

# 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

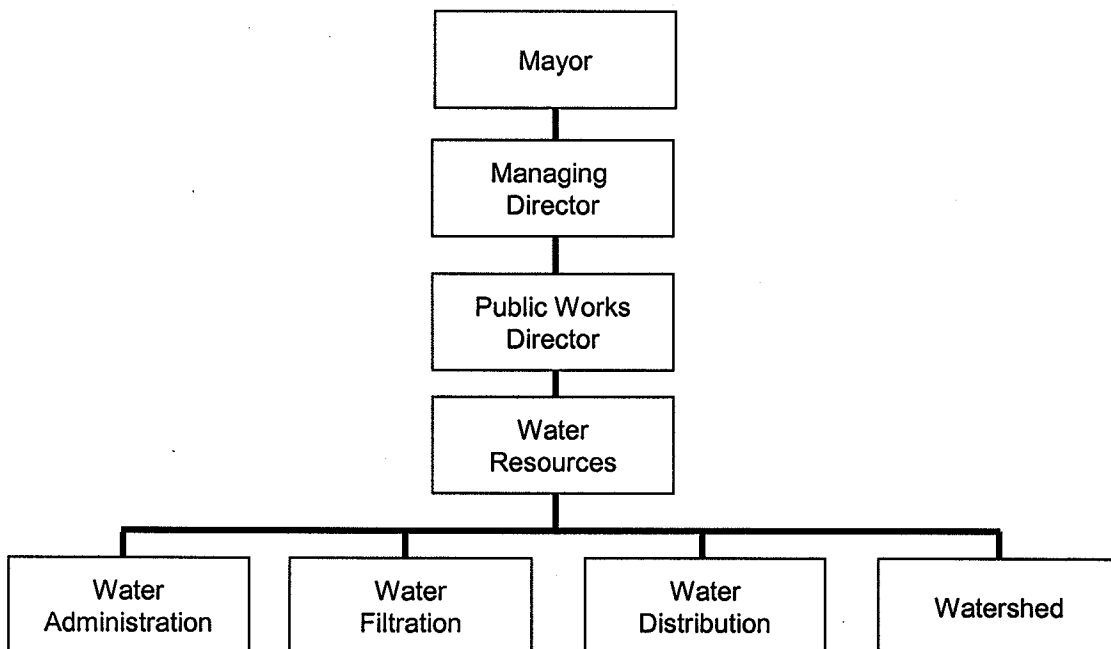
To provide, in accordance with regulatory requirements, and utilizing recognized operational, maintenance, and laboratory procedures, a safe and plentiful supply of drinking water. Similarly, to effectively maintain and support all related programs mandated under the Public Drinking Water Law and Amendments.

### 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

	2003	2004	2005	2006	2007	2007		2008		
	Actual	Actual	Actual	Actual	Budget	Actual & Estimated	Salaries	Final Budget	Salaries	
	Number of Permanent Positions				#	Salaries	#	Salaries	#	Salaries
<b>Opening Balance</b>	1,074,474	2,169,805	2,234,146	2,118,665	2,091,665		1,874,317			565,623
<b>Revenues:</b>										
Metered Water Sales	12,493,210	12,068,019	12,189,940	12,035,452	12,200,000		12,200,000			12,300,000
Penalties & Interest	224,342	220,918	214,086	198,929	200,000		159,300			200,000
Other Water Sales	1,539,811	1,711,269	2,035,062	1,730,373	1,700,000		1,720,000			1,750,000
Fire Hydrant Standby Charges	62,620	68,010	69,960	82,340	65,000		72,540			74,000
Tapping Fees										250,000
Grant	136,174	97,222	26,575	4,328	5,000		5,000			6,000
State Aid for Pension	54,386	39,610	37,455	42,935	42,900		42,900			40,000
Interest Income	72,931	130,796	64,862	126,849	67,000		67,000			67,000
Miscellaneous	120,526	202,945	41,642	93,574	50,000		50,000			30,000
<b>Total Revenue</b>	<b>14,704,000</b>	<b>14,538,789</b>	<b>14,679,582</b>	<b>14,314,780</b>	<b>14,329,900</b>		<b>14,316,740</b>			<b>14,717,000</b>
Total Funds Available	15,778,474	16,708,594	16,913,728	16,433,445	16,421,565		16,191,057			15,282,623
<b>Expenditures:</b>										
02 Permanent Wages	2,990,409	3,008,035	3,152,487	3,044,688	3,769,238		3,775,762			3,875,131
Vacancy Factor										(150,000)
04 Temporary Wages	25,149	23,611	23,728	24,437	56,844		45,632			61,415
06 Premium Pay	222,961	186,478	183,966	168,304	263,398		232,078			277,231
11 Shift Differential			6,115	7,170	2,099		5,654			9,675
12 FICA	246,666	245,010	255,771	245,064	313,006		305,493			323,094
14 Pension	72,853	55,946	68,889	76,290	313,704		319,260			317,560
16 Insurance - Employee Group	721,317	777,268	904,191	1,048,872	1,111,781		1,131,398			1,125,322
<b>Total Personnel</b>	<b>4,279,355</b>	<b>4,296,348</b>	<b>4,601,147</b>	<b>4,614,825</b>	<b>5,830,070</b>		<b>5,815,277</b>			<b>5,839,429</b>
20 Electric Power	530,061	496,915	547,044	550,819	632,805		548,653			580,858
22 Telephone	3,117	2,911	5,605	5,948	6,880		7,529			10,300
24 Postage & Shipping	225	184	518	447	7,500		7,250			7,750
26 Printing	3,000	923	2,837	2,632	3,800		3,750			24,000
30 Rentals	34,204	22,763	3,196	16,250	37,718		36,486			39,200
32 Publications & Memberships	2,516	6,165	8,360	7,841	9,500		9,350			10,000
34 Training & Professional Development	15,196	6,680	10,990	10,152	23,000		22,877			17,000
42 Repairs & Maintenance	49,076	39,774	49,465	66,475	178,603		170,652			183,607
44 Professional Service Fees	255,929	44,161	98,837	35,112	96,000		88,000			53,000
46 Other Contract Services	229,574	186,754	198,120	192,435	235,000		235,139			246,996
50 Other Services & Charges	660	1,115	2,740	3,970	6,000		5,516			5,700
<b>Total Services &amp; Charges</b>	<b>1,123,558</b>	<b>808,344</b>	<b>927,712</b>	<b>892,081</b>	<b>1,236,806</b>		<b>1,125,202</b>			<b>1,178,411</b>
54 Repair & Maintenance Supplies	169,639	158,126	229,511	239,933	298,100		301,029			301,350
56 Uniforms	12,345	11,922	11,024	10,879	15,300		12,541			16,700
58 Office Supplies	4,967	7,508	5,374	7,445	15,750		15,560			16,100
62 Fuels, Oils & Lubricants	69,892	89,292	142,756	112,289	154,215		143,103			174,859
64 Pipe & Fittings	218,569	214,675	241,484	254,450	301,500		343,678			301,500
66 Chemicals	93,552	103,262	136,122	133,289	203,000		183,211			242,831
68 Operating Materials & Supplies	45,844	38,253	36,738	38,879	60,650		52,431			75,150
<b>Total Materials &amp; Supplies</b>	<b>614,808</b>	<b>623,037</b>	<b>803,009</b>	<b>797,164</b>	<b>1,048,515</b>		<b>1,051,553</b>			<b>1,128,490</b>
72 Equipment	242,560	127,714	99,542	306,504	559,400		482,285			185,250
76 Construction Contracts	238,189	179,517	93,935	86,332	35,000		65,000			335,000
<b>Total Capital Outlays</b>	<b>480,749</b>	<b>307,231</b>	<b>193,477</b>	<b>392,836</b>	<b>594,400</b>		<b>547,285</b>			<b>520,250</b>
82 Interest Expense	1,604,960	1,513,733	1,376,867	1,242,805	1,031,556		951,500			927,461
84 Capital Fund Contribution	-	800,000	75,000	-	800,000		800,000			675,000
86 General City Charges	1,545,679	1,545,679	1,545,679	1,700,247	1,785,259		1,785,259			1,744,210
88 Interfund Transfers	-	216,520	450,000	450,000	450,000		450,000			483,332
90 Refunds	3,628	34,121	5,564	7,585	14,500		8,500			8,500
92 Minimum Charge Rebates	4,375	3,413	3,729	3,239	-		4,500			4,500
98 Debt Principal	3,932,351	4,204,522	4,439,765	4,320,000	2,862,600		2,862,600			2,725,200
99 Reserve for Encumbrances	19,206	121,498	373,114	138,346	-		205,519			-
<b>Total Sundry</b>	<b>7,110,199</b>	<b>8,439,487</b>	<b>8,269,718</b>	<b>7,862,222</b>	<b>6,943,915</b>		<b>7,067,878</b>			<b>6,568,203</b>
<b>Total Expenditures</b>	<b>13,608,669</b>	<b>14,474,448</b>	<b>14,795,063</b>	<b>14,559,128</b>	<b>15,653,706</b>		<b>15,607,195</b>			<b>15,234,783</b>
<b>Closing Balance</b>	<b>2,169,805</b>	<b>2,234,146</b>	<b>2,118,665</b>	<b>1,874,317</b>	<b>767,859</b>		<b>583,862</b>			<b>47,840</b>

