

**LEHIGH COUNTY AUTHORITY
2020 BUDGET
BOARD PACK
10-07-2019 REVIEW**

Summary

**LEHIGH COUNTY AUTHORITY
2020 BUDGET
SUMMARY**

Budget Overview	Sub. Water	Sub. Wastewater	City Division	Total
Operating, Non-Operating & Other Revenue	11,518,510	17,492,436	40,257,288	69,268,234
Operating Expenses (net of depreciation)	7,334,728	12,355,646	18,659,910	38,350,284
Net Revenues Available for Debt Service	4,183,782	5,136,790	21,597,378	30,917,950
Debt Service	3,341,564	1,616,435	15,421,170	20,379,169
Debt Service Coverage Ratio (indenture based)	1.25	3.18	1.38	1.52

Capital Budget Overview	Sub. Water	Sub. Wastewater	City Division	Total
Capital Expenses	8,010,000	8,670,500	4,815,000	21,495,500
Funding from 2020 Revenue & Operating Reserves	842,218	2,846,282	4,451,024	8,139,524
Funding from Existing Project Reserves	2,048,282	-	363,976	2,412,258
Funding from New Borrowing	5,119,500	5,824,218	-	10,943,718
Year-End Project Reserve Balance	5,991,806	18,526,257	829,392	25,347,455

Total Cash Flow	Sub. Water	Sub. Wastewater	City Division	Total
Beginning Operations Cash Balance (2018 forecast)	3,644,120	5,469,433	6,590,618	15,704,171
2020 Surplus	65,718	2,674,073	4,998,150	7,737,941
Provided From (To) Capital	-	(2,000,000)	(2,500,000)	(4,500,000)
Ending Operations Cash Balance	3,709,838	6,143,506	9,088,768	18,942,112
Operating Days Cash on Hand	185	181	178	180
Project Reserve Balance	5,991,806	18,526,257	829,392	25,347,455
Other Reserves & Investments (includes restricted)	5,609,222	337,562	51,431,921	57,378,705
Ending Total Fund Balance - 2020 Budget	15,310,866	25,007,325	61,350,081	101,668,272

Ending Total Fund Balance - 2019 Forecast	17,359,148	7,522,470	58,207,131	83,088,749
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Consolidated

