Sewer Fund

Mission

Sewer Administration

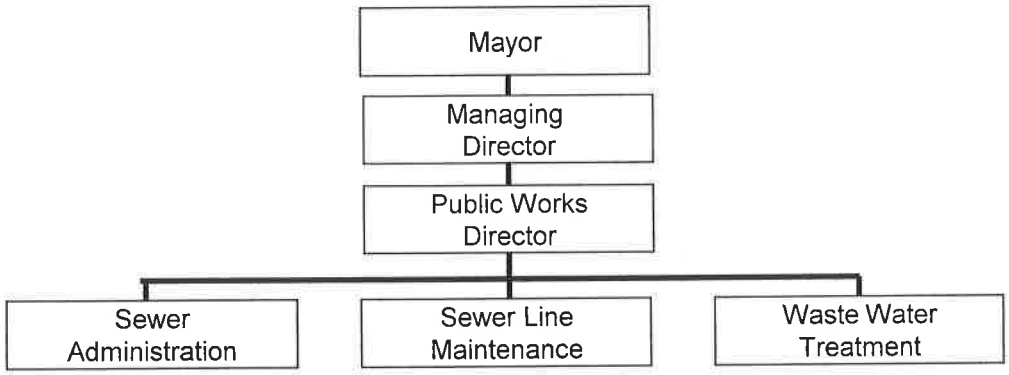
To provide engineering design and construction inspection services for all sanitary sewer extensions, storm water improvements, minor facilities at the wastewater plant, and maintenance of all permanent storm or sanitary installation records after construction.

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)

		2012 Budget	2012 A & E	2013 Proposed
Revenues:				
003-3261	Metered Sewer Charges	7,700,000	7,278,568	7,500,000
003-3262	Metered Sewer Pen & Int	125,000	165,000	165,000
003-3263	Mun Sewer Signatory	7,525,000	9,125,000	8,025,000
003-3265	Spec Sewer Charges	160,000	160,000	160,000
003-3266	Ind Waste Sewer Charges	30,000	30,000	30,000
003-3268	Septage Disposal Fees	100,000	100,000	100,000
003-3269	Leachate Treatment	650,000	650,000	650,000
003-3339	Tapping Fees	30,000	75,000	75,000
003-6683	Miscellaneous	86,500	86,500	90,000
003-6684	State Aid Pension	112,397	121,747	144,289
	Total Revenue	**16,518,897**	**17,791,815**	**16,939,289**

CITY OF ALLENTOWN

FUND SUMMARY - SEWER FUND (003)

	2012 Budget	2012 A & E	2013 Proposed
Expenditures:			
02 PERMANENT WAGES	4,957,018	4,431,075	5,016,227
04 TEMPORARY WAGES	17,981	19,759	25,120
06 PREMIUM PAY	347,920	399,746	358,948
11 SHIFT DIFFERENTIAL	28,370	24,760	28,340
12 FICA	409,374	372,963	412,846
14 PENSION	439,710	439,711	627,861
16 INSURANCE - EMPLOYEE GRP	1,299,674	1,299,675	1,628,100
Total Personnel	**7,500,047**	**6,987,689**	**8,097,442**
20 ELECTRIC POWER	982,775	915,250	980,525
24 POSTAGE & SHIPPING	2,600	2,600	2,600
26 PRINTING	5,725	5,000	5,725
28 MILEAGE REIMBURSEMENT	132	72	132
30 RENTALS	82,820	82,820	97,820
32 PUBLICATIONS & MEMBERSHIP	6,550	5,450	6,930
34 TRAINING & PROF. DEVELOP	27,902	20,850	28,939
42 REPAIRS & MAINTENANCE	304,487	267,200	228,728
46 OTHER CONTRACT SERVICES	1,153,439	1,221,462	1,448,808
50 OTHER SERVICES & CHARGES	9,673	8,500	12,773
Total Services & Charges	**2,576,103**	**2,529,204**	**2,812,980**
54 REPAIR & MAINT SUPPLIES	440,975	470,150	520,225
56 UNIFORMS	11,082	11,082	11,082
62 FUELS, OILS & LUBRICANTS	377,175	356,653	375,754
64 PIPE & FITTINGS	280,069	180,069	280,000
66 CHEMICALS	490,885	467,000	518,799
68 OPERATING MATERIALS & SUPP	61,300	59,300	60,700
Total Materials & Supplies	**1,661,486**	**1,544,254**	**1,766,560**
72 EQUIPMENT	325,800	295,800	301,100
76 CONSTRUCTION CONTRACTS	15,000	15,000	50,000
Total Capital Outlays	**340,800**	**310,800**	**351,100**
82 INTEREST EXPENSE	507,998	482,673	446,210
84 CAPITAL FUND CONTRIBUTION	363,000	363,000	490,000
86 GENERAL CITY CHARGES	1,895,741	1,895,741	1,990,192
88 INTERFUND TRANSFERS	485,000	485,000	485,000

CITY OF ALLENTOWN

FUND SUMMARY - SEWER FUND (003)

	2012 Budget	*2012 A & E*	*2013 Proposed*
Expenditures:			
90 REFUNDS	6,000	6,000	3,000
92 MINIMUM CHARGE REBATES	3,000	3,000	1,500
98 DEBT PRINCIPAL	1,310,000	1,325,000	1,280,000
99 RESERVE FOR ENCUMBRANCES	0	354,261	0
Total Sundry	**4,570,739**	**4,914,675**	**4,695,902**
Total Expenditures	**16,649,175**	**16,286,622**	**17,723,984**
Annual Fiscal Change		**1,505,193**	**(784,695)**

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CITY OF ALLENTOWN
FUND SUMMARY - SEWER FUND (003)

		2008 Actuals	2009 Actuals	2010 Actuals	2011 Actuals
Revenues:					
003-3261	Metered Sewer Charges	6,892,895	6,782,796	7,056,551	7,158,845
003-3262	Metered Sewer Pen & Int	142,948	148,127	128,558	172,182
003-3263	Mun Sewer Signatory	6,424,519	6,752,033	6,084,100	1,988,946
003-3265	Spec Sewer Charges	156,427	150,510	167,002	163,695
003-3266	Ind Waste Sewer Charges	23,248	19,354	38,037	26,912
003-3268	Septage Disposal Fees	103,750	97,500	135,000	94,900
003-3269	Leachate Treatment	638,937	610,149	640,219	1,070,584
003-3339	Tapping Fees	28,329	29,240	138,782	21,248
003-6413	Interest Income	76,828	62,646	48,181	0
003-6683	Miscellaneous	166,478	130,659	99,218	115,830
003-6684	State Aid Pension	102,199	96,874	103,037	179,085
003-7100	2008 Bond Proceeds	752	0	0	0
	Total Revenue	**14,757,310**	**14,879,888**	**14,638,685**	**10,992,227**

CITY OF ALLENTOWN
FUND SUMMARY - SEWER FUND (003)

