTOTAL	\$ 2,335,201	\$ 2,354,418	\$ 2,378,983	\$2,439,991	\$2,647,905
FIRE PROTECTION - BILLING					
01.01.430410 Private Fire Lines	\$ 16,790	\$ 15,829	\$ 16,675	\$16,798	\$17,000
01.01.430420 Public Fire Lines	\$ 190,148	\$ 182,990	\$ 196,229	\$208,309	\$200,000
SUBTOTAL	\$ 206,937	\$ 198,819	\$ 212,904	\$225,107	\$217,000
OTHER WATER SALES - RECEIPTS					
01.01.430610 Sales to Public Authorities (hydrants)	\$ 43,374	\$ 41,040	\$ 48,538	\$51,098	\$48,000
SUBTOTAL	\$ 43,374	\$ 41,040	\$ 48,538	\$51,098	\$48,000
MISC. REVENUE - RECEIPTS					
01.01.431210 Customer Penalties	\$ 55,566	\$ 56,484	\$ 58,883	\$67,682	\$55,000
01.01.431220 Miscellaneous Water Revenues	\$ -	\$ -	\$ -	\$0	\$75,000
01.01.431230 Tap Fees	\$ 30,888	\$ 24,983	\$ 2,206	\$32,284	\$40,000
01.01.431240 Turn on Charges & NSF Charges	\$ 2,145	\$ 2,601	\$ 3,995	\$4,620	\$4,000
01.01.412520 Inst Remote Dials, Rep Bi	\$ 763	\$ 5,226	\$ 540	\$390	\$400
SUBTOTAL	\$ 89,362	\$ 89,294	\$ 65,625	\$104,976	\$174,400
MISC. NON-OPERATING REVENUE - RECEIPTS					
01.01.432010 Merc. Job Const. Revenue	\$ 1,810	\$ 1,377	\$ 1,305	\$1,410	\$1,500
01.01.432020 Revenue/Raccoon Grant	\$ 366,185	\$ 555,885	\$ 277,325	\$0	\$0
01.01.432030 Revenue/ Sheffield Terrace	\$ 35,000	\$ -	\$ -	\$0	\$0
01.01.432530 Interest Revenue - Investments	\$ 1,066	\$ -	\$ -	\$0	\$0
01.01.432550 ESB Line of Credit (\$250K)	\$ -	\$ -	\$ 250,000	\$0	\$0
01.01.432560 Interest Revenue - DSRF	\$ -	\$ -	\$ -	\$0	\$0
01.01.432610 Misc. Non-Operating Revenue	\$ 5,003	\$ 5,171	\$ 6,136	\$8,101	\$7,000
01.01.432611 2013 Bond interest payment	\$ -	\$ -	\$ -	\$0	\$0
01.01.432620 State Grants	\$ -	\$ -	\$ -	\$0	\$0
01.01.432621 C. D. Grant	\$ -	\$ -	\$ -	\$0	\$0
01.01.432630 Employee Contribution - insurance	\$ 16,310	\$ 21,060	\$ 24,695	\$29,640	\$29,640
TOTAL NON-OPERATING REVENUE	\$ 425,375	\$ 583,493	\$ 559,460	\$39,151	\$38,140
TOTAL WATER REVENUE	\$ 3,100,249	\$ 3,267,065	\$ 3,265,510	\$2,860,322	\$3,125,445

