Water Fund

Mission

Water Administration

To provide engineering design and construction inspection services for all water-related projects, as well as maintenance of all permanent water installation records after construction.

Water Filtration

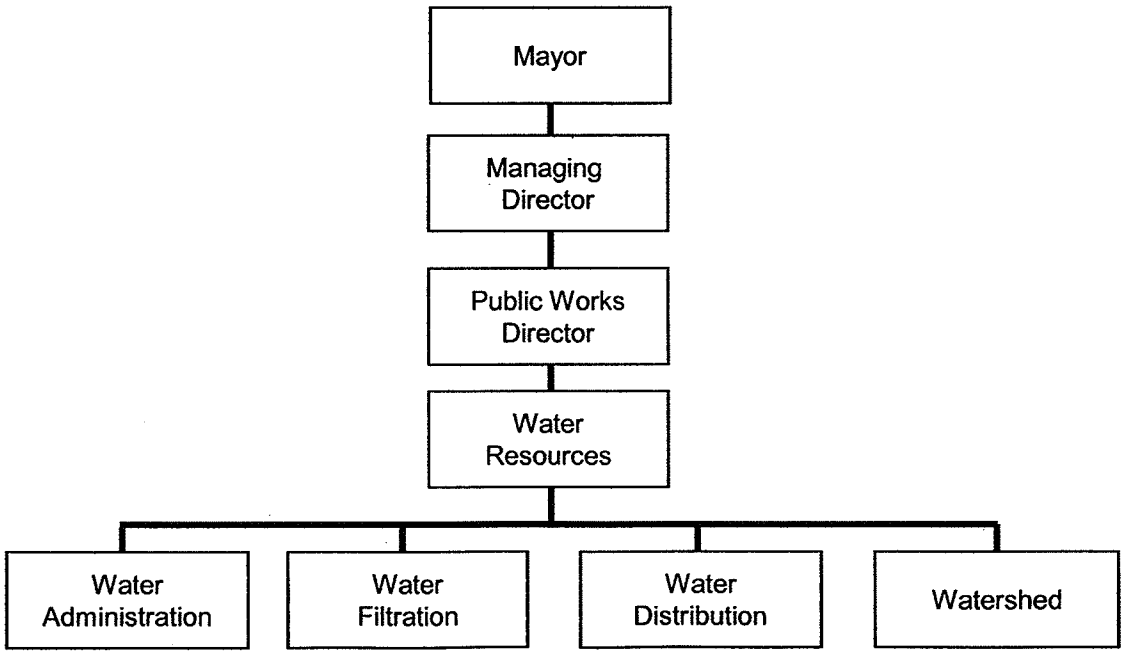
To provide, in accordance with regulatory requirements, and utilizing recognized operational, maintenance, and laboratory procedures, a safe and plentiful supply of drinking water. Similarly, to effectively maintain and support all related programs mandated under the Public Drinking Water Law and Amendments.

Water Distribution

To provide, through a combination of inspection, upgrading, replacement, and repair, for the maintenance of the piping system through which water is conveyed to our customers.

Water Shed

To provide an open space system of diverse plants and animals that protect a major City water supply and to provide passive recreation opportunities.



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CITY OF ALLENTOWN
FUND SUMMARY - WATER FUND (002)

	2005 Actual	2006 Actual	2007 Actual	2008 Actual	2009 Final Budget	2009 Actual & Estimated	2010 Proposed Budget
Opening Balance - Cash Basis 12/31/08						**1,418,831**	**844,196**
Revenues:							
3230 Metered Water Sales	12,189,940	12,035,452	11,898,271	11,586,359	12,000,000	11,550,000	12,705,000
3232 Penalties & Interest	214,086	198,929	182,871	233,101	200,000	200,000	200,000
3334 Other Water Sales	2,035,062	1,730,373	1,752,103	1,647,273	1,650,000	1,600,000	1,600,000
3338 Fire Hydrant Standby Charges	69,960	82,340	63,436	63,890	75,000	65,000	75,000
3339 Tapping Fees	-	-	102,334	34,898	75,000	50,000	50,000
3341 Grant	26,575	4,328	2,126	-	10,000	10,000	8,000
3343 State Aid for Pension	37,455	42,935	40,922	64,183	40,000	40,000	48,692
3340 Interest Income	64,862	126,849	105,831	44,805	50,000	45,000	40,000
3342 Miscellaneous	41,642	93,574	43,426	39,183	50,000	95,000	50,000
Total Revenue	**14,679,582**	**14,314,780**	**14,191,320**	**13,713,692**	**14,150,000**	**13,655,000**	**14,776,692**
Total Funds Available						**15,073,831**	**15,620,888**
Expenditures:							
02 Permanent Wages	3,146,482	3,044,688	3,437,905	3,614,564	4,035,463	3,672,707	3,897,301
Vacancy Factor					*(150,000)*	*(65,000)*	*(100,000)*
04 Temporary Wages	33,361	24,437	36,180	32,016	62,640	55,640	80,967
06 Premium Pay	189,384	168,304	197,623	228,377	266,566	252,200	268,000
11 Shift Differential	7,332	7,170	9,537	9,501	10,675	12,975	13,675
12 FICA	250,631	245,064	279,766	294,674	334,714	305,504	325,886
14 Pension	227,127	76,290	169,318	215,122	184,848	184,848	178,686
16 Insurance - Employee Group	904,191	1,048,872	1,111,781	1,153,408	1,215,400	1,086,878	1,122,520
Total Personnel	**4,758,508**	**4,614,825**	**5,242,110**	**5,547,662**	**5,960,306**	**5,505,752**	**5,787,035**
20 Electric Power	523,675	550,819	559,135	555,712	543,870	543,870	698,472
22 Telephone	6,256	5,948	9,099	7,118	11,800	6,812	1,500
24 Postage & Shipping	5,415	447	90	357	7,750	558	500
26 Printing	3,500	2,632	2,638	14,884	24,000	22,266	23,750
30 Rentals	8,240	16,250	6,095	17,280	41,200	39,358	39,800
32 Publications & Memberships	7,139	7,841	9,265	7,438	10,000	9,264	10,000
34 Training & Professional Development	10,520	10,152	21,491	12,917	22,000	14,021	17,300
42 Repairs & Maintenance	54,787	66,475	175,978	191,472	143,700	134,005	140,200
44 Professional Service Fees	143,000	35,112	17,953	21,195	78,000	48,970	63,000
46 Other Contract Services	194,018	192,435	182,800	211,860	281,496	248,574	236,496
50 Other Services & Charges	3,500	3,970	2,448	3,961	5,700	4,700	5,700
Total Services & Charges	**960,050**	**892,081**	**986,992**	**1,044,194**	**1,169,516**	**1,072,398**	**1,236,718**
54 Repair & Maintenance Supplies	218,644	239,933	205,987	223,939	313,600	243,012	281,900
56 Uniforms	10,857	10,879	11,690	13,816	17,200	12,578	15,700
58 Office Supplies	12,052	7,445	12,959	11,822	16,100	13,380	11,600
62 Fuels, Oils & Lubricants	89,927	112,289	156,662	149,120	234,000	204,802	222,650
64 Pipe & Fittings	215,185	254,450	331,366	303,480	359,000	347,224	343,800
66 Chemicals	143,828	133,289	124,776	188,927	287,000	245,478	307,100
68 Operating Materials & Supplies	40,817	38,879	41,778	61,470	71,350	63,153	65,000
Total Materials & Supplies	**731,310**	**797,164**	**885,218**	**952,574**	**1,298,250**	**1,129,627**	**1,247,750**
72 Equipment	115,697	306,504	248,398	120,023	365,000	276,890	239,500
Total Capital Outlays	**115,697**	**306,504**	**248,398**	**120,023**	**365,000**	**276,890**	**239,500**
76 Construction Contracts	211,790	86,332	10,000	208,393	460,000	344,975	270,000
82 Interest Expense	1,407,348	1,242,805	1,032,843	846,542	756,879	756,879	790,030
84 Capital Fund Contribution	75,000	-	800,000	675,000	400,000	400,000	172,000
86 General City Charges	1,545,679	1,700,247	1,785,259	1,744,210	1,831,421	1,831,421	1,927,732
88 Interfund Transfers	450,000	450,000	450,000	483,332	485,000	485,000	485,000
90 Refunds	5,200	7,585	12,585	7,406	8,500	8,500	8,500
92 Minimum Charge Rebates	4,507	3,239	2,441	2,352	4,500	4,500	3,000
98 Debt Principal	4,427,062	4,320,000	2,862,600	2,670,200	2,370,200	2,370,200	2,476,600
99 Reserve for Encumbrances	218,400	138,346	145,459	413,255	-	43,493	-
Total Sundry	**8,344,986**	**7,948,554**	**7,101,187**	**7,050,690**	**6,316,500**	**6,244,968**	**6,132,862**
Total Expenditures	**14,910,551**	**14,559,128**	**14,463,905**	**14,715,143**	**15,109,572**	**14,229,635**	**14,643,865**
Closing Balance						**844,196**	**977,023**