**WATER REVENUE BONDS  
AMORTIZATION SCHEDULE**

YEAR	SERIES OF 1993		REFUNDING SERIES OF 1993		SERIES OF 2006 NOTE	
	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST
2008	-	43,787.50	-	18,645.00	340,200.00	103,280.10
2009	375,000.00	43,787.50	160,000.00	18,645.00	355,200.00	90,182.40
2010	400,000.00	22,600.00	170,000.00	9,605.00	366,600.00	76,507.20
2011	-	-	-	-	380,400.00	62,393.10
2012	-	-	-	-	399,000.00	47,747.70
2013	-	-	-	-	411,600.00	32,386.20
2014	-	-	-	-	429,600.00	16,539.60
2015	-	-	-	-	-	-
2016	-	-	-	-	-	-
2017	-	-	-	-	-	-
2018	-	-	-	-	-	-
2019	-	-	-	-	-	-
2020	-	-	-	-	-	-
2021	-	-	-	-	-	-
2022	-	-	-	-	-	-
2023	-	-	-	-	-	-
2024	-	-	-	-	-	-
<b>TOTAL</b>	<b>775,000.00</b>	<b>110,175.00</b>	<b>330,000.00</b>	<b>46,895.00</b>	<b>2,682,600.00</b>	<b>429,036.30</b>

YEAR	SERIES OF 1998		SERIES OF 2001		SERIES OF 2003	
	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST
2008	510,000.00	153,855.00	1,380,000.00	441,757.50	155,000.00	39,536.26
2009	155,000.00	131,925.00	905,000.00	372,757.50	5,000.00	35,661.26
2010	160,000.00	124,950.00	940,000.00	337,915.00	80,000.00	35,517.50
2011	590,000.00	117,750.00	975,000.00	300,315.00	80,000.00	32,957.50
2012	615,000.00	90,610.00	1,025,000.00	251,565.00	85,000.00	30,277.50
2013	645,000.00	61,379.50	1,085,000.00	195,190.00	85,000.00	27,260.00
2014	180,000.00	30,760.00	1,145,000.00	135,515.00	90,000.00	24,200.00
2015	190,000.00	22,120.00	1,190,000.00	83,990.00	90,000.00	20,825.00
2016	200,000.00	13,000.00	85,000.00	29,250.00	95,000.00	17,225.00
2017	30,000.00	3,000.00	90,000.00	25,000.00	100,000.00	13,425.00
2018	30,000.00	1,500.00	95,000.00	20,500.00	105,000.00	9,275.00
2019	-	-	100,000.00	15,750.00	110,000.00	4,812.50
2020	-	-	105,000.00	10,750.00	-	-
2021	-	-	110,000.00	5,500.00	-	-
2022	-	-	-	-	-	-
2023	-	-	-	-	-	-
2024	-	-	-	-	-	-
<b>TOTAL</b>	<b>3,305,000.00</b>	<b>750,849.50</b>	<b>9,230,000.00</b>	<b>2,225,755.00</b>	<b>1,080,000.00</b>	<b>290,972.52</b>

