

Sewer Fund

Mission

Sewer Administration

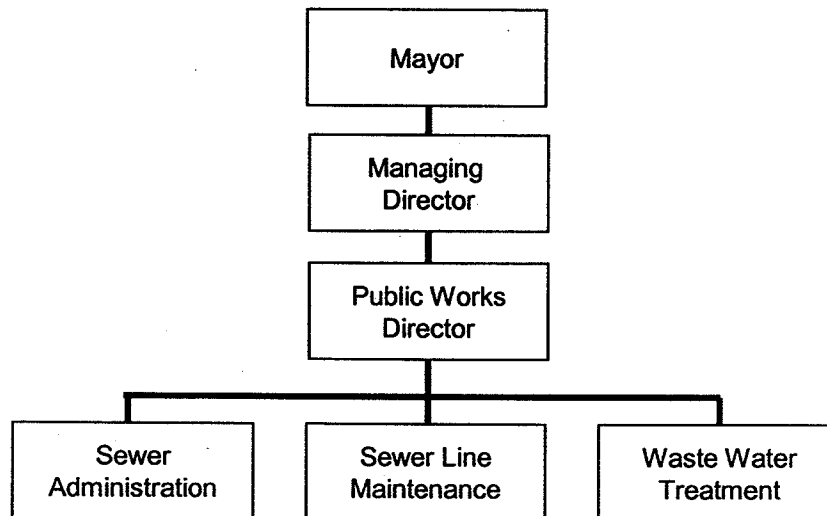
To provide engineering design and construction inspection services for all sanitary sewer extensions, storm water improvements, minor facilities at the wastewater plant, and maintenance of all permanent storm or sanitary installation records after construction.

Sewer Line Maintenance

To provide, through a combination of inspection, upgrading, replacement, and repair, for the maintenance of the collection system through which sewage is conveyed to the treatment facility.

Waste Water Treatment

To provide, in accordance with regulatory requirements, and utilizing recognized operational, maintenance, and laboratory procedures, for effective processing of all waste water entering the treatment facility. Similarly, to effectively maintain and support all related programs mandated by the Clean Streams Law and Amendments.



**CITY OF ALLENTOWN
FUND SUMMARY - SEWER FUND (003)**

	2004	2005	2006	2007	2008	2008	2009
	Actual	Actual	Actual	Actual	Final Budget	Actual & Estimated	Final Budget
Opening Balance - Cash Basis 12/31/07						4,170,911	2,382,270
Revenues:							
3261 Metered Sewer Rates	7,462,936	7,303,636	7,163,966	7,123,837	7,100,000	7,140,000	7,200,000
3262 Penalties & Interest	140,417	135,981	124,370	112,871	95,000	115,000	115,000
3263 Signatories	5,286,383	6,648,496	6,482,370	5,265,724	5,750,000	5,750,000	5,900,000
3267 Signatories - Excess Capacity Sales	-	997,500	-	1,137,500	-	-	1,100,000
3266 Industrial Waste Surcharges	36,716	37,000	33,661	25,101	16,000	18,921	20,000
3264 Sewer Utility Assessments	13,327	-	-	-	-	-	-
3268 Septage Disposal Fees	99,600	91,250	100,000	113,750	90,000	84,050	90,000
5211 West Nile Virus Grant	3,563	-	4,328	2,126	-	-	-
3269 Leachate Treatment	1,134,669	1,143,186	1,089,907	182,793	-	595,055	-
3339 Tapping Fee	-	-	-	86,622	250,000	40,000	75,000
6145 Gain/Loss on Disposal of Fixed Assets	-	-	-	(52,907)	-	-	-
6413 Interest Income	137,935	58,425	192,689	179,300	75,000	65,277	70,000
6684 State Aid for Pension	49,689	48,471	54,436	47,694	45,000	45,000	45,000
3265 Special Sewer Charges	165,880	223,531	224,428	179,466	165,000	164,904	165,000
6683 Miscellaneous	95,207	115,326	160,965	129,971	95,000	157,609	160,000
Total Revenue	14,626,322	16,802,802	15,631,119	14,533,848	13,681,000	14,175,816	14,940,000
Total Funds Available						18,346,727	17,322,270
Expenditures:							
02 Permanent Wages	3,759,704	4,038,085	4,036,235	4,124,954	4,686,578	4,485,240	4,959,951
<i>Vacancy Factor</i>					(100,000)		(100,000)
04 Temporary Wages	-	2,300	8,055	12,787	55,100	19,618	35,100
06 Premium Pay	331,373	366,703	334,846	348,400	385,814	378,614	398,554
11 Shift Differential	-	16,000	21,298	22,470	22,600	21,500	27,351
12 FICA	308,629	327,138	330,646	339,079	393,982	375,230	414,703
14 Pension	68,100	342,810	96,725	383,489	340,000	337,280	343,588
16 Insurance - Employee Group	894,763	1,028,907	1,193,545	1,191,606	1,205,600	1,279,276	1,322,263
Total Personnel	5,362,569	6,121,943	6,021,350	6,422,785	6,989,675	6,896,759	7,401,510
20 Electric Power	720,999	723,350	754,918	735,761	915,844	840,844	816,844
22 Telephone	1,800	3,800	4,166	6,176	9,490	9,490	11,250
24 Postage & Shipping	991	1,150	1,837	1,224	1,900	1,400	1,900
26 Printing	3,919	6,500	5,690	2,174	6,000	5,320	6,000
28 Mileage Reimbursement	300	300	209	230	300	200	300
30 Rentals	80,265	70,000	76,174	67,688	92,000	90,000	38,000
32 Publications & Memberships	6,575	10,390	7,137	10,122	14,640	12,440	14,200
34 Training & Prof. Development	11,421	22,150	9,109	24,842	35,800	29,000	38,800
42 Repairs & Maintenance	200,981	156,103	185,519	188,520	150,700	205,300	308,700
44 Professional Service Fees	131,576	174,500	40,305	121,959	239,000	248,000	333,000
46 Other Contract Services	875,322	961,029	920,913	873,474	1,139,022	1,108,522	1,081,387
50 Other Services & Charges	94,000	74,000	84,559	53,898	48,550	48,550	53,550
Total Services & Charges	2,128,149	2,203,272	2,090,535	2,086,068	2,653,246	2,599,066	2,703,931
54 Repair & Maintenance Supplies	232,497	369,700	307,559	590,738	690,310	672,665	590,310
56 Uniforms	8,278	9,500	8,782	14,410	14,500	13,900	16,000
58 Office Supplies	2,947	3,500	3,192	3,894	4,300	4,100	4,800
62 Fuels, Oils & Lubricants	49,000	59,100	74,205	200,951	120,000	170,000	170,000
64 Pipe & Fittings	146,046	174,800	141,796	51,726	191,000	220,900	211,000
66 Chemicals	311,361	336,596	319,925	304,230	475,000	424,300	487,000
68 Operating Materials & Supplies	30,469	38,290	34,555	34,663	66,600	57,600	60,500
Total Materials & Supplies	780,598	991,486	890,014	1,200,612	1,561,710	1,563,465	1,539,610

