

# **PUBLIC UTILITIES WATER/WASTEWATER**

**THE FOLLOWING SUBSECTIONS ARE INCLUDED:**

**WASTEWATER MANAGEMENT**

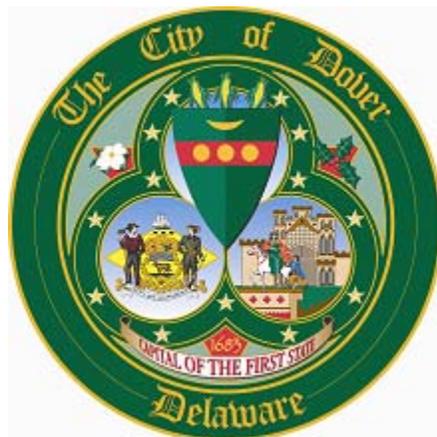
**WATER CONSTRUCTION**

**WATER MANAGEMENT**

**WATER TREATMENT PLANT**

**WATER/WASTEWATER ENGINEERING &**

**INSPECTIONS**



## PUBLIC UTILITIES/WATER-WASTEWATER

### DEPARTMENTAL VISION

In order to ensure that the City of Dover is a place where people will want to live, Public Utilities will endeavor to provide our customers with the safest and most reliable utility services at the lowest possible cost.

### MAJOR PROGRAMS

#### *WATER DISTRIBUTION / WASTEWATER TRANSMISSION*

**Objective:** The objective of this program is to operate and maintain the water distribution system for our customers and the fire department in a courteous, timely, capable and accurate manner by performing the following: repairing water leaks; installing new and replacing aging water services; testing, repairing, and replacing fire hydrants; flushing the water systems; inspecting meters; installing radio reads on meters; and responding to customer complaints. This division also operates and maintains the wastewater transmission system and pump stations for our customers in a courteous, timely, capable and accurate manner by performing the following: cleaning, inspecting, and repairing sewer mains; maintaining and repairing pump stations; and responding to complaints.

#### Measures:

1. Reduce the number of water quality complaints / inquiries received.

	2005-2006 Actual	2006-2007 Actual	2007-2008 Projected
<b>Results</b>	338 water quality complaints/inquires received	*500 water quality complaints/inquires received	≤150 water quality complaints/inquires received

*\*July 2006 flushing resulted in a high number of complaints due to increased demand and limited well availability (necessary well repairs).*

2. Reduce the number of infrastructure failure repairs for water distribution as part of the water main upgrade and replacement project.

	2005-2006 Actual	2006-2007 Actual	2007-2008 Projected
<b>Results</b>	24 repairs reported	15 repairs reported	≤13 repairs reported

3. Increase the number of infrastructure failure repairs for wastewater transmission as part of the inflow/infiltration project.

	2005-2006 Actual	2006-2007 Actual	2007-2008 Projected
<b>Results</b>	Three repairs reported	Two repairs reported	≥Three repairs reported

4. Complete water system flushing operations within published schedule (100%).

	2005-2006 Actual	2006-2007 Actual	2007-2008 Projected
<b>Results</b>	44 days (published)	60 days (published)	≥60 days (published)
<b>Results</b>	50 days (actual)	58 days (actual)	≥60 days (actual)
<b>Results</b>	114%	97%	100%

- Decrease the percentage of flow sent to Kent County in relation to wastewater gallons billed by the City of Dover (Inflow/Infiltration monitoring).

	2005-2006 Actual	2006-2007 Actual	2007-2008 Projected
<b>Results</b>	1,721,156,750 (Kent County)	1,674,758,000 (Kent County)	≤1,680,000,000 (Kent County)
<b>Results</b>	1,579,047,000 (City of Dover)	1,636,874,000 (City of Dover)	≤1,663,366,000 (City of Dover)
<b>Results</b>	109%	102%	101%

- Reduce overall average response time for water and sewer customer complaints.

	2005-2006 Actual	2006-2007 Actual	2007-2008 Projected
<b>Results</b>	Not measured this fiscal year	15 minutes, average response time for water/sewer complaints	≤12 minutes, average response time for water/sewer complaints

- Increase the number of linear feet of sewer mains cleaned and maintained annually.

	2005-2006 Actual	2006-2007 Actual	2007-2008 Projected
<b>Results</b>	701,413 linear feet of sewer mains cleaned and maintained	750,000 linear feet of sewer mains cleaned and maintained	≥800,000 linear feet of sewer mains cleaned and maintained

**WATER TREATMENT AND PRODUCTION**

**Objective:** The objective of this program is to provide the citizens of the City of Dover with drinking water and fire protection in a courteous, timely, capable and accurate manner by performing the following: maintaining production and treatment equipment to ensure capacity and availability; adding and adjusting chemicals daily; performing daily sampling for compliance with State and Federal regulations and guidelines to ensure quality; improving water aesthetics; and responding to customer complaints.

**Measures:**

- Maintain an average available water production capacity of 100% of our annual production allocation.