	2008 Actuals	2009 Actuals	2010 Actuals	2011 Actuals
Expenditures:				
02 PERMANENT WAGES	4,440,509	4,713,912	4,475,370	4,409,645
04 TEMPORARY WAGES	12,628	11,939	15,363	18,706
06 PREMIUM PAY	339,746	344,943	483,614	452,997
11 SHIFT DIFFERENTIAL	20,605	25,168	27,218	27,442
12 FICA	362,069	383,093	374,017	370,864
14 PENSION	343,222	343,588	313,716	440,080
16 INSURANCE - EMPLOYEE GRP	1,235,152	1,238,108	1,286,110	1,222,160
Total Personnel	**6,753,931**	**7,060,751**	**6,975,408**	**6,941,894**
20 ELECTRIC POWER	739,133	728,359	887,129	849,028
22 TELEPHONE	8,876	10,732	493	451
24 POSTAGE & SHIPPING	932	1,245	1,459	1,638
26 PRINTING	4,297	3,455	3,145	1,527
28 MILEAGE REIMBURSEMENT	146	54	132	30
30 RENTALS	84,904	979	9,320	1,995
32 PUBLICATIONS & MEMBERSHIP	8,922	7,082	6,603	4,939
34 TRAINING & PROF. DEVELOP	20,237	13,330	10,982	10,785
42 REPAIRS & MAINTENANCE	203,384	242,585	177,669	297,197
44 PROF SERVICES FEES	135,436	163,046	87,984	0
46 OTHER CONTRACT SERVICES	931,085	972,277	851,771	614,275
50 OTHER SERVICES & CHARGES	49,050	53,550	3,549	5,725
Total Services & Charges	**2,186,402**	**2,196,694**	**2,040,236**	**1,787,590**
54 REPAIR & MAINT SUPPLIES	506,662	423,450	369,934	429,868
56 UNIFORMS	14,148	10,035	8,819	6,313
58 OFFICE SUPPLIES	3,150	3,195	2,585	0
62 FUELS, OILS & LUBRICANTS	120,416	60,388	101,671	294,763
64 PIPE & FITTINGS	183,988	163,160	216,954	157,877
66 CHEMICALS	320,438	345,144	320,283	378,756
68 OPERATING MATERIALS & SUPP	31,920	28,642	34,466	38,670
Total Materials & Supplies	**1,180,722**	**1,034,014**	**1,054,712**	**1,306,247**
72 EQUIPMENT	283,421	182,813	73,243	385,269
76 CONSTRUCTION CONTRACTS	280,751	26,180	21,481	14,255
Total Capital Outlays	**564,172**	**208,993**	**94,724**	**399,524**
82 INTEREST EXPENSE	446,842	453,625	409,741	445,614
84 CAPITAL FUND CONTRIBUTION	675,000	750,000	260,000	650,000
86 GENERAL CITY CHARGES	1,547,071	1,624,425	1,713,398	1,807,303
88 INTERFUND TRANSFERS	483,332	485,000	485,000	485,000
90 REFUNDS	4,545	647	535	145
92 MINIMUM CHARGE REBATES	845	546	321	647
98 DEBT PRINCIPAL	915,000	1,180,000	1,230,000	1,270,000
99 RESERVE FOR ENCUMBRANCES	496,657	307,575	308,558	499,758
Total Sundry	**4,569,292**	**4,801,818**	**4,407,553**	**5,158,467**
Total Expenditures	**15,254,519**	**15,302,270**	**14,572,633**	**15,593,722**

SEWER REVENUE BONDS
AMORTIZATION SCHEDULE

	SERIES OF 2003		SERIES OF 2004	
YEAR	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST
2013	340,000.00	120,415.00	30,000.00	6,627.50
2014	350,000.00	108,175.00	30,000.00	5,667.50
2015	400,000.00	95,050.00	30,000.00	4,677.50
2016	380,000.00	79,050.00	30,000.00	3,627.50
2017	395,000.00	63,850.00	30,000.00	2,540.00
2018	410,000.00	47,457.50	35,000.00	1,400.00
2019	430,000.00	30,032.50		
2020	255,000.00	11,220.00		
TOTAL	2,960,000.00	555,250.00	185,000.00	24,540.00

	SERIES OF 2008	
YEAR	PRINCIPAL	INTEREST
2013	800,000.00	104,406.26
2014	430,000.00	79,606.26
2015	445,000.00	66,168.76
2016	460,000.00	51,150.00
2017	470,000.00	35,050.00
2018	490,000.00	18,130.00
TOTAL	**3,095,000.00**	**354,511.28**

SEWER REVENUE BONDS
AMORTIZATION SCHEDULE

	SERIES OF 2011		SERIES OF 2011-A	
YEAR	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST
2013	5,000	185,061.26	105,000	29,700.00
2014	5,000	184,961.26	110,000	27,600.00
2015	5,000	184,861.26	105,000	25,400.00
2016	5,000	184,742.50	110,000	22,250.00
2017	5,000	184,600.00	110,000	18,950.00
2018	5,000	184,443.76	115,000	15,650.00
2019	5,000	184,268.76	125,000	12,200.00
2020	180,000	184,081.26	125,000	15,116.11
2021	455,000	176,881.26	130,000	4,387.50
2022	615,000	158,112.50		
2023	645,000	131,206.26		
2024	670,000	102,987.50		
2025	705,000	72,000.00		
2026	735,000	36,750.00		
TOTAL	**4,040,000**	**2,154,957.58**	**1,035,000**	**171,253.61**

SEWER REVENUE BONDS
AMORTIZATION SCHEDULE

	TOTAL DEBT SERVICE		
YEAR	PRINCIPAL	INTEREST	TOTAL
2013	1,280,000.00	446,210.02	1,726,210.02
2014	925,000.00	406,010.02	1,331,010.02
2015	985,000.00	376,157.52	1,361,157.52
2016	985,000.00	340,820.00	1,325,820.00
2017	1,010,000.00	304,990.00	1,314,990.00
2018	1,055,000.00	267,081.26	1,322,081.26
2019	560,000.00	226,501.26	786,501.26
2020	560,000.00	210,417.37	770,417.37
2021	585,000.00	181,268.76	766,268.76
2022	615,000.00	158,112.50	773,112.50
2023	645,000.00	131,206.26	776,206.26
2024	670,000.00	102,987.50	772,987.50
2025	705,000.00	72,000.00	777,000.00
2026	735,000.00	36,750.00	771,750.00
TOTAL	**11,315,000.00**	**3,260,512.47**	**14,575,512.47**

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CITY OF ALLENTOWN
PERSONNEL SUMMARY

