

Theodore Gaynor, Chairman  
Greater Johnstown Water Authority  
Johnstown, Pennsylvania

## 1999 OPERATIONS REPORT OF THE MANAGER

Following on the heels of 1998's very dry autumn and winter seasons, 1999 was another year of below average rainfall. The pattern was repeated, ample rain during the first six months of the year, drying up during the second half of the year, allowing the drought conditions to maintain their hold on the region. This led again to water use restrictions in our service area.

A drought watch had been in effect all through the early months of the year as a result of the prior year conditions. On June 10, conditions warranted Drought Warning Status. This was followed by a Drought Emergency Proclamation by Governor Ridge on July 20<sup>th</sup>. Cambria and Somerset were included in the 55 counties covered in the Proclamation. Under the Emergency Proclamation non-essential water uses were restricted or prohibited. Watering of lawns, gardens and golf courses, washing paved surfaces and vehicles, filling ornamental fountains and swimming pools and even serving water at restaurants were affected. These restrictions remained in effect for Cambria County until September 30. Although the Authority's strong water supply was more than adequate to supply our customers through the drought period, the Authority nevertheless did experience a reduction in water sales of approximately 10% during this period. This amounts to approximately \$140,000 in lost revenues. When the lingering effect of these restrictions are considered the loss could be even greater. The reduction in metered sales to residential and commercial customers from 1998 to 1999 totaled \$177,680. Certainly a large portion of this reduction is a result of the drought's impact.

The amount of raw water purchased from the Quemahoning Reservoir of the Manufacturers Water Company during 1999 totaled 711 million gallons, nearly two million gallons per day. This was partially due to the effects of the 1998 drought which did not allow the North Fork Reservoir to begin recovery until mid-January. Que water usage in the second half of the year was necessitated by the declining water level in both Dalton Run and North Fork Reservoirs. Dalton was turned off for a total of 135 days because of the low water level. In addition, North Fork was off for periods of time during September, November and December to allow divers to make needed replacement of valve operating stems in the reservoir intake tower. Quemahoning provided a much needed alternative supply during the periods the Authority's reservoirs were out of service.

Theodore Gaynor  
2000

- 2 -

March 10,

Progress continues to be made in reducing the unaccounted-for-water in the system. 1999's efforts were successful in reducing the percentage by nearly 5%. In addition to reducing the gross unaccounted-for figure many of the unmetered uses and known losses are being identified and quantified. These include the routine flushing program and the continuous running of water in areas to maintain water safety and quality. By quantifying these uses and losses, decisions on system improvements to eliminate these problems can be better made and justified. During the 3<sup>rd</sup> and 4<sup>th</sup> quarters of 1999, the adjusted unaccounted-for-water figure dropped below 20%. Further reducing the water loss will become more difficult as we try to locate smaller, well concealed leaks.

Capital Expenditures for 1999 amounted to \$1.752 million, just slightly lower than the prior year's total. Routine expenditures made up the largest portion of the total with remote metering and backflow programs amounting to \$630,594. Replacing old lead service lines totaled \$341,779 and fire hydrants replacements totaled \$60,989. Bid project expenditures during the year included; pressure improvement projects in Westmont, Lower Yoder Township, Franklin Borough and the City of Johnstown totaling nearly \$204,000; pipeline replacement in the 8<sup>th</sup> Ward of the City totaled \$138,500; replacing diesel fuel tanks at Millcreek and Dale Pump Stations at \$52,500 and the North Fork valve stem replacement project costs were \$65,700.

Several of the bid projects were carried over to the current year because of delays in obtaining materials.

The number of customers served by the Authority continued to decline. During 1999 the number decreased by 43, the greatest decline of any year during the 90's. Over the past 12 years the Authority's system has grown by the acquisition of the Upper Yoder Township System and in expansion in West Taylor's Wildcat Road area and Conemaugh Township's Ideal Park area. These expansions have added more than 400 new customers.

The disturbing fact is, that the total number of customers is the same today as it was before these additions. We continue to lose customers in our core service area.

In August of 1999, the Authority and Laurel reached an agreement on a 5-year extension of the contract to operate and maintain the water system.

The agreement which extends through February 17 of 2005 marks a public-private partnership of more than 40 years. Laurel appreciates the opportunity to continue to provide this service to the Authority and to its customers. We want to express our appreciation for the continued fine cooperation extended to us by the Authority members, the administrative assistant, the solicitor, the consulting engineer and the accountant.

WILLIAM J. CVRKEL, President

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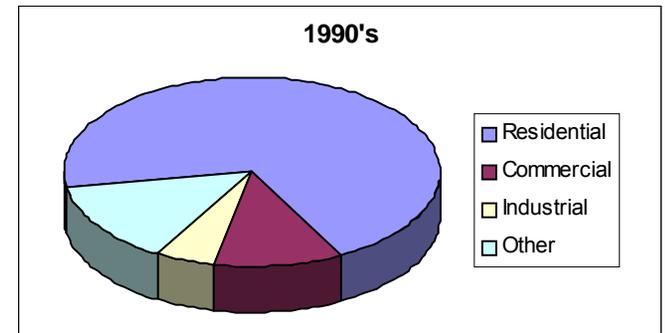
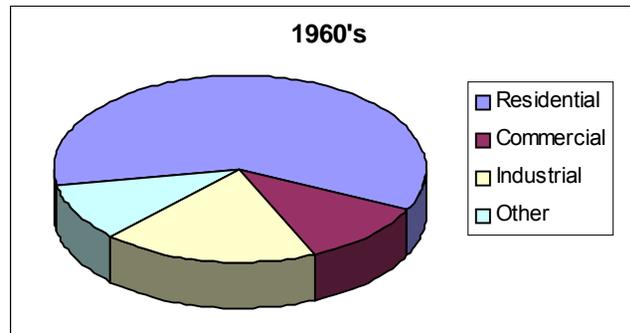
## OPERATING REVENUES

	<u>1999</u>	<u>1998</u>	<u>1997</u>	<u>1996</u>	<u>1995</u>
Metered Sales to Residential Customers	\$5,737,376	\$5,856,855	\$5,393,793	\$5,289,754	\$5,437,391
Metered Sales to Commercial Customers	1,034,501	1,092,602	919,943	911,190	964,802
Metered Sales to Industrial Customers	496,738	446,239	358,258	357,320	362,437
Flat-Rate Sales to Commercial Customers	16,180	14,630	12,015	11,015	7,240
Private Fire Protection	111,541	109,408	107,182	106,068	102,097
Public Fire Protection	206,212	206,227	205,877	200,349	203,888
Other Sales to Public Authorities	281,800	263,926	220,332	203,672	192,578
Sales to Other Water Utilities	93,450	102,019	83,668	102,202	92,953
Penalties/ Bad Check Charges/ Missed Appointments	98,454	93,654	92,171	90,340	85,286
Backflow	233,642	233,959	237,005	239,757	189,460
Miscellaneous Revenues	483,910	300,176	265,293	339,733	201,312
<b>TOTAL</b>	<b>\$8,793,804</b>	<b>\$8,719,695</b>	<b>\$7,895,537</b>	<b>\$7,851,400</b>	<b>\$7,839,444</b>

## SOURCE OF REVENUES BY CUSTOMER CLASSIFICATION

Percent of Total Operating Revenues

<b>REVENUE BY CLASSIFICATION</b>		
Classification	1960's	1990's
Residential	60%	70%
Commercial	11%	11%
Industrial	19%	5%
Other	10%	14%
	<u>100%</u>	<u>100%</u>