**CITY OF ALLENTOWN
FUND SUMMARY - SEWER FUND (003)**

	2004 Actual	2005 Actual	2006 Actual	2007 Actual	2008 Final Budget	2008 Actual & Estimated	2009 Final Budget
72 Equipment	299,273	407,606	404,612	267,172	415,950	430,950	460,835
76 Construction Contracts	93,509	110,000	103,917	134,090	260,000	260,000	315,000
Total Capital Outlays	392,782	517,606	508,529	401,262	675,950	690,950	775,835
82 Interest Expense	787,799	734,808	662,060	606,340	564,868	584,314	453,625
84 Capital Fund Contribution	2,250,000	1,350,000	-	1,525,000	675,000	675,000	750,000
86 General City Charges	1,239,422	1,239,422	1,363,364	1,431,532	1,547,071	1,547,071	1,624,425
88 Interfund Transfers	572,172	1,771,000	750,000	1,640,246	483,332	483,332	485,000
90 Refunds	24,032	6,000	4,660	3,724	6,000	6,000	6,000
92 Minimum Charge Rebates	1,286	3,000	1,129	847	6,000	3,500	3,000
98 Debt Principal	1,795,000	1,875,000	1,555,000	1,105,000	1,050,000	915,000	1,180,000
99 Reserve for Encumbrances	28,133	34,653	280,824	89,472	-	-	-
Total Sundry	6,697,844	7,013,883	4,617,037	6,402,161	4,332,271	4,214,217	4,502,050
Total Expenditures	15,361,941	16,848,190	14,127,465	16,512,888	16,212,852	15,964,457	16,922,936
Closing Balance						2,382,270	399,335

**SEWER REVENUE BONDS
AMORTIZATION SCHEDULE**

<u>YEAR</u>	<u>IMPROVEMENT SERIES OF 1993</u>		<u>REFUNDING SERIES OF 2001</u>		<u>SERIES OF 2003</u>	
	<u>PRINCIPAL</u>	<u>INTEREST</u>	<u>PRINCIPAL</u>	<u>INTEREST</u>	<u>PRINCIPAL</u>	<u>INTEREST</u>
2009	315,000.00	36,442.50	80,000.00	63,115.00	295,000.00	160,746.26
2010	330,000.00	18,645.00	85,000.00	60,035.00	305,000.00	152,265.00
2011	-	-	85,000.00	56,635.00	315,000.00	142,505.00
2012	-	-	90,000.00	53,150.00	325,000.00	131,952.50
2013	-	-	95,000.00	49,280.00	340,000.00	120,415.00
2014	-	-	100,000.00	45,100.00	350,000.00	108,175.00
2015	-	-	100,000.00	40,600.00	400,000.00	95,050.00
2016	-	-	105,000.00	36,000.00	380,000.00	79,050.00
2017	-	-	110,000.00	30,750.00	395,000.00	63,850.00
2018	-	-	115,000.00	25,250.00	410,000.00	47,457.50
2019	-	-	125,000.00	19,500.00	430,000.00	30,032.50
2020	-	-	130,000.00	13,250.00	255,000.00	11,220.00
2021	-	-	135,000.00	6,750.00	-	-
TOTAL	645,000.00	55,087.50	1,355,000.00	499,415.00	4,200,000.00	1,142,718.76

<u>YEAR</u>	<u>SERIES OF 2004</u>		<u>SERIES OF 2008</u>	
	<u>PRINCIPAL</u>	<u>INTEREST</u>	<u>PRINCIPAL</u>	<u>INTEREST</u>
2009	25,000.00	9,265.00	465,000.00	184,056.26
2010	25,000.00	8,690.00	485,000.00	170,106.26
2011	25,000.00	8,065.00	840,000.00	155,556.26
2012	25,000.00	7,377.50	865,000.00	130,356.26
2013	30,000.00	6,627.50	800,000.00	104,406.26
2014	30,000.00	5,667.50	430,000.00	79,606.26
2015	30,000.00	4,677.50	445,000.00	66,168.76
2016	30,000.00	3,627.50	460,000.00	51,150.00
2017	30,000.00	2,540.00	470,000.00	35,050.00
2018	35,000.00	1,400.00	490,000.00	18,130.00
2019	-	-	-	-
2020	-	-	-	-
2021	-	-	-	-
TOTAL	285,000.00	57,937.50	5,750,000.00	994,586.32

**SEWER REVENUE BONDS
AMORTIZATION SCHEDULE**

TOTAL DEBT SERVICE

<u>YEAR</u>	<u>PRINCIPAL</u>	<u>INTEREST</u>	<u>TOTAL</u>
2009	1,180,000.00	453,625.02	1,633,625.02
2010	1,230,000.00	409,741.26	1,639,741.26
2011	1,265,000.00	362,761.26	1,627,761.26
2012	1,305,000.00	322,836.26	1,627,836.26
2013	1,265,000.00	280,728.76	1,545,728.76
2014	910,000.00	238,548.76	1,148,548.76
2015	975,000.00	206,496.26	1,181,496.26
2016	975,000.00	169,827.50	1,144,827.50
2017	1,005,000.00	132,190.00	1,137,190.00
2018	1,050,000.00	92,237.50	1,142,237.50
2019	555,000.00	49,532.50	604,532.50
2020	385,000.00	24,470.00	409,470.00
2021	135,000.00	6,750.00	141,750.00
TOTAL	12,235,000.00	2,749,745.08	14,984,745.08