FUND	003	SEWER
DEPT	07	MANAGING DIRECTOR
BUREAU	0604	MANAGEMENT SYSTEMS
PROGRAM	0002	GIS

		2008	2009	2010	2011	2012		2012		2013	
		Actual				Final Budget		Actual & Estimated		Proposed Budget	
		Number of Permanent Positions				#	Salaries	#	Salaries	#	Salaries
16N	Database Admin - Analyst	-	1.0	1.0	1.0	1.0	64,554	1.0	64,554	1.0	65,703
16N	Senior IT Developer	-	0.5	0.5	0.5	0.5	31,538	-	-	-	-
14N	Senior GIS Coordinator	1.0	1.0	1.0	1.0	1.0	64,630	1.0	64,875	1.0	66,488
14N	Application Developer	-	-	-	-	-	-	1.0	58,007	1.0	63,393
12N	GIS Supervisor	1.0	-	-	-	-	-	-	-	-	-
12N	System Analyst	-	1.0	1.0	1.0	1.0	55,738	-	-	-	-
10N	GIS Analyst	1.0	1.0	1.0	1.0	1.0	50,794	1.0	51,062	1.0	52,499
	Total Positions	**3.0**	**4.5**	**4.5**	**4.5**	**4.5**	**267,254**	**4.0**	**238,498**	**4.0**	**248,083**

CITY OF ALLENTOWN
PROGRAM BUDGET

003 SEWER
07 MANAGEMENT SYSTEMS
0604 MANAGEMENT DIRECTOR & INFORMATION SYSTEM
0002 GIS

Account Number		*2012 Budget*	*2012 A & E*	*2013 Proposed*
0002-02	PERMANENT WAGES	267,254	238,498	248,083
0002-12	FICA	20,445	18,245	18,979
0002-14	PENSION	20,315	20,315	25,838
0002-16	INSURANCE - EMPLOYEE GRP	69,406	69,406	67,000
0002-34	TRAINING & PROF. DEVELOP	6,000	4,100	6,000
0002-42	REPAIRS & MAINTENANCE	63,000	52,200	53,000
0002-46	OTHER CONTRACT SERVICES	151,334	104,000	152,000
0002-72	EQUIPMENT	28,000	28,000	28,000
0002-99	RESERVE FOR ENCUMBRANCES	0	36,623	0
Total	**GIS**	**625,754**	**571,387**	**598,900**

CITY OF ALLENTOWN
PROGRAM BUDGET

003 SEWER
07 MANAGEMENT SYSTEMS
0604 MANAGEMENT DIRECTOR & INFORMATION SYSTEM
0002 GIS

Account Number		*2008 Actuals*	*2009 Actuals*	*2010 Actuals*	*2011 Actuals*
0002-02	PERMANENT WAGES	151,763	238,059	252,360	211,045
0002-12	FICA	11,468	17,864	18,607	15,512
0002-14	PENSION	10,297	15,055	14,599	20,543
0002-16	INSURANCE - EMPLOYEE GRP	36,168	55,328	59,850	63,675
0002-34	TRAINING & PROF. DEVELOP	9,266	4,443	3,473	0
0002-42	REPAIRS & MAINTENANCE	30,000	52,000	53,300	52,200
0002-44	PROF SERVICES FEES	0	11,705	39,150	0
0002-46	OTHER CONTRACT SERVICES	0	0	0	29,267
0002-68	OPERATING MATERIALS & SUPP	0	75	0	0
0002-72	EQUIPMENT	40,081	55,442	970	22,332
0002-99	RESERVE FOR ENCUMBRANCES	0	44,700	1,150	62,790
Total	**GIS**	**289,043**	**494,671**	**443,459**	**477,364**

CITY OF ALLENTOWN
PROGRAM BUDGET

003 SEWER
03 PUBLIC WORKS
3731 SEWER ADMINISTRATION
0001 UTILITY ADMINISTRATION

Account Number		*2012 Budget*	*2012 A & E*	*2013 Proposed*
0001-46	OTHER CONTRACT SERVICES	27,600	42,957	243,093
0001-82	INTEREST EXPENSE	507,998	482,673	446,210
0001-86	GENERAL CITY CHARGES	1,895,741	1,895,741	1,990,192
0001-88	INTERFUND TRANSFERS	485,000	485,000	485,000
0001-98	DEBT PRINCIPAL	1,310,000	1,325,000	1,280,000
Total	**UTILITY ADMINISTRATION**	**4,226,339**	**4,231,371**	**4,444,495**

CITY OF ALLENTOWN
PROGRAM BUDGET

003 SEWER
03 PUBLIC WORKS
3731 SEWER ADMINISTRATION
0001 UTILITY ADMINISTRATION

Account Number		*2008 Actuals*	*2009 Actuals*	*2010 Actuals*	*2011 Actuals*
0001-44	PROF SERVICES FEES	8,709	10,364	6,705	0
0001-46	OTHER CONTRACT SERVICES	0	0	0	19,992
0001-82	INTEREST EXPENSE	446,842	453,625	409,741	445,614
0001-86	GENERAL CITY CHARGES	1,547,071	1,624,425	1,713,398	1,807,303
0001-88	INTERFUND TRANSFERS	483,332	485,000	485,000	485,000
0001-98	DEBT PRINCIPAL	915,000	1,180,000	1,230,000	1,270,000
0001-99	RESERVE FOR ENCUMBRANCES	58,548	0	0	0
Total	**UTILITY ADMINISTRATION**	**3,459,502**	**3,753,414**	**3,844,844**	**4,027,909**

PROGRAM DETAIL

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

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	2009 Actual	2010 Actual	2011 Actual	2012 Estimated	2013 Budgeted
Sewer extensions/replacements	0	0	0	0	0
Hydraulic studies	0	1	1	1	1
Miscellaneous design specifications	0	2	1	2	2
Cost estimates	1	2	1	2	2
Review reports	1	2	1	3	3
Subdivision reviews (Major Only)	10	13	15	20	25
Assessment Ordinances	0	0	0	0	0
# of sewer permits issued	56	50	40	32	40
Inquiries regarding permits, regulations, etc. pertaining to sewer system	403	350	350	350	400

CITY OF ALLENTOWN
PERSONNEL SUMMARY

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

		2008	2009	2010	2011	2012		2012		2013	
		Actual				Final Budget		Actual & Estimated		Proposed Budget	
		Number of Permanent Positions				#	Salaries	#	Salaries	#	Salaries
21N	Director of Public Works	0.2	0.2	0.2	0.2	0.2	18,106	0.2	18,106	0.2	18,399
18N	Dep Dir of Public Works	-	0.3	0.3	-	-	-	0.3	14,325	0.3	25,200
18N	Mgr of Eng/City Eng	0.3	-	-	-	-	-	-	-	-	-
16N	Sr Civil Eng/Asst City Eng	0.3	0.3	0.3	0.3	0.3	23,522	0.3	23,522	0.3	23,892
14N	Associate Utility Engineer	1.0	1.0	1.0	1.0	1.0	72,956	1.0	72,956	1.0	74,045
14N	Chief of Survey & Drafting	1.0	1.0	1.0	1.0	1.0	73,188	1.0	73,188	1.0	74,369
12N	Engineering Constr Mgr	1.0	1.0	1.0	1.0	1.0	66,716	1.0	61,015	1.0	58,580
10N	Engineering Tech	1.0	1.0	-	-	-	-	-	-	-	-
14M	Engineering Aide 4	1.0	1.0	1.0	1.0	1.0	38,936	1.0	-	1.0	39,119
13M	Engineering Aide 3	2.0	2.0	2.0	2.0	2.0	86,659	2.0	49,621	2.0	87,618
12M	Construction Inspector	4.0	4.0	3.0	3.0	3.0	155,767	3.0	103,780	3.0	158,121
11M	Engineering Aide 2	2.0	2.0	1.0	1.0	1.0	48,152	1.0	-	1.0	35,408
06M	Clerk 2	3.0	3.0	2.0	2.0	2.0	83,980	2.0	84,591	2.0	85,324
	Total Positions	**16.8**	**16.8**	**12.8**	**12.5**	**12.5**	**667,982**	**12.8**	**501,104**	**12.8**	**680,075**