	2005-2006 Actual	2006-2007 Actual	2007-2008 Projected
<b>Results</b>	91.5% available water production capacity	85.8% available water production capacity	≥91.5% available water production capacity

- Maintain zero violations of State and Federal regulations.

	2005-2006 Actual	2006-2007 Actual	2007-2008 Projected
<b>Results</b>	0 violations	*One violation	0 violations

*\*Violation corrected in 12 days, meeting State and Federal regulations.*

**CONSTRUCTION**

**Objective:** The objective of this program is to install and construct assigned projects for the water, wastewater, and electric utilities, as well as other departments, in a timely, efficient, and capable manner, while meeting all applicable requirements.

**Measures:**

1. Complete CIP projects within budget and allocated timeframe.

	2005-2006 Actual	2006-2007 Actual	2007-2008 Projected
<b>Results</b>	Not measured this fiscal year	Not measured this fiscal year	≥100% CIP projects completed within budget and allocated timeframe

**ENGINEERING AND INSPECTIONS – WATER / WASTEWATER**

**Objective:** The objective of this program is to provide timely, accurate, and professional design and evaluation of existing and proposed infrastructure for City personnel, developers and contractors while ensuring compliance with all applicable code requirements. In addition, this division provides timely and accurate inspections of infrastructure improvements and expansions for developers and contractors ensuring compliance with all applicable code requirements. The efforts are performed to ensure the quality and effectiveness of the water and wastewater systems.

**Measures:**

1. Plan review completed within 30 days of submission (on average).

	2005-2006 Actual	2006-2007 Actual	2007-2008 Projected
<b>Results</b>	45 plan reviews completed	60 plan reviews completed	Complete ≥30 plan reviews

2. Inspection response within 48 hours of request (on average).

	2005-2006 Actual	2006-2007 Actual	2007-2008 Projected
<b>Results</b>	Responses within 24 hours	Responses within 72 hours	Inspection responses within 48 hours

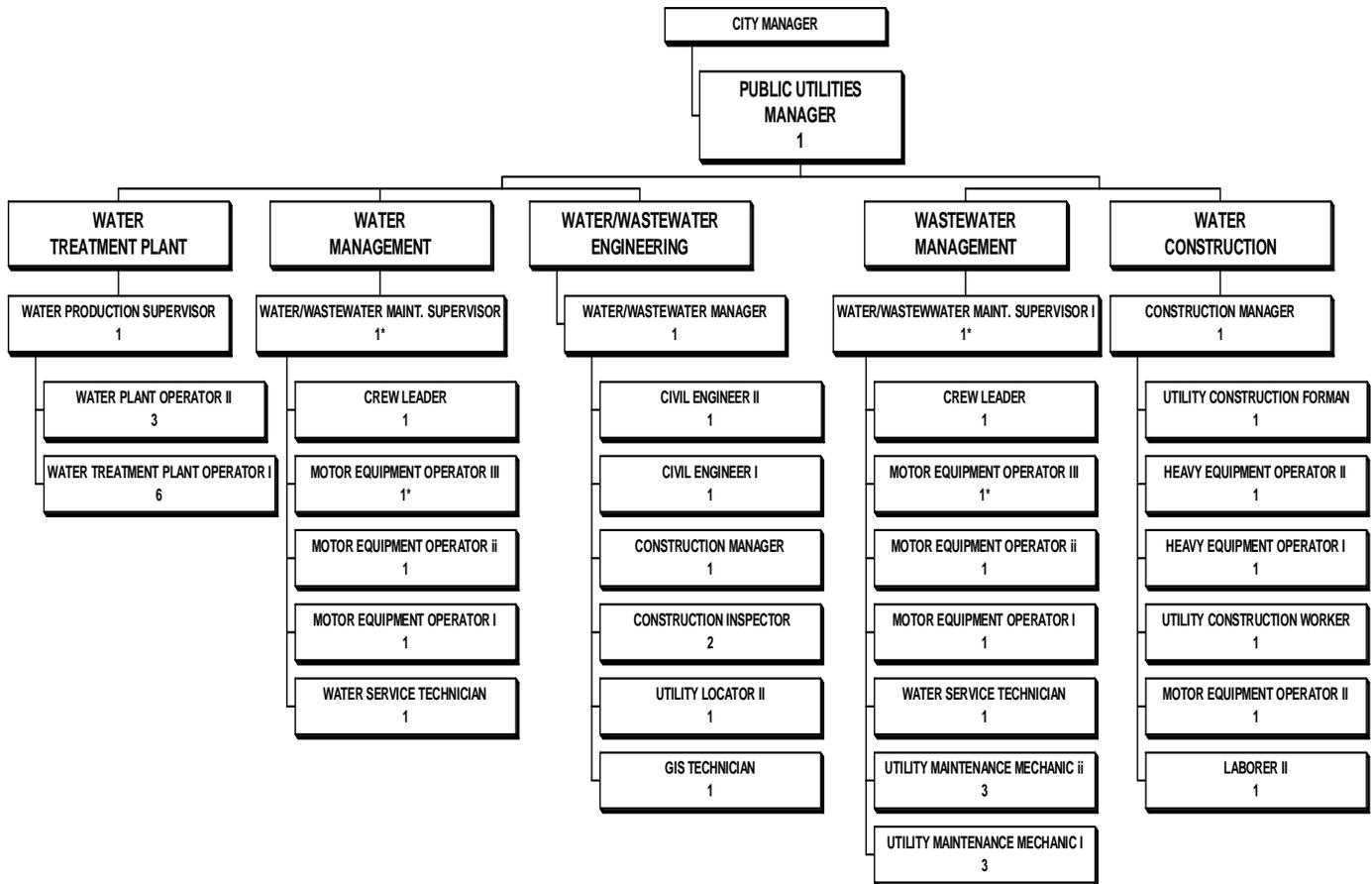
**FISCAL YEAR 2006-2007 STRATEGIC ACCOMPLISHMENTS**