MUNICIPAL WATER AUTHORITY OF ALIQUIPPA
BUDGET HISTORY AND 2014 ADOPTED BUDGET
WATER DEPARTMENT

		2010 ACTUAL	2011 ACTUAL	2012 ACTUAL	2013 ACTUAL	2014 BUDGET
EXPENDITURES						
SOURCE OF SUPPLY EXPENSE						
01.01.540310	Supplies and Expenses	\$ 2,608	\$ 16,851	\$ 5,828	\$61,945	\$35,000
01.01.540610	Maintenance of Mains	\$ 979	\$ -	\$ -	\$0	\$0
	SUBTOTAL	\$ 3,586	\$ 16,851	\$ 5,828	\$61,945	\$35,000
POWER AND PUMPING EXPENSE						
01.01.542210	Operation (Labor)	\$ -	\$ 29,035	\$ 28,790	\$25,731	\$27,916
01.01.542410	Supplies and Expenses	\$ 14,015	\$ 14,688	\$ 12,325	\$24,167	\$65,000
01.01.542610	Maint. & Improvement of Structures	\$ 37,377	\$ 9,610	\$ 12,291	\$28,632	\$25,526
01.01.542710	Maint. Of Power & Pump Equipment	\$ 5,294	\$ 7,567	\$ 14,820	\$28,987	\$38,727
01.01.542910	Power No. 23 Well	\$ 722	\$ 673	\$ 563	\$757	\$500
01.01.542920	Power Softening Plant	\$ 186,971	\$ 206,861	\$ 211,282	\$221,699	\$230,000
01.01.542930	Power South Wells & Collector Well	\$ 26,101	\$ 36,611	\$ 37,986	\$35,768	\$40,000
01.01.542940	Labor - Ranney Well	\$ 2,402	\$ 2,652	\$ 2,701	\$2,466	\$2,451
01.01.542950	Power-Ranney Well	\$ 50,477	\$ 51,325	\$ 48,424	\$47,803	\$52,000
01.01.542960	Power Booster Sta.	\$ 12,044	\$ 12,370	\$ 9,508	\$12,870	\$16,000
01.01.542970	Power Raccoon Twp.	\$ 18,788	\$ 25,845	\$ 16,974	\$16,608	\$21,000
01.01.542980	#1 Tank Rd/Reservoir - Beaver County Jail	\$ 418	\$ 377	\$ 260	\$388	\$400
	SUBTOTAL	\$ 354,610	\$ 397,613	\$ 395,924	\$445,876	\$519,519
PURIFICATION AND LAB EXPENSE						
01.01.544210	Purification and Lab (Labor)	\$ 190,109	\$ 192,461	\$ 199,071	\$170,496	\$181,834
01.01.544220	Water Testing	\$ 7,049	\$ 15,044	\$ 8,620	\$8,017	\$6,374
01.01.544310	Purification and Lab Supplies	\$ 136,134	\$ 164,068	\$ 164,164	\$147,154	\$162,967
01.01.544510	Maint. & Improvement of Structures (Labor)	\$ 32,670	\$ 32,226	\$ 38,037	\$45,442	\$40,430
01.01.544610	Maint. Supervision Plant Equip. (Labor)	\$ 92,739	\$ 102,503	\$ 97,139	\$102,743	\$84,268
	SUBTOTAL	\$ 458,702	\$ 506,302	\$ 507,031	\$473,853	\$475,872
EXPENSES						
01.01.545210	Operation Supplies and Expense	\$ 11,245	\$ 7,791	\$ 5,692	\$4,706	\$4,337
01.01.545310	Operation Lines, Hydrants, & Strg - (Labor)	\$ 18,560	\$ 12,497	\$ 5,965	\$10,241	\$8,600
01.01.545510	Service on Customer Premises	\$ 1,867	\$ -	\$ -	\$4,025	\$2,700
01.01.545610	Maintenance Supervision (Labor)	\$ 104,604	\$ 113,839	\$ 110,587	\$111,114	\$105,374
01.01.545810	Maint. Of Mains (Labor)	\$ 76,553	\$ 131,823	\$ 163,490	\$89,256	\$90,619
01.01.545910	Maint. Of Srvc Lns (Labor)	\$ 77,978	\$ 122,511	\$ 67,400	\$89,421	\$87,601
01.01.545920	Maintenance of meters (Labor)	\$ 17,226	\$ 15,340	\$ 17,592	\$4,481	\$4,159
01.01.545930	Maint. Of Hydrants (Labor)	\$ 17,233	\$ 14,510	\$ 8,878	\$2,676	\$2,874
01.01.545940	Capital Improvement	\$ -	\$ -	\$ -	-\$15,972	\$0
01.01.545950	Capital Improvements - Raccoon	\$ 474,346	\$ 602,312	\$ 201,384	\$2,693	\$0
01.01.545960	Cap. Impr. Sheffield Terrace Tank	\$ 5,722	\$ -	\$ -	\$0	\$0
01.01.545710	Maintenance of Structure &	\$ 5,115	\$ 4,393	\$ 2,704	\$5,156	\$5,938
	SUBTOTAL	\$ 810,449	\$ 1,025,015	\$ 583,692	\$307,798	\$312,202