CITY OF ALLENTOWN
PROGRAM BUDGET

003 SEWER
03 PUBLIC WORKS
3731 SEWER ADMINISTRATION
0002 ENGINEERING

Account Number		*2012 Budget*	*2012 A & E*	*2013 Proposed*
0002-02	PERMANENT WAGES	667,982	501,104	680,075
0002-06	PREMIUM PAY	1,000	1,746	1,000
0002-11	SHIFT DIFFERENTIAL	100	100	100
0002-12	FICA	51,185	38,476	52,110
0002-14	PENSION	56,431	56,431	82,681
0002-16	INSURANCE - EMPLOYEE GRP	165,582	165,582	214,400
0002-32	PUBLICATIONS & MEMBERSHIP	150	150	375
0002-34	TRAINING & PROF. DEVELOP	2,500	1,000	2,500
0002-42	REPAIRS & MAINTENANCE	18,900	14,500	18,900
0002-46	OTHER CONTRACT SERVICES	155,860	155,860	106,360
0002-54	REPAIR & MAINT SUPPLIES	725	400	725
0002-68	OPERATING MATERIALS & SUPP	2,200	700	2,200
0002-99	RESERVE FOR ENCUMBRANCES	0	25,000	0
Total	**ENGINEERING**	**1,122,615**	**961,049**	**1,161,426**

CITY OF ALLENTOWN
PROGRAM BUDGET

003 SEWER
03 PUBLIC WORKS
3731 SEWER ADMINISTRATION
0002 ENGINEERING

Account Number		*2008 Actuals*	*2009 Actuals*	*2010 Actuals*	*2011 Actuals*
0002-02	PERMANENT WAGES	782,233	781,838	638,787	582,815
0002-04	TEMPORARY WAGES	354	0	0	0
0002-06	PREMIUM PAY	639	248	2,091	2,252
0002-11	SHIFT DIFFERENTIAL	5	0	87	41
0002-12	FICA	55,603	55,514	44,585	44,194
0002-14	PENSION	56,975	56,205	41,526	57,064
0002-16	INSURANCE - EMPLOYEE GRP	229,682	206,556	170,240	157,525
0002-22	TELEPHONE	2,720	1,382	493	451
0002-32	PUBLICATIONS & MEMBERSHIP	125	95	115	125
0002-34	TRAINING & PROF. DEVELOP	120	100	377	883
0002-42	REPAIRS & MAINTENANCE	1,137	10,607	12,690	13,235
0002-44	PROF SERVICES FEES	9,749	19,894	0	0
0002-46	OTHER CONTRACT SERVICES	32,606	40,256	47,140	44,684
0002-54	REPAIR & MAINT SUPPLIES	377	340	228	632
0002-58	OFFICE SUPPLIES	150	0	238	0
0002-68	OPERATING MATERIALS & SUPP	2,720	5,599	934	500
0002-72	EQUIPMENT	34,792	9,101	0	0
0002-99	RESERVE FOR ENCUMBRANCES	9,609	485	978	17,090
Total	**ENGINEERING**	**1,219,596**	**1,188,220**	**960,509**	**921,491**

PROGRAM DETAIL

Bureau:	No:	Department:	Program:	No:
Collection & Distribution	03-3732	Public Works	Construction & Maintenance	0001

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	2009 Actual	2010 Actual	2011 Actual	2012 Estimated	2013 Budgeted
Pipe installed/repaired all sizes (ft.)	1,145	1,000	560	1,700	1,700
Manholes constructed/repaired/replaced	59	75	87	87	87
Breaks repaired	7	8	5	20	20
Inlets installed/repaired	142	100	53	100	100
Inlets cleaned	139	200	80	150	150
Lines flushed (miles)	119	100	80	100	100
Chemical Root Control (ft.)	35,000	48,000	47,470	50,000	50,000
SSES (miles)		4	2	15	15
Inspect new lines installed (ft.)	0	0	0	500	500
Safety grate maintenance (hrs.)	143	150	48	100	100
PA One Call requests	1,579	3,000	1,300	1,500	1,800
Backups (City)	329	400	312	400	400
Sidewalk/Street Cuts Repaired	233	275	58	150	100
Snow Hours	939	3,500	1,000	1,000	1,000

CITY OF ALLENTOWN
PERSONNEL SUMMARY

FUND	003	SEWER
DEPT	03	PUBLIC WORKS
BUREAU	3732	SEWER LINE MAINTENANCE
PROGRAM	0002	CONSTRUCTION & MAINTENANCE

		2008	2009	2010	2011	2012		2012		2013	
		Actual				Final Budget		Actual & Estimated		Proposed Budget	
		Number of Permanent Positions				#	Salaries	#	Salaries	#	Salaries
13N	Chief Super Dist/Coll	1.0	1.0	1.0	1.0	1.0	63,466	1.0	63,466	1.0	64,403
12N	GIS Supervisor	1.0	1.0	1.0	1.0	1.0	54,392	1.0	54,392	1.0	55,179
11N	Maintenance Supervisor	3.0	3.0	3.0	3.0	3.0	180,674	3.0	180,674	3.0	185,997
14M	Equipment Operator 4	2.0	2.0	2.0	2.0	2.0	103,922	2.0	91,048	2.0	98,733
13M	Tradesman-Carpenter	2.0	2.0	2.0	2.0	2.0	99,997	2.0	50,298	2.0	96,023
13M	Engineering Aide 3	1.0	1.0	1.0	1.0	1.0	37,019	1.0	-	1.0	37,187
10M	Equipment Operator 3	3.0	3.0	3.0	3.0	3.0	140,466	3.0	140,466	3.0	142,718
09M	Equipment Operator 2	1.0	1.0	1.0	1.0	1.0	45,903	1.0	10,639	1.0	40,963
08M	Maintenance Worker 2	5.0	5.0	5.0	5.0	5.0	187,827	5.0	145,886	5.0	204,056
06M	Clerk 2	1.0	1.0	1.0	1.0	1.0	35,568	1.0	35,568	1.0	38,887
06M	Maintenance Worker 1	1.0	1.0	-	-	-	-	-	-	-	-
	Total Positions	**21.0**	**21.0**	**20.0**	**20.0**	**20.0**	**949,234**	**20.0**	**772,437**	**20.0**	**964,146**