CITY OF ALLENTOWN
PROGRAM BUDGET
RESOURCE REQUIREMENTS

FUND 003 SEWER
DEPT 07 MANAGEMENT SYSTEMS
BUREAU 0604 MANAGEMENT DIRECTOR & INFORMATION SERVICES
PROGRAM 0002 GIS

Personnel Detail	2004	2005	2006	2007	2008		2008		2009	
	Actual	Actual	Actual	Actual	Final Budget	Salaries	Actual & Estimated	Salaries	Final Budget	Salaries
	Number of Permanent Positions				#	Salaries	#	Salaries	#	Salaries
16N Database Admin - Analyst	-	-	-	-	-	-	-	-	1.0	73,000
16N Sr IT Developer	-	-	-	-	-	-	-	-	0.5	36,500
14N Senior GIS Coordinator	-	-	-	-	1.0	58,841	1.0	58,891	1.0	62,740
12N GIS Supervisor	-	-	-	-	1.0	62,638	1.0	62,913	-	-
12N System Analyst	-	-	-	-	-	-	-	-	1.0	54,090
10N GIS Analyst	-	-	-	-	1.0	49,000	1.0	48,000	1.0	49,440
Total Positions	-	-	-	-	3.0		2.0		4.5	
Account Detail										
0002-02 PERMANENT WAGES	-	-	-	-		170,479		169,804		275,770
0002-04 TEMPORARY WAGES	-	-	-	-		32,000		-		12,000
0002-06 PREMIUM PAY	-	-	-	-		1,000		-		-
0002-11 SHIFT DIFFERENTIAL	-	-	-	-		100		-		-
0002-12 FICA	-	-	-	-		15,574		12,990		22,014
0002-14 PENSION	-	-	-	-		10,200		6,800		15,055
0002-16 INSURANCE - EMPLOYEE GRP	-	-	-	-		36,168		25,792		57,938
Personnel	-	-	-	-		265,521		215,386		382,777
0002-32 PUBLICATIONS & MEMBERSHIP	-	-	-	-		200		200		200
0002-34 TRAINING & PROF. DEVELOP	-	-	-	-		12,000		8,200		9,000
0002-42 REPAIRS & MAINTENANCE	-	-	-	-		30,000		30,000		52,000
0002-44 PROFESSIONAL SERVICE FEES	-	-	-	-		-		-		20,000
Services & Charges	-	-	-	-		42,200		38,400		81,200
0002-68 OPERATING MATERIALS AND SUPPLIES	-	-	-	-		12,500		4,500		2,000
Materials & Supplies	-	-	-	-		12,500		4,500		2,000
0002-72 EQUIPMENT	-	-	-	-		84,800		84,800		60,000
Capital Outlay	-	-	-	-		84,800		84,800		60,000
Total GIS	-	-	-	-		405,021		343,086		525,977

**CITY OF ALLENTOWN
PROGRAM BUDGET
RESOURCE REQUIREMENTS**

FUND 003 SEWER
DEPT 03 PUBLIC WORKS
BUREAU 3731 SEWER ADMINISTRATION
PROGRAM 0001 UTILITY ADMINISTRATION

Personnel Detail	2004	2005	2006	2007	2008	2008	2009	
	Actual	Actual	Actual	Actual	Final Budget	Actual & Estimated	Final Budget	
	Number of Permanent Positions				#	Salaries	#	Salaries
	#	#	#	#	#		#	
Total Positions	-	-	-	-	-	-	-	-
Account Detail								
0001-44 PROF SERVICES FEES	24,299	25,000	15,533	15,095	18,000	18,000	18,000	
Services & Charges	24,299	25,000	15,533	15,095	18,000	18,000	18,000	
0001-54 REPAIR & MAINT SUPPLIES	-	-	-	94,437	-	-	-	
0001-62 FUELS, OILS & LUBRICANTS	-	-	-	62,000	-	-	-	
Materials & Supplies	-	-	-	156,437	-	-	-	
0001-82 INTEREST EXPENSE	787,799	734,808	662,060	606,340	564,868	584,314	453,625	
0001-84 CAPITAL FUND CONTRIBUTION	1,100,000	200,000	-	1,425,000	-	-	-	
0001-86 GENERAL CITY CHARGES	1,239,422	1,239,422	1,363,364	1,431,532	1,547,071	1,547,071	1,624,425	
0001-88 INTERFUND TRANSFERS	572,172	1,771,000	750,000	1,640,246	483,332	483,332	485,000	
0001-92 MINIMUM CHARGE REBATES	-	-	-	-	3,000	1,000	-	
0001-98 DEBT PRINCIPAL	1,795,000	1,875,000	1,555,000	1,105,000	1,050,000	915,000	1,180,000	
Sundry	5,494,393	5,820,230	4,330,424	6,208,118	3,648,271	3,530,717	3,743,050	
Total Utility Administration	5,518,692	5,845,230	4,345,957	6,379,650	3,666,271	3,548,717	3,761,050	

PROGRAM DETAIL

Bureau: Sewer Administration	No: 03-3731	Department: Public Works	Program: Engineering	No: 0002
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Program Description:

This program provides for the design and preparation of plans and specifications for sanitary extensions, minor facilities at the wastewater plant, and rehabilitation work on the City's collector system. Additional work includes the review of sewer plans for new subdivisions and assisting the Finance Department with technical aspects of preparing sewer service billings to suburbs.

This program provides contractors and homeowners with information regarding location and depth of lines, connection permits and fees, as well as schedules assessment appeals and other public meetings concerning sewer projects. Other program activities include calculation and billing of miscellaneous invoices and maintenance of sewer connection records.

Goal(s):

To provide administrative support through which the goals and objectives of other City service areas can be achieved.

Measurable Budget Year Objectives and Long Range Targets:

- To eliminate sources of exfiltration, infiltration, and inflow.
- To design sewer extensions/replacements and minor facilities at wastewater.
- To effect connection to available sewers of all properties in the City.
- To reorganize and microfilm sewer files.
- To monitor and update all sewer records.
- To improve employee efficiency through appropriate training.
- To computerize the permit process.

Impact/Output Measures	2005 Actual	2006 Actual	2007 Actual	2008 Estimated	2009 Budgeted
Sewer extensions/replacements	0	0	0	0	0
Hydraulic studies	1	1	1	2	2
Miscellaneous design specifications	1	1	1	2	2
Cost estimates	1	1	1	2	2
Review reports	1	1	1	1	2
Subdivision reviews (Major Only)	12	39	38	15	15
Assessment Ordinances	1	0	1	1	0
# of sewer permits issued	61	101	158	65	50
Inquiries regarding permits, regulations, etc. pertaining to sewer system	650	600	600	600	500