**LEHIGH COUNTY AUTHORITY
2020 BUDGET
CONDENSED**

SUBURBAN WATER	SUBURBAN WASTEWATER				CITY DIVISION				TOTAL LCA							
	2020 Budget	2019 Fcst	2019 Budget	2018 Actual	2020 Budget	2019 Fcst	2019 Budget	2018 Actual	2020 Budget	2019 Fcst	2019 Budget	2018 Actual	2020 Budget	2019 Fcst	2019 Budget	2018 Actual
INCOME STATEMENT (\$)																
Operating Revenues	10,582,010	9,997,745	9,989,588	9,348,885	16,446,154	14,425,933	13,676,460	14,014,429	38,712,488	37,621,337	37,589,912	34,644,662	65,740,652	62,045,015	61,255,960	58,007,976
Operating Expenses	10,084,728	9,173,301	9,173,554	8,503,040	16,958,646	16,583,321	15,340,845	15,348,875	24,539,910	23,985,365	23,634,713	23,075,025	51,583,284	49,741,987	48,149,112	46,926,940
Operating Income	497,282	824,444	816,034	845,845	(512,492)	(2,157,388)	(1,664,385)	(1,334,446)	14,172,578	13,635,972	13,955,199	11,569,637	14,157,368	12,303,028	13,106,848	11,081,036
Non-Operating Revenues (Expenses)	773,100	772,723	743,000	494,641	(153,718)	(416,487)	(1,385,510)	531,113	176,884	205,583	566,200	58,994	796,266	561,819	(76,310)	1,084,748
Income Before Interest	1,270,382	1,597,167	1,559,034	1,340,486	(666,210)	(2,573,875)	(3,049,895)	(803,333)	14,349,462	13,841,555	14,521,399	11,628,631	14,953,634	12,864,847	13,030,538	12,165,784
Interest Income	160,000	158,937	144,000	255,439	200,000	266,086	75,000	222,306	900,000	1,164,612	400,000	1,047,630	1,260,000	1,589,635	619,000	1,525,375
Interest Expense	(1,508,789)	(1,496,071)	(1,466,582)	(1,576,659)	(803,082)	(2,081,913)	(206,346)	(197,000)	(19,356,023)	(18,943,851)	(18,956,576)	(18,810,413)	(21,667,894)	(20,648,835)	(20,629,504)	(20,584,072)
Income Before Capital Contributions	(78,407)	260,033	236,452	19,266	(1,269,292)	(2,516,702)	(3,181,241)	(778,027)	(4,106,561)	(3,937,684)	(4,035,177)	(6,134,152)	(5,454,260)	(6,194,353)	(6,979,966)	(6,892,913)
Capital Contributions	-	-	-	1,793,798	-	-	-	34,894	-	-	-	-	-	-	-	1,828,692
Net Income	(78,407)	260,033	236,452	1,813,064	(1,269,292)	(2,516,702)	(3,181,241)	(743,133)	(4,106,561)	(3,937,684)	(4,035,177)	(6,134,152)	(5,454,260)	(6,194,353)	(6,979,966)	(5,064,221)
CASH FLOWS - INDIRECT (\$)																
Net Cash Provided By (Used In) Operating Activities	3,247,282	11,161,615	3,566,034	2,657,301	4,090,508	2,053,708	2,876,380	3,067,234	20,052,578	19,515,972	19,835,199	10,277,073	27,390,368	32,731,295	26,277,613	16,001,608
Net Cash Provided By (Used In) Non-Capital Financing Activities	-	-	-	(4,492,791)	200,000	266,086	75,000	222,306	366,742	639,570	(116,200)	536,070	566,742	905,836	(41,200)	(3,734,415)
Net Cash Provided By (Used In) Capital and Related Financing Activities	(5,455,564)	(10,694,163)	(12,659,242)	(8,047,342)	13,194,347	(10,333,642)	(11,689,486)	(2,807,035)	(17,276,370)	(18,020,154)	(18,115,261)	(17,028,073)	(9,537,587)	(39,047,959)	(42,463,989)	(27,882,450)
Net Cash Provided By (Used In) Investing Activities	160,000	2,730,195	6,714,850	9,594,936	-	6,455,704	3,500,000	2,051,459	-	-	-	3,999,840	160,000	9,185,899	10,214,850	15,646,235
Net Increase (Decrease) in Cash	(2,048,282)	3,197,647	(2,378,358)	(287,896)	17,484,855	(1,558,144)	(5,238,106)	2,533,964	3,142,950	2,135,568	1,603,738	(2,215,090)	18,579,523	3,775,071	(6,012,726)	30,978
Cash - Beginning of Year	13,333,626	10,135,979	10,135,979	10,423,875	7,522,470	9,080,614	9,080,614	6,546,650	54,266,491	52,130,923	52,130,923	54,346,013	75,122,587	71,347,516	71,347,516	71,316,538
Cash - End of Year	11,285,344	13,333,626	7,757,621	10,135,979	25,007,325	7,522,470	3,842,508	9,080,614	57,409,441	54,266,491	53,734,661	52,130,923	93,702,110	75,122,587	65,334,790	71,347,516
CASH FLOW - DIRECT (\$)																
Operating Revenues	10,582,010	9,997,745	9,989,588	9,348,885	16,446,154	14,425,933	13,676,460	14,014,429	38,712,488	37,621,337	37,589,912	34,644,662	65,740,652	62,045,015	61,255,960	58,007,976
Operating Expenses (ex D&A)	(7,334,728)	(6,423,307)	(6,423,554)	(5,734,907)	(12,355,646)	(11,980,997)	(10,800,080)	(10,858,478)	(18,659,910)	(18,105,365)	(17,754,713)	(17,210,592)	(38,350,284)	(36,509,669)	(34,978,347)	(33,803,977)
Cash From Operations	3,247,282	3,574,438	3,566,034	3,613,978	4,090,508	2,444,936	2,876,380	3,155,951	20,052,578	19,515,972	19,835,199	17,434,070	27,390,368	25,535,346	26,277,613	24,203,999
Interest Received	160,000	158,937	144,000	255,439	200,000	266,086	75,000	222,306	900,000	1,164,612	400,000	1,047,630	1,260,000	1,589,635	619,000	1,525,375
Cash Available for Debt Service	3,407,282	3,733,375	3,710,034	3,869,417	4,290,508	2,711,022	2,951,380	3,378,257	20,952,578	20,680,584	20,235,199	18,481,700	28,650,368	27,124,981	26,896,613	25,729,374