CITY OF ALLENTOWN
PROGRAM BUDGET

003 SEWER
03 PUBLIC WORKS
3732 SEWER LINE MAINTENANCE
0001 CONSTRUCTION & MAINTENANCE

Account Number		*2012 Budget*	*2012 A & E*	*2013 Proposed*
0001-02	PERMANENT WAGES	949,234	772,437	964,146
0001-04	TEMPORARY WAGES	5,120	5,120	9,120
0001-06	PREMIUM PAY	70,000	70,000	70,000
0001-11	SHIFT DIFFERENTIAL	3,040	3,040	3,040
0001-12	FICA	78,596	65,071	78,361
0001-14	PENSION	90,290	90,290	129,189
0001-16	INSURANCE - EMPLOYEE GRP	263,118	263,118	335,000
0001-20	ELECTRIC POWER	12,250	12,250	10,000
0001-26	PRINTING	5,000	5,000	5,000
0001-30	RENTALS	80,000	80,000	95,000
0001-32	PUBLICATIONS & MEMBERSHIP	300	300	300
0001-34	TRAINING & PROF. DEVELOP	5,000	6,300	5,500
0001-42	REPAIRS & MAINTENANCE	11,500	11,500	11,500
0001-46	OTHER CONTRACT SERVICES	122,100	222,100	192,600
0001-54	REPAIR & MAINT SUPPLIES	218,500	218,500	240,000
0001-56	UNIFORMS	4,000	4,000	4,000
0001-62	FUELS, OILS & LUBRICANTS	16,653	16,653	16,650
0001-64	PIPE & FITTINGS	250,069	150,069	250,000
0001-66	CHEMICALS	7,000	7,000	7,000
0001-68	OPERATING MATERIALS & SUPP	2,800	2,800	1,500
0001-72	EQUIPMENT	145,000	145,000	0
0001-84	CAPITAL FUND CONTRIBUTION	300,000	300,000	200,000
0001-90	REFUNDS	6,000	6,000	3,000
0001-92	MINIMUM CHARGE REBATES	3,000	3,000	1,500
0001-99	RESERVE FOR ENCUMBRANCES	0	125,522	0
Total	**CONSTRUCTION & MAINTENANCE**	**2,648,570**	**2,585,070**	**2,632,406**

CITY OF ALLENTOWN
PROGRAM BUDGET

003 SEWER
03 PUBLIC WORKS
3732 SEWER LINE MAINTENANCE
0001 CONSTRUCTION & MAINTENANCE

Account Number		*2008 Actuals*	*2009 Actuals*	*2010 Actuals*	*2011 Actuals*
0001-02	PERMANENT WAGES	869,140	917,009	877,698	848,881
0001-04	TEMPORARY WAGES	2,728	0	2,502	1,600
0001-06	PREMIUM PAY	53,671	56,263	66,227	83,739
0001-11	SHIFT DIFFERENTIAL	1,135	1,626	2,570	2,765
0001-12	FICA	70,242	73,775	71,560	70,610
0001-14	PENSION	72,077	70,257	64,885	91,303
0001-16	INSURANCE - EMPLOYEE GRP	253,176	258,195	266,000	250,750
0001-20	ELECTRIC POWER	1,441	1,010	57	9,926
0001-22	TELEPHONE	2,174	0	0	0
0001-26	PRINTING	4,158	2,635	2,420	1,527
0001-30	RENTALS	81,091	0	6,500	1,995
0001-32	PUBLICATIONS & MEMBERSHIP	30	10	0	0
0001-34	TRAINING & PROF. DEVELOP	5,292	3,068	128	5,421
0001-42	REPAIRS & MAINTENANCE	1,260	1,631	1,166	9,298
0001-46	OTHER CONTRACT SERVICES	29,109	82,567	60,553	71,538
0001-54	REPAIR & MAINT SUPPLIES	342,882	247,206	228,580	235,741
0001-56	UNIFORMS	3,866	2,288	1,737	1,652
0001-58	OFFICE SUPPLIES	0	169	197	0
0001-62	FUELS, OILS & LUBRICANTS	31,650	3,737	3,556	6,299
0001-64	PIPE & FITTINGS	168,738	138,662	190,676	131,687
0001-66	CHEMICALS	1,737	5,861	6,348	4,800
0001-68	OPERATING MATERIALS & SUPP	468	0	301	681
0001-72	EQUIPMENT	36,502	12,175	6,418	160,722
0001-76	CONSTRUCTION CONTRACTS	220,751	0	16,695	0
0001-84	CAPITAL FUND CONTRIBUTION	375,000	375,000	197,000	250,000
0001-90	REFUNDS	4,545	647	535	145
0001-92	MINIMUM CHARGE REBATES	845	546	321	647
0001-99	RESERVE FOR ENCUMBRANCES	254,418	80,572	53,132	35,982
Total	**CONSTRUCTION & MAINTENANCE**	**2,888,126**	**2,334,909**	**2,127,762**	**2,277,709**

PROGRAM DETAIL

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

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 residing in the City of Allentown and surrounding communities at a reasonable price.

Measurable Budget Year Objectives and Long Range Targets:

- To meet tertiary nitrification effluent standards stipulated in the facility's National Pollution Discharge Elimination System (NPDES) permit.
- To assure effluent standard compliance through:
  - Analysis of plant samples to determine plant efficiency and compliance with discharge regulations.
  - Analysis of industrial discharge samples to determine compliance with federal, state and city regulations.
  - Analysis of storm water samples to determine compliance with federal, state, and city regulations.
- To abate wastewater treatment plant odors by:
  - Removal of biosolids in a timely manner.
  - Ensuring proper operation of all odor control systems and unit treatment processes.
- To Comply with the Administrative Order and Information Request, Docket No.: CWA-03-2007-0322DN issued by the USEPA pursuant to Section 308 and 309(a) of the Clean Water Act regarding wet weather discharges of untreated wastewater from Outfall 003 located at the headworks of the WWTP.
- To Comply with the Administrative Order and Information Request, Docket No.: CWA-03-2009-0313DN issued by the USEPA pursuant to Section 308 and 309(a) of the Clean Water Act regarding wet weather discharges of untreated wastewater from various points located prior to the headworks of the WWTP.
- To move forward with the design and construction of an EQ-Basin and Plant Headworks enhancements recently approved the USEPA and recommended by a Feasibility Study which analyzed pre-approved alternatives to eliminate wet weather discharges of untreated wastewater from Outfall 003.
- To continue mechanical renovations of the treatment facilities to extend service the life of existing processes and continue the high level of reliability; which includes renovations of the Supervisory Control and Data Acquisition (SCADA) system and enhancement of the plant security system.
- To complete the Kline's Island Wastewater Treatment Plant Expansion Alternatives Evaluation to determine ways to provide the necessary sewer allocation needed by the sewer signatories.