**CITY OF ALLENTOWN
PROGRAM BUDGET
RESOURCE REQUIREMENTS**

FUND 003 SEWER
DEPT 03 PUBLIC WORKS
BUREAU 3731 SEWER ADMINISTRATION
PROGRAM 0002 ENGINEERING

Personnel Detail	2004	2005	2006	2007	2008		2008		2009	
	Actual	Actual	Actual	Actual	Final	Actual &	Actual &	Final	Final	Final
	Number of Permanent Positions				#	Salaries	#	Salaries	#	Salaries
21N Director of Public Works	-	-	-	-	0.2	16,000	0.2	16,000	0.2	17,280
18N Deputy Director of Public Works	-	-	-	-	-	-	-	-	0.3	24,452
18N Manager of Engineering/City Eng	-	-	-	0.2	0.3	24,332	0.3	16,060	-	-
16N Sr Civil Engineer/Asst. City Eng	-	-	-	0.1	0.3	22,196	0.3	22,196	0.3	22,529
14N Associate Utility Engineer	1.0	1.0	1.0	1.0	1.0	69,167	1.0	69,167	1.0	70,182
14N Chief of Survey & Drafting	1.0	1.0	1.0	1.0	1.0	68,986	1.0	68,986	1.0	70,021
12N Engineering Constr. Mgr	1.0	0.1	1.0	1.0	1.0	63,263	1.0	63,263	1.0	64,189
10N Engineering Tech	-	-	-	1.0	1.0	45,882	1.0	45,882	1.0	46,571
14M Engineering Aide 4	1.0	1.0	1.0	1.0	1.0	46,755	1.0	46,689	1.0	48,714
13M Engineering Aide 3	3.0	3.0	2.0	2.0	2.0	83,324	2.0	82,860	2.0	86,655
12M Construction Inspector	4.0	4.0	4.0	4.0	4.0	178,713	4.0	178,360	4.0	186,475
11M Engineering Aide 2	2.0	2.0	2.0	2.0	2.0	84,504	2.0	83,383	2.0	88,055
06M Clerk 2	3.0	3.0	3.0	3.0	3.0	114,161	3.0	109,389	3.0	114,445
Total Positions	16.0	15.1	15.0	16.3	16.8		16.8		16.8	
Account Detail										
0002-02 PERMANENT WAGES	664,385	769,699	784,038	819,689		817,283		802,235		839,568
0002-04 TEMPORARY WAGES	-	-	935	6,358		8,000		8,000		8,000
0002-06 PREMIUM PAY	-	1,884	1,574	4,104		5,000		5,000		5,000
0002-11 SHIFT DIFFERENTIAL	-	-	41	155		300		300		300
0002-12 FICA	47,264	57,097	55,827	58,935		63,540		62,388		65,244
0002-14 PENSION	12,163	57,869	16,120	72,528		56,440		57,120		56,205
0002-16 INSURANCE - EMPLOYEE GRP	171,722	187,074	217,008	220,625		200,130		216,652		216,300
Personnel	895,534	1,073,623	1,075,543	1,182,394		1,150,693		1,151,695		1,190,617
0002-22 TELEPHONE	-	-	-	-		3,240		3,240		4,000
0002-32 PUBLICATIONS & MEMBERSHIP	291	325	321	181		150		150		150
0002-34 TRAINING & PROF. DEVELOP	655	7,000	-	8,012		1,500		1,500		6,500
0002-42 REPAIRS & MAINTENANCE	30,504	34,300	43,702	43,336		16,300		1,300		19,300
0002-44 PROF SERVICES FEES	-	115,000	15,785	-		25,000		25,000		35,000
0002-46 OTHER CONTRACT SERVICES	15,680	35,185	10,496	28,657		45,985		45,985		51,520
Services & Charges	47,130	191,810	70,304	80,186		92,175		77,175		116,470
0002-54 REPAIR & MAINT SUPPLIES	301	1,200	398	304		1,665		1,665		1,665
0002-58 OFFICE SUPPLIES	522	600	598	293		600		600		600
0001-62 FUELS, OILS & LUBRICANTS	-	-	-	15,000		-		-		-
0002-68 OPERATING MATERIALS & SUPP	778	7,800	1,150	61		6,900		6,900		6,900
Materials & Supplies	1,601	9,600	2,146	15,658		9,165		9,165		9,165
0002-72 EQUIPMENT	35,888	37,400	80,674	19,337		29,800		44,800		9,285
Capital Outlay	35,888	37,400	80,674	19,337		29,800		44,800		9,285
0002-99 RESERVE FOR ENCUMBRANCES	17,246	-	76,066	19,597		-		-		-
Sundry	17,246	-	76,066	19,597		-		-		-
Total Engineering	997,400	1,312,433	1,304,733	1,317,172		1,281,833		1,282,835		1,325,537

Bureau: Sewer Line Maintenance	No: 03-3732	Department: Public Works	Program: Construction & Maintenance	No: 0001
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Program Description:

This program maintains, repairs and replaces all sanitary and storm sewer lines, inlets and manholes. Employees provide emergency standby service 24 hours a day, 7 days a week, to respond to sanitary and storm sewer problems. Other program activities include daily inspection and maintenance of the sanitary and storm sewer collection system and continuing evaluation of the sanitary and storm sewer systems through daily CCTV inspection program.

This program provides support to the Streets Bureau for snow plowing, salting and removal on City streets, Hamilton Mall, bridges and City properties.

Goal(s):

To maintain an efficient and effective sanitary and storm sewer maintenance program to prevent system surcharging. To provide an efficient and effective storm sewer and sanitary sewer construction and repair program to ensure proper drainage, minimize property damage and extend the useful life of City streets. To determine the condition of the installed piping network and to effect repairs and restore the structural integrity of sewers either through in place grouting or project preparation. To document connection points to the sewer and/or stormwater conveyance systems in accordance with Federal and State pollution abatement programs.

Measurable Budget Year Objectives and Long Range Targets:

- To provide an ongoing maintenance program for repairs and replacement of sewer lines.
- To reduce root growth in the sanitary sewer system through the use of a chemical root control process.
- To reduce inflow and infiltration to result in increased sewer line capacity.
- To conduct systematic TV inspected evaluation of sewer and stormwater lines.
- To inspect new lines installed by others.
- To perform permit investigations at points of connection by industrial dischargers.
- To clean and flush lines during examination and inspections, and in response to customer requests.
- To grout and repair lines.
- To install and calibrate flow meters and retrieve data for Infiltration and Inflow studies.
- To provide proper drainage, thereby prolonging the life of streets.
- To prevent property damage resulting from collection system surcharging.
- To extend our present system in order to improve efficiency.
- To provide assistance during snow plowing / removal operations.

Impact/Output Measures	2005 Actual	2006 Actual	2007 Actual	2008 Estimated	2009 Budgeted
Pipe installed/repaired all sizes (ft)	2,875	1,350	2,085	1,500	1,800
Manholes constructed/repaired/replaced	45	60	51	40	40
Breaks repaired	16	10	20	10	15
Inlets installed/repaired	190	125	86	130	120
Inlets cleaned	204	200	185	175	200
Lines flushed (miles)	106.6	110	75	100	100
Chemical Root Control (ft)	25,000	25,000	38,000	38,000	30,000
SSES (miles)			15	20	20
Inspect new lines installed (ft)	376	0	500	500	500
Safety grate maintenance (hrs)	304	350	109	200	100
PA One Call requests	3,215	2,500	2,718	2,500	2,500
Backups (City)	61	75	86	75	50
Sidewalk/Street Cuts Repaired	256	120	200	200	150
Snow Hours	2,652	2,000	622	1,500	1,000