**WATER REVENUE BONDS  
AMORTIZATION SCHEDULE**

<b>SECOND SERIES OF 1997</b>		
<b>YEAR</b>	<b>PRINCIPAL</b>	<b>INTEREST</b>
2008	160,000.00	44,180.00
2009	170,000.00	36,580.00
2010	180,000.00	28,250.00
2011	185,000.00	19,250.00
2012	200,000.00	10,000.00
2013	-	-
2014	-	-
2015	-	-
2016	-	-
2017	-	-
2018	-	-
2019	-	-
2020	-	-
2021	-	-
2022	-	-
2023	-	-
2024	-	-
<b>TOTAL</b>	<b>895,000.00</b>	<b>138,260.00</b>

<b>YEAR</b>	<b>SERIES OF 2004</b>		<b>TOTAL DEBT SERVICE</b>		
	<b>PRINCIPAL</b>	<b>INTEREST</b>	<b>PRINCIPAL</b>	<b>INTEREST</b>	<b>TOTAL</b>
2008	180,000.00	82,418.76	2,725,200.00	927,460.12	3,652,660.12
2009	190,000.00	79,043.76	2,315,200.00	808,582.42	3,123,782.42
2010	130,000.00	74,673.76	2,426,600.00	710,018.46	3,136,618.46
2011	135,000.00	71,423.76	2,345,400.00	604,089.36	2,949,489.36
2012	135,000.00	67,711.26	2,459,000.00	497,911.46	2,956,911.46
2013	140,000.00	63,661.26	2,366,600.00	379,876.96	2,746,476.96
2014	145,000.00	59,181.26	1,989,600.00	266,195.86	2,255,795.86
2015	155,000.00	54,287.50	1,625,000.00	181,222.50	1,806,222.50
2016	155,000.00	48,707.50	535,000.00	108,182.50	643,182.50
2017	165,000.00	42,972.50	385,000.00	84,397.50	469,397.50
2018	165,000.00	36,702.50	395,000.00	67,977.50	462,977.50
2019	170,000.00	30,102.50	380,000.00	50,665.00	430,665.00
2020	180,000.00	23,132.50	285,000.00	33,882.50	318,882.50
2021	85,000.00	15,752.50	195,000.00	21,252.50	216,252.50
2022	90,000.00	12,182.50	90,000.00	12,182.50	102,182.50
2023	95,000.00	8,312.50	95,000.00	8,312.50	103,312.50
2024	95,000.00	4,180.00	95,000.00	4,180.00	99,180.00
<b>TOTAL</b>	<b>2,410,000.00</b>	<b>774,446.32</b>	<b>20,707,600.00</b>	<b>4,766,389.64</b>	<b>25,473,989.64</b>

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**CITY OF ALLENTOWN  
PROGRAM BUDGET  
RESOURCE REQUIREMENTS**

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

	2003	2004	2005	2006	2007	2007	2008
	Actual	Actual	Actual	Actual	Budget	Actual & Estimated	Final Budget
<b>Personnel Detail</b>							
Total Positions	Number of Permanent Positions		Salaries		#	Salaries	# Salaries
	-	-	-	-	-	-	-
<b>Account Detail</b>							
0001-02 Permanent Wages	-	-	-	-	-	-	-
0001-06 Premium Pay	-	-	-	-	-	-	-
0001-12 FICA	-	-	-	-	-	-	-
0001-14 Pension	-	-	-	-	-	-	-
0001-16 Insurance - Employee Group	-	-	-	-	-	-	-
Personnel	-	-	-	-	-	-	-
0001-44 Prof Services Fees	22,511	19,267	23,000	15,532	23,000	15,000	23,000
Services & Charges	22,511	19,267	23,000	15,532	23,000	15,000	23,000
0001-82 Interest Expense	1,604,960	1,513,733	1,407,348	1,242,805	1,031,556	951,500	927,461
0001-84 Capital Fund Contribution	-	800,000	75,000	-	800,000	800,000	-
0001-86 General City Charges	1,545,679	1,545,679	1,545,679	1,700,247	1,785,259	1,785,259	1,744,210
0001-88 Interfund Transfers	-	216,520	450,000	450,000	450,000	450,000	483,332
0001-90 Refunds	-	-	-	-	-	-	-
0001-92 Minimum Charge Rebates	-	-	-	-	-	-	-
0001-98 Debt Principal	3,932,351	4,204,522	4,427,062	4,320,000	2,862,600	2,862,600	2,725,200
0001-99 Reserve for Encumbrances	-	-	-	-	-	203,000	-
Sundry	7,082,990	8,280,454	7,905,089	7,713,052	6,929,415	7,052,359	5,880,203
<b>Total</b>	<b>7,111,610</b>	<b>8,299,721</b>	<b>7,928,089</b>	<b>7,728,584</b>	<b>6,952,415</b>	<b>7,067,359</b>	<b>5,903,203</b>
	Utility Administration						

**PROGRAM DETAIL**

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<b>Bureau:</b> Water Administration	<b>No:</b> 03-2721	<b>Department:</b> Public Works	<b>Program:</b> Engineering	<b>No:</b> 0002
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**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.

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**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.

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**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.

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<b>Impact/Output Measures</b>	<b>2004 Actual</b>	<b>2005 Actual</b>	<b>2006 Actual</b>	<b>2007 Estimated</b>	<b>2008 Budgeted</b>
Water main design	18	18	12	15	12
Miscellaneous design	4	4	4	4	4
Subdivision Review (Major Only)	5	12	39	16	15
Flow tests/Hydraulic analyses	10	10	12	10	10
Review reports	1	1	1	1	1
Cost estimates	14	9	0	6	5
Assessment Ordinances	0	0	0	0	0
Water connection permits	25	51	47	30	35
Inquiries regarding permits, regulations, etc. for water system	650	615	600	600	600