Debt Service	(3,341,564)	(3,220,615)	(3,191,702)	(3,193,013)	(1,616,435)	(693,413)	(684,476)	(681,839)	(15,421,170)	(14,961,810)	(14,956,576)	(31,782,722)	(20,379,169)	(18,875,838)	(18,832,754)	(35,657,574)
Net Cash Available After Debt Service	65,718	512,760	518,332	676,404	2,674,073	2,017,609	2,266,904	2,696,418	5,531,408	5,718,774	5,278,623	(13,301,022)	8,271,199	8,249,143	8,063,859	(9,928,200)
Non-Operating Revenues (Expenses)	776,500	776,114	719,000	576,783	846,282	1,812,063	825,000	561,989	644,800	476,511	(268,800)	3,501,111	2,267,582	3,064,718	1,275,200	4,639,883
Changes in Working Capital	-	7,587,177	-	(5,531,610)	-	(391,228)	-	(88,717)	-	-	-	(7,156,997)	-	7,195,949	-	(12,777,324)
Net Cash Available For Capital Financing & Investment Activity	842,218	8,876,051	1,237,332	(4,278,423)	3,520,355	3,438,444	3,091,904	3,169,690	6,176,208	6,195,315	5,009,823	(16,956,908)	10,538,781	18,509,810	9,339,059	(18,065,641)
Capital Spending	(8,010,000)	(8,249,662)	(10,210,540)	(5,348,970)	(8,670,500)	(11,452,292)	(11,831,010)	(2,687,185)	(4,815,000)	(3,724,885)	(5,369,885)	(7,853,989)	(21,495,500)	(23,426,839)	(27,411,435)	(15,890,144)
Net Cash Flow	(2,048,282)	3,197,647	(2,378,358)	(287,896)	17,484,855	(1,558,144)	(5,238,106)	2,533,964	3,142,950	2,135,568	1,603,738	(2,215,090)	18,579,523	3,775,071	(6,012,726)	30,978
Beginning Balance	13,333,626	10,135,979	10,135,979	10,423,875	7,522,470	9,080,614	9,080,614	6,546,650	54,266,491	52,130,923	52,130,923	54,346,013	75,122,587	71,347,516	71,347,516	71,316,538
Ending Balance	11,285,344	13,333,626	7,757,621	10,135,979	25,007,325	7,522,470	3,842,508	9,080,614	57,409,441	54,266,491	53,734,661	52,130,923	93,702,110	75,122,587	65,334,790	71,347,516
DEBT SERVICE COVERAGE RATIO	1.25	1.40	1.39	1.39	3.18	6.52	5.52	5.78	1.38	1.59	1.31	1.66	1.50	1.75	1.47	1.77
BALANCE SHEET (\$)																
Assets and Deferred Outflows																
Cash and Cash Equivalents	9,701,644	11,749,926	8,552,279	7,149,290	24,669,763	7,184,908	8,743,052	8,743,052	9,918,160	6,775,210	4,639,642	4,639,642	44,289,567	25,710,044	21,934,974	21,934,974
Investments - Unrestricted	1,785,733	1,785,733	4,356,991	4,356,991	-	-	6,455,704	6,455,704	-	-	-	-	1,785,733	1,785,733	10,812,695	10,812,695
Other Current Assets	2,085,077	2,085,077	9,672,254	9,672,254	7,908,990	7,908,990	7,517,762	7,517,762	11,229,982	11,229,982	11,229,982	11,229,982	21,224,049	21,224,049	28,419,998	28,419,998
Cash and Cash Equivalents - Restricted	1,583,700	1,583,700	1,583,700	1,583,700	337,562	337,562	337,562	337,562	47,491,281	47,491,281	47,491,281	47,491,281	49,412,543	49,412,543	49,412,543	49,412,543
Investments - Restricted	2,239,789	2,239,789	2,239,789	2,239,789	-	-	-	-	3,940,640	3,940,640	3,940,640	3,940,640	6,180,429	6,180,429	6,180,429	6,180,429
Other Restricted Assets	4,386,200	4,386,200	4,386,200	4,386,200	-	-	-	-	-	-	-	-	4,386,200	4,386,200	4,386,200	4,386,200
Capital Assets, net of Accumulated Depreciation	125,868,825	120,412,225	114,915,948	114,915,948	93,375,211	90,307,711	85,686,293	85,686,293	35,464	383,380	999,453	999,453	219,079,500	211,103,316	201,601,694	201,601,694
Other Long-Term Assets	761,457	761,457	761,457	761,457	1,959,110	1,959,110	1,959,110	1,959,110	233,959,205	241,854,949	246,854,949	246,854,949	236,679,772	244,575,516	249,575,516	249,575,516
Deferred Outflows	1,002,128	1,002,128	1,002,128	1,002,128	256,424	256,424	256,424	256,424	1,891,432	1,891,432	1,891,432	1,891,432	3,149,984	3,149,984	3,149,984	3,149,984
Total Assets and Deferred Outflows	149,214,553	146,006,235	147,470,746	147,470,746	128,507,060	107,954,705	110,955,907	110,955,907	308,466,164	313,566,874	317,047,379	317,047,379	586,187,777	567,527,814	575,474,032	575,474,032
Liabilities and Net Position																
Current Liabilities	3,490,189	3,490,189	3,490,189	3,490,189	3,216,808	3,216,808	3,216,808	3,216,808	5,143,326	5,143,326	5,143,326	5,143,326	11,850,323	11,850,323	11,850,323	11,850,323
Long-Term Liabilities	47,102,291	43,815,566	45,540,110	45,540,110	29,213,574	7,391,927	7,876,427	7,876,427	362,624,526	363,618,675	363,161,496	363,161,496	438,940,391	414,826,168	416,578,033	416,578,033
Net Position	98,622,073	98,700,480	98,440,447	98,440,447	96,076,678	97,345,970	99,862,672	99,862,672	(59,301,688)	(55,195,127)	(51,257,443)	(51,257,443)	135,397,063	140,851,323	147,045,676	147,045,676
Total Liabilities and Net Position	149,214,553	146,006,235	147,470,746	147,470,746	128,507,060	107,954,705	110,955,907	110,955,907	308,466,164	313,566,874	317,047,379	317,047,379	586,187,777	567,527,814	575,474,032	575,474,032