## NUMBER OF CONSUMERS

	<u>1999</u>	<u>1998</u>	<u>1997</u>	<u>1996</u>	<u>1995</u>
<u>BY CLASSIFICATION</u>					
Domestic	20,704	20,739	20,751	20,787	20,822
Commercial	1,189	1,199	1,191	1,191	1,198
Industrial	106	105	105	104	105
Public	123	122	121	122	121
Other Utilities	<u>2</u>	<u>2</u>	<u>1</u>	<u>1</u>	<u>1</u>
TOTAL	22,124	22,167	22,169	22,205	22,247
<u>BY SUPPLY SYSTEMS</u>					
Gravity	9,716	9,770	9,792	9,828	9,862
Pumping	<u>12,408</u>	<u>12,397</u>	<u>12,377</u>	<u>12,377</u>	<u>12,385</u>
TOTAL	22,124	22,167	22,169	22,205	22,247
<u>BY MUNICIPALITIES</u>					
City of Johnstown	10,695	10,741	10,752	10,794	10,834
Westmont Borough	2,274	2,276	2,271	2,271	2,270
Dale Borough	566	567	572	570	570
Southmont Borough	948	947	945	943	942
Ferndale Borough	805	806	807	808	809
Brownstown Borough	374	374	374	374	374
Lorain Borough	357	357	358	359	358
East Conemaugh Borough	698	701	701	701	706
Franklin Borough	229	229	230	232	233
Upper Yoder Township	2,095	2,092	2,091	2,091	2,086
Lower Yoder Township	1,383	1,384	1,383	1,383	1,383
Stonycreek Township	621	621	620	619	619
West Taylor Township	367	365	361	359	359
East Taylor Township & Mineral Point	51	49	48	47	47
Conemaugh Township, Cambria County	7	6	6	6	10
Conemaugh Township, Somerset County	325	326	324	323	321
Middle Taylor Township	<u>329</u>	<u>326</u>	<u>326</u>	<u>325</u>	<u>326</u>
TOTAL	22,124	22,167	22,169	22,205	22,247

## CONSUMER INFORMATION

<u>AVERAGE WATER BILL</u>			<u>AVERAGE WATER CONSUMPTION (M.GALLONS)</u>	
<u>All Consumers</u>	<u>Residential Consumer</u>	<u>YEAR</u>	<u>All Consumers</u>	<u>Residential Consumer</u>
\$ 316.90	261.13	1995	84.6	45.3
309.13	254.47	1996	82.2	44.5
314.67	259.93	1997	83.5	45.2
350.14	282.41	1998	84.2	45.8
345.50	277.11	1999	80.8	43.8

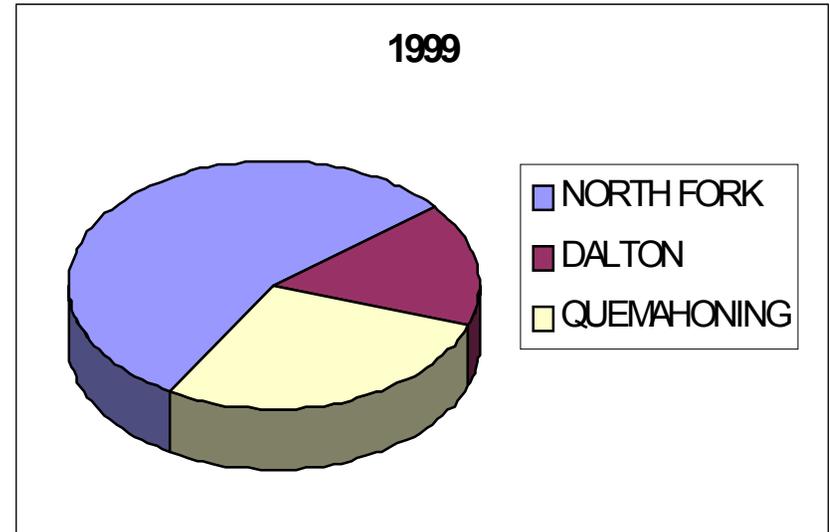
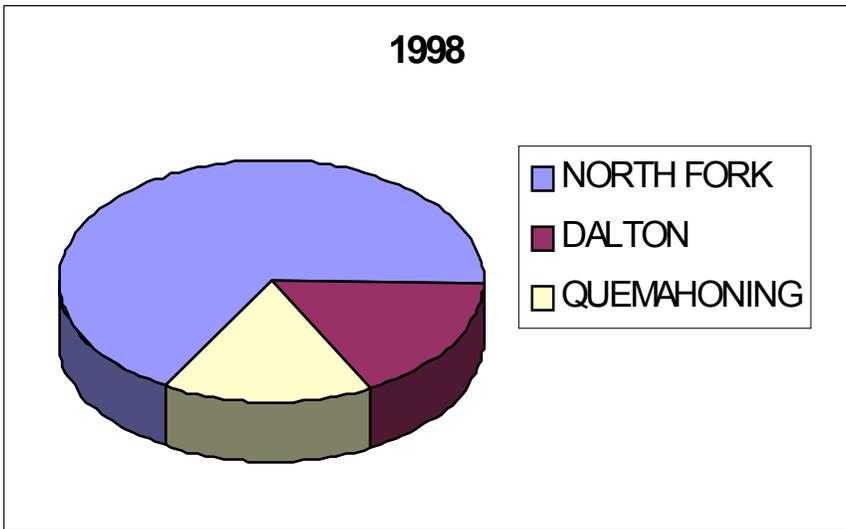
### BILL ADJUSTMENTS

During the year of 1999, eleven bills were presented to the Authority to consider for an adjustment. The aggregate billing of this group was adjusted to \$1,497.23 from the original billing total of \$8,396.72.

## WATER SUPPLIED

### RAW WATER SUPPLIED TO RIVERSIDE TREATMENT PLANT (Daily Average in Million Gallons)

	<u>NORTH FORK</u>	<u>DALTON RUN</u>	<u>QUEMAHONING</u>	<u>TOTAL</u>
Allocation	7.25	2.250	5.400	
Yield/Minimum Release Required	6.50 / 0.860	0.800 / 0.410	62.000	
Adjusted Yield	5.640	0.390	62.000	
1997	6.434	0.777	1.096	8.227
1998	5.216	1.313	1.250	7.780
1999	3.888	1.142	1.949	6.979



**TREATED WATER** (Daily Average in Million Gallons)

	<u>TREATMENT PLANT</u>	<u>RED RUN WELL</u>	<u>MINERAL POINT WELL</u>	<u>TOTAL</u>
Delivered Capacity	14.700	0.250	0.060	15.010
1997	8.270	0.119	0.113	8.402
1998	7.697	0.120	0.014	7.832
1999	6.836	0.138	0.011	6.985

**METERED CONSUMPTION** (Daily Average in Million Gallons)

<u>YEAR</u>	<u>DOMESTIC</u>	<u>COMMERCIAL</u>	<u>INDUSTRIAL</u>	<u>OTHER SALES</u>	<u>TOTAL</u>
1997	2.571	1.024	0.936	.544	5.074
1998	2.602	1.052	0.893	.571	5.118
1999	2.483	0.897	0.987	.531	4.898