**CITY OF ALLENTOWN  
PROGRAM BUDGET  
RESOURCE REQUIREMENTS**

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

Personnel Detail		2003	2004	2005	2006	2007		2008	
		Actual	Actual	Actual	Actual	Budget	Actual & Estimated	Final Budget	Final Budget
		Number of Permanent Positions				#	Salaries	#	Salaries
21N	Director of Public Works	-	-	-	-	-	-	0.2	16,000
18N	Manager of Engineering/City Eng	-	-	-	-	0.2	15,696	0.3	24,332
16N	Asst City Engineer/Sr. Civil Engineer	-	-	-	-	0.1	7,184	0.3	22,196
14N	Senior GIS Coord	1.0	1.0	1.0	1.0	1.0	57,581	-	-
10N	Engineering Technician	1.0	1.0	1.0	1.0	1.0	47,376	1.0	47,382
09N	Administrative Supervisor	1.0	1.0	1.0	1.0	1.0	44,634	1.0	44,830
07N	Executive Secretary	1.0	1.0	1.0	1.0	1.0	40,272	1.0	40,279
06N	Engineering Designer	1.0	1.0	1.0	1.0	1.0	39,228	1.0	39,436
15N	Construction Technican	1.0	1.0	1.0	1.0	1.0	47,821	1.0	46,755
<b>Total Positions</b>		<b>6.0</b>	<b>6.0</b>	<b>6.0</b>	<b>6.0</b>	<b>6.3</b>		<b>6.3</b>	<b>5.8</b>
<b>Account Detail</b>									
0002-02	Permanent Wages	230,580	252,684	253,141	254,359	299,792	295,098	281,211	
0002-06	Premium Pay	423	936	1,429	723	1,573	1,573	2,500	
0002-11	Shift Differential	-	-	100	22	100	100	200	
0002-12	FICA	18,008	19,074	17,318	18,692	23,062	22,703	21,719	
0002-14	Pension	5,708	4,513	19,442	5,241	21,420	21,420	19,720	
0002-16	Insurance - Employee Group	49,746	54,228	62,358	72,336	75,802	75,853	69,925	
<b>Personnel</b>		<b>304,466</b>	<b>331,435</b>	<b>353,788</b>	<b>351,373</b>	<b>421,749</b>	<b>416,847</b>	<b>395,274</b>	
0002-24	Postage & Shipping	-	-	5,020	66	7,000	7,000	7,000	
0002-26	Printing	-	663	500	481	500	500	500	
0002-32	Publications & Memberships	300	5,438	5,969	5,962	6,500	6,500	6,500	
0002-34	Training & Prof. Develop	4,192	2,741	4,767	5,267	7,000	7,000	2,000	
0002-42	Repairs & Maintenance	4,516	5,610	8,100	3,829	4,750	4,750	4,750	
0002-44	Prof Services Fees	209,512	16,024	120,000	19,580	68,000	68,000	25,000	
0002-46	Other Contract Services	4,543	5,564	7,000	6,332	7,000	7,000	7,500	
0002-50	Other Services & Charges	-	469	2,500	1,408	2,500	2,500	2,500	
<b>Services &amp; Charges</b>		<b>223,063</b>	<b>36,509</b>	<b>153,856</b>	<b>42,925</b>	<b>103,250</b>	<b>103,250</b>	<b>65,750</b>	
0002-56	Uniforms	573	479	1,110	692	1,200	1,200	1,200	
0002-58	Office Supplies	2,807	4,769	9,615	5,405	12,000	12,000	12,000	
0002-68	Operating Materials & Supp	5,399	129	2,014	21	2,300	2,300	5,300	
<b>Materials &amp; Supplies</b>		<b>8,779</b>	<b>5,377</b>	<b>12,739</b>	<b>6,118</b>	<b>15,500</b>	<b>15,500</b>	<b>18,500</b>	
0002-72	Equipment	-	11,608	9,665	-	-	-	-	
<b>Capital Outlay</b>		<b>-</b>	<b>11,608</b>	<b>9,665</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
0002-90	Refunds	-	-	1,500	310	1,500	1,500	1,500	
0002-99	Reserve for Encumbrances	210	14,361	7,955	13,864	-	-	-	
<b>Sundry</b>		<b>210</b>	<b>14,361</b>	<b>9,455</b>	<b>14,174</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	
<b>Total</b>	<b>Engineering</b>	<b>536,517</b>	<b>399,290</b>	<b>539,503</b>	<b>414,590</b>	<b>541,999</b>	<b>537,097</b>	<b>471,024</b>	

**PROGRAM DETAIL**

<b>Bureau:</b> Water Filtration	<b>No:</b> 03-2723	<b>Department:</b> Public Works	<b>Program:</b> Operations	<b>No:</b> 0001
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**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, including a SCADA system upgrade which has been overdue for many years.
- To continue to evaluate and replace outdated equipment in the water treatment plant, potable water storage reservoirs and distribution system.
- To continue efforts with PaDEP to re-allocate Crystal Spring and allow the city to pull an extra million gallons per day from the raw water source, resulting in a reduction in overall treatment costs.
- To update testing procedures to comply with accepted methodologies.
- To begin replacement of the anthracite layer of all 8 dual media filters, as suggested by The Partnership for Safe Water for potential water treatment improvements.
- 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.
- To complete a Hydrogeological Study of Schantz Spring, part of on-going efforts to protect one of the most valuable assets of the city.
- To continue with the daily operations, maintenance and laboratory testing that are required on all five city-owned pools and both city-owned spray parks.