**LEHIGH COUNTY AUTHORITY
2020 BUDGET
CASH FLOW (DIRECT)**

SUSD	SUBURBAN WATER				SUBURBAN WASTEWATER				CITY DIVISION				TOTAL LCA			
	2020 Budget	2019 Fcst	2019 Budget	2018 Actual	2020 Budget	2019 Fcst	2019 Budget	2018 Actual	2020 Budget	2019 Fcst	2019 Budget	2018 Actual	2020 Budget	2019 Fcst	2019 Budget	2018 Actual
OPERATING REVENUES																
Charges for Services	10,370,176	9,785,911	9,772,570	9,209,531	16,446,154	14,425,933	13,676,460	14,014,429	38,637,488	37,546,337	37,514,912	34,590,898	65,453,818	61,758,181	60,963,942	57,814,858
Rent	111,213	111,213	87,860	98,405	-	-	-	-	-	-	-	-	111,213	111,213	87,860	98,405
Other income	100,621	100,621	129,158	40,949	-	-	-	-	75,000	75,000	75,000	53,764	175,621	175,621	204,158	94,713
Total Operating Revenues	10,582,010	9,997,745	9,989,588	9,348,885	16,446,154	14,425,933	13,676,460	14,014,429	38,712,488	37,621,337	37,589,912	34,644,662	65,740,652	62,045,015	61,255,960	58,007,976
OPERATING EXPENSES (CASH BASED)																
Salaries and Wages	(1,245,079)	(1,022,669)	(1,020,940)	(1,037,882)	(574,986)	(556,785)	(420,095)	(462,145)	(5,547,898)	(5,606,749)	(5,653,796)	(5,396,761)	(7,367,963)	(7,186,203)	(7,094,831)	(6,896,788)
General and Administrative	(2,054,980)	(1,527,328)	(1,399,959)	(1,261,241)	(870,253)	(659,594)	(474,363)	(580,467)	(6,939,978)	(6,761,873)	(6,407,601)	(5,713,940)	(9,865,211)	(8,948,795)	(8,281,923)	(7,555,648)
Utilities	(596,540)	(601,683)	(592,750)	(437,253)	(464,325)	(422,393)	(338,035)	(290,201)	(2,141,069)	(2,118,481)	(2,095,255)	(2,040,103)	(3,201,934)	(3,142,557)	(3,026,040)	(2,767,557)
Materials and Supplies	(563,005)	(492,663)	(504,580)	(294,937)	(430,139)	(350,914)	(459,324)	(264,744)	(1,688,624)	(1,574,483)	(1,597,216)	(1,267,835)	(2,681,768)	(2,418,060)	(2,561,120)	(1,827,516)
Miscellaneous Services	(2,875,124)	(2,778,964)	(2,905,325)	(2,703,594)	(6,688,264)	(6,445,866)	(6,458,708)	(5,717,168)	(2,330,341)	(2,031,779)	(1,988,845)	(2,782,126)	(11,893,729)	(11,256,609)	(11,352,878)	(11,202,888)
Treatment and Transportation	-	-	-	-	(3,327,679)	(3,545,445)	(2,649,555)	(3,543,753)	(12,000)	(12,000)	(12,000)	(9,827)	(3,339,679)	(3,557,445)	(2,661,555)	(3,553,580)
Total Operating Expenses	(7,334,728)	(6,423,307)	(6,423,554)	(5,734,907)	(12,355,646)	(11,980,997)	(10,800,080)	(10,858,478)	(18,659,910)	(18,105,365)	(17,754,713)	(17,210,592)	(38,350,284)	(36,509,669)	(34,978,347)	(33,803,977)
CASH FROM OPERATIONS	3,247,282	3,574,438	3,566,034	3,613,978	4,090,508	2,444,936	2,876,380	3,155,951	20,052,578	19,515,972	19,835,199	17,434,070	27,390,368	25,535,346	26,277,613	24,203,999
Interest Received	160,000	158,937	144,000	255,439	200,000	266,086	75,000	222,306	900,000	1,164,612	400,000	1,047,630	1,260,000	1,589,635	619,000	1,525,375
CASH AVAILABLE FOR DEBT SERVICE	3,407,282	3,733,375	3,710,034	3,869,417	4,290,508	2,711,022	2,951,380	3,378,257	20,952,578	20,680,584	20,235,199	18,481,700	28,650,368	27,124,981	26,896,613	25,729,374
DEBT SERVICE																
Interest and Fees Paid	(1,508,789)	(1,496,071)	(1,466,582)	(1,499,805)	(803,082)	(208,913)	(206,346)	(197,000)	(13,978,238)	(14,961,810)	(14,956,576)	(13,047,722)	(16,290,109)	(16,666,794)	(16,629,504)	(14,744,527)
Principal Paid	(1,832,775)	(1,724,544)	(1,725,120)	(1,693,208)	(813,353)	(484,500)	(478,130)	(484,839)	(1,442,932)	-	-	(18,735,000)	(4,089,060)	(2,209,044)	(2,203,250)	(20,913,047)
Total Debt Service	(3,341,564)	(3,220,615)	(3,191,702)	(3,193,013)	(1,616,435)	(693,413)	(684,476)	(681,839)	(15,421,170)	(14,961,810)	(14,956,576)	(31,782,722)	(20,379,169)	(18,875,838)	(18,832,754)	(35,657,574)
NET CASH AVAILABLE AFTER DEBT SERVICE	65,718	512,760	518,332	676,404	2,674,073	2,017,609	2,266,904	2,696,418	5,531,408	5,718,774	5,278,623	(13,301,022)	8,271,199	8,249,143	8,063,859	(9,928,200)
NON-OPERATING REVENUES (EXPENSES)																
Tapping and Capital Recovery Fees	472,000	471,990	467,000	221,405	800,000	1,744,841	800,000	523,526	416,500	415,294	324,000	1,360,605	1,688,500	2,632,125	1,591,000	2,105,536
Meter Sales	108,000	107,907	108,000	85,259	-	-	-	-	13,200	13,159	13,200	8,397	121,200	121,066	121,200	93,656
Inspection, Plan Reviews, and Project Reimbursements	161,000	160,772	144,000	183,148	45,282	20,282	25,000	37,773	2,495,100	199,846	1,852,000	913,550	2,701,382	380,900	2,021,000	1,134,471
Other Income	35,500	35,445	24,000	86,971	1,000	46,940	1,000	690	35,000	34,742	22,000	1,587,086	71,500	117,127	47,000	1,674,747
Less: Project Reimbursement	-	-	(24,000)	-	-	-	(1,000)	-	(2,315,000)	(190,000)	(2,480,000)	(372,527)	(2,315,000)	(190,000)	(2,505,000)	(372,527)
Other Expense	(3,400)	(3,391)	-	(82,142)	(1,000,000)	(2,228,550)	(2,211,510)	(30,876)	(2,782,916)	(453,958)	(1,645,000)	(3,525,992)	(3,786,316)	(2,685,899)	(3,856,510)	(3,639,010)
Less: Expensed Capex	3,400	3,391	-	82,142	1,000,000	2,228,550	2,211,510	30,876	2,782,916	457,458	1,645,000	3,529,992	3,786,316	2,689,399	3,856,510	3,643,010
Total Non-Operating Revenues (Expenses)	776,500	776,114	719,000	576,783	846,282	1,812,063	825,000	561,989	644,800	476,541	(268,800)	3,501,111	2,267,582	3,064,718	1,275,200	4,639,883
Changes in Assets and Liabilities	-	7,587,177	-	(5,531,610)	-	(391,228)	-	(88,717)	-	-	-	(7,156,997)	-	7,195,949	-	(12,777,324)
NET CASH AVAILABLE FOR CAPITAL	842,218	8,876,051	1,237,332	(4,278,423)	3,520,355	3,438,444	3,091,904	3,169,690	6,176,208	6,195,315	5,009,823	(16,956,908)	10,538,781	18,509,810	9,339,059	(18,065,641)
FINANCING AND INVESTMENT ACTIVITY																
Grants Received	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Borrowing	5,119,500	-	-	-	22,635,000	-	-	-	-	-	-	18,735,000	27,754,500	-	-	18,735,000
Investments Converted to Cash	-	2,571,258	6,570,850	11,501,487	-	6,455,704	3,500,000	5,206,318	-	-	-	3,999,840	-	9,026,962	10,070,850	20,707,845
New Investments From Cash	-	-	-	(2,161,990)	-	-	-	(3,154,859)	-	-	-	-	-	-	-	(5,316,849)
Annual Lease Payments	-	-	-	-	-	-	-	-	(533,258)	(524,862)	(516,200)	(511,560)	(533,258)	(524,862)	(516,200)	(511,560)
Project Reimbursements	-	-	24,000	-	-	-	1,000	-	2,315,000	190,000	2,480,000	372,527	2,315,000	190,000	2,505,000	372,527
Total Financing & Investment Activity	5,119,500	2,571,258	6,594,850	9,339,497	22,635,000	6,455,704	3,501,000	2,051,459	1,781,742	(334,862)	1,963,800	22,595,807	29,536,242	8,692,100	12,059,650	33,986,763

LEHIGH COUNTY AUTHORITY
2020 BUDGET
CASH FLOW (DIRECT)