WATER REVENUE BONDS
AMORTIZATION SCHEDULE

	SERIES OF 1993		REFUNDING SERIES OF 1993		SERIES OF 2001	
YEAR	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST
2010	400,000.00	22,600.00	170,000.00	9,605.00	940,000.00	337,915.00
2011	-	-	-	-	975,000.00	300,315.00
2012	-	-	-	-	1,025,000.00	251,565.00
2013	-	-	-	-	1,085,000.00	195,190.00
2014	-	-	-	-	1,145,000.00	135,515.00
2015	-	-	-	-	1,190,000.00	83,990.00
2016	-	-	-	-	85,000.00	29,250.00
2017	-	-	-	-	90,000.00	25,000.00
2018	-	-	-	-	95,000.00	20,500.00
2019	-	-	-	-	100,000.00	15,750.00
2020	-	-	-	-	105,000.00	10,750.00
2021	-	-	-	-	110,000.00	5,500.00
2022	-	-	-	-	-	-
2023	-	-	-	-	-	-
2024	-	-	-	-	-	-
TOTAL	**400,000.00**	**22,600.00**	**170,000.00**	**9,605.00**	**6,945,000.00**	**1,411,240.00**

	SERIES OF 2004		SERIES OF 2006 NOTE		SERIES OF 2008	
YEAR	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST
2010	130,000.00	74,673.76	366,600.00	77,569.80	390,000.00	104,148.76
2011	135,000.00	71,423.76	380,400.00	63,259.67	820,000.00	92,448.76
2012	135,000.00	67,711.26	399,000.00	48,543.50	845,000.00	67,848.76
2013	140,000.00	63,661.26	411,600.00	32,836.01	665,000.00	42,498.76
2014	145,000.00	59,181.26	429,600.00	16,769.31	190,000.00	21,883.76
2015	155,000.00	54,287.50	-	-	195,000.00	15,946.26
2016	155,000.00	48,707.50	-	-	205,000.00	9,365.00
2017	165,000.00	42,972.50	-	-	30,000.00	2,190.00
2018	165,000.00	36,702.50	-	-	30,000.00	1,110.00
2019	170,000.00	30,102.50	-	-		
2020	180,000.00	23,132.50	-	-		
2021	85,000.00	15,752.50	-	-		
2022	90,000.00	12,182.50	-	-		
2023	95,000.00	8,312.50	-	-		
2024	95,000.00	4,180.00	-	-		
TOTAL	**2,040,000.00**	**612,983.80**	**1,987,200.00**	**238,978.29**	**3,370,000.00**	**357,440.06**

WATER REVENUE BONDS
AMORTIZATION SCHEDULE

	SERIES OF 2003	
YEAR	**PRINCIPAL**	**INTEREST**
2010	80,000.00	35,517.50
2011	80,000.00	32,957.50
2012	85,000.00	30,277.50
2013	85,000.00	27,260.00
2014	90,000.00	24,200.00
2015	90,000.00	20,825.00
2016	95,000.00	17,225.00
2017	100,000.00	13,425.00
2018	105,000.00	9,275.00
2019	110,000.00	4,812.50
2020	-	-
2021	-	-
2022	-	-
2023	-	-
2024	-	-
TOTAL	**920,000.00**	**215,775.00**

	TOTAL DEBT SERVICE		
YEAR	**PRINCIPAL**	**INTEREST**	**TOTAL**
2010	2,476,600.00	662,029.82	3,138,629.82
2011	2,390,400.00	560,404.69	2,950,804.69
2012	2,489,000.00	465,946.02	2,954,946.02
2013	2,386,600.00	361,446.03	2,748,046.03
2014	1,999,600.00	257,549.33	2,257,149.33
2015	1,630,000.00	175,048.76	1,805,048.76
2016	540,000.00	104,547.50	644,547.50
2017	385,000.00	83,587.50	468,587.50
2018	395,000.00	67,587.50	462,587.50
2019	380,000.00	50,665.00	430,665.00
2020	285,000.00	33,882.50	318,882.50
2021	195,000.00	21,252.50	216,252.50
2022	90,000.00	12,182.50	102,182.50
2023	95,000.00	8,312.50	103,312.50
2024	95,000.00	4,180.00	99,180.00
	-	-	-
TOTAL	**15,832,200.00**	**2,868,622.15**	**18,700,822.15**