<b>Impact/Output Measures</b>	<b>2004 Actual</b>	<b>2005 Actual</b>	<b>2006 Actual</b>	<b>2007 Estimated</b>	<b>2008 Budgeted</b>
Number of gallons of water processed (to system)	5.54 BG	5.50 BG	5.50 BG	5.46BG	5.50BG
Number of gallons of water filtered	1.57 BG	1.50 BG	1.57 BG	1.56BG	1.60BG
Number of major breakdowns due to equipment failure	0	0	0	0	0
Number of tests conducted (water)	26,000	26,500	26,500	27,000	27,000
Number of complaints answered	4	4	4	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	2003	2004	2005	2006	2007		2007		2008	
	Actual	Actual	Actual	Actual	Budget	Actual & Estimated	Estimated	Final Budget	Final Budget	Final Budget
	Number of Permanent Positions				#	Salaries	#	Salaries	#	Salaries
21N Director of Public Works	-	-	-	-	0.1	8,000	0.1	8,000	0.1	8,000
14N Laboratories Manager	1.0	1.0	1.0	1.0	1.0	55,545	1.0	54,359	1.0	61,376.03
13N Water Filtration Chief TPO	1.0	1.0	1.0	1.0	1.0	65,813	1.0	64,268	1.0	66,151
11N Maintenance Supervisor	1.0	1.0	1.0	1.0	1.0	60,283	1.0	58,738	1.0	60,455.20
10N APP Support Pgr/Coor	1.0	1.0	1.0	1.0	1.0	47,185	1.0	53,059	1.0	56,151
16M Treatment Plant Operator 5	-	-	1.0	-	1.0	46,160	1.0	46,160	-	-
15M Treatment Plant Operator 3	1.0	1.0	-	-	-	-	-	-	-	-
16M Treatment Plant Operator 3	-	-	3.0	-	-	-	-	-	-	-
14M Treatment Plant Operator 2	4.0	3.0	-	1.0	3.0	114,915	4.0	167,757	4.0	171,165
14M Environmental Technician	-	0.6	1.0	1.0	1.0	44,045	1.0	43,850	1.0	44,710
14M Instrument Technician	1.0	1.0	1.0	1.0	1.0	44,096	1.0	43,850	1.0	44,747
13M Lab Technician	2.0	2.0	2.0	2.0	2.0	83,542	2.0	85,285	2.0	86,986
13M Tradesman-Electrician	-	1.0	1.0	1.0	1.0	43,053	1.0	43,330	1.0	44,181
13M Treatment Plant Operator 2	-	-	-	3.0	-	-	-	-	-	-
14M Treatment Plant Operator 1	3.0	2.9	2.0	3.0	3.0	110,735	3.0	104,790	3.0	107,532
11M Maintenance Mechanic 2	6.0	4.7	5.0	5.0	5.0	191,859	5.0	195,030	5.0	198,063
8M Clerk 3	1.0	1.0	1.0	1.0	1.0	39,896	1.0	38,671	1.0	39,393
<b>Total Positions</b>	<b>22.0</b>	<b>21.2</b>	<b>21.0</b>	<b>22.0</b>	<b>22.1</b>		<b>23.1</b>		<b>22.1</b>	
<b>Account Detail</b>										
0001-02 Permanent Wages	794,937	789,211	797,546	786,956		955,127		1,007,147		988,908
0001-04 Temporary Wages	3,436	5,872	3,840	1,978		6,225		6,000		7,000
0001-06 Premium Pay	95,501	103,715	97,215	83,264		119,709		89,300		125,000
0001-11 Shift Differential	-	-	4,500	4,933		-		4,450		5,000
0001-12 FICA	67,927	68,481	66,829	66,170		82,701		84,678		86,132
0001-14 Pension	20,563	16,099	77,835	20,831		75,140		78,540		75,140
0001-16 Insurance - Employee Group	182,402	198,836	228,646	265,232		265,907		278,494		266,438
<b>Personnel</b>	<b>1,164,766</b>	<b>1,182,214</b>	<b>1,276,411</b>	<b>1,229,364</b>		<b>1,504,809</b>		<b>1,548,608</b>		<b>1,553,618</b>
0001-20 Electric Power	497,907	467,864	492,175	515,523		596,461		515,000		538,175
0001-22 Telephone	2,768	2,745	3,000	3,000		3,000		4,000		4,500
0001-24 Postage and Shipping	225	184	395	381		500		250		750
0001-26 Printing	-	-	-	-		300		250		500
0001-30 Rentals	2,347	2,140	2,500	3,684		4,500		4,050		5,000
0001-32 Publications & Memberships	1,496	360	454	1,302		1,500		1,350		2,000
0001-34 Training & Prof. Develop	2,880	1,678	1,920	1,511		9,000		9,000		9,000
0001-42 Repairs & Maintenance	30,306	22,422	35,468	50,490		160,000		155,000		165,004
0001-44 Prof. Services Fees	23,906	8,870	-	-		5,000		5,000		5,000
0001-46 Other Contract Services	205,340	174,036	180,000	169,110		201,000		198,000		210,496
0001-50 Other Services & Charges	-	68	-	2,250		2,500		2,016		2,200
<b>Services &amp; Charges</b>	<b>767,175</b>	<b>680,367</b>	<b>715,912</b>	<b>747,251</b>		<b>983,761</b>		<b>893,916</b>		<b>942,625</b>
0001-54 Repair & Maint Supplies	32,343	27,158	51,527	50,534		75,000		75,000		75,000
0001-56 Uniforms	2,854	2,642	2,000	2,429		6,200		4,600		6,200
0001-58 Office Supplies	1,100	879	798	561		1,650		1,560		2,000
0001-62 Fuels, Oils, & Lbricants	53,804	72,800	64,412	100,510		126,000		120,000		141,000
0001-64 Pipe & Fittings	14,774	16,372	14,305	14,454		25,000		17,500		25,000
0001-66 Chemicals	89,159	101,270	140,000	130,365		199,000		180,000		218,831
0001-68 Operating Materials & Supp	23,632	20,567	24,000	27,583		35,000		34,500		41,500
<b>Materials &amp; Supplies</b>	<b>217,666</b>	<b>241,688</b>	<b>297,042</b>	<b>326,436</b>		<b>467,850</b>		<b>433,160</b>		<b>509,531</b>
0001-72 Equipment	45,996	38,975	40,000	64,625		60,600		59,000		58,250
<b>Capital Outlay</b>	<b>45,996</b>	<b>38,975</b>	<b>40,000</b>	<b>64,625</b>		<b>60,600</b>		<b>59,000</b>		<b>58,250</b>
0001-84 Capital Fund Contribution	-	-	-	-		-		-		250,000
0001-99 Reserve for Encumbrances	-	88,960	19,071	22,416		-		-		-
<b>Sundry</b>	<b>-</b>	<b>88,960</b>	<b>19,071</b>	<b>22,416</b>		<b>-</b>		<b>-</b>		<b>250,000</b>
<b>Total Operations</b>	<b>2,195,603</b>	<b>2,232,204</b>	<b>2,348,436</b>	<b>2,390,092</b>		<b>3,017,020</b>		<b>2,934,684</b>		<b>3,314,024</b>

**PROGRAM DETAIL**

<b>Bureau:</b> Water Distribution	<b>No:</b> 03-2727	<b>Department:</b> Public Works	<b>Program:</b> Construction & Maintenance	<b>No:</b> 0001
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**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). To 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 (CASSWORKS), 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