MUNICIPAL WATER AUTHORITY OF ALIQUIPPA
BUDGET HISTORY AND 2014 ADOPTED BUDGET
WATER DEPARTMENT

	2010 ACTUAL	2011 ACTUAL	2012 ACTUAL	2013 ACTUAL	2014 BUDGET
RENTS/TRUCKS AND EQUIPMENT					
01.01.546010 Railroad ROW fee	\$ 400	\$ 200	\$ 400	\$200	\$400
01.01.546110 Trucks and Equip. (Labor)	\$ 78,112	\$ 80,014	\$ 70,363	\$52,188	\$45,467
01.01.546120 Equipment and rentals	\$ 29,938	\$ 17,924	\$ 2,981	\$2,968	\$20,000
SUBTOTAL	\$ 108,450	\$ 98,137	\$ 73,743	\$55,356	\$65,867
CUSTOMER ACCTG. & COLLTG. EXPENSE					
01.01.548110 Cust. Orders, Meter Reading (Labor)	\$ 88,495	\$ 89,042	\$ 86,900	\$85,773	\$90,569
01.01.548210 Customer Billing & Accounting (Labor)	\$ 43,186	\$ 41,101	\$ 42,012	\$45,782	\$47,011
01.01.548310 Miscellaneous Exp.	\$ 649	\$ 558	\$ -	\$0	\$0
SUBTOTAL	\$ 132,331	\$ 130,701	\$ 128,912	\$131,555	\$137,580
GENERAL & ADMINISTRATION EXPENSE					
01.01.549010 Salaries of General Officer	\$ 2,929	\$ 2,779	\$ 2,779	\$2,510	\$3,000
01.01.549110 Other General Office Salaries	\$ 88,721	\$ 124,653	\$ 62,022	\$93,684	\$88,073
01.01.549310 Office Supplies and Expenses	\$ 31,858	\$ 33,766	\$ 34,258	\$43,271	\$30,000
01.01.549410 Real Estate Taxes/Sohn Road	\$ 149	\$ 151	\$ 215	\$156	\$234
01.01.549510 Auditor	\$ 2,750	\$ 2,975	\$ 4,100	\$3,069	\$4,604
01.01.549610 Engineering Retainer	\$ 1,200	\$ 1,200	\$ 1,200	\$1,200	\$1,200
01.01.549620 Engineering Expense	\$ 14,185	\$ 35,778	\$ 27,059	\$29,850	\$30,000
01.01.549630 Maintenance of Backwash	\$ -	\$ -	\$ -	\$1,691	\$2,536
01.01.549710 Insurance - PIRMA - Auto	\$ -	\$ -	\$ -	\$0	\$0
01.01.549720 Insurance - PIRMA - Gen. Liability	\$ 37,178	\$ 33,170	\$ 33,832	\$37,120	\$45,111
01.01.549730 Insurance - Workmen Comp.	\$ 20,524	\$ 14,724	\$ 21,101	\$18,510	\$21,446
01.01.549740 Insurance - Multi Peril	\$ 13,361	\$ 10,375	\$ 13,780	\$14,422	\$16,225
01.01.549750 Insurance Boiler	\$ 4,640	\$ 3,480	\$ 4,712	\$4,784	\$5,382
01.01.549760 Insurance - PIRMA - Public Officials	\$ 4,831	\$ 5,096	\$ 5,221	\$5,919	\$8,000
01.01.549770 Insurance - Auto Physical	\$ -	\$ -	\$ -	\$0	\$0
01.01.549810 Insurance	\$ 2,408	\$ 2,401	\$ 2,769	\$2,726	\$3,000
01.01.549830 Employees Insurance and Pension (labor)	\$ 388,653	\$ 395,994	\$ 390,597	\$461,206	\$472,673
01.01.549840 Employees Salary Pension (labor)	\$ 166,033	\$ 68,444	\$ 61,497	\$59,987	\$65,225
01.01.549850 Miscellaneous General Expense	\$ 15,799	\$ 25,687	\$ 18,226	\$20,666	\$20,000
01.01.549860 Maintenance of General Property (Labor)	\$ 22,606	\$ 21,162	\$ 9,502	\$47,878	\$40,000
01.01.549870 Legal Fees/Arbitrator	\$ 1,540	\$ -	\$ -	\$0	\$0
01.01.549890 Solicitor	\$ 13,457	\$ 10,225	\$ 18,234	\$25,846	\$16,229
SUBTOTAL	\$ 832,822	\$ 792,060	\$ 711,103	\$874,494	\$872,938
DEPRECIATION & INTEREST					
01.01.549910 Depreciation	\$ 420,087	\$ 420,087	\$ 420,087	\$420,187	\$420,187
01.01.549951 ESB line of credit (\$250K)				\$6,802	\$7,200
01.01.549955 2013 Bond Issue Interest	\$ -	\$ -	\$ -	\$140,234	\$194,711
01.01.549960 2003/1998 Bond Issue Interest	\$ -	\$ -	\$ 229,125	\$210,608	\$190,621
01.01.549970 2001 PENNVEST Loan No. 88002 interest	\$ 89,051	\$ 82,636	\$ 76,011	\$69,167	\$62,099
SUBTOTAL	\$ 509,138	\$ 502,723	\$ 725,223	\$846,998	\$874,819
DEBT SERVICE & PRINCIPAL					
01.01.559951 ESB line of credit (\$250K)				\$84,547	\$60,000
01.01.550955 2013 Bond Issue Principal	\$ -	\$ -	\$ -	\$55,790	\$167,101
01.01.550960 2003/1998 Bond Issue Principal	\$ 455,000	\$ 455,000	\$ 455,000	\$475,000	\$495,000
01.01.550970 2001 PENNVEST Loan No. 88002 Principal	\$ 194,000	\$ 201,305	\$ 208,306	\$215,135	\$222,203
SUBTOTAL	\$ 649,000	\$ 656,305	\$ 663,306	\$830,472	\$944,304
TOTAL WATER EXPENSES	\$ 3,859,089	\$ 4,125,708	\$ 3,794,761	\$4,028,345	\$4,238,101
NET WATER INCOME	(\$758,840)	(\$858,643)	(\$529,251)	(\$1,168,024)	(\$1,112,656)