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CITY OF ALLENTOWN
PROGRAM BUDGET
RESOURCE REQUIREMENTS

FUND	002	WATER
DEPT	03	PUBLIC WORKS
BUREAU	2721	WATER ADMINISTRATION
PROGRAM	0001	UTLITY ADMINISTRATION

		2005 Actual	2006 Actual	2007 Actual	2008 Actual	2009 Final Budget		2009 Actual & Estimated		2010 Proposed Budget	
Personnel Detail		Number of Permanent Positions				#	Salaries	#	Salaries	#	Salaries
		-	-	-	-	-		-		-	
	Total Positions	-	-	-	-	-		-		-	
Account Detail											
0001-44	Prof Services Fees	23,000	15,532	15,468	12,895	23,000		15,000		18,000	
	Services & Charges	23,000	15,532	15,468	12,895	23,000		15,000		18,000	
0001-82	Interest Expense	1,407,348	1,242,805	1,032,843	846,542	756,879		756,879		790,030	
0001-84	Capital Fund Contribution	75,000	-	800,000		-		-		-	
0001-86	General City Charges	1,545,679	1,700,247	1,785,259	1,744,210	1,831,421		1,831,421		1,927,732	
0001-88	Interfund Transfers	450,000	450,000	450,000	483,332	485,000		485,000		485,000	
0001-98	Debt Principal	4,427,062	4,320,000	2,862,600	2,670,200	2,370,200		2,370,200		2,476,600	
	Sundry	7,905,089	7,713,052	6,930,702	5,744,284	5,443,500		5,443,500		5,679,362	
Total	**Utility Administration**	**7,928,089**	**7,728,584**	**6,946,170**	**5,757,179**	**5,466,500**		**5,458,500**		**5,697,362**	

PROGRAM DETAIL

Bureau:	No:	Department:	Program:	No:
Water Administration	03-2721	Public Works	Engineering	0002

Program Description:

This program provides for the design of water main extensions and the preparation of plans and specifications for contract work on the system. Other program activities include the performance of hydraulic studies and analysis liaison services with consultants and other municipalities, and the preparation of cost estimates.

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

Goal(s):

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

Measurable Budget Year Objectives and Long Range Targets:

- To implement construction of new lines as called for in the 1978 study by providing in-house engineering services.
- To provide support service for upgrading the water treatment plant.
- To improve water availability to deficient areas in the distribution system.
- To reduce leakage/breakage in the system by replacement of older lines.
- To monitor & update all water records.
- To improve employee efficiency through appropriate training.
- To reorganize and microfilm water files.
- To computerize the permit process.

Impact/Output Measures	2006 Actual	2007 Actual	2008 Actual	2009 Estimated	2010 Budgeted
Water main design	12	12	15	10	10
Miscellaneous design	4	3	4	3	3
Subdivision Review (Major Only)	39	38	18	15	15
Flow tests/Hydraulic analyses	12	14	12	10	10
Review reports	1	1	1	1	3
Cost estimates	0	3	3	1	3
Assessment Ordinances	0	0	0	0	0
Water connection permits	47	57	20	20	20
Inquiries regarding permits, regulations, etc. for water system	600	600	500	500	500

CITY OF ALLENTOWN
PROGRAM BUDGET
RESOURCE REQUIREMENTS

FUND	002	WATER
DEPT	03	PUBLIC WORKS
BUREAU	2721	WATER ADMINISTRATION
PROGRAM	0002	ENGINEERING

			2005 Actual	2006 Actual	2007 Actual	2008 Actual	2009 Final Budget		2009 Actual & Estimated		2010 Proposed Budget	
Personnel Detail			Number of Permanent Positions				#	Salaries	#	Salaries	#	Salaries
	21N	Director of Public Works	-	-	-	0.2	0.2	17,280	0.2	17,093	0.2	17,623
	18N	Deputy Director of Public Works	-	-	-	0.3	0.3	24,452	0.3	24,091	0.3	24,812
	18N	Manager of Engineering/City Eng	-	-	0.2	-	-	-	-	-	-	-
	16N	Asst City Engineer/Sr. Civil Engr	-	-	0.1	0.3	0.3	22,529	0.3	22,197	0.3	22,862
	14N	Senior GIS Coord	1.0	1.0	1.0	-	-	-	-	-	-	-
	10N	Engineering Technician 3	1.0	1.0	1.0	1.0	1.0	51,164	1.0	50,433	1.0	51,896
	09N	Administrative Supervisor	1.0	1.0	1.0	1.0	1.0	45,504	1.0	44,849	1.0	46,274
	09N	Survey Tech 3	-	-	-	1.0	1.0	48,284	1.0	47,501	1.0	49,115
	07N	Executive Secretary	1.0	1.0	1.0	1.0	1.0	40,883	1.0	40,277	1.0	41,600
	06N	Engineering Designer	1.0	1.0	1.0	-	-	-	-	-	-	-
	15M	Construction Technican	1.0	1.0	1.0	1.0	1.0	48,714	1.0	30,970	-	-
		Total Positions	6.0	6.0	6.3	5.8	5.8		5.8		4.8	
Account Detail												
0002-02		Permanent Wages	253,141	254,359	292,892	266,354		298,810		277,411		254,182
0002-06		Premium Pay	1,429	723	921	65		2,500		1,000		1,500
0002-11		Shift Differntial	100	22	45	-		200		50		100
0002-12		FICA	17,318	18,692	22,020	20,209		23,066		21,302		19,567
0002-14		Pension	19,442	5,241	11,561	13,359		11,357		11,357		10,162
0002-16		Insurance - Employee Group	62,358	72,336	75,802	98,010		74,675		71,311		63,840
		Personnel	353,788	351,373	403,241	397,997		410,608		382,431		349,352
0002-22		Telephone	-	-	1,015	-		-		-		-
0002-24		Postage & Shipping	5,020	66	24	-		7,000		-		-
0002-26		Printing	500	481	370	444		500		500		500
0002-32		Publications & Memberships	5,969	5,962	6,271	5,941		6,500		6,303		6,500
0002-34		Training & Prof. Develop	4,767	5,267	6,608	1,943		5,000		600		1,000
0002-42		Repairs & Maintenance	8,100	3,829	4,675	4,479		3,200		3,200		3,200
0002-44		Prof Services Fees	120,000	19,580	-	2,300		35,000		33,970		30,000
0002-46		Other Contract Services	7,000	6,332	3,211	6,392		7,500		6,950		6,500
0002-50		Other Services & Charges	2,500	1,408	1,268	2,457		2,500		1,500		2,500
		Services & Charges	153,856	42,925	23,442	23,956		67,200		53,023		50,200
0002-56		Uniforms	1,110	692	644	860		1,200		1,133		1,200
0002-58		Office Supplies	9,615	5,405	9,919	8,607		12,000		9,550		7,500
0002-62		Fuels, Oils, & Lbricants	-	-	16,073	-		-		-		-
0002-68		Operating Materials & Supp	2,014	21	1,286	540		7,000		4,000		4,000
		Materials & Supplies	12,739	6,118	27,922	10,007		20,200		14,683		12,700
0002-72		Equipment	9,665	-	-	-		40,000		4,360		-
		Capital Outlay	9,665	-	-	-		40,000		4,360		-
0002-90		Refunds	1,500	310	6,801	410		1,500		1,500		1,500
0002-99		Reserve for Encumbrances	7,955	13,864	19,355	18,584		-		-		-
		Sundry	9,455	14,174	26,156	18,994		1,500		1,500		1,500
Total		**Engineering**	**539,503**	**414,590**	**480,761**	**450,954**		**539,508**		**455,997**		**413,752**