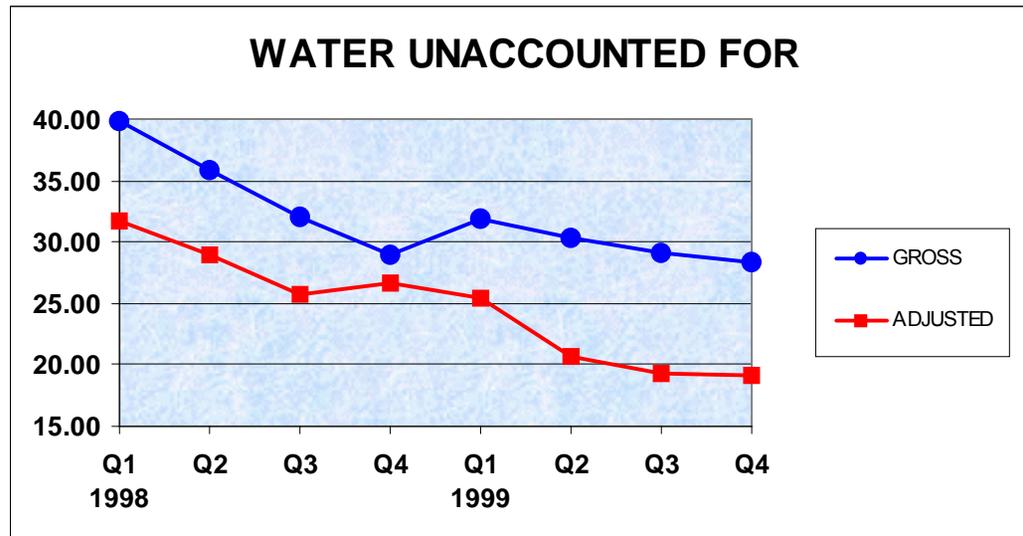
**WATER UNACCOUNTED FOR**

The percentage of Water Unaccounted For is the Metered Consumption related to the Treated Water delivered to the distribution system. This includes unmetered water provided for fire protection purposes and to flat-rate consumers, water used for flushing and maintenance of water quality, and water lost through leakage.

1997 - 39.6%

1998 - 34.2%

1999 - 29.9%



**AVERAGE DAILY PUMPING**

**(Millions of Gallons)**

SYSTEM	CAPACITY		YEAR				
	STORAGE	PUMPING*	1995	1996	1997	1998	1999
MILLCREEK	3.802	3.200	2.225	2.094	1.815	1.767	1.977
DALE	2.024	0.800	0.479	0.468	0.441	0.395	0.343
FRANKLIN	0.735	0.530	0.087	0.089	0.096	0.073	0.100
MORRELLVILLE	0.574	0.530	0.237	0.204	0.238	0.203	0.205
PROSPECT	0.458	0.450	0.094	0.099	0.095	0.091	0.089
MIDDLE TAYLOR	0.100	0.116	0.055	0.078	0.042	0.042	0.052
TENTH WARD	0.100	0.200	0.010	0.008	0.009	0.022	0.017
SADIE STREET	0.180	0.065	0.010	0.010	0.016	0.022	0.028
DECKER AVENUE**	0.055	0.046	0.002	0.006	0.009	0.012	0.007
UPPER YODER**	0.200	0.300	0.165	0.114	0.087	0.106	0.126
CROYLES	0.012	0.300	0.009	0.011	0.022	0.050	0.033
VIEWMONT***	-	1.080	-	-	-	-	0.405
TOTAL	8.240	7.617	3.373	3.181	2.870	2.783	3.382

\*Pumping capacity is based on operating the larger of the pumps in each installation 80% of the off-peak load time and the smaller pump during the remaining off-peak load time.

\*\*These systems are repumped systems.

\*\*\*Viewmont is a constant pressure pumping system with variable speed pumps and no storage capacity. It is also a repumped system.

## GENERAL INFORMATION

### DATE OF LOWEST RESERVOIR STORAGE

	<u>Date</u>	<u>Percent of Capacity</u>
1995	November 10	74.6
1996	October 18	98.9
1997	November 1	84.8
1998	December 21	59.4
1999*	January 7	58.8
1999	November 25	66.0

#### Lowest Storage on Record

1953	December 12	36.2
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### RECORD ANNUAL RAINFALL

1996	HIGH	65.96 inches
1930	LOW	32.75 inches

### HIGHEST DAILY AMOUNT OF WATER DELIVERED

	<u>Date</u>	<u>Million Gallons</u>
1995	October 2	10.458
1996	June 15	11.873
1997	July 12	10.442
1998	March 3	9.534
1999	July 6	8.802

#### Highest on Record

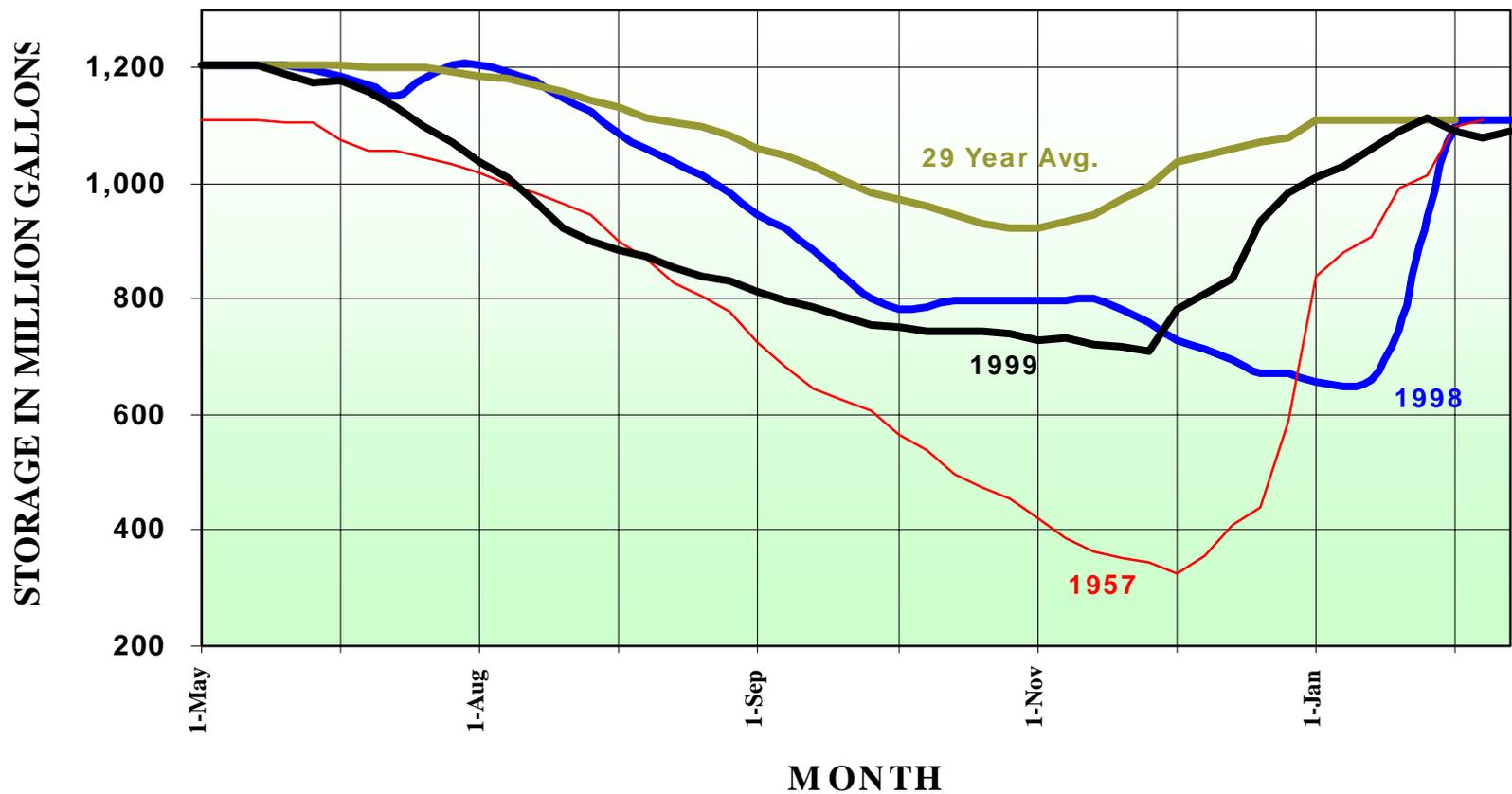
1959	June 30	22.500
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### ESTIMATED DELIVERY CAPACITY