**CITY OF ALLENTOWN
PROGRAM BUDGET
RESOURCE REQUIREMENTS**

**FUND 003 SEWER
DEPT 03 PUBLIC WORKS
BUREAU 3732 SEWER LINE MAINTENANCE
PROGRAM 0001 CONSTRUCTION & MAINTENANCE**

Personnel Detail	2004	2005	2006	2007	2008		2008		2009	
	Actual	Actual	Actual	Actual	Final Budget	Salaries	Actual & Estimated	Salaries	Final Budget	Salaries
	Number of Permanent Positions				#	Salaries	#	Salaries	#	Salaries
13N Chief Super Dist/Coll	1.0	1.0	1.0	1.0	1.0	63,443	1.0	64,918	1.0	65,869
12N GIS Supervisor	1.0	1.0	1.0	1.0	1.0	63,401	1.0	63,343	1.0	64,271
11N Maint Supervisor	3.0	3.0	3.0	3.0	3.0	180,089	3.0	169,508	3.0	173,533
14M Equipment Operator 4	2.0	2.0	2.0	2.0	2.0	90,830	2.0	91,050	2.0	94,998
13M Tradesman-Carpenter	1.8	1.8	2.0	2.0	2.0	85,941	2.0	85,742	2.0	89,622
13M Engineering Aide 3	1.0	1.0	1.0	1.0	1.0	43,848	1.0	43,660	1.0	45,610
10M Equipment Operator 3	3.0	3.0	3.0	3.0	3.0	122,705	3.0	122,331	3.0	127,724
09M Equipment Operator 2	-	-	-	1.0	1.0	40,125	1.0	40,243	1.0	41,979
08M Maintenance Worker 2	6.0	6.0	6.0	5.0	5.0	196,458	5.0	148,594	5.0	155,376
06M Clerk 2	1.0	1.0	1.0	1.0	1.0	37,349	1.0	37,372	1.0	39,041
06M Maintenance Worker 1	1.0	1.0	1.0	1.0	1.0	37,149	1.0	37,147	1.0	38,833
Total Positions	20.8	20.8	21.0	21.0	21.0		21.0		21.0	
Account Detail										
0001-02 PERMANENT WAGES	789,205	848,560	799,275	838,360		961,338		903,908		936,856
0001-04 TEMPORARY WAGES	-	2,300	-	-		3,100		2,618		3,100
0001-06 PREMIUM PAY	42,762	64,819	35,284	55,673		61,814		61,814		60,614
0001-11 SHIFT DIFFERENTIAL	-	-	767	1,518		1,200		1,200		1,200
0001-12 FICA	63,496	67,590	63,480	68,028		78,600		74,170		76,635
0001-14 PENSION	13,665	68,503	18,929	80,919		71,400		71,400		70,257
0001-16 INSURANCE - EMPLOYEE GRP	189,798	218,253	253,176	252,672		253,176		270,815		270,375
Personnel	1,098,926	1,270,025	1,170,911	1,297,170		1,430,628		1,385,924		1,419,037
0001-20 ELECTRIC POWER	2,949	5,300	1,299	3,278		7,400		7,400		8,400
0001-22 TELEPHONE	-	2,000	1,593	2,000		2,000		2,000		2,500
0001-26 PRINTING	2,919	6,000	5,000	2,174		5,000		4,500		5,000
0001-30 RENTALS	77,265	67,000	71,091	63,392		87,000		85,000		30,000
0001-32 PUBLICATIONS & MEMBERSHIP	169	200	175	187		200		200		200
0001-34 TRAINING & PROF. DEVELOP	976	4,000	4,402	5,888		6,000		6,000		7,000
0001-42 REPAIRS & MAINTENANCE	2,674	3,000	1,766	1,648		2,000		2,000		2,000
0001-46 OTHER CONTRACT SERVICES	53,549	90,000	50,748	23,716		121,500		121,000		109,000
Services & Charges	140,499	177,500	136,074	102,283		231,100		228,100		164,100
0001-54 REPAIR & MAINT SUPPLIES	92,182	167,500	134,665	324,990		467,500		450,000		367,500
0001-56 UNIFORMS	2,278	3,500	1,370	4,596		4,000		3,400		4,000
0001-58 OFFICE SUPPLIES	-	200	110	-		200		200		200
0001-62 FUELS, OILS & LUBRICANTS	-	100	8,118	9,571		12,000		12,000		12,000
0001-64 PIPE & FITTINGS	125,046	155,000	128,487	45,727		165,000		194,900		185,000
0001-66 CHEMICALS	3,765	7,000	6,000	5,683		7,000		6,300		7,000
0001-68 OPERATING MATERIALS & SUPP	1,691	2,100	253	931		2,100		1,600		2,000
Materials & Supplies	224,962	335,400	279,003	391,498		657,800		668,400		577,700
0001-72 EQUIPMENT	21,206	150,000	174,818	64,237		130,000		130,000		130,000
0001-76 CONSTRUCTION CONTRACTS	93,509	110,000	99,592	119,090		200,000		200,000		225,000
Capital Outlays	114,715	260,000	274,410	183,327		330,000		330,000		355,000
0001-84 CAPITAL CONTRIBUTION	-	-	-	-		375,000		375,000		375,000
0001-90 REFUNDS	24,032	6,000	4,660	3,724		6,000		6,000		6,000
0001-92 MINIMUM CHARGE REBATES	1,286	3,000	1,129	847		3,000		2,500		3,000
0001-99 RESERVE FOR ENCUMBRANCES	10,887	-	170,304	1,677		-		-		-
Sundry	36,205	9,000	176,093	6,248		384,000		383,500		384,000
Total Construction & Maintenance	1,615,307	2,051,925	2,036,491	1,980,526		3,033,528		2,995,924		2,899,837

PROGRAM DETAIL

Bureau: Wastewater Treatment	No: 03-3733	Department: Public Works	Program: Operations	No: 0001
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Program Description:

This program provides for the operation & maintenance, process laboratory testing, and residual biosolids management of the City's Wastewater Treatment Plant. Activities include operation of the treatment facility, preventative and corrective maintenance of equipment and facilities used in the treatment of wastewater and the disposal of biosolids. Additionally included is the laboratory testing necessary to monitor plant efficiencies, ensure effluent compliance with federal and state regulations, monitoring of signatories for user cost recovery and industrial effluent compliance with pretreatment regulations. This program is a combination of Plant Operations & Maintenance, Laboratory Testing and Residuals Disposal programs.

Goal(s):

To provide the highest quality municipal wastewater service for our residential, commercial and industrial users at a reasonable price for Allentown and surrounding communities.

Measurable Budget Year Objectives and Long Range Targets:

- To meet tertiary nitrification effluent standards.
- To assure effluent standard compliance through:
 - Analyzing plant samples to determine plant efficiency and compliance with discharge regulations.
 - Analyzing industrial discharge samples to determine compliance with federal, state and city regulations.
 - Analyzing storm water samples to determine compliance with federal, state, and city regulations.
- To abate plant odors by:
 - Removing biosolids in a timely manner.
 - Ensuring proper operation of all odor control systems and unit treatment processes.
- To complete the Wastewater Treatment Plant Capital Improvement Master Plan.
- To pursue recommendations of Allentown Water Resources Master Automation Plan.
- To pursue recommendations of the Instrumentation and Control Feasibility Study; i.e., renovation of the plant Supervisory Control and Data Acquisition (SCADA) system.
- To pursue re-rating the treatment facility for an average daily flow of 44 million gallons per day.
- To enhance plant security to minimize the threat of acts of terrorism upon the facility.
- To pursue legal and capital improvement strategies for handling wet weather peak flow issues.
- To continue mechanical renovations of the treatment facilities to extend service life of existing processes and continue the high level of reliability.