PROGRAM DETAIL

Bureau:	No:	Department:	Program:	No:
Water Filtration	03-2723	Public Works	Operations	0001

Program Description:

This program includes operation, maintenance and laboratory activities for the proper treatment, testing and pumping that are required in order to provide the highest quality potable water supply possible. Maintenance includes preventative activities and repair/replacement of all defective water plant equipment, reservoir storage facilities, raw water intakes and booster pump stations to ensure uninterrupted service to the customers. These facilities are operated 24/7, under all kinds of adverse weather conditions. Laboratory testing includes plant process analyses, distribution system monitoring, and watershed water quality testing to ensure that high quality potable water is produced, and that it meets all state and federal requirements prior to being served to all customers. This program responds to customer inquiries and complaints about water quality.

Goal(s):

This program will provide high-quality water in sufficient quantity to meet all public demands. All water will be treated and pumped at the most economical cost possible. The program strives to exceed all state and federal requirements that have been placed on our water system. A capital investment program will continue to maintain existing facilities, and will also address new upgrades in treatment and storage facilities that are required.

Measurable Budget Year Objectives and Long Range Targets:

- To meet all existing regulations, including all new and stricter requirements of the Safe Drinking Water Act (SDWA). The city will strive to meet all regulatory limits of all potable water contaminants. All exceptions, if any, will be presented to all customers in the annual Consumer Confidence Report (CCR).
- To continue implementation of the Computerization and Automation Master Plan.
- To continue to evaluate and replace outdated equipment in the water plant, potable water storage tanks and reservoirs, and the distribution system.
- To update testing procedures to comply with accepted methodologies.
- To maintain the bacteriological laboratory and chemistry lab certifications with PaDEP.
- To develop the computerization of routine lab and management functions and increase productivity.
- To continue developing a watershed protection program aimed at reducing pollutants in the raw water sources, and to detect where problems might be occurring.
- To stay actively involved with local watershed groups.
- To continue upgrading the operational controls, electrical equipment, lightning suppression, etc., at the pressure booster pump stations, storage reservoirs, and raw water intakes.
- To address all security concerns within the water filtration plant, distribution system, and watershed in order to reduce the threat of terrorism. This includes the Water Resources security system that will network the water plant, wastewater plant, distribution offices, booster stations, storage reservoirs, and raw water intakes.

Impact/Output Measures	2006 Actual	2007 Actual	2008 Actual	2009 Estimated	2010 Budgeted
Number of gallons of water processed (to system)	5.50 BG	5.38BG	5.40BG	5.40BG	5.40BG
Number of gallons of water filtered	1.57 BG	1.55BG	1.55BG	1.55 BG	1.55BG
Number of major breakdowns due to equipment failure	0	0	0	0	0
Number of tests conducted (water)	26,500	27,000	27,000	27,500	26,000
Number of complaints answered	4	8	8	8	8
Number of SDWA violations	0	0	0	0	0

CITY OF ALLENTOWN
PROGRAM BUDGET
RESOURCE REQUIREMENTS

FUND	002	WATER
DEPT	03	PUBLIC WORKS
BUREAU	2723	WATER FILTRATION
PROGRAM	0001	OPERATIONS

Personnel Detail		2005 Actual	2006 Actual	2007 Actual	2008 Actual	2009 Final Budget		2009 Actual & Estimated		2010 Proposed Budget	
		Number of Permanent Positions				#	Salaries	#	Salaries	#	Salaries
21N	Director of Public Works	-	-	0.1	0.1	0.1	8,640	0.1	8,547	0.1	8,811
14N	Laboratories Manager	1.0	1.0	1.0	1.0	1.0	62,345	1.0	61,456	1.0	63,362
13N	Water Filtration Chief TPO	1.0	1.0	1.0	1.0	1.0	67,136	1.0	66,158	1.0	68,094
11N	Maintenance Supervisor	1.0	1.0	1.0	1.0	1.0	61,339	1.0	60,462	1.0	62,224
10N	APP Support Pgr/Coord	1.0	1.0	1.0	1.0	1.0	56,762	1.0	55,947	1.0	57,590
16M	Treatment Plant Operator 5	1.0	-	1.0	-	-	-	-	-	-	-
16M	Treatment Plant Operator 3	3.0	-	-	-	-	-	-	-	-	-
14M	Treatment Plant Operator 2	-	1.0	4.0	4.0	4.0	178,867	4.0	175,675	4.0	191,844
14M	Environmental Technician	1.0	1.0	1.0	1.0	1.0	46,761	1.0	46,398	1.0	49,415
14M	Instrument Technician	1.0	1.0	1.0	1.0	1.0	46,798	1.0	46,437	1.0	49,425
14M	Treatment Plant Operator 1	2.0	3.0	3.0	3.0	3.0	112,371	3.0	119,445	3.0	130,156
13M	Lab Technician	2.0	2.0	2.0	2.0	2.0	90,900	2.0	90,217	2.0	96,048
13M	Tradesman-Electrician	1.0	1.0	1.0	1.0	1.0	46,105	1.0	46,011	1.0	48,800
13M	Treatment Plant Operator 2	-	3.0	-	-	-	-	-	-	-	-
13M	Tradesman	-	-	-	-	3.0	124,442	3.0	128,814	3.0	141,900
11M	Maintenance Mechanic 'A'	-	-	-	-	1.0	33,104	-	-	1.0	41,273
09M	Maintenance Mechanic 2	5.0	5.0	5.0	5.0	1.0	42,014	1.0	41,491	1.0	44,110
08M	Clerk 3	1.0	1.0	1.0	1.0	1.0	41,031	1.0	40,756	1.0	43,256
06M	MW1\Custodial	-	-	-	-	1.0	30,630	1.0	25,158	1.0	37,489
	Total Positions	21.0	22.0	23.1	22.1	23.1		22.1		23.1	