\$USD	SUBURBAN WATER				SUBURBAN WASTEWATER				CITY DIVISION				TOTAL LCA			
	2020 Budget	2019 Fcst	2019 Budget	2018 Actual	2020 Budget	2019 Fcst	2019 Budget	2018 Actual	2020 Budget	2019 Fcst	2019 Budget	2018 Actual	2020 Budget	2019 Fcst	2019 Budget	2018 Actual
CAPITAL SPENDING																
Net Capital Spending	(8,006,600)	(8,246,271)	(10,210,540)	(5,266,828)	(7,670,500)	(9,223,742)	(9,619,500)	(2,656,309)	(2,032,084)	(3,267,427)	(3,724,885)	(4,323,997)	(17,709,184)	(20,737,440)	(23,554,925)	(12,247,134)
Add: Expensed Capex	(3,400)	(3,391)	-	(82,142)	(1,000,000)	(2,228,550)	(2,211,510)	(30,876)	(2,782,916)	(457,458)	(1,645,000)	(3,529,992)	(3,786,316)	(2,689,399)	(3,856,510)	(3,643,010)
Total Capital Spending	(8,010,000)	(8,249,662)	(10,210,540)	(5,348,970)	(8,670,500)	(11,452,292)	(11,831,010)	(2,687,185)	(4,815,000)	(3,724,885)	(5,369,885)	(7,853,989)	(21,495,500)	(23,426,839)	(27,411,435)	(15,890,144)
NET CASH FLOW TO FUND	(2,048,282)	3,197,647	(2,378,358)	(287,896)	17,484,855	(1,558,144)	(5,238,106)	2,533,964	3,142,950	2,135,568	1,603,738	(2,215,090)	18,579,523	3,775,071	(6,012,726)	30,978
DEBT SERVICE RATIO (INDENTURE BASED)																
Total Operating Revenues	10,582,010	9,997,745	9,989,588	9,348,885	16,446,154	14,425,933	13,676,460	14,014,429	38,712,488	37,621,337	37,589,912	34,644,662	65,740,652	62,045,015	61,255,960	58,007,976
Total Operating Expenses (Cash Based)	(7,334,728)	(6,423,307)	(6,423,554)	(5,734,907)	(12,355,646)	(11,980,997)	(10,800,080)	(10,858,478)	(18,659,910)	(18,036,655)	(17,680,046)	(17,056,166)	(38,350,284)	(36,440,959)	(34,903,680)	(33,649,551)
Interest Income	160,000	158,937	144,000	255,439	200,000	266,086	75,000	222,306	900,000	1,164,612	400,000	1,047,630	1,260,000	1,589,635	619,000	1,525,375
Annual Lease Payment (City)	-	-	-	-	-	-	-	-	(533,258)	(524,862)	(516,200)	(511,560)	(533,258)	(524,862)	(516,200)	(511,560)
Total Non-Operating Revenues (Expenses)	776,500	776,114	719,000	576,783	846,282	1,812,063	825,000	561,989	815,040	476,695	(268,621)	3,501,111	2,437,822	3,064,872	1,275,379	4,639,883
Cash Available For Debt Service	4,183,782	4,509,489	4,429,034	4,446,200	5,136,790	4,523,085	3,776,380	3,940,246	21,234,360	20,701,127	19,525,045	21,625,677	30,554,932	29,733,701	27,730,459	30,012,123
Total Debt Service	3,341,564	3,220,615	3,191,702	3,193,013	1,616,435	693,413	684,476	681,839	15,421,170	13,047,722	14,956,576	13,047,722	20,379,169	16,961,750	18,832,754	16,922,574
Debt Service Ratio	1.25	1.40	1.39	1.39	3.18	6.52	5.52	5.78	1.38	1.59	1.31	1.66	1.50	1.75	1.47	1.77
CAPITAL COVERAGE RATIO																
Adjusted Net Available for Capital	842,218	1,288,874	1,261,332	1,253,187	3,520,355	3,438,444	3,092,904	3,169,690	8,491,208	6,385,315	7,489,823	2,150,619	12,853,781	11,112,633	11,844,059	6,573,496
Total Capex	8,010,000	8,249,662	10,210,540	5,348,970	8,670,500	11,452,292	11,831,010	2,687,185	4,815,000	3,724,885	5,369,885	7,853,989	21,495,500	23,426,839	27,411,435	15,890,144
Capital Coverage Ratio	0.11	0.16	0.12	0.23	0.41	0.30	0.26	1.18	1.76	1.71	1.39	0.27	0.60	0.47	0.43	0.41