Impact/Output Measures	2005 Actual	2006 Actual	2007 Actual	2008 Estimated	2009 Budgeted
Total # of non-compliance effluent parameters for year	0	0	0	0	0
Incidents wherein individual unit processes are not functional for longer than one(1) day due to unscheduled mechanical/electrical problem	1	2	0	0	1
OUTPUT – WWT – LAB ANALYSES/YR.					
Total analyses/yr.	39,333	44,860	44,030	44,200	45,000
Plant analyses/yr.	34,506	35,938	36,114	36,600	37,000
Signatory analyses/yr.	1,208	1,223	1,206	1,250	1,300
Industrial analyses/yr.	3,484	6,969	6,507	6,100	6,500
Storm water analyses/yr.	135	730	140	250	200
IMPACT					
Stability of sludge					
Pathogen reduction (sludge detention time in digesters)	19 days	20 days	18 days	19 days	19 days
Vector attractive reduction (% volatile solids reduction)	59%	61%	62%	60%	60%
Pollutant levels in sludge (copper)	1,000 ppm	931 ppm	980 ppm	925 ppm	1,000 ppm
OUTPUT					
Cost/wet ton recycling/disposal	\$16.78	\$18.13	\$21.63*	\$21.00*	\$20.50
Wet ton production	15,966	14,195	15,101	15,700	15,300
Wastewater treated daily (million gallons)	31.72	31.15	30.80	32.30	32.50

*Value includes digester cleaning project debris disposal at current landfill tipping fee of \$60 per wet ton.

**CITY OF ALLENTOWN
PROGRAM BUDGET
RESOURCE REQUIREMENTS**

**FUND 003 SEWER
DEPT 03 PUBLIC WORKS
BUREAU 3733 WASTE WATER TREATMENT
PROGRAM 0001 OPERATIONS**

Personnel Detail	2004	2005	2006	2007	2008		2008		2009	
	Actual	Actual	Actual	Actual	Final Budget	Salaries	Actual & Estimated	Salaries	Final Budget	Salaries
	Number of Permanent Positions				#	Salaries	#	Salaries	#	Salaries
21N Director of Public Works	1.0	0.8	0.8	0.2	0.2	16,000	0.2	16,000	0.2	17,280
17N Manager of Oper Water Resources	1.0	1.0	1.0	1.0	1.0	79,977	1.0	78,923	1.0	80,084
17N Manager of Prog Development-WR	1.0	1.0	1.0	1.0	1.0	79,427	1.0	78,244	1.0	79,604
16N Chief Utility Engineer	1.0	1.0	1.0	1.0	1.0	75,488	1.0	75,488	1.0	76,598
14N Senior Systems Analyst	1.0	1.0	1.0	1.0	1.0	64,436	1.0	63,979	1.0	64,916
14N Senior Systems Analyst	1.0	1.0	1.0	1.0	-	-	-	-	-	-
14N SCADA Analyst	-	-	-	-	1.0	64,036	1.0	64,018	1.0	65,110
13N Chief Super Maintenance	1.0	1.0	1.0	1.0	1.0	67,120	1.0	67,120	1.0	68,104
13N Wastewater Chief TPO	1.0	1.0	1.0	1.0	1.0	66,268	1.0	66,269	1.0	67,241
11N Maintenance Supervisor	1.0	1.0	1.0	1.0	1.0	51,622	1.0	60,721	1.0	61,609
11N WWT Shift Supervisor	4.0	4.0	4.0	4.0	4.0	227,282	4.0	225,823	4.0	231,851
11N Resid Oper Super	1.0	1.0	1.0	1.0	1.0	60,455	1.0	60,455	1.0	61,339
09N Office Manager	1.0	1.0	1.0	1.0	1.0	55,395	1.0	55,395	1.0	56,203
09N Laboratory Supervisor	1.0	1.0	1.0	1.0	1.0	55,395	1.0	55,395	1.0	56,203
08N Billing Specialist	-	-	1.0	1.0	1.0	48,014	1.0	47,917	1.0	48,822
16M Treatment Plant Oper 2	2.0	2.0	2.0	8.0	8.0	350,227	8.0	292,877	8.0	371,807
15M Tax Examiner	1.0	1.7	2.0	2.0	2.0	86,860	2.0	48,695	2.0	82,577
15M Treatment Plant Oper 3	6.0	-	-	-	-	-	-	-	-	-
14M Treatment Plant Oper 3	-	5.0	-	-	-	-	-	-	-	-
14M Instrument Technician	1.0	1.0	1.0	1.0	1.0	45,332	1.0	45,250	1.0	47,289
14M Equipment Operator 4	3.0	3.0	3.0	3.0	3.0	136,769	3.0	136,575	3.0	142,543
13M Treatment Plant Oper 2	-	3.0	-	-	-	-	-	-	-	-
13M Lab Technician	4.0	4.0	4.0	4.0	4.0	163,061	4.0	151,152	4.0	169,495
13M Treatment Plant Oper 1	8.0	8.0	8.0	8.0	8.0	305,192	8.0	292,877	8.0	330,562
13M Tradesman	-	-	-	-	-	-	-	-	3.0	135,395
12M Tradesman Electrician	1.0	1.0	1.0	-	-	-	-	-	-	-
11M Maint Mechanic "A"	5.0	5.0	5.0	5.0	5.0	174,030	5.0	174,291	1.0	33,762
11M Maint Mechanic Electrician	1.0	1.0	1.0	1.0	1.0	36,340	1.0	36,340	-	-
11M Maint Mechanic 2	-	-	-	-	-	-	-	-	1.0	31,699
09M Maint Mechanic 1	-	-	-	-	-	-	-	-	1.0	33,379
09M Sewer Billing Clerk	1.3	1.3	1.3	1.3	1.3	49,229	1.3	49,229	1.3	53,044
09M Equipment Operator 2	2.0	2.0	2.0	2.0	2.0	76,693	2.0	76,693	2.0	82,611
08M Inventory Control Clerk	1.0	1.0	1.0	1.0	1.0	28,113	1.0	27,321	1.0	30,323
06M MW1/Custodial	-	-	-	-	-	-	-	-	1.0	30,630
06M Maintenance Worker 1	3.0	3.0	3.0	3.0	3.0	93,693	3.0	81,223	3.0	92,609
Total Positions	55.3	57.8	51.1	55.5	55.5		55.5		56.5	