MUNICIPAL WATER AUTHORITY OF ALIQUIPPA
BUDGET HISTORY AND 2014 ADOPTED BUDGET
SEWER DEPARTMENT

		2010 ACTUAL	2011 ACTUAL	2012 ACTUAL	2013 ACTUAL	2014 BUDGET
	REVENUES					
	METERED SALES - BILLING					
01.02.430110	Metered Sales - Domestic	\$ 735,853	\$ 722,583	\$ 893,393	\$ 910,111	\$ 900,000
01.02.430120	Metered Sales - Commercial	\$ 136,321	\$ 137,731	\$ 167,637	\$ 199,543	\$ 190,000
01.02.430130	Metered Sales - Industrial	\$ 11,110	\$ 12,581	\$ 18,802	\$ 27,940	\$ 26,000
01.02.430140	Sales to Public	\$ 100,126	\$ 94,892	\$ 128,378	\$ 140,455	\$ 132,000
	SUBTOTAL	\$ 983,410	\$ 967,786	\$ 1,208,211	\$ 1,278,050	\$ 1,248,000
	OTHER SEWER SALES-RECEIPTS					
01.02.430610	Sales to Public Authorities	\$ 377,235	\$ 376,502	\$ 455,082	\$ 470,735	\$ 470,839
	SUBTOTAL	\$ 377,235	\$ 376,502	\$ 455,082	\$ 470,735	\$ 470,839
	MISCELLANEOUS REVENUE-RECEIPTS					
01.02.431110	Customer Penalties	\$ 28,680	\$ 30,145	\$ 36,787	\$ 41,707	\$ 35,000
	Miscellaneous	\$ -	\$ -	\$ -	\$ -	\$ -
01.02.431620	Sewer-Taps	\$ 2,062	\$ 19,680	\$ 8,243	\$ -	\$ -
01.02.431630	Employee Contribution - insurance	\$ 3,640	\$ 4,680	\$ 5,060	\$ 5,070	\$ 5,000
	SUBTOTAL	\$ 34,381	\$ 54,505	\$ 50,089	\$ 46,777	\$ 40,000
	SEWER REVENUE TOTAL	\$ 1,395,026	\$ 1,398,793	\$ 1,713,382	\$ 1,795,562	\$ 1,758,839