Impact/Output Measures	2009 Actual	2010 Actual	2011 Actual	2012 Estimated	2013 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	1	1	1	1
OUTPUT – WWT – LAB ANALYSES/YR.					
Total analyses/yr.	45,000	47,550	48,150	48,200	51,700
Plant analyses/yr.	37,000	37,600	37,500	37,500	41,000
Signatory analyses/yr.	1,300	1,250	1,250	1,300	1,300
Industrial analyses/yr.	6,500	7,700	8,400	8,400	8,400
Storm water analyses/yr.	200	1,000	1,000	1,000	1,000
IMPACT					
Stability of sludge					
Pathogen reduction (sludge detention time in digesters)	17 days	19 days	20 days	20 days	19 days
Vector attractive reduction (% volatile solids reduction)	60%	62%	62%	63%	62%
Pollutant levels in sludge (copper)	806 ppm	876 ppm	835 ppm	890 ppm	850 ppm
OUTPUT					
Cost/wet ton recycling/disposal	$18.51	$16.48	$16.39	$17.10	$17.50
Wet ton production	15,850	14,232	13,900	13,800	14,500
Wastewater treated daily (million gallons)	30.70	31.64	36.05	31.03	32.00

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CITY OF ALLENTOWN
PERSONNEL SUMMARY

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

		2008	2009	2010	2011	2012		2012		2013	
		Actual				Final Budget		Actual & Estimated		Proposed Budget	
		Number of Permanent Positions				#	Salaries	#	Salaries	#	Salaries
21N	Director of Public Works	0.2	0.2	0.2	0.2	0.2	18,106	0.2	18,106	0.2	18,399
17N	Mgr of Oper Water Res	1.0	1.0	1.0	1.0	1.0	83,252	1.0	83,252	1.0	84,497
17N	Mgr of Prog Dev - WR	1.0	1.0	1.0	1.0	1.0	82,938	1.0	82,938	1.0	84,306
16N	Chief Utility Engineer	1.0	1.0	1.0	1.0	1.0	79,638	1.0	79,638	1.0	80,813
14N	Senior Systems Analyst	2.0	1.0	1.0	1.0	1.0	67,470	1.0	67,470	1.0	68,479
14N	SCADA Analyst	-	1.0	1.0	1.0	1.0	67,782	1.0	67,782	1.0	68,793
13N	Chief Super Maintenance	1.0	1.0	1.0	1.0	1.0	70,798	1.0	70,798	1.0	71,850
13N	Wastewater Chief TPO	1.0	1.0	1.0	1.0	1.0	69,888	1.0	69,888	1.0	70,935
11N	Maintenance Supervisor	1.0	1.0	1.0	1.0	1.0	64,038	1.0	64,038	1.0	64,978
11N	WWT Shift Supervisor	4.0	4.0	4.0	4.0	4.0	227,574	4.0	227,574	4.0	230,979
11N	Resid Oper Supervisor	1.0	1.0	1.0	1.0	1.0	53,756	1.0	53,756	1.0	47,185
09N	Office Manager	1.0	1.0	-	-	-	-	-	-	-	-
09N	Laboratory Supervisor	1.0	1.0	1.0	1.0	1.0	58,422	1.0	58,422	1.0	59,281
08N	Billing Specialist	1.0	1.0	1.0	1.0	1.0	50,206	1.0	65,238	1.0	49,667
05N	Clerk III Confidential	-	-	1.0	1.0	1.0	44,928	1.0	44,928	1.0	45,589
16M	Treatment Plant Oper 2	8.0	8.0	8.0	8.0	8.0	373,832	8.0	336,994	8.0	385,646
15M	Tax Examiner	2.0	2.0	2.0	2.0	2.0	96,182	2.0	96,182	2.0	105,720
14M	Instrument Technician	1.0	1.0	1.0	1.0	1.0	51,961	1.0	51,961	1.0	52,715
14M	Equipment Operator 4	3.0	3.0	3.0	3.0	3.0	155,713	3.0	154,570	3.0	151,330
13M	Lab Technician	4.0	4.0	4.0	4.0	4.0	181,713	4.0	222,620	4.0	185,388
13M	Treatment Plant Oper 1	8.0	8.0	8.0	8.0	8.0	359,204	8.0	312,671	8.0	361,936
13M	Tradesman	-	3.0	3.0	3.0	3.0	150,480	3.0	150,480	3.0	152,818
11M	Maintenance Mechanic "A"	5.0	1.0	1.0	1.0	1.0	33,614	1.0	-	1.0	33,775
11M	Maint Mechanic Electrician	1.0	-	-	-	-	-	-	-	-	-
11M	Maintenance Mechanic 2	-	1.0	1.0	1.0	1.0	39,721	1.0	39,721	1.0	43,502
09M	Maintenance Mechanic 1	-	1.0	1.0	1.0	1.0	45,086	1.0	-	1.0	40,963
09M	Sewer Billing Clerk	1.3	1.3	1.0	1.0	1.0	45,899	1.0	45,899	1.0	46,566
09M	Equipment Operator 2	2.0	2.0	2.0	2.0	2.0	88,796	2.0	88,796	2.0	90,837
08M	Inventory Control Clerk	1.0	1.0	1.0	1.0	1.0	37,121	1.0	37,121	1.0	40,681
06M	MW1/Custodial	-	1.0	1.0	1.0	1.0	31,473	1.0	4,384	1.0	31,624
06M	Maintenance Worker I	3.0	3.0	3.0	3.0	3.0	116,957	3.0	116,957	3.0	120,319
	Total Positions	**55.5**	**56.5**	**56.2**	**56.2**	**56.2**	**2,846,548**	**56.2**	**2,712,184**	**56.2**	**2,889,571**