LEHIGH COUNTY AUTHORITY
2020 BUDGET
STATEMENT OF CHANGES IN NET POSITION

USD	SUBURBAN WATER				SUBURBAN WASTEWATER				CITY DIVISION				TOTAL LCA			
	2020 Budget	2019 Fcst	2019 Budget	2018 Actual	2020 Budget	2019 Fcst	2019 Budget	2018 Actual	2020 Budget	2019 Fcst	2019 Budget	2018 Actual	2020 Budget	2019 Fcst	2019 Budget	2018 Actual
OPERATING REVENUES																
Charges for Services	10,370,176	9,785,911	9,772,570	9,209,531	16,446,154	14,425,933	13,676,460	14,014,429	38,637,488	37,546,337	37,514,912	34,590,898	65,453,818	61,758,181	60,963,942	57,814,858
Rent	111,213	111,213	87,860	98,405	-	-	-	-	-	-	-	-	111,213	111,213	87,860	98,405
Other income	100,621	100,621	129,158	40,949	-	-	-	-	75,000	75,000	75,000	53,764	175,621	175,621	204,158	94,713
Total Operating Revenues	10,582,010	9,997,745	9,989,588	9,348,885	16,446,154	14,425,933	13,676,460	14,014,429	38,712,488	37,621,337	37,589,912	34,644,662	65,740,652	62,045,015	61,255,960	58,007,976
OPERATING EXPENSES																
Salaries and Wages	1,245,079	1,022,669	1,020,940	1,037,882	574,986	556,785	420,095	462,145	5,547,898	5,606,749	5,653,796	5,396,761	7,367,963	7,186,203	7,094,831	6,896,788
General and Administrative	2,054,980	1,527,328	1,399,959	1,261,241	870,253	659,594	474,363	580,467	6,939,978	6,761,873	6,407,601	5,713,940	9,865,211	8,948,795	8,281,923	7,555,648
Utilities	596,540	601,683	592,750	437,253	464,325	422,393	338,035	290,201	2,141,069	2,118,481	2,095,255	2,040,103	3,201,934	3,142,557	3,026,040	2,767,557
Materials and Supplies	563,005	492,663	504,580	294,937	430,139	350,914	459,324	264,744	1,688,624	1,574,483	1,597,216	1,267,835	2,681,768	2,418,060	2,561,120	1,827,516
Miscellaneous Services	2,875,124	2,778,964	2,905,325	2,703,594	6,688,264	6,445,866	6,458,708	5,717,168	2,330,341	2,031,779	1,988,845	2,782,126	11,893,729	11,256,609	11,352,878	11,202,888
Treatment and Transportation	-	-	-	-	3,327,679	3,545,445	2,649,555	3,543,753	12,000	12,000	12,000	9,827	3,339,679	3,557,445	2,661,555	3,553,580
Depreciation and Amortization	2,750,000	2,749,994	2,750,000	2,768,133	4,603,000	4,602,324	4,540,765	4,490,397	5,880,000	5,880,000	5,880,000	5,864,433	13,233,000	13,232,318	13,170,765	13,122,963
Total Operating Expenses	10,084,728	9,173,301	9,173,554	8,503,040	16,958,646	16,583,321	15,340,845	15,348,875	24,539,910	23,985,365	23,634,713	23,075,025	51,583,284	49,741,987	48,149,112	46,926,940
Operating Income (Loss)	497,282	824,444	816,034	845,845	(512,492)	(2,157,388)	(1,664,385)	(1,334,446)	14,172,578	13,635,972	13,955,199	11,569,637	14,157,368	12,303,028	13,106,848	11,081,036
NON-OPERATING REVENUES (EXPENSES)																
Tapping and Capital Recovery Fees	472,000	471,990	467,000	221,405	800,000	1,744,841	800,000	523,526	416,500	415,294	324,000	1,360,605	1,688,500	2,632,125	1,591,000	2,105,536
Meter Sales	108,000	107,907	108,000	85,259	-	-	-	-	13,200	13,159	13,200	8,397	121,200	121,066	121,200	93,656
Inspection, Plan Reviews, and Project Reimbursements	161,000	160,772	144,000	183,148	45,282	20,282	25,000	37,773	2,495,100	199,846	1,852,000	913,550	2,701,382	380,900	2,021,000	1,134,471
Other Income	35,500	35,445	24,000	86,971	1,000	46,940	1,000	690	35,000	34,742	22,000	1,587,086	71,500	117,127	47,000	1,674,747
Other Expense	(3,400)	(3,391)	-	(82,142)	(1,000,000)	(2,228,550)	(2,211,510)	(30,876)	(2,782,916)	(457,458)	(1,645,000)	(3,810,644)	(3,786,316)	(2,689,399)	(3,856,510)	(3,923,662)
Total Non-Operating Revenues (Expenses)	773,100	772,723	743,000	494,641	(153,718)	(416,487)	(1,385,510)	531,113	176,884	205,583	566,200	58,994	796,266	561,819	(76,310)	1,084,748
Income Before Interest	1,270,382	1,597,167	1,559,034	1,340,486	(666,210)	(2,573,875)	(3,049,895)	(803,333)	14,349,462	13,841,555	14,521,399	11,628,631	14,953,634	12,864,847	13,030,538	12,165,784
Interest Income	160,000	158,937	144,000	255,439	200,000	266,086	75,000	222,306	900,000	1,164,612	400,000	1,047,630	1,260,000	1,589,635	619,000	1,525,375
Interest Expense	(1,508,789)	(1,496,071)	(1,466,582)	(1,576,659)	(803,082)	(208,913)	(206,346)	(197,000)	(19,356,023)	(18,943,851)	(18,956,576)	(18,810,413)	(21,667,894)	(20,648,835)	(20,629,504)	(20,584,072)
Increase (Decrease) in Net Position Before Capital Contributions	(78,407)	260,033	236,452	19,266	(1,269,292)	(2,516,702)	(3,181,241)	(778,027)	(4,106,561)	(3,937,684)	(4,035,177)	(6,134,152)	(5,454,260)	(6,194,353)	(6,979,966)	(6,892,913)
CAPITAL CONTRIBUTIONS																
Capital Grants	-	-	-	212,688	-	-	-	-	-	-	-	-	-	-	-	212,688
Capital Assets Provided	-	-	-	1,581,110	-	-	-	34,894	-	-	-	-	-	-	-	1,616,004
Total Capital Contributions	-	-	-	1,793,798	-	-	-	34,894	-	-	-	-	-	-	-	1,828,692
INCREASE (DECREASE) IN NET POSITION	(78,407)	260,033	236,452	1,813,064	(1,269,292)	(2,516,702)	(3,181,241)	(743,133)	(4,106,561)	(3,937,684)	(4,035,177)	(6,134,152)	(5,454,260)	(6,194,353)	(6,979,966)	(5,064,221)
Net Position Beginning of Year	98,700,480	98,440,447	98,440,447	96,627,383	97,345,970	99,862,672	99,862,672	100,605,805	(55,195,127)	(51,257,443)	(51,257,443)	(45,123,291)	140,851,323	147,045,676	147,045,676	152,109,897
Cumulative Changes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NET POSITION AT END OF YEAR	98,622,073	98,700,480	98,676,899	98,440,447	96,076,678	97,345,970	96,681,431	99,862,672	(59,301,688)	(55,195,127)	(55,292,620)	(51,257,443)	135,397,063	140,851,323	140,065,710	147,045,676