MUNICIPAL WATER AUTHORITY OF ALIQUIPPA
BUDGET HISTORY AND 2014 ADOPTED BUDGET
SEWER DEPARTMENT

	2010 ACTUAL	2011 ACTUAL	2012 ACTUAL	2013 ACTUAL	2014 BUDGET
EXPENDITURES					
SOURCE OF SUPPLY EXPENSE					
01.02.540510 Maintenance of Sewer Lines (Labor)	\$ 32,893	\$ 39,192	\$ 30,360	\$ 40,640	\$ 45,671
01.02.540610 Capital Improvements (J&L tunnel)	\$ 180	\$ -	\$ -	\$ -	\$ 50,000
SUBTOTAL	\$ 33,073	\$ 39,192	\$ 30,360	\$ 40,640	\$ 95,671
POWER AND PUMPING EXPENSE					
01.02.542210 Operation (Labor)	\$ 12,732	\$ 11,819	\$ 13,388	\$ 11,112	\$ 11,913
01.02.542410 Power - S.T.P. N.Beaver-Thompson	\$ 39,707	\$ 41,197	\$ 35,267	\$ 35,818	\$ 41,000
01.02.542420 Power - S.T.P./Pump Station	\$ 2,145	\$ 1,964	\$ 1,483	\$ 1,340	\$ 2,000
01.02.542430 Power - Wye Pump Station	\$ 36,791	\$ 41,729	\$ 35,990	\$ 34,667	\$ 40,000
01.02.542440 Power - Golf Pump Station	\$ 2,767	\$ 2,852	\$ 1,905	\$ 2,184	\$ 2,500
01.02.542450 Power - Steel Street Pump Station	\$ 699	\$ 745	\$ 739	\$ 833	\$ 1,000
01.02.542460 Power - Jail Pump Station	\$ 1,431	\$ 1,403	\$ 1,230	\$ 1,108	\$ 1,500
01.02.542510 Supplies and Expense/Pumping	\$ 7,102	\$ 13,936	\$ 9,703	\$ 7,152	\$ 7,020
01.02.542610 Pumping Maint. Supervision (Labor)	\$ 1,499	\$ 2,183	\$ 149	\$ 84	\$ 126
01.02.542710 Maint. Of Equipment	\$ 15,196	\$ 15,649	\$ 14,794	\$ 10,903	\$ 13,485
01.02.542810 Maint. Of Pump Stations (Labor)	\$ 12,945	\$ 16,782	\$ 13,575	\$ 66,157	\$ 79,414
SUBTOTAL	\$ 133,013	\$ 150,259	\$ 128,224	\$ 171,358	\$ 199,958
TREATMENT AND LAB EXPENSE					
01.02.544110 Operation Supervision (Labor)	\$ 77,430	\$ 82,844	\$ 54,951	\$ 20,581	\$ 20,727
01.02.544210 Lab (Labor)	\$ 65,195	\$ 72,038	\$ 72,128	\$ 76,402	\$ 77,295
01.02.544220 Tests	\$ 6,326	\$ 7,882	\$ 11,670	\$ 6,699	\$ 6,434
01.02.544310 Lab Supplies	\$ 66,604	\$ 62,064	\$ 57,079	\$ 44,602	\$ 46,186
01.02.544410 Maintenance Supervision-Treatment (Labor)	\$ 229	\$ -	\$ 170	\$ 42	\$ 63
01.02.544510 Maint. & Improvement of Structures	\$ 4,769	\$ 1,654	\$ 176	\$ 742	\$ 1,000
01.02.544610 Maint. Of Treatment Plant Equipment	\$ 30,761	\$ 80,194	\$ 42,935	\$ 37,674	\$ 40,227
01.02.544620 Clarifier Repairs	\$ -	\$ -	\$ -	\$ -	\$ -
01.02.544710 Drying Bed Maint. & Disposal	\$ -	\$ 23,842	\$ 21,707	\$ 7,483	\$ 24,000
SUBTOTAL	\$ 251,313	\$ 330,518	\$ 260,814	\$ 194,224	\$ 215,932
RENTS/TRUCKS AND EQUIPMENT					
01.02.546110 Trucks and Equipment	\$ 13,759	\$ 12,524	\$ 16,244	\$ 11,830	\$ 14,000
01.02.546111 Equipment (vehicle)	\$ -	\$ -	\$ -	\$ -	\$ -
SUBTOTAL	\$ 13,759	\$ 12,524	\$ 16,244	\$ 11,830	\$ 14,000
EXPENSE					
01.02.548110 Customer Orders, Meter Reading (Labor)	\$ 66,481	\$ 66,659	\$ 68,635	\$ 65,352	\$ 68,920
01.02.548210 Customer Billing and Accounting (Labor)	\$ 30,104	\$ 28,141	\$ 30,844	\$ 31,803	\$ 32,822
SUBTOTAL	\$ 96,585	\$ 94,800	\$ 99,479	\$ 97,156	\$ 101,742