1. **Increase the metering accuracy of the water/sewer utility through the expansion of the Meter Reading Technology Upgrade Project.** Goal Not Met - The request for an addition Water Service Worker in Fiscal Year 2007 was denied.
2. **Increase the mapping accuracy of the water/sewer utility through the expansion of GIS.** Goal Not Met - The request for a GIS Technician, necessary to meet this goal, was denied.
3. **Reduce the number of brown water complaints through the replacement of the old cast iron pipe system and the improvement of system hydraulics.** Goal Partially Met - As of December, complaints are lower than same period last year. Goal will be monitored through the end of the fiscal year.
4. **Reduce cost to the City arising from inflow/infiltration.** Goal Partially Met - Staff is monitoring problems on a month to month basis and will undertake an inflow/infiltration evaluation of parts of the system, in February/March.
5. **Integrate the new pump station mechanic crew into the maintenance operations.** Goal Met
6. **Investigate the feasibility of turning over appropriate sewer pump stations to Kent County Levy Court.** Goal Not Met - No work on this goal is recommended.

**STRATEGIC OBJECTIVES FOR FISCAL YEAR 2007-2008**

1. **Provide engineering consulting services to assist staff with plan reviews, system analysis, and other general engineering services.** This service will be provided until staffing deficiencies have been alleviated and new staff has been properly trained. This service will help minimize delays experienced in engineering services resulting from staffing shortages and advances the critical success factors of Employee Satisfaction and Effective Organizational Communication.
  
2. **Provide repair and/or replacement of existing altitude valves located at each of the elevated storage tanks.** All altitude valves have exceeded projected life expectancies and have limited reliability. Properly functioning altitude valves assist in the system control which helps meet water quality objectives. Replacement of the altitude valve at the Bayard Avenue tank has been included in the contact time improvements for that site to meet the water quality objectives for that project. This objective advances the critical success factors of Cost and Revenue Efficiency.
  
3. **Provide replacement of water treatment existing dual sided radio master and antenna.** The existing units have exceeded the projected life expectancy and are no longer serviceable or reliable. The new units will be located at the water treatment plant and will be compatible with the existing dual sided SCADA master. Unit reliability is necessary to achieve system control which is a critical component of achieving the water quality objectives. This objective also advances the critical success factors of Cost and Revenue Efficiency.

# PUBLIC UTILITIES/WATER-WASTEWATER ORGANIZATIONAL CHART FISCAL YEAR 2008



\*These positions are split between Wastewater Management and Water Management.

<b>WATER AND WASTEWATER RATES</b> <b>Per 1,000 Gallons (Existing)</b>						
<b>YEAR</b>	<b>CONSUMPTION (GALLONS)</b>	<b>WATER</b>		<b>WASTEWATER</b>		<b>WASTEWATER ADJUSTMENT</b>
		<b>IN CITY</b>	<b>OUT OF CITY</b>	<b>IN CITY</b>	<b>OUT OF CITY</b>	<b>ALL USERS</b>
1998-99	Up to 200,000	1.90	2.85	1.21	1.81	1.68
	200,001 - 400,000	1.75	2.63	1.21	1.81	1.68
	400,001 - 600,000	1.65	2.48	1.21	1.81	1.68
	600,001 or more	1.60	2.40	1.21	1.81	1.68
1999-00	Up to 200,000	1.90	2.85	1.41	2.12	1.68
	200,001 - 400,000	1.75	2.63	1.41	2.12	1.68
	400,001 - 600,000	1.65	2.48	1.41	2.12	1.68
	600,001 or more	1.60	2.40	1.41	2.12	1.68
2000-01	Up to 200,000	1.90	2.85	1.41	2.12	1.68
	200,001 - 400,000	1.75	2.63	1.41	2.12	1.68
	400,001 - 600,000	1.65	2.48	1.41	2.12	1.68
	600,001 or more	1.60	2.40	1.41	2.12	1.68
2001-02	Up to 200,000	1.90	2.85	1.41	2.12	1.85
	200,001 - 400,000	1.75	2.63	1.41	2.12	1.85
	400,001 - 600,000	1.65	2.48	1.41	2.12	1.85
	600,001 or more	1.60	2.40	1.41	2.12	1.85
2002-03	Up to 200,000	2.35	3.53	1.65	2.48	1.85
	200,001 - 400,000	2.20	3.30	1.65	2.48	1.85
	400,001 - 600,000	2.10	3.15	1.65	2.48	1.85
	600,001 or more	2.05	3.08	1.65	2.48	1.85
2003-04	Up to 200,000	2.35	3.53	1.65	2.48	1.85
	200,001 - 400,000	2.20	3.30	1.65	2.48	1.85
	400,001 - 600,000	2.10	3.15	1.65	2.48	1.85
	600,001 or more	2.05	3.08	1.65	2.48	1.85
2004-05	All consumption levels	2.35	3.53	1.90	2.85	1.85
2005-06	All consumption levels	2.45	3.68	2.10	3.15	2.13
2006-07	All consumption levels	2.45	3.68	2.10	3.15	2.13
2007-08	All consumption levels	2.45	3.68	2.10	3.15	2.34