<b>Impact/Output Measures</b>	<b>2004 Actual</b>	<b>2005 Actual</b>	<b>2006 Actual</b>	<b>2007 Estimated</b>	<b>2008 Budgeted</b>
New/re-laid mains (ft)	6,395	6,020	4,000	4,500	3,500
New/replacement services	121	298	225	250	200
Complaints checked	2,389	2,125	2,000	2,500	2,500
Test & flow hydrants	1,886	1,851	1,800	1,800	1,800
Repair/replace hydrants	107	119	100	75	100
Clean casing/operate valves	1,829	1,606	1,850	1,500	1,800
Repair/replace broken valves	76	47	60	75	75
Service leaks	174	177	125	150	150
Miles of piping surveyed	216	256	250	325	325
Main breaks	25	25	15	30	25
Install, repair and exchange all meters	1,820	1,789	1,600	1,500	1,000
Leak Survey water saved (Millions of gallons)	14	32.5	50	25	25
PA One call requests	2,689	3,215	2,500	2,500	2,500
Snow Hours	2,652		2,000	2,000	1,500

**CITY OF ALLENTOWN  
PROGRAM BUDGET  
RESOURCE REQUIREMENTS**

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

Personnel Detail	2003	2004	2005	2006	2007		2007		2008	
	Actual	Actual	Actual	Actual	Budget	Actual & Estimated	Estimated	Final Budget		
	Number of Permanent Positions				#	Salaries	#	Salaries	#	Salaries
17N Manager Distribution Collectic	1.0	1.0	1.0	1.0	1.0	74,406	1.0	74,412.00	1.0	79,977.00
11N Maintenance Supervisor	1.0	1.0	1.0	1.0	1.0	48,012	1.0	48,017.95	1.0	57,374.00
09N Office Manager	1.0	1.0	1.0	1.0	1.0	54,610	1.0	54,609.06	1.0	56,202.33
15M Equipment Operator 5	1.0	1.0	1.0	1.0	1.0	45,334	1.0	45,892.89	1.0	46,580.00
14M Construction Technican	1.0	1.0	1.0	1.0	1.0	44,048	1.0	44,724.72	1.0	45,415.00
14M Equipment Operator 4	1.0	1.0	1.0	1.0	1.0	44,198	1.0	42,496.62	1.0	45,415.00
13M Tradesman-Plumber	2.0	1.0	1.0	1.0	1.0	40,891	1.0	42,379.89	1.0	43,248.00
13M Tradesman	-	-	-	-	-	161,138	4.0	158,153.62	4.0	171,128.00
12M Tradesman	2.0	5.0	3.0	3.0	3.0	-	-	-	-	-
11M Water Meter Repairman	1.0	1.0	1.0	1.0	1.0	40,963	1.0	40,228	1.0	42,088
10M Tradesman	-	-	2.0	2.0	1.0	39,799	1.0	40,228	1.0	41,085
10M Maintenance Worker 3	3.0	-	-	-	-	-	-	-	-	-
10M Water Meter Installer	3.0	3.0	3.0	3.0	3.0	118,847	3.0	119,815	3.0	121,655
09M Maintenance Mechanic 2	1.0	1.0	1.0	1.0	1.0	39,056	1.0	39,561	1.0	38,925
09M Equipment Operator 2	-	1.0	1.0	1.0	1.0	38,406	1.0	36,445	1.0	38,017
08M Clerk 3	1.0	1.0	1.0	1.0	1.0	35,128	1.0	35,635	1.0	37,150
08M Inventory Control Clerk	1.0	1.0	1.0	1.0	1.0	35,128	1.0	35,635	1.0	37,150
08M Maintenance Worker 2	11.0	10.0	10.0	10.0	10.0	364,332	10.0	322,747	10.0	335,457
08M Line Loc/Water Met Rd	1.0	1.0	1.0	1.0	1.0	38,178	1.0	38,671	1.0	39,392
06M Clerk 2	1.0	1.0	1.0	1.0	1.0	62,187	1.0	63,945	2.0	66,358
06M Maintenance Worker I	3.0	3.0	3.0	3.0	3.0	68,728	3.0	68,814	2.0	70,819
06M Radio Operator	1.0	1.0	1.0	1.0	1.0	35,878	1.0	36,460	1.0	37,149
<b>Total Positions</b>	<b>37.0</b>	<b>36.0</b>	<b>36.0</b>	<b>36.0</b>	<b>35.0</b>		<b>36.0</b>		<b>36.0</b>	
<b>Account Detail</b>										
0001-02 Permanent Wages	1,239,531	1,250,982	1,342,208	1,253,367		1,429,267		1,388,873		1,450,584
0001-04 Temporary Wages	5,654	9,046	15,000	6,740		16,186		16,186		18,640
0001-06 Premium Pay	86,123	55,183	69,875	57,034		100,000		100,000		105,665
0001-11 Shift Differential	-	-	2,505	1,475		-		-		2,375
0001-12 FICA	101,263	100,187	105,790	100,017		118,227		115,137		120,661
0001-14 Pension	30,123	22,609	114,028	32,348		122,400		122,400		122,400
0001-16 Insurance - Employee Group	306,787	325,368	374,148	434,016		433,152		434,016		434,016
<b>Personnel</b>	<b>1,769,481</b>	<b>1,763,375</b>	<b>2,023,554</b>	<b>1,884,997</b>		<b>2,219,232</b>		<b>2,176,612</b>		<b>2,254,341</b>
0001-20 Electric Power	14,947	11,992	13,000	14,920		16,000		16,000		18,270
0001-22 Telephone	-	-	2,800	2,113		2,800		2,800		2,800
0001-26 Printing	3,000	260	3,000	2,151		3,000		3,000		3,000
0001-30 Rentals	30,109	18,164	5,000	11,221		30,000		30,000		30,000
0001-32 Publications & Memberships	720	367	716	577		1,500		1,500		1,500
0001-34 Training & Prof. Develop	7,653	1,619	3,329	2,928		6,000		6,000		6,000
0001-42 Repairs & Maintenance	10,856	9,735	8,904	9,407		10,000		10,000		10,000
0001-46 Other Contract Services	16,717	2,615	6,968	13,684		19,000		19,000		21,000
0001-50 Other Services & Charges	660	578	1,000	312		1,000		1,000		1,000
<b>Services &amp; Charges</b>	<b>84,662</b>	<b>45,330</b>	<b>44,717</b>	<b>57,313</b>		<b>89,300</b>		<b>89,300</b>		<b>93,570</b>
0001-54 Repair & Maint Supplies	116,409	112,643	149,595	160,182		200,000		200,000		200,000
0001-56 Uniforms	4,460	4,737	5,000	3,863		4,000		4,000		5,000
0001-58 Office Supplies	986	1,763	1,555	1,400		2,000		2,000		2,000
0001-62 Fuels, Oils, & Lbricants	11,887	11,189	16,000	7,187		10,000		10,000		12,000
0001-64 Pipe & Fittings	202,910	197,680	200,000	239,210		275,000		325,000		275,000
0001-66 Chemicals	1,940	133	1,045	289		1,000		1,000		1,000
0001-68 Operating Materials & Supp	2,894	922	3,000	1,388		4,000		4,000		4,000
<b>Materials &amp; Supplies</b>	<b>341,486</b>	<b>329,067</b>	<b>376,195</b>	<b>413,519</b>		<b>496,000</b>		<b>546,000</b>		<b>499,000</b>
0001-72 Equipment	196,564	39,457	63,756	122,990		154,000		154,000		127,000
<b>Capital Outlay</b>	<b>196,564</b>	<b>39,457</b>	<b>63,756</b>	<b>122,990</b>		<b>154,000</b>		<b>154,000</b>		<b>127,000</b>
0001-76 Construction Contracts	183,931	179,517	211,790	69,507		-		50,000		300,000
0001-84 Capital Contributions	-	-	-	-		-		-		425,000
0001-90 Refunds	3,628	34,121	3,700	7,275		13,000		7,000		7,000
0001-92 Minimum Charge Rebates	4,375	3,413	4,507	3,239		-		4,500		4,500
0001-99 Reserve for Encumbrances	18,996	13,951	132,327	95,686		-		-		-
<b>Sundry</b>	<b>210,930</b>	<b>231,002</b>	<b>352,324</b>	<b>175,707</b>		<b>13,000</b>		<b>61,500</b>		<b>736,500</b>
<b>Total Construction &amp; Maint.</b>	<b>2,603,123</b>	<b>2,408,231</b>	<b>2,860,546</b>	<b>2,654,526</b>		<b>2,971,532</b>		<b>3,027,412</b>		<b>3,710,411</b>