Account Detail								
0001-02	Permanent Wages	797,546	786,956	865,638	902,073	1,049,245	1,012,972	1,133,797
0001-04	Temporary Wages	3,840	1,978	6,852	5,220	8,000	7,000	8,000
0001-06	Premium Pay	97,215	83,264	86,602	112,537	125,000	120,000	130,000
0001-11	Shift Differntial	4,500	4,933	5,773	6,413	6,000	9,000	9,000
0001-12	FICA	66,829	66,170	73,396	77,800	90,901	87,896	97,981
0001-14	Pension	77,835	20,831	40,556	50,902	45,233	45,233	48,906
0001-16	Insurance - Employee Group	228,646	265,232	265,907	266,438	297,413	271,720	307,230
	Personnel	1,276,411	1,229,364	1,344,724	1,421,383	1,621,791	1,553,821	1,734,914
0001-20	Electric Power	492,175	515,523	523,250	521,237	500,000	500,000	652,500
0001-22	Telephone	3,000	3,000	3,921	2,920	5,000	4,812	1,500
0001-24	Postage and Shipping	395	381	66	357	750	558	500
0001-26	Printing	-	-	-	-	500	250	250
0001-30	Rentals	2,500	3,684	4,920	4,138	6,000	5,058	5,500
0001-32	Publications & Memberships	454	1,302	1,498	1,159	2,000	1,461	2,000
0001-34	Training & Prof. Develop	1,920	1,511	8,289	5,952	9,000	5,621	8,500
0001-42	Repairs & Maintenance	35,468	50,490	161,756	174,796	128,200	119,005	123,200
0001-44	Prof. Services Fees	-	-	2,485	6,000	20,000	-	15,000
0001-46	Other Contract Services	180,000	169,110	165,307	174,996	215,496	198,124	186,496
0001-50	Other Services & Charges	-	2,250	205	1,192	2,200	2,200	2,200
	Services & Charges	715,912	747,251	871,697	892,747	889,146	837,089	997,646
0001-54	Repair & Maint Supplies	51,527	50,534	47,569	57,800	80,000	72,512	75,000
0001-56	Uniforms	2,000	2,429	3,215	3,092	6,500	1,945	5,000
0001-58	Office Supplies	798	561	1,609	1,685	2,000	1,730	2,000
0001-62	Fuels, Oils, & Lubricants	64,412	100,510	115,825	115,313	191,000	163,802	181,350
0001-64	Pipe & Fittings	14,305	14,454	12,686	11,593	31,000	19,424	16,000
0001-66	Chemicals	140,000	130,365	121,694	181,916	261,000	229,478	283,100
0001-68	Operating Materials & Supp	24,000	27,583	23,312	26,025	35,000	32,153	34,000
	Materials & Supplies	297,042	326,436	325,910	397,424	606,500	521,044	596,450
0001-72	Equipment	40,000	64,625	54,506	32,922	101,650	100,530	109,000
0001-76	Construction Contracts	-	-	-	-	75,000	75,000	-
	Capital Outlay	40,000	64,625	54,506	32,922	176,650	175,530	109,000
0001-84	Capital Fund Contribution	-	-	-	250,000	200,000	200,000	-
0001-99	Reserve for Encumbrances	19,071	22,416	116,532	129,264	-	43,493	-
	Sundry	19,071	22,416	116,532	379,264	200,000	243,493	-
Total	**Operations**	**2,348,436**	**2,390,092**	**2,713,369**	**3,123,740**	**3,494,087**	**3,330,977**	**3,438,010**

PROGRAM DETAIL

Bureau:	No:	Department:	Program:	No:
Water Distribution	03-2727	Public Works	Construction & Maintenance	0001

Program Description:

To effectively maintain, repair and replace as required all Water Distribution system services, mains, meters, valves and fire hydrants. Maintain emergency standby 24 hours a day; 7 days a week for the purpose of responding to water distribution system problems. To provide daily inspection and maintenance of the water distribution system via hydrant and valve maintenance, meter exchange and troubleshooting programs. Provide continuing evaluation of the water distribution system through daily leak detection program as well as monitoring pressure throughout the system via Telog units. To increase accuracy and efficiency of meter reading through the installation, maintenance and repair of an automatic meter reading system (radio frequency). The bureau will provide support to the Streets Bureau for snow plowing, salting and removal on City streets, Hamilton Mall, bridges and City properties.

Goal(s):

To provide safe, potable water in adequate quantities through an annual program of inspection and replacement of services. To provide for an effective, well-maintained fire system to ensure that our system valves are in good operating condition and to keep accurate as-built information. To provide effective leak detection program by surveying the distribution system bi-annually. To ensure that all customers are paying their fair share of water service costs through maintenance and repair of water meters and/or accurate water usage accounting. To continue automatic meter reading via radio transmissions. We will begin a new phase of computerization through GIS and a maintenance management system (GBA Master Series), which ensures us of a more accurate evaluation of our distribution system.

Measurable Budget Year Objectives and Long Range Targets:

- To replace deteriorated and/or install new water mains.
- To maintain and improve the distribution system by:
  - Replace lead services
  - Repair service laterals/mains
  - Repair/replace curb stops/curb boxes and corporation stops.
- To repair/replace and maintain all fire hydrants.
- To repair/replace and maintain all valves.
- To repair/replace and maintain all water meters.
- To read/record accurately and bill water/sewer accounts every 90 days.
- To expand the in-house leak detection program by implementing a City-wide leak survey.
- To respond to all citizens requests in a timely manner, during the day and on emergency stand-by.
- To continue our program of installing radio read modules on all monthly accounts and to begin implementing the system into our quarterly accounts.
- To complete the computerization of records for accurate tracking purposes.
- To provide assistance during snow plowing / removal operations

Impact/Output Measures	2006 Actual	2007 Actual	2008 Actual	2009 Estimated	2010 Budgeted
New/re-laid mains (ft)	4,000	4,280	4,000	3,500	4,000
New/replacement services	225	127	200	200	200
Complaints checked	2,000	2,310	2,000	2,500	2,500
Test & flow hydrants	1,800	1,800	1,800	1,800	1,800
Repair/replace hydrants	100	97	75	100	100
Clean casing/operate valves	1,850	1,140	1,500	1,800	1,800
Repair/replace broken valves	60	41	50	75	75
Service leaks	133	100	150		100
Miles of piping surveyed	250	325	200	325	350
Main breaks	15	29	25	25	30
Install, repair and exchange all meters	1,600	1,225	1,200	1,000	1,200
Leak Survey water saved (Millions of gallons)	50	27	30	25	25
PA One call requests	2,500	2,718	2,500	2,500	2,500
Snow Hours	622		1,500	1,500	1,500