Treatment Plant Capacity	14.700
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\*Reservoirs did not begin recovery from 1998 drought until January 1999

# STORAGE AT NORTH FORK RESERVOIR





## GENERAL INFORMATION

<u>PUBLIC FIRE HYDRANTS IN SERVICE BY MUNICIPALITIES</u>	
City of Johnstown	441
Brownstown Borough	17
Dale Borough	15
East Conemaugh Borough	26
Ferndale Borough	21
Franklin Borough	19
Lorain Borough	17
Southmont Borough	48
Westmont Borough	95
Lower Yoder Township	74
Stonycreek Township	25
Upper Yoder Township	106
West Taylor Township	38
Conemaugh Township, Somerset County	16
East Taylor Township, Mineral Point	1
Middle Taylor Township	31
TOTAL	990
Private Fire Hydrants	6
Private Sprinkler Systems	115

PUBLIC FIRE HYDRANTS  
INSTALLED DURING 1999

None

<u>METERS IN SERVICE BY SIZE</u>		
<u>Size in Inches</u>	<u>Net Change in 1999</u>	<u>Number as of 12-31-99</u>
5/8	(36)	20,660
3/4	(5)	870
1	(3)	280
1-1/2	(1)	114
2	1	72
3	0	4
4	0	45
6	1	18
8	0	5
TOTAL	(43)	22,068
Additional Families	0	56
Total Consumers	(43)	22,124

## GENERAL INFORMATION

<u>WATER MAINS IN SERVICE</u>			
<u>Size In Inches</u>	<u>Feet as of 12-31-98</u>	<u>1999 Net Changes</u>	<u>Feet as of 12-31-99</u>
3/4	476	-	476
1	6,745	(125)	6,620
1-1/4	898	-	898
1-1/2	11,608	(48)	11,560
2	16,493	-	16,493
3	1,487	-	1,487
4	147,575	(174)	147,401
6	616,751	215	616,966
8	414,182	-	414,182
10	15,763	-	15,763
12	105,439	-	105,439
16	54,541	-	54,541
20	69,008	-	69,008
24	58,897	-	58,897
30	18,643	-	18,643
36	2,832	-	2,832
<hr/>			
GJWA Total	1,541,338	(132)	1,541,206

meters  
1926 being put

<u>RECORDED SERVICE LINES*</u>			
<u>Size In Inches</u>	<u>Number as of 12-31-98</u>	<u>1999 Net Changes</u>	<u>Number as of 12-31-99</u>
1/2	27	-	27
5/8	4,368	(1)	4,367
3/4	4,851	11	4,862
1	981	9	990
1-1/4	119	-	119
1-1/2	153	-	153
2	169	-	169
4	52	-	52
6	37	2	39
8	5	1	6
<u>Additional Curb Boxes</u>	<u>900</u>	<u>(6)</u>	<u>894</u>
GJWA TOTAL	11,662	16	11,678
FIRE SERVICES	137	2	139

\*The difference in the number of service lines and water in service results from all service lines prior to in by the consumer.

## 1999 SUMMARY OF BACTERIOLOGICAL DATA

<u>YEAR</u>	<u>NUMBER OF SAMPLES ANALYZED</u>		<u>AVERAGE TOTAL COUNT BACTERIA PER ML</u>		
	<u>Raw</u>	<u>Treated</u>	<u>Raw</u>	<u>Treated</u>	<u>% Reduced</u>
1995	1,244	3,016	751	19.3	97
1996	1,272	2,655	289	22.4	92
1997	1,218	2,599	214	3.4	98
1998	769	2,135	66	6.9	90
1999	841	2,148	106	3.8	96

### 1999 AVERAGE TOTAL & FECAL COLIFORM PER ML

<u>SURFACE SOURCES</u>	<u>RAW</u>		<u>TREATED</u>	
Dalton	8.5	)		
North Fork	3.0	)	Riverside*	0.0
Quemahoning	6.3	)		100%
 <u>GROUNDWATER SOURCES</u>				
Red Run	0.0		0.0	100%
Mineral Point	0.0		0.0	100%

\*Dalton, North Fork and Quemahoning waters are combined in treatment at Riverside

## 1999 AVERAGE OF CHEMICAL ANALYSES

	SURFACE WATER SOURCES			MAXIMUM CONTAMINANT LEVEL	GROUND WATER SOURCES	
	DALTON	NORTH FORK	RIVERSIDE**		RED RUN WELL	MINERAL POINT WELL
pH	6.93	6.99	7.38	6.5-8.5	7.54	8.06
Turbidity	1.72	1.14	0.20	1 N.T.U.	0.18	0.21
Color	17.56	9.28	0.02	15 Units	0.05	1.07
Iron	0.121	0.102	0.032	0.30 mg/l	0.027	0.122
Alkalinity	8.1	8.8	16.2	*	27.8	212.3
Hardness	27.96	27.00	60.46	*	37.13	83.34
Sulfates	24.24	22.17	43.10	250 mg/l	23.67	0.68
Total Solids	63.14	55.55	104.60	500 mg/l	61.69	340.86
Antimony	N.T.	N.T.	N.T.	0.006 mg/l	N.T.	N.T.
Arsenic	N.T.	N.T.	N.T.	0.050 mg/l	N.T.	N.T.
Barium	N.T.	N.T.	N.T.	2. mg/l	N.T.	N.T.
Berillium	N.T.	N.T.	N.T.	0.0040 mg/l	N.T.	N.T.
Cadmium	N.T.	N.T.	N.T.	0.005 mg/l	N.T.	N.T.
Calcium	18.4	18.9	45.8	*	34.3	77.5
Chromium	N.T.	N.T.	N.T.	0.1 mg/l	N.T.	N.T.
Copper	N.T.	N.T.	<0.01	1.3 mg/l	<0.01	<0.01
Cyanide	N.T.	N.T.	N.T.	0.2 mg/l	N.T.	N.T.
Fluoride	N.T.	N.T.	1.03	4. mg/l	0.98	0.99
Lead	N.T.	N.T.	<0.0005	0.015 mg/l	<0.0005	<0.0005
Mercury	N.T.	N.T.	N.T.	0.002 mg/l	N.T.	N.T.
Nitrate	N.T.	N.T.	0.78	10. mg/l	0.42	N.D.
Nitrite	N.T.	N.T.	N.D.	1. mg/l	N.D.	N.D.
Nickel	N.T.	N.T.	N.T.	0.1 mg/l	N.T.	N.T.
Selenium	N.T.	N.T.	N.T.	0.05 mg/l	N.T.	N.T.
Sodium	N.T.	N.T.	N.T.	20. mg/l	N.T.	N.T.
Thallium	N.T.	N.T.	N.T.	0.002 mg/l	N.D.	N.D.
Trihalomethanes	N.T.	N.T.	0.290	0.080 mg/l	N.D.	0.0472
Haloacetic Acids	N.T.	N.T.	0.0169	0.060 mg/l	N.T.	N.T.
Gross Alpha	N.T.	N.T.	1.31	15.0 pic/l	1.31	1.47
Radon	N.T.	N.T.	N.T.	*	893.	388.

< = Less than

\* = No Maximum Contaminant Level

N.D. = None detected

N.T. = Not tested

\*\* = Riverside is a combination of Dalton, North Fork and Quemahoning water.