**PROGRAM DETAIL**

<b>Bureau:</b> Water Shed (Lehigh Parkway)	<b>No:</b> 08-2722	<b>Department:</b> Parks and Recreation	<b>Program:</b> Grounds Maintenance	<b>No:</b> 0001
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**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	2004 Actual	2005 Actual	2006 Actual	2007 Estimated	2008 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)	450	500	500	525	525
Debris pick-up (loads)	500	550	550	550	550
Number of seedlings planted	700	750	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	80	90	90	90	90
Number of picnic reservations/reservoir pavilion use	65	75	75	70	70
Number of special events	55	60	60	70	75

**CITY OF ALLENTOWN  
PROGRAM BUDGET  
RESOURCE REQUIREMENTS**

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

		2003	2004	2005	2006	2007	2007	2008			
		Actual	Actual	Actual	Actual	Final	Actual &	Final			
		Number of Permanent Positions				Budget	Estimated	Budget			
Personnel Detail						#	Salaries	#	Salaries	#	Salaries
16N	Parks Superintendent					0.5	33,250	0.5	32,862	0.5	33,250
11N	Maint Supervisor	1.0	1.0	1.0	1.0	1.0	58,789	1	58,723	1	60,455
08N	Maint Foreperson	1.0	1.0	1.0	1.0	1.0	52,178	1	52,178	1	53,874
14M	Equipment Operator 4	1.0	1.0	1.0	1.0	1.0	43,952	1	43,952	1	45,590
13M	Tradesman Plumber	-	-	-	-	1.0	41,668	1	42,505	1	43,423
11M	Arborist II	1.0	1.0	1.0	1.0	1.0	41,662	1	41,462	1	42,264
10M	Maintenance Worker 3	1.0	1.0	1.0	1.0	1.0	40,156	1	40,250	3	119,380
09M	Arborist 1	1.0	1.0	1.0	1.0	1.0	36,418	1	35,636	1	38,068
08M	Maintenance Worker 2	8.0	8.0	8.0	8.0	12.0	431,263	12	431,263	10	383,872
06M	Maintenance Worker 1	8.0	7.0	7.0	7.0	7.0	254,772	7	254,772	8	281,651
07M	Maintenance Worker 1PPT	1.0	0.5	0.5	1.0	1.0	12,953	1	12,920	1	13,208
	<b>Total Positions</b>	<b>23.0</b>	<b>21.5</b>	<b>21.5</b>	<b>22.0</b>	<b>27.5</b>		<b>27.5</b>		<b>28.5</b>	
<b>Account Detail</b>											
0001-02	PERMANENT WAGES	685,180	680,646	717,790	713,453		1,047,061		1,046,523		1,115,035
0001-04	TEMPORARY WAGES	16,059	8,693	14,521	15,719		34,433		23,446		35,775
0001-06	PREMIUM PAY	39,404	25,555	19,758	25,532		39,116		40,112		41,066
0001-11	SHIFT DIFFERENTIAL	-	-	207	716		1,699		1,090		1,800
0001-12	FICA	56,623	54,545	57,869	57,253		85,857		80,059		91,316
0001-14	PENSION	15,559	12,114	15,063	17,067		91,800		93,500		96,900
0001-16	INSURANCE - EMPLOYEE GRP	174,111	189,798	228,646	265,232		324,864		330,880		342,912
	<b>Personnel</b>	<b>986,936</b>	<b>971,352</b>	<b>1,053,854</b>	<b>1,094,972</b>		<b>1,624,830</b>		<b>1,615,610</b>		<b>1,724,804</b>
0001-20	ELECTRIC POWER	12,211	12,082	13,500	15,126		14,831		12,415		17,797
0001-22	TELEPHONE	349	166	456	835		1,080		729		3,000
0001-26	PRINTING	-	-	-	-		-		-		20,000
0001-30	RENTALS	551	800	121	268		1,018		840		2,000
0001-34	TRAINING & PROF. DEVELOP	470	642	504	446		1,000		877		-
0001-42	REPAIRS & MAINTENANCE	2,482	1,842	2,315	2,011		2,500		902		2,500
0001-44	PROF SERVICES FEES	-	-	-	-		-		-		-
0001-46	OTHER CONTRACT SERVICES	2,974	4,539	50	3,309		8,000		1,139		8,000
	<b>Services &amp; Charges</b>	<b>19,038</b>	<b>20,070</b>	<b>16,946</b>	<b>21,995</b>		<b>28,429</b>		<b>16,902</b>		<b>53,297</b>
0001-54	REPAIR & MAINT SUPPLIES	19,943	17,909	16,822	28,088		21,950		25,179		25,000
0001-56	UNIFORMS	4,458	4,064	2,747	3,895		3,900		2,741		4,300
0001-58	OFFICE SUPPLIES	74	97	84	79		100		-		100
0001-62	FUELS, OILS & LUBRICANTS	3,330	4,584	8,150	3,381		12,552		9,083		15,063
0001-64	PIPE & FITTINGS	885	622	880	786		1,500		1,178		1,500
0001-66	CHEMICALS	2,453	1,859	2,783	2,635		3,000		2,211		23,000
0001-68	OPERATING MATERIALS & SUPP	13,919	16,635	11,803	9,695		19,000		14,783		19,000
	<b>Materials &amp; Supplies</b>	<b>45,062</b>	<b>45,769</b>	<b>43,269</b>	<b>48,559</b>		<b>62,002</b>		<b>55,175</b>		<b>87,963</b>
0001-72	EQUIPMENT	-	-	2,276	118,889		344,800		269,285		-
	<b>Capital Outlays</b>	<b>-</b>	<b>-</b>	<b>2,276</b>	<b>118,889</b>		<b>344,800</b>		<b>269,285</b>		<b>-</b>
0001-76	CONSTRUCTION CONTRACTS	54,258	37,675	-	16,825		35,000		15,000		35,000
0001-99	RESERVE FOR ENCUMBRANCES	-	4,226	58,697	6,112		-		2,519		-
	<b>Sundry</b>	<b>54,258</b>	<b>41,901</b>	<b>58,697</b>	<b>22,937</b>		<b>35,000</b>		<b>17,519</b>		<b>35,000</b>
<b>Total</b>	<b>GROUNDS MAINTENANCE</b>	<b>1,105,294</b>	<b>1,079,092</b>	<b>1,175,042</b>	<b>1,307,352</b>		<b>2,095,061</b>		<b>1,974,491</b>		<b>1,901,064</b>