**NOTE:** The wastewater adjustment rate increased in Fiscal Year 2008 from \$2.13/1,000 gallons to \$2.34/1,000 gallons.

**TYPICAL WATER/SEWER BILL**  
(7,000 gallons per month)

YEAR	WATER	SEWER	SEWER ADJUSTMENT	TOTAL COST
1994-95	10.71	8.47	11.06	30.24
1995-96	13.30	8.47	11.06	32.83
1996-97	13.30	8.47	11.06	32.83
1997-98	13.30	8.47	11.76	33.53
1998-99	13.30	8.47	11.76	33.53
1999-00	13.30	9.87	11.76	34.93
2000-01	13.30	9.87	11.75	34.93
2001-02	13.30	9.87	12.95	36.12
2002-03	16.45	11.55	12.95	40.95
2003-04	16.45	11.55	12.95	40.95
2004-05	16.45	13.30	12.95	42.70
2005-06	* 18.40	* 15.95	14.91	49.62
2006-07	* 18.40	* 15.95	14.91	49.62
2007-08	* 18.40	* 15.95	16.38	50.73

\* Includes a \$1.25 per month customer charge.

**WASTEWATER FLOW TO KENT COUNTY**

YEAR	FLOW (x1,000)	AVERAGE COST (PER 1,000)	TOTAL COST
1994-95	1,419,855	1.58	2,243,371
1995-96	1,746,745	1.58	2,759,857
1996-97	2,033,335	1.68	3,446,082
1997-98	1,574,257	1.68	2,644,751
1998-99	1,349,319	1.68	2,266,856
1999-00	1,511,721	1.68	2,539,691
2000-01	1,563,672	1.68	2,626,969
2001-02	1,567,500	1.85	2,899,875
2002-03	1,860,768	1.85	3,442,420
2003-04	2,069,886	1.85	3,829,289
2004-05	1,869,780	1.85	3,466,810
2005-06	1,721,156	2.13	3,628,057
2006-07	1,808,920	2.13	3,853,000
2007-08	1,735,750	2.34	3,697,148

**NOTE:** 1996-97 Cost reflects change in billing procedures and heavy rains.  
1998-99 Cost reflects extremely dry weather conditions.  
2003-04 Cost reflects extremely wet weather conditions.