## 1999 AVERAGE OF CHEMICAL ANALYSES (Continued)

	<u>RIVERSIDE</u>	<u>RED RUN</u>	<u>MAXIMUM CONTAMINANT LEVEL</u>	<u>UNITS</u>
<u>VOLATILE ORGANIC CHEMICALS:</u>				
Benzene	N.D.	N.D.	0.005	mg/l
Carbon Tetrachloride	N.D.	N.D.	0.005	mg/l
1,2-Dichloroethane	N.D.	N.D.	0.005	mg/l
o-Dichlorobenzene	N.D.	N.D.	0.6	mg/l
para-Dichlorobenzene	N.D.	N.D.	0.075	mg/l
1,1-Dichloroethylene	N.D.	N.D.	0.007	mg/l
cis-1,2-Dichloroethylene	N.D.	N.D.	0.07	mg/l
trans-1,2-Dichloroethylene	N.D.	N.D.	0.1	mg/l
Dichloromethane	N.D.	N.D.	0.005	mg/l
1,2- Dichloropropane	N.D.	N.D.	0.005	mg/l
Ethylbenzene	N.D.	N.D.	0.7	mg/l
Monochlorobenzene	N.D.	N.D.	0.1	mg/l
Styrene	N.D.	N.D.	0.1	mg/l
Tetrachloroethylene	N.D.	N.D.	0.005	mg/l
Toluene	N.D.	N.D.	1.	mg/l
1,2,4-Trichlorobenzene	N.D.	N.D.	0.07	mg/l
1,1,1-Trichloroethane	N.D.	N.D.	0.2	mg/l
1,1,2-Trichloroethane	N.D.	N.D.	0.005	mg/l
Trichloroethylene	N.D.	N.D.	0.005	mg/l
Vinyl Chloride	N.D.	N.D.	0.002	mg/l
Xylenes (total)	N.D.	N.D.	10.	mg/l

N.D. = None detected

## REVENUES DERIVED FROM AUTHORITY PROPERTIES

OPERATOR	WATERSHED	TRACT	BOARD FEET	AMOUNT
<u>TIMBER REVENUES</u>				
JCM Industries	North Fork / Dalton	Boswell Lumber Co.- Peterson – Strauss	296,136	\$ 136,720
JCM Industries	-	Sadie Street Tank	36,345	20,354
Wenturine Bros.	Millcreek	Cambria Iron	59,240	30,558
Cameron Lumber	Dalton	Keafer – Roddy - Hofecker	374,330	244,000
TOTAL			766,051	\$ 431,632
Average Price Per Thousand Board Feet - \$563.45				
<u>RIGHTS-OF-WAY FEES &amp; LEASE FEES</u>				
Peoples Natural Gas Co.	Red Run	Gas storage on 1579.2 acres		\$ 3,158
Peoples Natural Gas Co.	Red Run	Annual Road Rental		50
TOTAL				\$ 3,208

## OPERATING EXPENSES

### PUBLIC UTILITY ACCOUNTS

<u>SOURCE OF SUPPLY</u>		<u>CUSTOMER ACCOUNTING AND COLLECTING</u>	
701 Operation Supervision and Engineering	\$ 22,412	780 Supervision	
36,023		781 Contracts, Orders, Meter Reading & Collections	
702 Operation Labor	133,527	782 Billing and Accounting	-
241,381		704 Maintenance Supervision and Engineering	
703 Operation Supplies and Expenses	7,186		
171,791			
6,988	TOTAL \$ 449,195		
705 Maintenance of Source of Supply Plant	70,852	<u>ADMINISTRATION AND GENERAL</u>	
	TOTAL \$240,965	791 General Office Salaries	\$
295,329		792 Expenses of Officers & Office Employees	
<u>POWER AND PUMPING</u>		793 General Office Supplies and Expenses	
29,745		795 Special Services	
721 Operation Supervision and Engineering	\$ 18,918	798 Insurance	
142,933		799 Injuries and Damages	
722 Operation Labor	119,745	800 Employees' Welfare Expenses and Pensions	
8,698		801 Miscellaneous General Expenses	
724 Supplies and Expenses	3,542	802 Maintenance of General Property	
96,739		808 Rent	-
725 Maintenance Supervision and Engineering	10,482		
23,523			
726 Maintenance of Structures and Improvements	16,259		
221,574			
727 Maintenance of Power and Pumping Equipment	36,995		
137,638			
729 Power Purchased or Transferred	0		
146,366			
	TOTAL \$205,941		
87,431			
<u>PURIFICATION AND LABORATORY</u>			<u>TOTAL</u>
\$1,189,976			
741 Operation Supervision and Engineering	\$ 7,284		
742 Purification and Laboratory Labor	49,026		
\$3,012,945			SUBTOTAL
743 Purification and Lab Supplies and Expenses	17,148		
744 Maintenance Supervision and Engineering	7,072	Depreciation	
85,091			
745 Maintenance of Structures and Improvements	26,409		
746 Maintenance of Purification and Lab Equipment	323	Payroll Taxes	-
139,022			
	TOTAL \$107,262		
<u>TRANSMISSION AND DISTRIBUTION</u>			
751 Operation Supervision and Engineering	\$ 57,401		
752 Departmental Office Expenses	37,617		
		TOTAL OPERATING COSTS:	
		Basic Management Agreement	



## UTILITY PLANT IN SERVICE- ADJUSTMENT BY YEARS

<u>Year</u>	<u>Gross Capital Expenditures</u>	<u>Less Contributions in Aid of Construction</u>	<u>Less Government Contributions</u>	<u>Actual Authority Investment</u>
First 10 yrs. of Authority Operation 1964-1973	Annual Average  \$ 166,700	Annual Average  \$ 30,039	Annual Average  \$ 10,230	Annual Average  \$ 126,431
1974	260,395	21,568	-	238,827
1975	231,869	54,696	-	177,173
1976	266,221	52,767	-	213,454
1977	1,442,659	54,596	1,026,016	362,047
1978	1,147,656	92,143	526,942	528,571
1979	1,787,795	171,985	738,821	876,989
1980	1,988,091	189,767	885,639	912,685
1981	1,817,654	219,399	800,973	797,282
1982	3,564,062	148,228	1,973,912	1,441,922
1983	1,653,332	28,357	111,175	1,513,800
1984	1,797,800	44,025	-	1,753,775
1985	2,158,472	224,445	-	1,934,027
1986	2,983,242	38,087	-	2,945,155
1987	1,537,181	297,938	-	1,239,243
1988	944,808	209,053	-	735,755
1989	1,392,427	96,689	-	1,295,738
1990	4,455,249	313,747	-	4,141,502
1991	5,832,711	193,028	163,839	5,475,844
1992	4,614,149	113,644	150,782	4,349,723
1993	4,800,611	114,298	28,958	4,657,355
1994	5,889,640	87,364	48,696	5,753,580
1995	2,720,319	160,090	-	2,560,229
1996	2,054,472	40,891	-	2,013,581
1997	2,192,720	39,025	-	2,153,695
1998	1,798,287	90,861	-	1,707,426
1999	1,751,733	124,494	-	1,627,239
36-Year Average	\$1,743,071	\$ 97,822	\$ 182,168	\$1,463,081