**PROGRAM DETAIL**

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<b>Bureau:</b> Water Shed (Lehigh Parkway)	<b>No:</b> 08-2722	<b>Department:</b> Parks and Recreation	<b>Program:</b> Fish Hatchery Operation	<b>No:</b> 0002
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**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.

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**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.

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**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.

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<b>Impact/Output Measures</b>	<b>2004 Actual</b>	<b>2005 Actual</b>	<b>2006 Actual</b>	<b>2007 Estimated</b>	<b>2008 Budgeted</b>
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	85,000	90,000	90,000	90,000	90,000
Number of trees in Arboretum	170	180	180	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**

		2003	2004	2005	2006	2007	2007	2008
		Actual	Actual	Actual	Actual	Final Budget	Actual & Estimated	Final Budget
<b>Personnel Detail</b>		<b>Number of Permanent Positions</b>				<b># Salaries</b>	<b># Salaries</b>	<b># Salaries</b>
08M	Maintenance Worker 2	1.0	1.0	1.0	1.0	1.0 37,991	1.0 38,121	1.0 39,393
	<b>Total Positions</b>	1.0	1.0	1.0	1.0	1.0	1.0	1.0
<b>Account Detail</b>								
0002-02	PERMANENT WAGES	34,188	34,512	35,797	36,553	37,991	38,121	39,393
0002-06	PREMIUM PAY	1,509	1,089	1,107	1,751	3,000	1,093	3,000
0002-11	SHIFT DIFFERENTIAL	-	-	20	24	300	14	300
0002-12	FICA	2,731	2,724	2,825	2,932	3,159	2,916	3,266
0002-14	PENSION	900	610	759	803	2,944	3,400	3,400
0002-16	INSURANCE - EMPLOYEE GRP	8,291	9,038	10,393	12,056	12,056	12,056	12,032
	<b>Personnel</b>	<b>47,618</b>	<b>47,973</b>	<b>50,901</b>	<b>54,119</b>	<b>59,450</b>	<b>57,600</b>	<b>61,391</b>
0002-20	ELECTRIC POWER	4,996	4,977	5,000	5,250	5,513	5,238	6,616
0002-30	RENTALS	1,197	1,659	619	1,077	2,200	1,596	2,200
0002-42	REPAIRS & MAINTENANCE	915	165	-	738	1,353	-	1,353
	<b>Services &amp; Charges</b>	<b>7,108</b>	<b>6,801</b>	<b>5,619</b>	<b>7,065</b>	<b>9,066</b>	<b>6,834</b>	<b>10,169</b>
0002-54	REPAIR & MAINT SUPPLIES	945	415	700	1,129	1,150	850	1,350
0002-62	FUELS, OILS & LUBRICANTS	870	720	1,365	1,211	5,663	4,020	6,796
0002-68	OPERATING MATERIALS & SUPP	-	-	-	192	350	155	5,350
	<b>Materials &amp; Supplies</b>	<b>1,815</b>	<b>1,135</b>	<b>2,065</b>	<b>2,532</b>	<b>7,163</b>	<b>5,025</b>	<b>13,496</b>
0001-99	RESERVE FOR ENCUMBRANCES	-	-	350	268	-	-	-
	<b>Sundry</b>	<b>-</b>	<b>-</b>	<b>350</b>	<b>268</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total</b>	<b>FISH HATCHERY OPERATION</b>	<b>56,542</b>	<b>55,908</b>	<b>58,935</b>	<b>63,984</b>	<b>75,679</b>	<b>69,459</b>	<b>85,056</b>

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