## PUBLIC UTILITIES/WASTEWATER MANAGEMENT

### 412/417-6900-569

ACCT	TITLE	2005-06 ACTUAL	2006-07 BUDGET	2006-07 REVISED	2007-08 BUDGET
10 - 11	SALARIES	281,077	299,519	299,519	344,656
10 - 12	OVERTIME	20,490	15,000	15,000	18,216
10 - 14	FICA TAXES	22,721	24,126	24,126	27,565
10 - 15	HEALTH INSURANCE	56,145	77,036	77,036	75,976
10 - 16	L I D INSURANCE	1,421	1,797	1,797	1,965
10 - 17	WORKERS COMPENSATION	12,243	12,896	12,896	12,339
10 - 19	PENSION	45,991	66,551	66,551	85,565
	<b>PERSONNEL COSTS</b>	<b>440,088</b>	<b>496,925</b>	<b>496,925</b>	<b>566,282</b>
20 - 21	FURNITURE/FIXTURES	-	400	400	150
20 - 22	OFFICE SUPPLIES	143	125	225	-
20 - 23	PRINTING AND DUPLICATING	74	150	150	2,308
20 - 26	PROGRAM EXPENSES/SUPPLIES	11,026	15,000	4,500	5,150
20 - 28	MEDICAL SUP & PHYSICALS	96	25	280	763
20 - 29	UNIFORMS/UNIFORM ALLOW	2,116	4,577	4,577	4,550
20 - 32	SECURITY/SAFETY MATERIALS	6,185	15,000	15,000	11,715
20 - 33	SMALL TOOLS	4,692	8,550	8,550	16,451
20 - 35	CHEMICALS & ADDITIVES	1,304	1,750	1,750	8,107
20 - 37	COMPUTER SOFTWARE	-	-	-	-
20 - 38	COMPUTER HARDWARE	1,286	-	-	-
20 - 46	CITY BLDG MAINT SUPPLIES	201	150	150	3,831
20 - 51	WATER/SEWER SYSTEM SUP	26,069	30,000	15,000	30,000
20 - 52	TAPS	-	-	-	13,906
20 - 53	METERS/METER SUPPLIES	-	1,500	2,750	2,830
20 - 54	PUMPING STATION SUPPLIES	54,619	40,000	35,000	40,000
20 - 58	WATER/SEWER	1,429	1,100	1,100	1,591
	<b>MATERIALS &amp; SUPPLIES</b>	<b>109,240</b>	<b>118,327</b>	<b>89,432</b>	<b>141,352</b>
30 - 21	TELEPHONE/FAX	2,492	2,850	2,850	3,343
30 - 23	ELECTRICITY	110,160	137,700	150,000	172,000
30 - 27	SUBSCRIPTIONS AND DUES	52	60	60	178
30 - 28	TRAINING/CONF/FOOD/TRAVEL	36	200	200	212
30 - 29	CONSULTING FEES	-	5,000	5,000	205,150
30 - 31	CONTRACTUAL SERVICES	65,881	50,000	65,000	45,000
30 - 44	AGENCY BILLING-TEMP HELP	7,146	-	5,000	-
30 - 62	GASOLINE	20,409	20,000	20,000	20,600
30 - 64	TRUCK REPAIRS/MAINTENANCE	1,861	1,000	1,000	1,800
30 - 65	MAINT EQUIP REPAIRS/MAINT	238	2,000	2,000	2,000
30 - 67	RADIO REPAIRS/MAINTENANCE	1,753	1,100	1,100	1,220
	<b>ADMINISTRATIVE EXPENDITURES</b>	<b>210,028</b>	<b>219,910</b>	<b>252,210</b>	<b>451,503</b>

## PUBLIC UTILITIES/WASTEWATER MANAGEMENT 412/417-6900-569

ACCT	TITLE	2005-06 ACTUAL	2006-07 BUDGET	2006-07 REVISED	2007-08 BUDGET
40 - 23	TRUCKS - PURCHASE	117,500	11,201	11,201	47,200
40 - 25	OTHER EQUIP - PURCHASE	5,219	-	4,552	45,900
40 - 31	CONSTRUCTION - PURCHASE	753,381	347,790	673,990	1,073,150
40 - 35	SEWER LINES	194,815	870,000	494,941	330,000
40 - 42	LEASED EQUIP & VEHICLES	13,422	4,724	4,724	-
	<b>CAPITAL OUTLAY</b>	<b>1,084,337</b>	<b>1,233,715</b>	<b>1,189,408</b>	<b>1,496,250</b>
	<b>TOTAL EXPENDITURES</b>	<b>1,843,693</b>	<b>2,068,877</b>	<b>2,027,975</b>	<b>2,655,387</b>
	REVENUES:				
	WATER/WASTEWATER FUND	759,356	835,162	838,567	1,159,137
	WATER/WASTEWATER CAPITAL PROJECTS FUND	1,084,337	1,233,715	1,189,408	1,496,250
	PERSONNEL:				
	FULL-TIME EQUIVALENT	11.0	11.0	11.0	11.0