CITY OF ALLENTOWN
PROGRAM BUDGET
RESOURCE REQUIREMENTS

FUND 002 WATER
DEPT 03 PUBLIC WORKS
BUREAU 2727 WATER DISTIBUTION
PROGRAM 0001 CONSTRUCTION & MAINTENANCE

	2005 Actual	2006 Actual	2007 Actual	2008 Actual	2009 Final Budget		2009 Actual & Estimated		2010 Proposed Budget	
Personnel Detail	Number of Permanent Positions				#	Salaries	#	Salaries	#	Salaries
17N Manager Distribution Coll	1.0	1.0	1.0	1.0	1.0	80,004	1.0	78,849	1.0	64,334
11N Maintenance Supervisor	1.0	1.0	1.0	1.0	1.0	58,212	1.0	57,377	1.0	59,072
09N Office Manager	1.0	1.0	1.0	1.0	1.0	57,023	1.0	56,205	1.0	52,074
15M Equipment Operator 5	1.0	1.0	1.0	1.0	1.0	48,715	1.0	48,376	1.0	51,358
14M Construction Technican	1.0	1.0	1.0	1.0	1.0	47,499	1.0	47,175	1.0	50,086
14M Equipment Operator 4	1.0	1.0	1.0	1.0	1.0	47,499	1.0	47,175	1.0	50,086
13M Tradesman-Plumber	1.0	1.0	1.0	1.0	1.0	45,128	1.0	44,776	1.0	47,736
13M Tradesman	-	-	4.0	4.0	4.0	174,188	3.0	131,654	3.0	141,232
12M Tradesman	3.0	3.0	-	-	-	-	-	-	-	-
11M Water Meter Repairman	1.0	1.0	1.0	1.0	1.0	41,979	1.0	43,027	1.0	46,424
10M Tradesman	2.0	2.0	1.0	1.0	1.0	42,784	1.0	27,071	-	-
10M Water Meter Installer	3.0	3.0	3.0	3.0	3.0	126,696	2.0	83,362	2.0	88,816
09M Maintenance Mechanic 2	1.0	1.0	1.0	1.0	1.0	41,979	1.0	26,568	-	-
09M Equipment Operator 2	1.0	1.0	1.0	1.0	1.0	39,729	1.0	40,410	1.0	43,030
08M Clerk 3	1.0	1.0	1.0	1.0	1.0	38,846	1.0	39,470	1.0	42,056
08M Inventory Control Clerk	1.0	1.0	1.0	1.0	1.0	38,846	1.0	39,300	1.0	42,056
08M Maintenance Worker 2	10.0	10.0	10.0	10.0	10.0	348,777	8.0	255,713	8.0	312,381
08M Line Loc/Water Met Rd	1.0	1.0	1.0	1.0	1.0	41,032	1.0	40,756	1.0	43,256
06M Clerk 2	1.0	1.0	1.0	2.0	2.0	69,301	2.0	71,510	2.0	81,339
06M Maintenance Worker I	3.0	3.0	3.0	2.0	2.0	66,830	2.0	71,243	2.0	82,339
06M Radio Operator	1.0	1.0	1.0	1.0	1.0	38,844	1.0	38,573	1.0	41,087
Total Positions	36.0	36.0	36.0	36.0	36.0		32.0		30.0	
Account Detail										
0001-02 Permanent Wages	1,342,208	1,253,367	1,279,019	1,356,999		1,493,911		1,288,590		1,338,762
0001-04 Temporary Wages	15,000	6,740	6,234	5,710		18,640		18,640		18,640
0001-06 Premium Pay	69,875	57,034	72,807	58,092		85,000		85,000		90,000
0001-11 Shift Differntial	2,505	1,475	2,471	1,926		2,375		2,375		3,000
0001-12 FICA	105,790	100,017	103,540	107,811		122,394		106,687		110,956
0001-14 Pension	114,028	32,348	66,064	82,916		70,493		70,493		63,514
0001-16 Insurance - Employee Group	374,148	434,016	433,152	434,016		463,500		393,440		399,000
Personnel	**2,023,554**	**1,884,997**	**1,963,287**	**2,047,470**		**2,256,313**		**1,965,225**		**2,023,872**
0001-20 Electric Power	13,000	14,920	13,665	15,774		18,270		18,270		23,022
0001-22 Telephone	2,800	2,113	3,086	2,800		2,800		2,000		-
0001-26 Printing	3,000	2,151	2,268	2,220		3,000		1,516		3,000
0001-30 Rentals	5,000	11,221	-	10,000		30,000		30,000		30,000
0001-32 Publications & Memberships	716	577	1,496	338		1,500		1,500		1,500
0001-34 Training & Prof. Develop	3,329	2,928	5,632	5,022		7,000		7,000		7,000
0001-42 Repairs & Maintenance	8,904	9,407	7,592	9,869		8,000		8,000		10,000
0001-46 Other Contract Services	6,968	13,684	13,432	18,883		8,500		8,500		8,500
0001-50 Other Services & Charges	1,000	312	975	312		1,000		1,000		1,000
Services & Charges	**44,717**	**57,313**	**48,146**	**65,218**		**80,070**		**77,786**		**84,022**
0001-54 Repair & Maint Supplies	149,595	160,182	134,399	127,641		200,000		139,000		175,000
0001-56 Uniforms	5,000	3,863	4,000	3,430		5,000		5,000		5,000
0001-58 Office Supplies	1,555	1,400	1,353	1,530		2,000		2,000		2,000
0001-62 Fuels, Oils, & Lbricants	16,000	7,187	14,654	20,150		15,000		15,000		15,300
0001-64 Pipe & Fittings	200,000	239,210	318,183	291,280		325,000		325,000		325,000
0001-66 Chemicals	1,045	289	213	71		1,000		1,000		1,000
0001-68 Operating Materials & Supp	3,000	1,388	2,918	2		4,000		4,000		4,000
Materials & Supplies	**376,195**	**413,519**	**475,720**	**444,104**		**552,000**		**491,000**		**527,300**
0001-72 Equipment	63,756	122,990	119,765	87,101		87,000		87,000		30,000
Capital Outlay	**63,756**	**122,990**	**119,765**	**87,101**		**87,000**		**87,000**		**30,000**
0001-76 Construction Contracts	211,790	69,507	-	190,524.00		350,000		254,975		250,000
0001-84 Capital Contributions	-	-	-	425,000		200,000		200,000		172,000
0001-90 Refunds	3,700	7,275	5,784	6,996		7,000		7,000		7,000
0001-92 Minimum Charge Rebates	4,507	3,239	2,441	2,352		4,500		4,500		3,000
0001-99 Reserve for Encumbrances	132,327	95,686	7,053	265,407		-		-		-
Sundry	**352,324**	**175,707**	**15,278**	**890,279**		**561,500**		**466,475**		**432,000**
Total Construction & Maint.	**2,860,546**	**2,654,526**	**2,622,196**	**3,534,172**		**3,536,883**		**3,087,486**		**3,097,194**