Account Detail	2004	2005	2006	2007	2008	2008	2009
	Actual	Actual	Actual	Actual	Final Budget	Actual & Estimated	Final Budget
0001-02 PERMANENT WAGES	2,131,533	2,236,714	2,264,415	2,302,573	2,556,455	2,428,270	2,702,689
0001-04 TEMPORARY WAGES	-	-	7,120	6,429	12,000	9,000	12,000
0001-06 PREMIUM PAY	282,673	300,000	293,536	286,032	312,000	307,000	326,040
0001-11 SHIFT DIFFERENTIAL	-	16,000	20,484	20,797	21,000	20,000	25,851
0001-12 FICA	184,106	188,901	196,641	199,382	221,961	211,467	234,593
0001-14 PENSION	39,554	202,704	57,703	216,170	188,700	188,700	189,024
0001-16 INSURANCE - EMPLOYEE GRP	498,898	583,047	676,342	674,995	669,108	715,724	727,438
Personnel	3,136,764	3,527,366	3,516,241	3,706,378	3,981,224	3,880,161	4,217,635

**CITY OF ALLENTOWN
PROGRAM BUDGET
RESOURCE REQUIREMENTS**

**FUND 003 SEWER
DEPT 03 PUBLIC WORKS
BUREAU 3733 WASTE WATER TREATMENT
PROGRAM 0001 OPERATIONS**

Expenditures (continued)	2004 Actual	2005 Actual	2006 Actual	2007 Actual	2008 Final Budget	2008 Actual & Estimated	2009 Final Budget
0001-20 ELECTRIC POWER	718,050	718,050	753,619	732,483	908,444	833,444	808,444
0001-22 TELEPHONE	1,800	1,800	2,573	4,176	4,250	4,250	4,750
0001-24 POSTAGE SHIPPING	750	750	1,438	928	1,500	1,100	1,500
0001-26 PRINTING	1,000	500	690	-	1,000	820	1,000
0001-28 MILEAGE REIMBURSEMENT	300	300	209	230	300	200	300
0001-30 RENTALS	3,000	3,000	5,083	4,296	5,000	5,000	8,000
0001-32 PUBLICATIONS & MEMBERSHIP	6,000	7,000	5,959	6,401	10,440	8,440	10,000
0001-34 TRAINING & PROF. DEVELOP	9,500	9,500	4,707	10,731	15,000	12,000	15,000
0001-42 REPAIRS & MAINTENANCE	167,803	116,803	140,051	142,001	100,000	170,000	233,000
0001-44 PROF SERVICES FEES	103,500	28,500	6,261	106,767	140,000	140,000	250,000
0001-46 OTHER CONTRACT SERVICES	776,044	804,044	845,727	809,706	939,737	909,737	889,067
0001-50 OTHER SERVICES & CHARGES	94,000	74,000	84,559	53,898	48,550	48,550	53,550
Services & Charges	<u>1,881,747</u>	<u>1,764,247</u>	<u>1,850,875</u>	<u>1,871,617</u>	<u>2,174,221</u>	<u>2,133,541</u>	<u>2,274,611</u>
0001-54 REPAIR & MAINT SUPPLIES	140,000	200,000	172,322	171,006	220,000	220,000	220,000
0001-56 UNIFORMS	6,000	6,000	7,412	9,814	10,500	10,500	12,000
0001-58 OFFICE SUPPLIES	2,200	2,200	2,252	3,102	3,000	3,000	3,500
0001-62 FUELS, OILS, & LUBRICANTS	49,000	59,000	66,087	114,380	108,000	158,000	158,000
0001-64 PIPE FITTINGS	21,000	19,800	13,309	5,999	26,000	26,000	26,000
0001-66 CHEMICALS	307,596	329,596	313,925	298,547	468,000	418,000	480,000
0001-68 OPERATING MATERIALS & SUPP	27,100	25,100	29,990	31,269	41,500	41,500	41,500
Materials & Supplies	<u>552,896</u>	<u>641,696</u>	<u>605,297</u>	<u>634,117</u>	<u>877,000</u>	<u>877,000</u>	<u>941,000</u>
0001-72 EQUIPMENT	241,168	217,406	147,195	183,598	171,350	171,350	254,550
0001-76 CONSTRUCTION CONTRACTS	-	-	4,325	15,000	60,000	60,000	90,000
Capital Outlays	<u>241,168</u>	<u>217,406</u>	<u>151,520</u>	<u>198,598</u>	<u>231,350</u>	<u>231,350</u>	<u>344,550</u>
0001-84 CAPITAL FUND CONTRIBUTION	1,150,000	1,150,000	-	100,000	300,000	300,000	375,000
0001-99 RESERVE FOR ENCUMBRANCES	-	29,352	34,454	67,676	-	-	-
Sundry	<u>1,150,000</u>	<u>1,179,352</u>	<u>34,454</u>	<u>167,676</u>	<u>300,000</u>	<u>300,000</u>	<u>375,000</u>
Total OPERATIONS	6,962,575	7,330,067	6,158,386	6,578,386	7,563,795	7,422,052	8,152,796

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PROGRAM DETAIL

Bureau: Wastewater Treatment	No: 03-3733	Department: Public Works	Program: Pretreatment	No: 0005
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Program Description:

The Pretreatment Program staff develops and implements mechanisms and procedures for enforcing National Pretreatment Standards, Title 40 of the Code of Federal Regulations, Part 403, controlling the introduction of non-domestic wastes into Publicly-Owned Treatment Works (POTW).

Goal(s):

To provide for the safe disposal and treatment of sewage. To provide for equitable cost recovery through high strength surcharge program.

Measurable Budget Year Objectives and Long Range Targets:

- To prevent the introduction of pollutants into the sewers which will interfere with treatment operations.
- To prevent the introduction of pollutants into the sewers which will pass through the treatment works or be incompatible with the treatment works.
- To correct inadequate treatment of many pollutants by industry prior to their release to the environment.
- To improve the feasibility of recycling and of reclaiming the municipal and industrial wastewaters and biosolids.
- To generally reduce health and environmental risks caused by discharges to sewers.
- To ensure that industry complies with promulgated limits for toxic and hazardous substances.
- To sample all discharges requiring surcharge.

Impact/Output Measures	2005 Actual	2006 Actual	2007 Actual	2008 Estimated	2009 Budgeted
Site evaluations for compliance with effluent limitations	404	410	405	450	450
Permit reviews or reevaluation of existing permits with relation to promulgated Federal and local Standards	39	37	31	32	34
Site inspections to determine satisfactory operation of facilities and implementation of pollution control measures	39	37	31	32	34
Site evaluations for surcharge assessment	730	787	705	700	700