## UTILITY PLANT IN SERVICE

### Summary of Adjustments by Greater Johnstown Water Authority as of December 31, 1999

ACCOUNT	Balance 12-31-98	1999 Additions	1999 Contributions in Aid of Construction	1999 Retirements	Net Increase Or (Decrease)	Balance 12-31-99
301 - ORGANIZATION	\$ 4,466	\$ -	\$ -	\$ -	\$ -	\$ 4,466
311 - LAND AND LAND RIGHTS	978,592	-	1,500	-	1,500	980,092
312 - STRUCTURES / IMPROVEMENTS	32,971,639	162,132	-	(5,827)	156,305	33,127,944
316 - ELECTRIC PUMPING EQUIPMENT	1,013,375	7,141	-	(9,017)	(1,876)	1,011,499
317 - OIL ENGINE PUMPING EQUIPMENT	295,206	53,881	-	(2,850)	51,031	346,237
319 - GASOLINE PUMPING EQUIPMENT	7,904	-	-	-	-	7,904
320 - PURIFICATION SYSTEM	3,598,964	-	-	(26,473)	(26,473)	3,572,491
321 - LABORATORY EQUIPMENT	50,611	-	-	-	-	50,611
322 - MAINS AND ACCESSORIES	21,201,740	469,987	39,281	(4,148)	505,120	21,706,860
323 - SERVICES	6,954,462	341,779	65,237	(6,669)	400,347	7,354,809
324 - METERS	2,264,450	630,594	2,975	(135,204)	498,365	2,762,815
325 - FIRE HYDRANTS	1,132,742	60,989	15,501	(8,206)	68,284	1,201,026
328 - OFFICE FURNITURE / EQUIPMENT	100,556	24,170	-	(5,370)	18,800	119,356
333 - COMMUNICATION EQUIPMENT	8,254	-	-	-	-	8,254
334 - MISCELLANEOUS EQUIPMENT	32,992	1,060	-	(798)	262	33,254
<b>TOTAL</b>	<b>\$70,615,953</b>	<b>\$1,751,733</b>	<b>\$124,494</b>	<b>\$(204,562)</b>	<b>\$1,671,665</b>	<b>\$72,287,618</b>

## UTILITY PLANT IN SERVICE

### Additions by Greater Johnstown Water Authority in 1999

#### ACCOUNT 312 - STRUCTURES AND IMPROVEMENTS

##### 2 - Power and Pumping Structures

#### Decker Avenue Pump Station

Install gravity louvers to improve ventilation \$ 161

#### Viewmont Pump Station

Additional construction and engineering costs 25,044

1 – Steel heavy duty storage cabinet 432

#### Croyles Pump Station

1 – Steel heavy duty storage cabinet 432

#### Millcreek Pump Station / Emergency Diesel Pump Room

Steel double door and frame on pump room 2,739

New roofing on both buildings – Brai Sp4- 12 year warranty 5,900

#### Morrellville Pump Station

Fluorescent light fixtures 757

#### Dale Pump Station

Fluorescent light fixtures 489

##### 3 - Purification Buildings

#### Riverside Water Treatment Plant

2 – HACH EC1000 Process pH Systems 3,107

2 – Flow-thru Cell Kits 158

#### North Fork Chlorine House

Additional costs on steel cover for fluoride pit 341

#### Saltlick Water Treatment Plant (Proposed)

Engineering costs rendered in connection with construction of new plant 12,996

ACCOUNT 312 - STRUCTURES AND IMPROVEMENTS (Continued)

5 - Distribution Reservoirs and Standpipes

Franklin Pumping Storage Tank  
Electric service line to tank \$ 3,257

Viewmont Tank

Restructure gate and fence on site of underground Westmont Tank 1,648

Moxham Tank

Install a steel security gate at the entrance 1,158

Sadie Street Tank  
1 – 247 Sump Pump 162

11 - Collecting and Impounding Reservoirs

North Fork Reservoir  
Additional engineering costs related to the gatehouse drain valve installation at dam 266

Engineering costs rendered in connection with spillway bridge replacement 453

Engineering costs rendered in connection with the evaluation of spillway capacity 11,445

Construction and engineering costs related to the replacement of valve and stem 65,731

1 – Manmarc 14PW99, DC to DC Converter with multifunction and communication boards 2,305

Dalton Run Reservoir  
Engineering costs rendered in connection with the evaluation of spillway capacity 10,607

Saltlick Reservoir  
Pressure treated wooden door for the access tunnel 1,709

Additional costs to extend piezometers located on emergency spillway 3,639

15 - Other Water Source Structures

Dalton Run Caretaker's House

Rebuild exterior kitchen door steps 1,839

North Fork Caretaker's House  
14 – White double hung windows, insulated glass and screens 3,900

ACCOUNT 312 - STRUCTURES AND IMPROVEMENTS (Continued)

15 - Other Water Source Structures (Continued)

Saltlick Caretaker's House

Additional costs to install sanitary sewer line to newly constructed sewer main \$ 621

1 – Manmarc 14PW99 DC to DC Converter with communication board 836

\$ 162,132

ACCOUNT 316 - ELECTRIC PUMPING EQUIPMENT

Middle Taylor Pump Station

Additional costs to install transmitter 81

Morrellville Pump Station

Additional costs to install transmitter 81

Dale Pump Station

Additional costs to install transmitter 371

Fabricate new shaft for Pump #1 2,076

Decker Avenue Pump Station

1 – Duriron Pump, 1K1-1/2x1-82 installed 3,539

Millcreek Pump Station

Reface armature and rewind coils on the 4160 volt motor starters 993 7,141

ACCOUNT 317 - OIL ENGINE PUMPING EQUIPMENT

Millcreek / Dale Pump Stations

Construction and engineering costs rendered in connection with removal and replacement of existing fuel tanks 52,539

Dale Pump Station

1 - #290488 Muffler on the emergency diesel generator 1,342 53,881

ACCOUNT 322 - MAINS AND ACCESSORIES

Concrete encasement of stream crossings Additional engineering costs 2,702

System Improvement to areas in Lower Yoder Township, the City and Franklin Borough Construction and engineering costs 105,836

Main improvements to supplement fire flows in Westmont Borough Additional engineering and construction costs 72,977

Hillcrest Court near Good Street, 8<sup>th</sup> Ward Install a 1¼" Blowoff 996

ACCOUNT 322 – MAINS AND ACCESSORIES (Continued)