## PUBLIC UTILITIES/WATER CONSTRUCTION

### 412/417-5600-556

ACCT	TITLE	2005-06 ACTUAL	2006-07 BUDGET	2006-07 REVISED	2007-08 BUDGET
10 - 11	SALARIES	324,224	335,115	335,115	302,218
10 - 12	OVERTIME	6,578	7,000	7,000	6,521
10 - 14	FICA TAXES	24,552	24,956	24,956	23,006
10 - 15	HEALTH INSURANCE	71,368	74,661	74,661	60,675
10 - 16	L I D INSURANCE	1,721	1,892	1,892	1,657
10 - 17	WORKERS COMPENSATION	12,041	12,168	12,168	9,502
10 - 19	PENSION	53,970	63,987	63,987	67,043
	<b>PERSONNEL COSTS</b>	<b>494,454</b>	<b>519,779</b>	<b>519,779</b>	<b>470,622</b>
20 - 21	FURNITURE/FIXTURES	-	294	254	-
20 - 22	OFFICE SUPPLIES	84	100	160	-
20 - 28	MEDICAL SUP & PHYSICALS	470	25	25	25
20 - 29	UNIFORMS/UNIFORM ALLOW	2,073	3,666	2,500	3,429
20 - 32	SECURITY/SAFETY MATERIALS	1,673	4,417	4,417	2,700
20 - 33	SMALL TOOLS	4,884	4,595	4,595	4,595
20 - 37	COMPUTER SOFTWARE	-	-	-	300
20 - 46	CITY BLDG MAINT SUPPLIES	225	500	800	544
20 - 58	WATER/SEWER	102	100	100	100
	<b>MATERIALS &amp; SUPPLIES</b>	<b>9,511</b>	<b>13,697</b>	<b>12,851</b>	<b>11,693</b>
30 - 21	TELEPHONE/FAX	1,056	1,200	1,155	1,200
30 - 23	ELECTRICITY	1,181	1,400	1,650	1,900
30 - 24	HEATING OIL/GAS	2,381	3,500	2,400	2,500
30 - 27	SUBSCRIPTIONS AND DUES	104	110	110	110
30 - 28	TRAINING/CONF/FOOD/TRAVEL	61	100	100	100
30 - 31	CONTRACTUAL SERVICES	35	-	-	3,500
30 - 61	OFFICE EQP/REPAIRS/MAINT	67	-	-	-
30 - 62	GASOLINE	20,000	18,000	18,000	18,540
30 - 64	TRUCK REPAIRS/MAINTENANCE	1,365	500	500	500
30 - 66	OTHER EQUIP REPAIRS/MAINT	9,968	10,000	10,000	10,000
30 - 67	RADIO REPAIRS/MAINTENANCE	896	930	930	930
	<b>ADMINISTRATIVE EXPENDITURES</b>	<b>37,114</b>	<b>35,740</b>	<b>34,845</b>	<b>39,280</b>
40 - 23	TRUCKS - PURCHASE	57,535	-	-	32,450
40 - 25	OTHER EQUIP - PURCHASE	-	-	-	7,000
40 - 42	LEASED EQUIP & VEHICLES	20,667	-	-	-
	<b>CAPITAL OUTLAY</b>	<b>78,202</b>	<b>-</b>	<b>-</b>	<b>39,450</b>
	<b>TOTAL EXPENDITURES</b>	<b>619,281</b>	<b>569,216</b>	<b>567,475</b>	<b>561,045</b>
	REVENUES:				
	WATER/WASTEWATER FUND	541,079	569,216	567,475	521,595
	WATER/WASTEWATER CAPITAL PROJECTS FUND	78,202			39,450
	PERSONNEL:				
	FULL-TIME EQUIVALENT	8.0	8.0	8.0	7.0

## PUBLIC UTILITIES/WATER MANAGEMENT

### 412/417-6800-568

ACCT	TITLE	2005-06 ACTUAL	2006-07 BUDGET	2006-07 REVISED	2007-08 BUDGET
10 - 11	SALARIES	176,586	223,073	223,073	247,002
10 - 12	OVERTIME	13,729	12,000	12,000	10,453
10 - 14	FICA TAXES	14,296	18,154	18,154	19,571
10 - 15	HEALTH INSURANCE	39,922	72,841	72,841	66,732
10 - 16	L I D INSURANCE	872	1,417	1,417	1,501
10 - 17	WORKERS COMPENSATION	7,727	9,729	9,729	8,754
10 - 19	PENSION	27,252	53,783	53,783	57,301
	<b>PERSONNEL COSTS</b>	<b>280,384</b>	<b>390,997</b>	<b>390,997</b>	<b>411,314</b>
20 - 21	FURNITURE/FIXTURES	-	400	400	150
20 - 22	OFFICE SUPPLIES	144	125	225	-
20 - 23	PRINTING AND DUPLICATING	1,458	2,400	2,400	2,475
20 - 26	PROGRAM EXPENSES/SUPPLIES	10,958	15,000	5,000	5,150
20 - 28	MEDICAL SUP & PHYSICALS	161	50	280	293
20 - 29	UNIFORMS/UNIFORM ALLOW	1,154	1,655	1,655	2,025
20 - 31	BOOKS	396	200	200	206
20 - 32	SECURITY/SAFETY MATERIALS	6,170	6,813	4,500	4,166
20 - 33	SMALL TOOLS	4,908	9,290	8,500	8,849
20 - 35	CHEMICALS & ADDITIVES	126	-	-	-
20 - 38	COMPUTER HARDWARE	1,286	-	-	-
20 - 46	CITY BLDG MAINT SUPPLIES	110	300	300	2,139
20 - 49	WELLS SUPPLIES/REHAB	9,910	16,556	16,556	24,676
20 - 51	WATER/SEWER SYSTEM SUP	62,738	41,000	50,000	52,846
20 - 52	TAPS	-	-	-	6,953
20 - 53	METERS/METER SUPPLIES	2,327	1,500	2,750	2,830
20 - 58	WATER/SEWER	96	90	90	134
	<b>MATERIALS &amp; SUPPLIES</b>	<b>101,942</b>	<b>95,379</b>	<b>92,856</b>	<b>112,892</b>
30 - 21	TELEPHONE/FAX	2,493	2,950	2,950	3,058
30 - 23	ELECTRICITY	287,659	380,000	310,000	355,000
30 - 25	ADVERTISEMENT	9,592	6,120	15,170	15,000
30 - 27	SUBSCRIPTIONS AND DUES	2,122	1,987	2,184	2,148
30 - 28	TRAINING/CONF/FOOD/TRAVEL	141	1,100	1,100	1,950
30 - 29	CONSULTING FEES	11,066	5,000	2,140	-
30 - 31	CONTRACTUAL SERVICES	60,412	63,282	110,000	39,860
30 - 44	AGENCY BILLING-TEMP HELP	7,145	-	5,000	-
30 - 62	GASOLINE	10,957	12,036	12,036	12,400
30 - 64	TRUCK REPAIRS/MAINTENANCE	624	1,000	1,000	1,030
30 - 65	MAINT EQUIP REPAIRS/MAINT	289	1,000	1,000	1,030
30 - 67	RADIO REPAIRS/MAINTENANCE	1,154	1,255	1,255	1,293
	<b>ADMINISTRATIVE EXPENDITURES</b>	<b>393,654</b>	<b>475,730</b>	<b>463,835</b>	<b>432,769</b>
40 - 23	TRUCKS - PURCHASE	117,500	11,201	11,201	254,226
40 - 25	OTHER EQUIP - PURCHASE	53,671	-	4,552	45,900
40 - 31	CONSTRUCTION - PURCHASE	136,305	308,600	296,100	1,682,350
40 - 34	WATER LINES	1,481,482	250,000	383,095	255,000
40 - 42	LEASED EQUIP & VEHICLES	13,422	4,724	4,724	-
	<b>CAPITAL OUTLAY</b>	<b>1,802,380</b>	<b>574,525</b>	<b>699,672</b>	<b>2,237,476</b>
	<b>TOTAL EXPENDITURES</b>	<b>2,578,360</b>	<b>1,536,631</b>	<b>1,647,360</b>	<b>3,194,451</b>
	REVENUES:				
	WATER/WASTEWATER FUND	775,980	962,106	947,688	956,975
	WATER/WASTEWATER CAPITAL PROJECTS FUND	1,802,380	574,525	699,672	2,237,476
	PERSONNEL:				
	FULL-TIME EQUIVALENT	5.0	5.0	5.0	5.0