CITY OF ALLENTOWN
PROGRAM BUDGET

003 SEWER
03 PUBLIC WORKS
3733 WASTE WATER TREATMENT
0001 OPERATIONS

Account Number		*2012 Budget*	*2012 A & E*	*2013 Proposed*
0001-02	PERMANENT WAGES	2,846,548	2,712,184	2,889,571
0001-04	TEMPORARY WAGES	12,861	14,639	16,000
0001-06	PREMIUM PAY	271,920	320,000	280,078
0001-11	SHIFT DIFFERENTIAL	25,000	21,390	25,000
0001-12	FICA	241,459	234,718	244,778
0001-14	PENSION	253,714	253,714	363,023
0001-16	INSURANCE - EMPLOYEE GRP	745,861	745,861	941,350
0001-20	ELECTRIC POWER	970,525	903,000	970,525
0001-24	POSTAGE & SHIPPING	2,500	2,500	2,500
0001-26	PRINTING	725	0	725
0001-28	MILEAGE REIMBURSEMENT	132	72	132
0001-30	RENTALS	2,820	2,820	2,820
0001-32	PUBLICATIONS & MEMBERSHIP	6,100	5,000	6,255
0001-34	TRAINING & PROF. DEVELOP	13,052	8,100	12,939
0001-42	REPAIRS & MAINTENANCE	207,087	187,000	141,828
0001-46	OTHER CONTRACT SERVICES	681,545	681,545	736,505
0001-50	OTHER SERVICES & CHARGES	9,173	8,000	9,273
0001-54	REPAIR & MAINT SUPPLIES	220,000	250,000	278,000
0001-56	UNIFORMS	7,082	7,082	7,082
0001-62	FUELS, OILS & LUBRICANTS	360,522	340,000	359,104
0001-64	PIPE & FITTINGS	30,000	30,000	30,000
0001-66	CHEMICALS	483,885	460,000	511,799
0001-68	OPERATING MATERIALS & SUPP	50,300	50,300	51,000
0001-72	EQUIPMENT	112,800	112,800	237,600
0001-76	CONSTRUCTION CONTRACTS	15,000	15,000	50,000
0001-84	CAPITAL FUND CONTRIBUTION	63,000	63,000	290,000
0001-99	RESERVE FOR ENCUMBRANCES	0	165,910	0
Total	**OPERATIONS**	**7,633,611**	**7,594,635**	**8,457,887**

CITY OF ALLENTOWN
PROGRAM BUDGET

003 SEWER
03 PUBLIC WORKS
3733 WASTE WATER TREATMENT
0001 OPERATIONS

Account Number		*2008 Actuals*	*2009 Actuals*	*2010 Actuals*	*2011 Actuals*
0001-02	PERMANENT WAGES	2,445,367	2,586,722	2,553,089	2,592,966
0001-04	TEMPORARY WAGES	9,546	11,939	12,861	17,106
0001-06	PREMIUM PAY	281,402	284,884	411,709	363,118
0001-11	SHIFT DIFFERENTIAL	19,456	23,523	24,540	24,625
0001-12	FICA	209,837	221,181	227,394	227,087
0001-14	PENSION	190,488	189,024	182,325	256,562
0001-16	INSURANCE - EMPLOYEE GRP	669,108	670,078	747,460	709,230
0001-20	ELECTRIC POWER	737,692	727,349	887,072	839,102
0001-22	TELEPHONE	3,981	9,350	0	0
0001-24	POSTAGE & SHIPPING	932	1,233	1,459	1,638
0001-26	PRINTING	140	820	725	0
0001-28	MILEAGE REIMBURSEMENT	146	54	132	30
0001-30	RENTALS	3,813	979	2,820	0
0001-32	PUBLICATIONS & MEMBERSHIP	5,185	3,328	6,372	4,814
0001-34	TRAINING & PROF. DEVELOP	4,724	5,095	6,794	3,138
0001-42	REPAIRS & MAINTENANCE	170,173	178,041	110,513	221,385
0001-44	PROF SERVICES FEES	116,977	121,083	41,029	0
0001-46	OTHER CONTRACT SERVICES	857,652	839,505	730,844	435,906
0001-50	OTHER SERVICES & CHARGES	49,050	53,550	3,549	5,725
0001-54	REPAIR & MAINT SUPPLIES	163,403	175,760	141,126	193,495
0001-56	UNIFORMS	10,282	7,747	7,082	4,661
0001-58	OFFICE SUPPLIES	2,916	3,012	2,150	0
0001-62	FUELS, OILS & LUBRICANTS	88,766	56,651	98,115	288,464
0001-64	PIPE & FITTINGS	15,250	24,498	26,278	26,190
0001-66	CHEMICALS	318,701	339,283	313,936	373,956
0001-68	OPERATING MATERIALS & SUPP	26,605	19,859	33,125	33,547
0001-72	EQUIPMENT	172,046	106,095	45,156	190,692
0001-76	CONSTRUCTION CONTRACTS	60,000	26,180	4,786	14,255
0001-84	CAPITAL FUND CONTRIBUTION	300,000	375,000	63,000	400,000
0001-99	RESERVE FOR ENCUMBRANCES	172,938	159,120	237,163	356,193
Total	**OPERATIONS**	**7,106,576**	**7,220,943**	**6,922,604**	**7,583,885**

PROGRAM DETAIL

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

Program Description:

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

Goal(s):

To provide for the environmental safe discharge and treatment of sewage as described in the City's NPDES (National Pollution Discharge Elimination System) permit No. PA0026000. 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 may interfere with treatment operations.
- To prevent the introduction of pollutants into the sewers which may 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.
- To promulgate and regulate revised Local Limits for the protection of the City's Wastewater Treatment Plant.

Impact/Output Measures	2009 Actual	2010 Actual	2011 Actual	2012 Estimated	2013 Budgeted
Site evaluations for compliance with effluent limitations	450	450	450	500	500
Permit reviews or reevaluation of existing permits with relation to promulgated Federal and local Standards	35	36	36	38	38
Site inspections to determine satisfactory operation of facilities and implementation of pollution control measures	32	36	36	38	38
Site evaluations for surcharge assessment	700	700	700	725	725

CITY OF ALLENTOWN
PERSONNEL SUMMARY

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

		2008	2009	2010	2011	2012		2012		2013	
		Actual				Final Budget		Actual & Estimated		Proposed Budget	
		Number of Permanent Positions				#	Salaries	#	Salaries	#	Salaries
21N	Director of Public Works	0.1	0.1	0.1	0.1	0.1	9,053	0.1	9,053	0.1	9,200
15N	Mgr - Industrial Waste	0.7	0.7	0.7	0.7	0.7	47,648	0.7	47,648	0.7	48,356
12M	Pretreatment Inspector	-	-	-	-	0.5	21,761	0.5	12,187	0.5	24,595
11M	Engineering Aide 2	1.6	1.6	1.6	1.6	1.6	77,044	1.6	77,044	1.6	78,146
09M	Sewer Billing Clerk	0.5	0.5	-	-	-	-	-	-	-	-
	Total Positions	**2.9**	**2.9**	**2.4**	**2.4**	**2.9**	**155,506**	**2.9**	**145,932**	**2.9**	**160,297**

CITY OF ALLENTOWN
PROGRAM BUDGET

003 SEWER
03 PUBLIC WORKS
3733 WASTE WATER TREATMENT
0005 PRETREATMENT

Account Number		*2012 Budget*	*2012 A & E*	*2013 Proposed*
0005-02	PERMANENT WAGES	155,506	145,932	160,297
0005-06	PREMIUM PAY	4,000	6,000	5,940
0005-11	SHIFT DIFFERENTIAL	100	100	100
0005-12	FICA	12,210	11,630	12,729
0005-14	PENSION	13,092	13,092	18,733
0005-16	INSURANCE - EMPLOYEE GRP	38,379	38,379	48,575
0005-24	POSTAGE & SHIPPING	50	50	50
0005-34	TRAINING & PROF. DEVELOP	1,000	1,000	1,500
0005-42	REPAIRS & MAINTENANCE	3,500	1,500	3,000
0005-46	OTHER CONTRACT SERVICES	12,000	12,000	14,500
0005-50	OTHER SERVICES & CHARGES	0	0	1,500
0005-54	REPAIR & MAINT SUPPLIES	1,000	500	1,000
0005-68	OPERATING MATERIALS & SUPP	3,000	3,000	3,000
0005-72	EQUIPMENT	33,000	4,000	27,500
0005-99	RESERVE FOR ENCUMBRANCES	0	875	0
Total	**PRETREATMENT**	**276,837**	**238,058**	**298,424**