PROGRAM DETAIL

Bureau:	No:	Department:	Program:	No:
Water Shed (Lehigh Parkway)	08-2722	Parks and Recreation	Grounds Maintenance	0001

Program Description:
This program's responsibilities include the maintenance of turf, trees and shrubbery; the maintenance, renovation and improvement of all buildings and pavilions, maintenance assistance for non-City and City events (races, fishing contests, etc.); snow removal on all roadways and public streets/snow districts; and minor maintenance repairs on equipment. Areas of responsibility include the Water Shed system (Lehigh Parkway), South Mountain Reservoir, East Side Reservoir, booster stations, Schantz Spring and Huckleberry Ridge, and various other City-owned areas that require maintenance. Assist other departments as needed.

Goal(s):
To provide year-round recreational programs/activities in an efficient, safe and effective manner, and protect open space and the City's water supply; provide for the safe movement of vehicles and individuals utilizing parklands. To maintain our bridle path, a multi-purpose trail, keeping it safe and clean for walkers, joggers, bicyclists, and horse riders.

Measurable Budget Year Objectives and Long Range Targets:

- Maintain an attractive, green, well kept setting for passive recreation including jogging, bicycling, nature study, picnicking and fishing.
- Assure environmental protection of stream valley, water shed and reservoir areas.
- Maintain special facilities for environmental education (fish hatchery and nature trails) and unique recreation areas (bridle path).
- Continue to implement volunteer involvement in special projects; tree plantings, stream clean-up, restoration, etc.
- Maintain buildings for storage of equipment, materials and supplies.
- Provide snow control on streets, walks and bridges.
- Maintain rolling stock and equipment to minimize down time and maintain efficiency and production.
- Substitute equipment reconditioning for acquisition of new equipment; whenever possible.
- Provide pruning, removal or repairs, of trees as a method of controlling diseases and make wooded areas safe for public use.
- Plant new trees for protection of water supply at the rate of one hundred (100) per year.
- Provide staff assistance for City and Non-City special events; races, fishing contests, etc.
- Naturalize 3% to 5% of high maintenance areas each year to reduce maintenance costs.
- Install, maintain, remove and store Parkway Lights.
- Create riparian buffers in specified areas to meet best management practice requirements.
- Upgrade disc golf with amenities and adjust course for year around play.
- Acquire abandoned railways and continue increasing and improving bikeways.

Impact/Output Measures	2006 Actual	2007 Actual	2008 Actual	2009 Estimated	2010 Projected
Acres of turf mowed	420	420	420	420	420
Acres of woodland maintained	440	440	440	440	440
Number of nature trails	4	4	4	4	4
Miles of bridle path maintained	14	14	14	14	14
Garbage pick-up (loads)	500	500	525	525	525
Debris pick-up (loads)	550	550	550	550	550
Number of seedlings planted	750	700	700	700	700
Number of buildings and facilities maintained	45	45	45	45	45
Number of miles/snow control	26	26	26	26	26
Number of equipment pieces	150	150	150	150	150
Number of trees removed	200	200	200	200	200
Number of trees planted	150	150	150	150	150
Wood chip production; dump truck loads	90	90	90	90	90
Number of picnic reservations/reservoir pavilion use	75	75	70	70	70
Number of special events	60	60	70	75	75

CITY OF ALLENTOWN
PROGRAM BUDGET
RESOURCE REQUIREMENTS

FUND	002	WATER
DEPT	08	PARKS AND RECREATION
BUREAU	2722	WATER-SHED
PROGRAM	0001	GROUNDS MAINTENANCE

		2005 Actual	2006 Actual	2007 Actual	2008 Actual	2009 Final Budget		2009 Actual & Estimated		2010 Proposed Budget	
Personnel Detail		Number of Permanent Positions				#	Salaries	#	Salaries	#	Salaries
16N	Parks Superintendent	-	-	0.5	0.5	0.5	31,069	0.5	30,623	0.5	31,525
11N	Maint Supervisor	1.0	1.0	1.0	1.0	1.0	61,339	1.0	60,462	1.0	55,455
10N	Arbor Foreperson	-	-	-	-	-	-	-	-	1.0	47,858
08N	Maint Foreperson	1.0	1.0	1.0	1.0	1.0	54,660	1.0	53,994	1.0	45,000
14M	Equipment Operator 4	1.0	1.0	1.0	1.0	1.0	47,498	1.0	47,175	1.0	50,086
13M	Tradesman Plumber	-	-	1.0	1.0	1.0	45,331	1.0	45,000	1.0	47,898
11M	Arborist II	1.0	1.0	1.0	1.0	2.0	86,006	2.0	85,716	2.0	87,697
10M	Maintenance Worker 3	1.0	1.0	1.0	3.0	4.0	168,036	4.0	168,307	4.0	180,377
09M	Arborist 1	1.0	1.0	1.0	1.0	-	-	-	-	-	-
08M	Maintenance Worker 2	8.0	8.0	12.0	10.0	9.0	356,658	9.0	356,776	9.0	379,776
06M	Maintenance Worker 1PPT	0.5	1.0	1.0	1.0	1.0	13,868	1.0	8,807	-	-
06M	Maintenance Worker 1	7.0	7.0	7.0	8.0	8.0	288,000	7.0	196,118	5.0	201,632
	Total Positions	21.5	22.0	27.0	28.0	28.5		27.5		25.5	