**CITY OF ALLENTOWN
PROGRAM BUDGET
RESOURCE REQUIREMENTS**

**FUND 003 SEWER
DEPT 03 PUBLIC WORKS
BUREAU 3733 WASTE WATER TREATMENT
PROGRAM 0005 PRETREATMENT**

		2004	2005	2006	2007	2008	2008	2009	
		Actual	Actual	Actual	Actual	Final	Actual &	Final	
		Number of Permanent Positions				#	Salaries	#	Salaries
						#	Salaries	#	Salaries
Personnel Detail									
21N	Director of Public Works	0.1	0.1	0.1	0.1	0.1	8,000	0.1	8,000
15N	Mgr-Industrial Waste	1.0	0.7	0.7	0.7	0.7	50,585	0.7	50,585
11M	Engineering Aide 2	2.0	2.0	2.0	2.0	1.6	51,791	1.6	51,791
09M	Sewer Billing Clerk	0.5	0.5	0.5	0.5	0.5	17,445	0.5	17,445
Total Positions		3.6	3.3	3.3	3.3	2.9		2.9	
Account Detail									
0005-02	PERMANENT WAGES	159,941	147,650	153,862	116,965	127,821	127,821	149,272	
0005-06	PREMIUM PAY	5,935	-	4,452	1,990	6,000	4,000	6,000	
0005-11	SHIFT DIFFERENTIAL	-	-	6	-	-	-	-	
0005-12	FICA	12,659	10,926	12,066	9,087	10,237	10,084	11,878	
0005-14	PENSION	2,548	11,074	3,236	11,175	9,860	9,860	9,702	
0005-16	INSURANCE - EMPLOYEE GRP	32,085	34,297	39,785	34,892	34,962	37,398	37,338	
Personnel		213,167	203,947	213,407	174,109	188,881	189,164	214,190	
0005-24	POSTAGE & SHIPPING	241	400	399	296	400	300	400	
0005-32	PUBLICATIONS & MEMBERSHIP	115	2,500	682	3,066	3,250	3,250	3,250	
0005-34	TRAINING & PROF. DEVELOP	290	1,200	-	211	400	400	400	
0005-42	REPAIRS & MAINTENANCE	-	1,600	-	1,535	1,600	1,600	1,600	
0005-44	PROF SERVICES FEES	3,777	6,000	2,726	97	56,000	65,000	10,000	
0005-46	OTHER CONTRACT SERVICES	18,077	25,000	11,836	10,981	25,000	25,000	25,000	
Services & Charges		22,500	36,700	15,643	16,186	86,650	95,550	40,650	
0005-54	REPAIR & MAINT SUPPLIES	14	800	174	1	800	800	800	
0005-58	OFFICE SUPPLIES	225	500	232	499	500	300	500	
0005-68	OPERATING MATERIALS & SUPP	900	2,600	1,809	2,402	2,600	2,600	2,600	
Materials & Supplies		1,139	3,900	2,215	2,902	3,900	3,700	3,900	
0005-72	EQUIPMENT	-	-	-	-	-	-	7,000	
Capital Outlay		-	-	-	-	-	-	7,000	
0005-99	RESERVE FOR ENCUMBRANCES	-	-	-	522	-	-	-	
Sundry		-	-	-	522	-	-	-	
Total	Pretreatment	236,806	244,547	231,265	193,719	279,431	288,414	265,740	

PROGRAM DETAIL

Bureau:	No:	Department:	Program:	No:
Wastewater Treatment	03-3733	Public Works	Storm Water & Stream Surveillance	0007

Program Description:

The SWSS staff develops and implements procedures to carry out the requirements of The City's Separate Storm Sewer Permit, NPDES No. PA-0063665 and Section 402(p) of the Clean Water Act (Storm Water Rules) and monitors water quality in the watersheds to ensure the primary sources of water for the public water supply are not degraded.

Goal(s):

To determine and control sources of pollution in the storm sewer system. To provide protection for the City's potable water sources and to improve the general aesthetic value of the waterways. To obtain stormwater permit(s) from state (DER) and/or federal (EPA) regulatory agencies.

Measurable Budget Year Objectives and Long Range Targets:

- To determine industrial/commercial contributions of pollutants to the storm sewer system.
- To perform investigations of industrial/commercial sites.
- To sample storm sewer outfalls.
- To investigate and determine sources of pollution.
- To increase public awareness regarding the pollution threat in storm runoff.

Impact/Output Measures	2005 Actual	2006 Actual	2007 Actual	2008 Estimated	2009 Budgeted
Site evaluations	235	235	235	235	235
Outfall sampling	135	135	135	130	130
Pollution incident investigations	15	15	10	10	10
Stencil storm sewer appurtenances	500	500	100	100	100

**CITY OF ALLENTOWN
PROGRAM BUDGET
RESOURCE REQUIREMENTS**

**FUND 003 SEWER
DEPT 03 PUBLIC WORKS
BUREAU 3733 WASTE WATER TREATMENT
PROGRAM 0007 STORM WATER & STREAM SURVEILLANCE**

		2004	2005	2006	2007	2008	2008	2009	
		Actual	Actual	Actual	Actual	Final Budget	Actual & Estimated	Final Budget	
		Number of Permanent Positions				#	Salaries	#	Salaries
		#	Salaries	#	Salaries	#	Salaries	#	Salaries
Personnel Detail									
21N	Director of Public Works	0.1	0.1	0.1	0.1	0.1	8,000	0.1	8,000
15N	Mgr-Industrial Waste	-	0.3	0.3	0.3	0.3	21,679	0.3	21,679
09M	Engineering Aide 2	-	-	-	0.4	0.4	16,545	0.4	16,545
09M	Sewer Billing Clerk	0.2	0.2	0.2	0.2	0.2	6,978	0.2	6,978
Total Positions		0.3	0.6	0.6	1.0	1.0		1.0	
Account Detail									
0007-02	PERMANENT WAGES	14,640	35,462	34,645	47,367	53,202	53,202	55,796	
0007-06	PREMIUM PAY	3	-	-	601	-	800	900	
0007-12	FICA	1,104	2,624	2,632	3,647	4,070	4,131	4,337	
0007-14	PENSION	170	2,660	737	2,697	3,400	3,400	3,345	
0007-16	INSURANCE - EMPLOYEE GRP	2,260	6,236	7,234	8,422	12,056	12,896	12,875	
Personnel		18,177	46,982	45,248	62,734	72,728	74,429	77,253	
0007-32	PUBLICATIONS & MEMBERSHIP	-	365	-	287	400	200	400	
0007-34	TRAINING & PROF. DEVELOP	-	450	-	-	900	900	900	
0007-42	REPAIRS & MAINTENANCE	-	400	-	-	800	400	800	
0007-46	OTHER CONTRACT SERVICES	11,973	6,800	2,106	414	6,800	6,800	6,800	
Services & Charges		11,973	8,015	2,106	701	8,900	8,300	8,900	
0007-54	REPAIR & MAINT SUPPLIES	-	200	-	-	345	200	345	
0007-68	OPERATING MATERIALS & SUPP	-	690	1,353	-	1,000	500	5,500	
Materials & Supplies		-	890	1,353	-	1,345	700	5,845	
0007-72	EQUIPMENT	1,011	2,800	1,925	-	-	-	-	
Capital Outlays		1,011	2,800	1,925	-	-	-	-	
0007-99	RESERVE FOR ENCUMBRANCES	-	5,301	-	-	-	-	-	
Sundry		-	5,301	-	-	-	-	-	
Total	Storm Water & Stream Surveillance	31,161	63,988	50,632	63,435	82,973	83,429	91,998	

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