**LEHIGH COUNTY AUTHORITY
2020 BUDGET
CASH FLOW (INDIRECT)**

\$USD	SUBURBAN WATER				SUBURBAN WASTEWATER				CITY DIVISION				TOTAL LCA			
	2020	2019	2019	2018	2020	2019	2019	2018	2020	2019	2019	2018	2020	2019	2019	2018
	Budget	Fcst	Budget	Actual	Budget	Fcst	Budget	Actual	Budget	Fcst	Budget	Actual	Budget	Fcst	Budget	Actual
CASH FLOWS FROM OPERATING ACTIVITIES																
Operating Income (Loss)	497,282	824,444	816,034	845,845	(512,492)	(2,157,388)	(1,664,385)	(1,334,446)	14,172,578	13,635,972	13,955,199	11,569,637	14,157,368	12,303,028	13,106,848	11,081,036
Adjustments:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Depreciation and Amortization	2,750,000	2,749,994	2,750,000	2,768,133	4,603,000	4,602,324	4,540,765	4,490,397	5,880,000	5,880,000	5,880,000	5,864,433	13,233,000	13,232,318	13,170,765	13,122,963
Changes in Assets and Liabilities	-	7,587,177	-	(956,677)	-	(391,228)	-	(88,717)	-	-	-	(7,156,997)	-	7,195,949	-	(8,202,391)
Net Cash Provided By (Used In) Operating Activities	3,247,282	11,161,615	3,566,034	2,657,301	4,090,508	2,053,708	2,876,380	3,067,234	20,052,578	19,515,972	19,835,199	10,277,073	27,390,368	32,731,295	26,277,613	16,001,608
CASH FLOWS FROM NON-CAPITAL FINANCING ACTIVITIES																
Interest Received	-	-	-	-	200,000	266,086	75,000	222,306	900,000	1,164,612	400,000	1,047,630	1,100,000	1,430,698	475,000	1,269,936
Facility Improvements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Annual Lease Payments	-	-	-	-	-	-	-	-	(533,258)	(524,862)	(516,200)	(511,560)	(533,258)	(524,862)	(516,200)	(511,560)
Transfers From/To	-	-	-	(4,492,791)	-	-	-	-	-	-	-	-	-	-	-	(4,492,791)
Net Cash Provided By (Used In) Non-Capital Financing Activities	-	-	-	(4,492,791)	200,000	266,086	75,000	222,306	366,742	639,750	(116,200)	536,070	566,742	905,836	(41,200)	(3,734,415)
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES																
Non-Operating Revenues Received	776,500	776,114	743,000	494,641	846,282	1,812,063	826,000	561,989	2,959,800	666,541	2,211,200	3,873,638	4,582,582	3,254,718	3,780,200	4,930,268
Capital Spending	(8,010,000)	(8,249,662)	(10,210,540)	(5,348,970)	(8,670,500)	(11,452,292)	(11,831,010)	(2,687,185)	(4,815,000)	(3,724,885)	(5,369,885)	(7,853,989)	(21,495,500)	(23,426,839)	(27,411,435)	(15,890,144)
Borrowing Proceeds	5,119,500	-	-	-	22,635,000	-	-	-	-	-	-	18,735,000	27,754,500	-	-	18,735,000
Interest Payments	(1,508,789)	(1,496,071)	(1,466,582)	(1,499,805)	(803,082)	(208,913)	(206,346)	(197,000)	(13,978,238)	(14,961,810)	(14,956,576)	(13,047,722)	(16,290,109)	(16,666,794)	(16,629,504)	(14,744,527)
Principal Payments	(1,832,775)	(1,724,544)	(1,725,120)	(1,693,208)	(813,353)	(484,500)	(478,130)	(484,839)	(1,442,932)	-	-	(18,735,000)	(4,089,060)	(2,209,044)	(2,203,250)	(20,913,047)
Net Cash Provided By (Used In) Capital and Related Financing Activities	(5,455,564)	(10,694,163)	(12,659,242)	(8,047,342)	13,194,347	(10,333,642)	(11,689,486)	(2,807,035)	(17,276,370)	(18,020,154)	(18,115,261)	(17,028,073)	(9,537,587)	(39,047,959)	(42,463,989)	(27,882,450)
CASH FLOWS FROM INVESTING ACTIVITIES																
Investment Maturities	-	2,571,258	6,570,850	11,501,487	-	6,455,704	3,500,000	5,206,318	-	-	-	3,999,840	-	9,026,962	10,070,850	20,707,645
Investment Purchases	-	-	-	(2,161,990)	-	-	-	(3,154,859)	-	-	-	-	-	-	-	(5,316,849)
Interest Received on Investments	160,000	158,937	144,000	255,439	-	-	-	-	-	-	-	-	160,000	158,937	144,000	255,439
Net Cash Provided By (Used In) Investing Activities	160,000	2,730,195	6,714,850	9,594,936	-	6,455,704	3,500,000	2,051,459	-	-	-	3,999,840	160,000	9,185,899	10,214,850	15,646,235
NET INCREASE (DECREASE) IN CASH	(2,048,282)	3,197,647	(2,378,358)	(287,896)	17,484,855	(1,558,144)	(5,238,106)	2,533,964	3,142,950	2,135,568	1,603,738	(2,215,090)	18,579,523	3,775,071	(6,012,726)	30,978
Cash - Beginning of Year	13,333,626	10,135,979	10,135,979	10,423,875	7,522,470	9,080,614	9,080,614	6,546,650	54,266,491	52,130,923	52,130,923	54,346,013	75,122,587	71,347,516	71,347,516	71,316,538
CASH - END OF YEAR	11,285,344	13,333,626	7,757,621	10,135,979	25,007,325	7,522,470	3,842,508	9,080,614	57,409,441	54,266,491	53,734,661	52,130,923	93,702,110	75,122,587	65,334,790	71,347,516