Shady Lane and Low Alley, Southmont Borough	Install a 1¼" Blowoff	\$ 2,131	
Menoher Highway below Pickin' Chicken, UYT	60' of 6" Ductile Iron Pipe	4,312	
Wertz Road, 17 <sup>th</sup> Ward	Install a 1¼" Blowoff	546	
North Fork Reservoir, Conemaugh Twp., Somerset County	Install differential cell transformer	471	
Kerry Court and Kenesaw Lane, Upper Yoder Township	Replace 10 existing saddles	9,739	
Hopp, Mayer, Milford Streets, 8 <sup>th</sup> Ward	Construction and engineering costs	138,545	
Calvin Drive, Westmont Borough	Engineering costs	5,000	
Culin Street, 8 <sup>th</sup> Ward	Install a 1¼" Blowoff	877	
Locust Alley near Walnut Street, 2 <sup>nd</sup> Ward	17' of 4" Ductile Iron Pipe	4,158	
Broad Street and Fairfield Avenue, 20 <sup>th</sup> Ward	Gears on 20" bevel gear valve on supply main	3,163	
Case Avenue, Westmont Borough	Install a 1¼" Blowoff	2,353	
Ferndale Avenue near House #1514, Upper Yoder Twp.	Install a 1¼" Blowoff	1,285	
Flax Street near Bellvue Street, 8 <sup>th</sup> Ward	Additional costs to Blowoff	72	
Shady Oak Drive, Upper Yoder Township	Install a cut-in valve	1,731	
Bossler Street near Cypress Avenue, 17 <sup>th</sup> Ward	Install a 1¼" Blowoff	1,249	
Shady Oak, Pinecrest and Longview Drives, Upper Yoder Township	Replace 10 existing saddles	9,331	
Robb, 6 <sup>th</sup> Ward; Pine, 7 <sup>th</sup> Ward; Boyer St., 21 <sup>st</sup> Ward	Engineering and advertising costs	29,542	
Main Street, 1 <sup>st</sup> and 2 <sup>nd</sup> Ward	Engineering and advertising costs	15,047	
Woodcrest and Laurelview Drives, Upper Yoder Twp.	Install 2 cut-in valves	4,001	
Flora Street, Norton Road and D St., Lower Yoder Twp.	Inspection costs	1,534	
Penrod Street and Ringling Avenue, Stonycreek Twp.	Install ¾" air valve	1,897	
Valley Pike and Edmund Place, 8 <sup>th</sup> Ward	35' of 6" Ductile Iron Pipe	5,662	
Upper Yoder Pump Station, Menoher Heights	Install a fire hydrant connection on high pressure line	3,213	
Fender Lane at dead end past Meadow Drive, Upper Yoder Township	Install flushing connection	1,426	
Fairfield Avenue at Garfield Street, 20 <sup>th</sup> Ward	Install a 6" valve	3,220	
20" North Fork Main crossing above Fun City, Conemaugh Township, Somerset County	Concrete encase 125' of 20" main	5,836	
Benscreek Shopping Center, Upper Yoder Township	Install a 1¼" Blowoff	1,279	
20" Main crossing Stonycreek River behind Johnstown Corporation, 8 <sup>th</sup> Ward	Concrete encase 60' of main	14,360	
20" Dalton main on north side of #1 Benscreek crossing below Fun City, Conemaugh Twp., Somerset County	Concrete encase 30' of main	4,122	
20" Dalton main on north side of #1 Benscreek crossing below Fun City, Conemaugh Twp., Somerset County	Backfill and rip rap	5,369	
20" Dalton main on south side of #1 Benscreek crossing below Fun City, Conemaugh Twp., Somerset County	Concrete encase 30' of main	<u>6,005</u>	\$ 469,987

ACCOUNT 323 – SERVICES

147 - 3/4-inch Copper	\$224,719	
57 - 1- inch Copper	115,851	
1 - 1- inch Plastic	<u>1,209</u>	\$ 341,779

ACCOUNT 324 – METERS

3,863 - 5/8- inch Sensus Remote Registers	358,476
76 - 3/4- inch Sensus	6,021
8 - 1 1/2- inch Sensus	2,283
1 - 6- inch Sensus	2,805
1 - 6- inch/Compound Sensus	4,306

BACKFLOW DEVICES

4,084 - A. Y. McDonald Retrosetters	<u>256,703</u>	630,594
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ACCOUNT 325 – FIRE HYDRANTS

Menoher Highway near Dalton Creek, Upper Yoder Township	Hydrant (Renewal)	2,154
Shady Oak Drive, Upper Yoder Township	Hydrant (Renewal)	1,800
Park Avenue and DuPont Street, 17 <sup>th</sup> Ward	Hydrant (Renewal)	2,032
First Street near "I" Alley, East Conemaugh Borough	Hydrant (Renewal)	2,767
Second Street near Main St., East Conemaugh Borough	Hydrant (Renewal)	2,046
Laurel Avenue near Broad Street, 20 <sup>th</sup> Ward	Hydrant (Renewal)	4,498
Locust Street near Jackson Street, 3 <sup>rd</sup> Ward	Hydrant (Renewal)	2,695
Park Avenue at Lunen Street, 17 <sup>th</sup> Ward	Hydrant (Renewal)	2,248
Highland Avenue and Charles Street, 17 <sup>th</sup> Ward	Hydrant (Renewal)	2,173
Ligonier Pike, 1200' from Menoher Highway, Upper Yoder Township	Hydrant (Renewal)	2,406
Fairfield Avenue at "I" Street, 19 <sup>th</sup> Ward	Hydrant (Renewal)	2,619
Penrod Street at Ruby Street, Lorain Borough	Hydrant (Renewal)	2,544
Neil Street near Eisenhower Boulevard, Stonycreek Township	Lateral (Renewal)	2,314
Main Street near old school, Franklin Borough	Hydrant (Renewal)	2,568
Cliff and Pickworth Streets, Dale Borough	Hydrant (Renewal)	2,187
Spruce and Locust Streets, Franklin Borough	Hydrant (Renewal)	2,374
Main and Chestnut Streets, East Conemaugh Borough	Hydrant (Renewal)	2,740
Connelly Avenue, 14 <sup>th</sup> Ward	Lateral (Renewal)	4,459
Napoleon Street at Strauss Avenue, 6 <sup>th</sup> Ward	Hydrant (Renewal)	3,061
Vickroy Avenue at Clay Street, Ferndale Borough	Hydrant (Renewal)	2,457
Elder Street near Glitch Alley, 7 <sup>th</sup> Ward	Hydrant (Renewal)	3,992

ACCOUNT 325 – FIRE HYDRANTS (Continued)

Ligonier Pike, 1150' from Hydrant #37, Upper Yoder Township	Hydrant (Renewal)	\$ 2,447	
Ash Street and McMillen Street, 7 <sup>th</sup> Ward	Hydrant (Renewal)	<u>2,408</u>	\$ 60,989

ACCOUNT 328 – OFFICE FURNITURE AND EQUIPMENT

Office of Administrative Assistant

1 – Micro CLT-023 – Client Pro CS computer w/software, Serial #1665559-0001	2,603	
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Riverside Treatment Plant

2 – Micro CLT-023 – ATO Base Model Client Pro CS computers w/software, Serial #1665558-0001, #1665557-0001	5,058	
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Laurel Management Company Operating Department  
Cybernet for Windows – 5000 pipe (Haestad Methods)

14,264

1 – 4000 Hard Side Carrying Case for lap top computer	132	
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1 – Micro Laptop Computer for use in the distribution system, Serial #1665560-0001	<u>2,113</u>	24,170
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ACCOUNT 334 - MISCELLANEOUS EQUIPMENT

Red Run Well

Sample hydrant at entrance gate to well	<u>1,060</u>	<u>1,060</u>
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Contributions in Aid of Construction During 1999

ACCOUNT 311 - LAND AND LAND RIGHTS

Redevelopment Authority of Somerset County	Parcel of land containing 0.023 acres for Govier Lane Pump Station			\$ 1,500
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ACCOUNT 322 - MAINS AND ACCESSORIES

Redevelopment Authority of Cambria County, Norton Road and Flora St., Lower Yoder Twp.	171' – 6" D.I.			39,281
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ACCOUNT 323 - SERVICES

New Services

21 - ¾- inch Copper		\$16,244		
9 - 1- inch Copper		10,403		
4 - 4- inch Ductile Iron		18,340		
2 - 6- inch Ductile Iron		9,315		
1 - 8- inch Ductile Iron		<u>2,581</u>	\$ 56,883	

Fire Services

Conemaugh Hospital, Flynn St., 8 <sup>th</sup> Ward	6" Ductile Iron	5,500		
St. Vincent DePaul, 227 Bedford St., 4 <sup>th</sup> Ward	4" Ductile Iron	<u>2,854</u>	<u>8,354</u>	65,237

ACCOUNT 324 - METERS

7 - Meter Pits				2,975
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ACCOUNT 325 - FIRE HYDRANTS