Account Detail								
0001-02	PERMANENT WAGES	717,790	713,453	962,270	1,049,928	1,152,465	1,052,978	1,127,304
0001-04	TEMPORARY WAGES	14,521	15,719	23,094	21,086	36,000	30,000	54,327
0001-06	PREMIUM PAY	19,758	25,532	35,934	56,649	51,066	45,000	45,000
0001-11	SHIFT DIFFERENTIAL	207	716	1,217	1,126	1,800	1,500	1,500
0001-12	FICA	57,869	57,253	77,790	85,780	94,962	86,405	93,952
0001-14	PENSION	15,063	17,067	49,548	65,642	55,807	55,807	53,987
0001-16	INSURANCE - EMPLOYEE GRP	228,646	265,232	324,864	342,912	366,938	338,113	339,150
	Personnel	1,053,854	1,094,972	1,474,717	1,623,123	1,759,037	1,609,803	1,715,220
0001-20	ELECTRIC POWER	13,500	15,126	16,707	12,085	18,000	18,000	16,200
0001-22	TELEPHONE	456	835	1,077	1,398	4,000	-	-
0001-26	PRINTING	-	-	-	12,220	20,000	20,000	20,000
0001-30	RENTALS	121	268	572	1,938	3,000	2,500	2,500
0001-34	TRAINING & PROF. DEVELOP	504	446	962	-	1,000	800	800
0001-42	REPAIRS & MAINTENANCE	2,315	2,011	902	1,062	2,500	2,000	2,000
0001-46	OTHER CONTRACT SERVICES	50	3,309	850	11,589	50,000	35,000	35,000
	Services & Charges	16,946	21,995	21,070	40,292	98,500	78,300	76,500
0001-54	REPAIR & MAINT SUPPLIES	16,822	28,088	23,426	37,530	32,000	30,000	30,400
0001-56	UNIFORMS	2,747	3,895	3,831	6,434	4,500	4,500	4,500
0001-58	OFFICE SUPPLIES	84	79	78	-	100	100	100
0001-62	FUELS, OILS & LUBRICANTS	8,150	3,381	8,779	10,985	19,500	18,000	18,000
0001-64	PIPE & FITTINGS	880	786	497	607	3,000	2,800	2,800
0001-66	CHEMICALS	2,783	2,635	2,869	6,940	25,000	15,000	23,000
0001-68	OPERATING MATERIALS & SUPP	11,803	9,695	14,176	31,733	20,000	18,000	18,000
	Materials & Supplies	43,269	48,559	53,656	94,229	104,100	88,400	96,800
0001-72	EQUIPMENT	2,276	118,889	74,127	-	136,350	85,000	100,500
	Capital Outlays	2,276	118,889	74,127	-	136,350	85,000	100,500
0001-76	CONSTRUCTION CONTRACTS	-	16,825	10,000	17,869	35,000	15,000	20,000
0001-99	RESERVE FOR ENCUMBRANCES	58,697	6,112	2,519	-	-	-	-
	Sundry	58,697	22,937	12,519	17,869	35,000	15,000	20,000
Total	**GROUNDS MAINTENANCE**	**1,175,042**	**1,307,352**	**1,636,089**	**1,775,513**	**2,132,987**	**1,876,503**	**2,009,020**

PROGRAM DETAIL

Bureau:	No:	Department:	Program:	No:
Water Shed (Lehigh Parkway)	08-2722	Parks and Recreation	Fish Hatchery Operation	0002

Program Description:

The Fish Hatchery program maintains fifteen (15) fish hatchery ponds and the Hatch House. This program supervises, feeds and cares for forty thousand (40,000+) trout annually. It also maintains exhibits used for environmental education and provides for the continual upkeep of the memorial arboretum adjacent to the Hatchery parking lot.

Goal(s):

To provide year-round entertainment recreational programs. To continue upkeep to provide a clean and safe environment for public use. To clean and maintain fish hatchery ponds to keep healthy fish for public stockings in our streams. Continue to provide tours to school children and general public.

Measurable Budget Year Objectives and Long Range Targets:

- Assure continued maintenance and upkeep of fifteen (15) fish hatchery ponds.
- Raising of 40,000+ trout for stocking in area streams in a cooperative volunteer program involving local Sportsmen and the Pennsylvania Fish and Boat Commission.
- Serve the community through tours of the Hatch House nature exhibits.
- Implement guide to historical features of the Trout Nursery.
- Update signage in Fish Hatchery and along Bridle Path.
- Install bridge over creek for safer access to nursery.
- Continue improvements to meet the needs of visitors.
- Investigate the feasibility of installing an ADA-compliant water fountain on the premises.

Impact/Output Measures	2006 Actual	2007 Actual	2008 Actual	2009 Estimated	2010 Budgeted
Number of ponds maintained	15	15	15	15	15
Number of trout reared	40,000	40,000	40,000	40,000	40,000
Number of visitors to complex	90,000	90,000	90,000	90,000	90,000
Number of trees in Arboretum	180	180	185	185	185

CITY OF ALLENTOWN
PROGRAM BUDGET
RESOURCE REQUIREMENTS

FUND	002	WATER
DEPT	08	PARKS AND RECREATION
BUREAU	2722	WATER-SHED
PROGRAM	0002	FISH HATCHERY OPERATION

		2005 Actual	2006 Actual	2007 Actual	2008 Actual	2009 Final Budget		2009 Actual & Estimated		2010 Proposed Budget	
Personnel Detail		Number of Permanent Positions				#	Salaries	#	Salaries	#	Salaries
08M	Maintenance Worker 2	1.0	1.0	1.0	1.0	1.0	41,032	1.0	40,756	1.0	43,256
	Total Positions	1.0	1.0	1.0	1.0	1.0		1.0		1.0	
Account Detail											
0002-02	PERMANENT WAGES	35,797	36,553	38,086	39,210		41,032		40,756		43,256
0002-06	PREMIUM PAY	1,107	1,751	1,359	1,034		3,000		1,200		1,500
0002-11	SHIFT DIFFERENTIAL	20	24	31	36		300		50		75
0002-12	FICA	2,825	2,932	3,020	3,074		3,391		3,213		3,430
0002-14	PENSION	759	803	1,589	2,303		1,958		1,958		2,117
0002-16	INSURANCE - EMPLOYEE GRP	10,393	12,056	12,056	12,032		12,875		12,295		13,300
	Personnel	50,901	54,119	56,141	57,689		62,556		59,472		63,678
0002-20	ELECTRIC POWER	5,000	5,250	5,513	6,616		7,600		7,600		6,750
0002-30	RENTALS	619	1,077	603	1,204		2,200		1,800		1,800
0002-42	REPAIRS & MAINTENANCE	-	738	1,053	1,266		1,800		1,800		1,800
	Services & Charges	5,619	7,065	7,169	9,086		11,600		11,200		10,350
0002-54	REPAIR & MAINT SUPPLIES	700	1,129	593	968		1,600		1,500		1,500
0002-62	FUELS, OILS & LUBRICANTS	1,365	1,211	1,331	2,672		8,500		8,000		8,000
0002-68	OPERATING MATERIALS & SUPP	-	192	86	3,170		5,350		5,000		5,000
	Materials & Supplies	2,065	2,532	2,010	6,810		15,450		14,500		14,500
0001-99	RESERVE FOR ENCUMBRANCES	350	268	-	-		-		-		-
	Sundry	350	268	-	-		-		-		-
Total	FISH HATCHERY OPERATION	**58,935**	**63,984**	**65,320**	**73,585**		**89,606**		**85,172**		**88,528**

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