MUNICIPAL WATER AUTHORITY OF ALIQUIPPA
BUDGET HISTORY AND 2014 ADOPTED BUDGET
SEWER DEPARTMENT

	2010 ACTUAL	2011 ACTUAL	2012 ACTUAL	2013 ACTUAL	2014 BUDGET
EXPENDITURES					
GENERAL & ADMINISTRATION EXPENSES					
01.02.549110 Other General Office Salaries	\$ 60,415	\$ 80,269	\$ 46,401	\$ 58,345	\$ 58,446
01.02.549310 Office Supplies Expense	\$ 28,261	\$ 27,101	\$ 29,639	\$ 39,164	\$ 44,458
01.02.549510 Auditor	\$ 6,650	\$ 6,775	\$ 5,650	\$ 6,900	\$ 8,400
01.02.549610 Engineers Retainer	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200
01.02.549620 Engineers Expense	\$ 4,590	\$ 7,560	\$ 8,990	\$ 5,590	\$ 5,550
01.02.549710 Insurance - PIRMA - Auto	\$ -	\$ -	\$ -	\$ -	\$ -
01.02.549720 Insurance - PIRMA - Gen. Liability	\$ 2,585	\$ 2,582	\$ 22,555	\$ 24,746	\$ 30,000
01.02.549730 Insurance Workmens Comp.	\$ 13,682	\$ 11,792	\$ 14,067	\$ 10,362	\$ 11,330
01.02.549740 Insurance - Multi - Peril	\$ -	\$ -	\$ -	\$ -	\$ -
01.02.549750 Insurance - Boiler	\$ 1,160	\$ 870	\$ 1,178	\$ 1,196	\$ 1,200
01.02.549770 Insurance - Auto Physical	\$ -	\$ -	\$ -	\$ -	\$ -
01.02.549810 Insurance	\$ 15,469	\$ 12,613	\$ 16,249	\$ 16,848	\$ 16,225
01.02.549830 Employees Insurance and Pension (labor)	\$ 137,731	\$ 139,573	\$ 139,730	\$ 102,094	\$ 105,513
01.02.549840 Employees - Salary Pensions (labor)	\$ 67,536	\$ 24,973	\$ 20,591	\$ 16,226	\$ 18,320
01.02.549850 Miscellaneous General Expense	\$ 1,039	\$ 2,905	\$ 3,227	\$ 2,510	\$ 3,285
01.02.549860 Maintenance of General Property (Labor)	\$ 30,004	\$ 21,697	\$ 26,660	\$ 20,489	\$ 18,954
01.02.549890 Solicitor	\$ 3,900	\$ 3,575	\$ 3,900	\$ 3,900	\$ 3,900
SUBTOTAL	\$ 374,220	\$ 343,485	\$ 340,037	\$ 309,570	\$ 326,780
DEPRECIATION & INTEREST					
01.02.549910 Depreciation	\$ -	\$ -	\$ 152,666	\$ 152,666	\$ 152,666
SUBTOTAL	\$ 968	\$ 516	\$ 152,756	\$ 152,666	\$ 152,666
SEWER EXPENSE TOTAL	\$ 902,930	\$ 971,294	\$ 1,027,915	\$ 977,443	\$ 1,106,750
TOTAL NET SEWER REVENUE	\$ 492,096	\$ 427,499	\$ 685,467	\$ 818,119	\$ 652,089

MUNICIPAL WATER AUTHORITY OF ALIQUIPPA

CONSULTING ENGINEER'S REPORT

SCHEDULE OF INSURANCE

Municipal Water Authority of Aliquippa
Year 2014 - Schedule of Insurance

POLICY	% WATER	% SEWER	PREMIUM AMOUNT	DATE
Pirma-Auto (Liability)	50	50	\$ 5,731.00	10/19/13-10/19/14
Pirma-Public Officials (Liability)	100	0	\$ 5,919.00	10/19/13-10/19/14
Pirma-General Liability	60	40	\$ 61,866.00	10/19/13-10/19/14
H.A.R.I.E. Workers Compensation	60	40	\$ 28,820.00	08/01/13-08/31/14
Ameri-Group Multi-Peril Hicks Heim Mustio HH Policy No. CAP-5153905	50	50	\$ 28,844.00	07/05/12-07/05/15
Cincinatti Ins. Co. Policy No. BEP2667664	50	50	\$ 5,980.00	07/05/12-07/05/15
H. A. Thompson Risk Management Services Inland Marine and Auto Physical Damage	50	50	\$ 4,502.00	10/19/13-10/19/14