Flynn and Skelly Streets, 8 <sup>th</sup> Ward	Conemaugh Hospital	4,960		
Flynn and Osborne Streets, 8 <sup>th</sup> Ward	Conemaugh Hospital	4,282		
Franklin and Skelly Streets, 8 <sup>th</sup> Ward	Conemaugh Hospital	2,119		
Norton Road at slaughter house, Lower Yoder Township	Redevelopment Authority of Cambria County		2,220	
Norton Road at house #161, Lower Yoder Township	Redevelopment Authority of Cambria County		<u>1,920</u>	<u>15,501</u>
				\$124,494

# UTILITY PLANT IN SERVICE

## Retirements by Greater Johnstown Water Authority During 1999

### ACCOUNT 312 - STRUCTURES AND IMPROVEMENTS

#### 2 - Power and Pumping Structures

Millcreek Pump Station/Emergency Diesel Pump Room  
Existing door and frame on pump room \$ 1,678

Morrellville Pump Station  
Original incandescent light fixtures 31

Riverside Treatment Plant  
Bristol Babcock Communication Equipment (North Fork Reservoir) 2,089

Bristol Babcock Communication Equipment (Saltlick Caretaker's House) 757

#### 5 - Distribution Reservoirs and Standpipes

Franklin Pumping Storage Tank  
Electric service line to tank, approximately 500 feet 467

1 – Chrono-Flo Transmitter 296

Westmont High Level Concrete Tank  
(Site of new Viewmont Pump Station/Tank)  
8' – Double swinging gate on fence 68

Sadie Street Tank  
Original sump pump 87

#### 11 - Collecting and Impounding Reservoirs

Dalton Run Reservoir  
Hatch and support system on intake tower 28

Saltlick Reservoir  
Door for access tunnel at reservoir 25

#### 15 - Other Water Source Structures

Saltlick Caretaker's House  
Septic system for the house 301

\$ 5,827

ACCOUNT 316 - ELECTRIC PUMPING EQUIPMENT

<u>Dale Pump Station</u> Chronoflo transmitter and recorder		\$ 1,298	
<u>Prospect Pump Station</u> Chronoflo transmitter and recorder		1,298	
<u>Millcreek Pump Station</u> Chronoflo transmitter and recorder		1,298	
<u>Morrellville Pump Station</u> Chronoflo transmitter and recorder		2,256	
<u>Roxbury</u> Chronoflo transmitter and recorder		772	
<u>Office – Locust Street</u> Chronoflo transmitter and recorder		1,036	
Syncro Scan Equipment – Lot		<u>1,059</u>	\$ 9,017

ACCOUNT 317 - OIL ENGINE PUMPING EQUIPMENT

<u>Millcreek/Dale Pump Stations</u> Steel fuel storage tanks, 1500 gallon capacity			2,850
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ACCOUNT 320 - PURIFICATION SYSTEM

<u>Saltlick Reservoir</u> 2 – Fiberglass plastic underground chemical storage tanks with accessories	26,473		
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ACCOUNT 322 - MAINS AND ACCESSORIES

Stonycreek Street, 1 <sup>st</sup> Ward	31 – 4" Cast Iron Pipe	24	
Poplar St., 7 <sup>th</sup> Ward	125' – 1" PVC Pipe	2,193	
Christopher Street at Princeton Avenue, Westmont Borough	48 – 1½" Copper Pipe	203	
Flax Street near Bellevue Street, 8 <sup>th</sup> Ward	1¼" Blowoff	53	
Devine Alley near Yoder Street, 5 <sup>th</sup> Ward	1¼" Blowoff	10	
Shady Lane and Low Alley, Southmont Borough	1¼" Blowoff	103	
Hillcrest Court near Good Street, 8 <sup>th</sup> Ward	1¼" Blowoff	10	
Culin Street, 8 <sup>th</sup> Ward	1¼" Blowoff	10	
Wertz Road, 17 <sup>th</sup> Ward	1¼" Blowoff	34	
Locust Street, 2 <sup>nd</sup> Ward	17' – 4" Cast Iron Pipe	14	

ACCOUNT 322 - MAINS AND ACCESSORIES (Continued)

Case Avenue, Westmont Borough  
Bossler Street near Cypress Avenue, 17<sup>th</sup> Ward  
Flora Street, Lower Yoder Township

North Fork Reservoir, Conemaugh Township, Somerset County

1¼" Blowoff	\$ 32	
1¼" Blowoff	10	
143' – 4" Cast Iron Pipe	240	
51' – 6" Cast Iron Pipe	147	
1 – Model AFUAX-TIR flo watch Instrument, gauges, etc.	<u>1,065</u>	\$ 4,148

ACCOUNT 323 - SERVICES

1- ½- inch Lead	32	
11 - ⅝- inch Lead	594	
5 - ¾- inch Lead	528	
10 - ¾- inch Copper	3,744	
2- 1- inch Lead	95	
2- 1- inch Copper	1,148	
1- 2- inch Copper	236	
11- Curb Boxes	<u>292</u>	6,669

ACCOUNT 324 - METERS

1,711 - ⅝- inch Trident	22,673	
44 - ⅝- inch Hersey	1,448	
2 - ⅝- inch Trident	25	
1 - ⅝- inch Keystone	12	
3,378 - ⅝- inch Rockwell	100,890	
176 - ⅝- inch Sensus	6,066	
4 - ⅝- inch Badger	276	
38 - ¾- inch Trident	649	
14 - ¾- inch Rockwell	741	
2 - ¾- inch Sensus	107	
8 - 1- inch Trident	173	
1 - 1- inch Badger	88	
7 - 1- inch Rockwell	574	
8 - 1½ inch Trident	619	
3 - 2- inch Hersey/Disc	552	
2 - 2- inch Trident	<u>311</u>	
135,204		

ACCOUNT 325 - FIRE HYDRANTS

3 - 4½- inch Darling SH <sub>2</sub>	\$ 2,144	
20 - 5- inch Darling SH <sub>2</sub>	4,766	
1 - 5¼- inch Dresser SH <sub>2</sub>	414	
3 - 6- inch Darling SH <sub>2</sub>	216	
4 - 6- inch C.I. Laterals	<u>666</u>	\$ 8,206

ACCOUNT 328 - OFFICE FURNITURE AND EQUIPMENT

<u>Riverside Treatment Plant</u>		
2 – ZEO Computers		5,370

ACCOUNT 334 - MISCELLANEOUS EQUIPMENT

<u>Red Run Well</u>		
Sampling station at well		<u>798</u>

204,562

\$

## THE GROWTH OF THE UTILITY PLANT IN SERVICE

### BASED ON ORIGINAL COST

Capital Account	At Acquisition February 12, 1964	At Present December 31, 1999
301 - ORGANIZATION	\$ -	\$ 4,466
311 - LAND AND LAND RIGHTS	796,818	980,092
312 - STRUCTURES AND IMPROVEMENTS	3,624,268	33,127,944
316 - ELECTRIC PUMPING EQUIPMENT	221,636	1,011,499
317 - OIL ENGINE PUMPING EQUIPMENT	-	346,237
319 - GASOLINE PUMPING EQUIPMENT	-	7,904
320 - PURIFICATION SYSTEM	43,464	3,572,491
321 - LABORATORY EQUIPMENT	-	50,611
322 - MAINS AND ACCESSORIES	4,338,710	21,706,860
323 - SERVICES	764,633	7,354,809
324 - METERS	386,078	2,762,815
325 - FIRE HYDRANTS	216,602	1,201,026
328 - OFFICE FURNITURE AND EQUIPMENT	-	119,356
333 - COMMUNICATION EQUIPMENT	-	8,254
334 - MISCELLANEOUS EQUIPMENT	-	33,254
<b>TOTAL</b>	<b>\$10,392,209</b>	<b>\$72,287,618</b>

Net Increase - \$61,895,409