## PUBLIC UTILITIES/WATER TREATMENT PLANT

### 412/417-7600-576

ACCT	TITLE	2004-05 ACTUAL	2005-06 BUDGET	2005-06 REVISED	2006-07 BUDGET
10 - 11	SALARIES	324,913	360,467	360,467	390,639
10 - 12	OVERTIME	10,055	9,000	9,000	9,315
10 - 14	FICA TAXES	25,351	27,301	27,301	29,934
10 - 15	HEALTH INSURANCE	60,763	71,925	71,925	89,299
10 - 16	L I D INSURANCE	1,653	2,042	2,042	2,004
10 - 17	WORKERS COMPENSATION	13,600	14,636	14,636	13,600
10 - 18	EDUCATIONAL ASSISTANCE	-	1,112	1,112	-
10 - 19	PENSION	53,255	70,559	70,559	84,431
	<b>PERSONNEL COSTS</b>	<b>489,590</b>	<b>557,042</b>	<b>557,042</b>	<b>619,222</b>
20 - 21	FURNITURE/FIXTURES	613	160	160	165
20 - 22	OFFICE SUPPLIES	199	300	300	-
20 - 23	PRINTING AND DUPLICATING	-	-	-	1,450
20 - 25	CUSTODIAL	213	421	421	423
20 - 28	MEDICAL SUP & PHYSICALS	-	45	45	345
20 - 29	UNIFORMS/UNIFORM ALLOW	1,657	3,000	3,000	4,759
20 - 31	BOOKS	220	250	250	363
20 - 32	SECURITY/SAFETY MATERIALS	2,344	2,400	2,400	3,762
20 - 33	SMALL TOOLS	1,608	4,818	4,818	5,118
20 - 35	CHEMICALS & ADDITIVES	103,500	113,068	113,068	118,671
20 - 37	COMPUTER SOFTWARE	-	-	-	5,000
20 - 38	COMPUTER HARDWARE	1,286	-	-	3,540
20 - 46	CITY BLDG MAINT SUPPLIES	3,806	1,450	1,450	3,910
	<b>MATERIALS &amp; SUPPLIES</b>	<b>115,446</b>	<b>125,912</b>	<b>125,912</b>	<b>147,506</b>
30 - 21	TELEPHONE/FAX	367	979	570	909
30 - 23	ELECTRICITY	59,027	82,500	82,500	99,215
30 - 24	HEATING OIL/GAS	4,572	5,400	5,400	5,562
30 - 25	ADVERTISEMENT	-	-	-	22
30 - 27	SUBSCRIPTIONS AND DUES	-	330	330	840
30 - 28	TRAINING/CONF/FOOD/TRAVEL	325	500	500	1,125
30 - 31	CONTRACTUAL SERVICES	10,992	5,010	5,010	40,597
30 - 62	GASOLINE	5,984	8,100	8,100	10,818
30 - 64	TRUCK REPAIRS/MAINT	-	300	300	309
30 - 66	OTHER EQUIP REPAIRS/MAINT	14,882	10,200	10,200	41,567
30 - 67	RADIO REPAIRS/MAINTENANCE	354	354	354	365
	<b>ADMINISTRATIVE EXPENDITURES</b>	<b>96,503</b>	<b>113,673</b>	<b>113,264</b>	<b>201,329</b>
40 - 23	TRUCKS - PURCHASE	-	31,000	31,000	17,700
40 - 25	OTHER EQUIP - PURCHASE	33,630	-	-	-
	<b>CAPITAL OUTLAY</b>	<b>33,630</b>	<b>31,000</b>	<b>31,000</b>	<b>17,700</b>
	<b>TOTAL EXPENDITURES</b>	<b>735,169</b>	<b>827,627</b>	<b>827,218</b>	<b>985,757</b>
	REVENUES:				
	WATER/WASTEWATER FUND	701,539	796,627	796,218	968,057
	WATER/WASTEWATER CAPITAL PROJECTS FUND	33,630	31,000	31,000	17,700
	PERSONNEL:				
	FULL-TIME EQUIVALENT	8.0	9.0	9.0	10.0