CITY OF ALLENTOWN
PROGRAM BUDGET

003 SEWER
03 PUBLIC WORKS
3733 WASTE WATER TREATMENT
0005 PRETREATMENT

Account Number		*2008 Actuals*	*2009 Actuals*	*2010 Actuals*	*2011 Actuals*
0005-02	PERMANENT WAGES	139,666	138,777	112,465	127,095
0005-06	PREMIUM PAY	3,227	2,811	2,870	3,110
0005-11	SHIFT DIFFERENTIAL	7	15	16	9
0005-12	FICA	10,873	10,779	8,725	9,865
0005-14	PENSION	9,953	9,702	7,786	10,956
0005-16	INSURANCE - EMPLOYEE GRP	34,962	35,656	31,920	30,520
0005-24	POSTAGE & SHIPPING	0	12	0	0
0005-32	PUBLICATIONS & MEMBERSHIP	3,183	3,250	116	0
0005-34	TRAINING & PROF. DEVELOP	323	98	210	934
0005-42	REPAIRS & MAINTENANCE	815	305	0	1,078
0005-44	PROF SERVICES FEES	0	0	1,100	0
0005-46	OTHER CONTRACT SERVICES	10,599	9,831	10,221	10,463
0005-50	OTHER SERVICES & CHARGES	0	0	0	0
0005-54	REPAIR & MAINT SUPPLIES	0	143	0	0
0005-58	OFFICE SUPPLIES	84	14	0	0
0005-68	OPERATING MATERIALS & SUPP	2,127	2,600	106	1,524
0005-72	EQUIPMENT	0	0	20,699	8,024
0005-99	RESERVE FOR ENCUMBRANCES	799	22,698	16,135	27,702
Total	**PRETREATMENT**	**216,618**	**236,691**	**212,369**	**231,280**

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 City's 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 (DEP) 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	2009 Actual	2010 Actual	2011 Actual	2012 Estimated	2013 Budgeted
Site evaluations (Outfall Inspections)	235	162	270	270	270
Outfall sampling	130	0	0	10	10
Pollution/Spill incident investigations	10	12	23	20	20
Stencil storm sewer appurtenances	100	0	0	50	50

CITY OF ALLENTOWN
PERSONNEL SUMMARY

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

		2008	2009	2010	2011	2012		2012		2013	
		Actual				Final Budget		Actual & Estimated		Proposed Budget	
		Number of Permanent Positions				#	Salaries	#	Salaries	#	Salaries
21N	Director of Public Works	0.1	0.1	0.1	0.1	0.1	9,053	0.1	9,053	0.1	9,200
15N	Mgr - Industrial Waste	0.3	0.3	0.3	0.3	0.3	20,420	0.3	20,420	0.3	20,724
12M	Pretreatment Inspector	-	-	-	-	0.5	21,761	0.5	12,187	0.5	24,595
11M	Engineering Aide 2	0.4	0.4	0.4	0.4	0.4	19,260	0.4	19,260	0.4	19,536
09M	Sewer Billing Clerk	0.2	0.2	-	-	-	-	-		-	-
	Total Positions	**1.0**	**1.0**	**0.8**	**0.8**	**1.3**	**70,494**	**1.3**	**60,920**	**1.3**	**74,055**

CITY OF ALLENTOWN
PROGRAM BUDGET

003 SEWER
03 PUBLIC WORKS
3733 WASTE WATER TREATMENT
0007 STORM WATER & STREAM SURVEILLANCE

Account Number		*2012 Budget*	*2012 A & E*	*2013 Proposed*
0007-02	PERMANENT WAGES	70,494	60,920	74,055
0007-06	PREMIUM PAY	1,000	2,000	1,930
0007-11	SHIFT DIFFERENTIAL	130	130	100
0007-12	FICA	5,479	4,823	5,889
0007-14	PENSION	5,869	5,869	8,397
0007-16	INSURANCE - EMPLOYEE GRP	17,329	17,329	21,775
0007-24	POSTAGE & SHIPPING	50	50	50
0007-34	TRAINING & PROF. DEVELOP	350	350	500
0007-42	REPAIRS & MAINTENANCE	500	500	500
0007-46	OTHER CONTRACT SERVICES	3,000	3,000	3,750
0007-50	OTHER SERVICES & CHARGES	500	500	2,000
0007-54	REPAIR & MAINT SUPPLIES	750	750	500
0007-68	OPERATING MATERIALS & SUPP	3,000	2,500	3,000
0007-72	EQUIPMENT	7,000	6,000	8,000
0007-99	RESERVE FOR ENCUMBRANCES	0	331	0
Total	**STORM WATER & STREAM SURVEILLANCE**	**115,451**	**105,052**	**130,446**

CITY OF ALLENTOWN
PROGRAM BUDGET

003 SEWER
03 PUBLIC WORKS
3733 WASTE WATER TREATMENT
0007 STORM WATER & STREAM SURVEILLANCE

Account Number		*2008 Actuals*	*2009 Actuals*	*2010 Actuals*	*2011 Actuals*
0007-02	PERMANENT WAGES	52,340	51,506	40,972	46,843
0007-06	PREMIUM PAY	807	736	717	778
0007-11	SHIFT DIFFERENTIAL	2	4	4	2
0007-12	FICA	4,048	3,981	3,148	3,596
0007-14	PENSION	3,432	3,345	2,595	3,652
0007-16	INSURANCE - EMPLOYEE GRP	12,056	12,295	10,640	10,460
0007-24	POSTAGE & SHIPPING	0	0	0	0
0007-32	PUBLICATIONS & MEMBERSHIP	400	400	0	0
0007-34	TRAINING & PROF. DEVELOP	512	525	0	409
0007-42	REPAIRS & MAINTENANCE	0	0	0	0
0007-46	OTHER CONTRACT SERVICES	1,118	119	3,013	2,425
0007-50	OTHER SERVICES & CHARGES	0	0	0	0
0007-54	REPAIR & MAINT SUPPLIES	0	0	0	0
0007-68	OPERATING MATERIALS & SUPP	0	509	0	2,418
0007-72	EQUIPMENT	0	0	0	3,500
0007-99	RESERVE FOR ENCUMBRANCES	345	0	0	0
Total	**STORM WATER & STREAM SURVEILLANC**	**75,060**	**73,420**	**61,089**	**74,083**

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