**PUBLIC UTILITIES/WATER WASTEWATER  
ENGINEERING & INSPECTIONS  
412/417-2600-553 (formerly 110-2600-553)**

ACCT	TITLE	2005-06 ACTUAL	2006-07 BUDGET	2006-07 REVISED	2007-08 BUDGET
10 - 11	SALARIES	161,390	172,939	176,402	353,040
10 - 12	OVERTIME	7,572	7,000	7,000	16,230
10 - 14	FICA TAXES	12,601	13,034	14,030	27,970
10 - 15	HEALTH INSURANCE	21,805	23,158	24,679	76,483
10 - 16	L I D INSURANCE	942	1,008	1,055	1,722
10 - 17	WORKERS COMPENSATION	3,588	3,706	3,964	7,244
10 - 19	PENSION	27,889	35,919	35,891	97,758
	<b>PERSONNEL COSTS</b>	<b>235,787</b>	<b>256,764</b>	<b>263,021</b>	<b>580,447</b>
20 - 21	FURNITURE/FIXTURES	919	1,200	1,200	3,500
20 - 22	OFFICE SUPPLIES	2,390	1,850	200	-
20 - 23	PRINTING & DUPLICATING	2,372	4,500	100	789
20 - 24	PHOTOGRAPHIC	14	50	50	450
20 - 26	PROGRAM EXPENSES/SUPPLIES	-	1,875	-	-
20 - 27	TRAFFIC/SIGNAL	26,453	27,810	20,000	-
20 - 29	UNIFORM/UNIFORM ALLOW	-	555	555	974
20 - 31	BOOKS	251	500	500	450
20 - 32	SECURITY/SAFETY MATERIALS	339	3,071	3,071	2,224
20 - 33	SMALL TOOLS	1,311	1,000	1,000	6,639
20 - 37	COMPUTER SOFTWARE	9,223	2,266	2,266	18,234
20 - 38	COMPUTER HARDWARE	4,258	-	-	12,400
	<b>MATERIALS &amp; SUPPLIES</b>	<b>47,530</b>	<b>44,677</b>	<b>28,942</b>	<b>45,660</b>
30 - 21	TELEPHONE/FAX	1,462	3,500	3,025	5,096
30 - 25	ADVERTISEMENT	-	200	-	50
30 - 27	SUBSCRIPTIONS AND DUES	527	660	550	1,442
30 - 28	TRAINING/CONF/FOOD/TRAVEL	476	1,325	1,325	4,338
30 - 31	CONTRACTUAL SERVICES	70	1,500	1,845	1,500
30 - 62	GASOLINE	3,347	3,200	3,200	7,400
30 - 64	TRUCK REPAIRS/MAINTENANCE	10	300	160	160
30 - 67	RADIO REPAIRS/MAINTENANCE	-	-	-	371
	<b>ADMINISTRATIVE EXPENDITURES</b>	<b>5,892</b>	<b>10,685</b>	<b>10,105</b>	<b>20,357</b>
40 - 23	TRUCKS - PURCHASE	-	-	-	52,000
	<b>CAPITAL OUTLAY</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>52,000</b>
	<b>TOTAL EXPENDITURES</b>	<b>289,209</b>	<b>312,126</b>	<b>302,068</b>	<b>698,464</b>
	REVENUES:				
	GENERAL FUND	289,209	312,126	302,068	646,464
	WATER/WASTEWATER CAPITAL PROJECTS FUND				52,000
	PERSONNEL:				
	FULL-TIME PERMANENT	3.0	3.0	3.0	8.0
	PART-TIME PERMANENT				

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