LEHIGH COUNTY AUTHORITY
2020 BUDGET
BALANCE SHEET

\$USD	SUBURBAN WATER			SUBURBAN WASTEWATER			CITY DIVISION			TOTAL LCA		
	2020 Budget	2019 Fcst	2018 Actuals	2020 Budget	2019 Fcst	2018 Actuals	2020 Budget	2019 Fcst	2018 Actuals	2020 Budget	2019 Fcst	2018 Actuals
ASSETS AND DEFERRED OUTFLOWS												
CURRENT ASSETS												
Cash and Cash Equivalents	9,701,644	11,749,926	8,552,279	24,669,763	7,184,908	8,743,052	9,918,160	6,775,210	4,639,642	44,289,567	25,710,044	21,934,973
Certificates of Deposit	1,785,733	1,785,733	4,356,991	-	-	6,455,704	-	-	-	1,785,733	1,785,733	10,812,695
Accounts Receivable - Customers	1,652,884	1,652,884	1,663,830	4,118,091	4,118,091	3,726,863	6,606,583	6,606,583	6,606,583	12,377,558	12,377,558	11,997,276
Accounts Receivable - Financing Contracts	-	-	-	316,797	316,797	316,797	-	-	-	316,797	316,797	316,797
Accounts Receivable - Others	203,148	203,148	203,148	509,247	509,247	509,247	4,147,552	4,147,552	4,147,552	4,859,947	4,859,947	4,859,947
Due From (To) Other Funds	-	-	7,576,231	2,817,997	2,817,997	2,817,997	-	-	-	2,817,997	2,817,997	10,394,228
Inventories	16,190	16,190	16,190	-	-	-	-	-	-	16,190	16,190	16,190
Accrued Interest Receivable	14,724	14,724	14,724	23,832	23,832	23,832	100,851	100,851	100,851	139,407	139,407	139,407
Prepaid Expenses	198,131	198,131	198,131	123,026	123,026	123,026	374,996	374,996	374,996	696,153	696,153	696,153
Total Current Assets	13,572,454	15,620,736	22,581,524	32,578,753	15,093,898	22,716,518	21,148,142	18,005,192	15,869,624	67,299,349	48,719,826	61,167,666
NON-CURRENT ASSETS												
Restricted												
Cash and Cash Equivalents	1,583,700	1,583,700	1,583,700	337,562	337,562	337,562	47,491,281	47,491,281	47,491,281	49,412,543	49,412,543	49,412,543
Certificates of Deposit	25,522	25,522	25,522	-	-	-	-	-	-	25,522	25,522	25,522
Investment - US Treasury Obligations	2,214,267	2,214,267	2,214,267	-	-	-	3,940,640	3,940,640	3,940,640	6,154,907	6,154,907	6,154,907
Developer Escrow Deposits	4,386,200	4,386,200	4,386,200	-	-	-	-	-	-	4,386,200	4,386,200	4,386,200
Accrued Interest Receivable	-	-	-	-	-	-	-	-	-	-	-	-
Total Restricted Assets	8,209,689	8,209,689	8,209,689	337,562	337,562	337,562	51,431,921	51,431,921	51,431,921	59,979,172	59,979,172	59,979,172
Capital Assets												
Land	2,043,265	2,043,265	2,043,265	1,837,891	1,837,891	1,837,891	-	-	-	3,881,156	3,881,156	3,881,156
Construction in Progress	5,023,631	5,023,631	5,023,631	10,052,683	10,052,683	10,052,683	-	-	-	15,076,314	15,076,314	15,076,314
Wells and Reservoirs	9,554,770	9,554,770	9,554,770	3,494,643	3,494,643	3,494,643	-	-	-	13,049,413	13,049,413	13,049,413
Transmission and Distribution Mains	78,963,688	78,963,688	78,963,688	-	-	-	-	-	-	78,963,688	78,963,688	78,963,688
Service and Hydrants	17,144,642	17,144,642	17,144,642	-	-	-	-	-	-	17,144,642	17,144,642	17,144,642
Interceptor and Collector Systems	-	-	-	38,036,405	38,036,405	38,036,405	-	-	-	38,036,405	38,036,405	38,036,405
Buildings and Structures	23,632,286	23,632,286	23,632,286	54,910,406	54,910,406	54,910,406	-	-	-	78,542,692	78,542,692	78,542,692
Metering System	10,539,291	10,539,291	10,539,291	429,777	429,777	429,777	-	-	-	10,969,068	10,969,068	10,969,068
Equipment and Furnishings	23,535,963	15,529,363	7,283,092	39,446,165	31,775,665	22,551,923	8,488,911	6,456,827	3,192,900	71,471,039	53,761,855	33,027,915
Capacity	1,207,901	1,207,901	1,207,901	2,062,956	2,062,956	2,062,956	-	-	-	3,270,857	3,270,857	3,270,857
LESS: Accumulated Depreciation	(45,976,612)	(43,226,612)	(40,476,618)	(56,895,715)	(52,292,715)	(47,690,391)	(8,453,447)	(6,073,447)	(2,193,447)	(111,325,774)	(101,592,774)	(90,360,456)
Total Capital Assets	125,668,825	120,412,225	114,915,948	93,375,211	90,307,711	85,686,293	35,464	383,380	999,453	219,079,500	211,103,316	201,601,694
Other Assets												
Long-term Portion of Receivables and Financing Contracts	-	-	-	1,856,283	1,856,283	1,856,283	-	-	-	1,856,283	1,856,283	1,856,283
Intangible Service Concession Arrangement	-	-	-	-	-	-	232,056,776	239,952,520	244,952,520	232,056,776	239,952,520	244,952,520
OPEB Asset	736,708	736,708	736,708	-	-	-	-	-	-	736,708	736,708	736,708
Other Miscellaneous Assets	-	-	-	-	-	-	1,902,429	1,902,429	1,902,429	1,902,429	1,902,429	1,902,429
Facilities Planning Costs, Net	24,749	24,749	24,749	102,827	102,827	102,827	-	-	-	127,576	127,576	127,576
Total Other Assets	761,457	761,457	761,457	1,959,110	1,959,110	1,959,110	233,959,205	241,854,949	246,854,949	236,679,772	244,575,516	249,575,516
Total Non-Current Assets	134,639,971	129,383,371	123,887,094	95,671,883	92,604,383	87,982,965	285,426,590	293,670,250	299,286,323	515,738,444	515,658,004	511,156,382
TOTAL ASSETS	148,212,425	145,004,107	146,468,618	128,250,636	107,698,281	110,699,483	306,574,732	311,675,442	315,155,947	583,037,793	564,377,830	572,324,048
Deferred Outflows												
Pensions	883,237	883,237	883,237	256,424	256,424	256,424	1,891,432	1,891,432	1,891,432	3,031,093	3,031,093	3,031,093
Refunding Loss on Bonds	118,891	118,891	118,891	-	-	-	-	-	-	118,891	118,891	118,891
Total Deferred Outflows	1,002,128	1,002,128	1,002,128	256,424	256,424	256,424	1,891,432	1,891,432	1,891,432	3,149,984	3,149,984	3,149,984
TOTAL ASSETS AND DEFERRED OUTFLOWS	149,214,553	146,006,235	147,470,746	128,507,060	107,954,705	110,955,907	308,466,164	313,566,874	317,047,379	586,187,777	567,527,814	575,474,032

**LEHIGH COUNTY AUTHORITY
2020 BUDGET
CASH FLOW DETAILS**

\$USD	<u>SUBURBAN WATER</u>		<u>SUBURBAN WASTEWATER</u>		<u>CITY DIVISION</u>		<u>TOTAL LCA</u>	
	2020 Budget	2019 Fcst	2020 Budget	2019 Fcst	2020 Budget	2019 Fcst	2020 Budget	2019 Fcst
SUMMARY OF ACCOUNT FLOWS								
Cash - Operations	65,718	(4,908,159)	674,073	(3,273,619)	2,498,150	1,993,912	3,237,941	(6,187,866)
Cash - Project Reserves	(2,114,000)	8,105,806	16,810,782	1,715,475	644,800	141,656	15,341,582	9,962,937
Cash - Restricted	-	-	-	-	-	-	-	-
Total Cash Accounts	<u>(2,048,282)</u>	<u>3,197,647</u>	<u>17,484,855</u>	<u>(1,558,144)</u>	<u>3,142,950</u>	<u>2,135,568</u>	<u>18,579,523</u>	<u>3,775,071</u>
Investments - Operations	-	(2,571,258)	-	-	-	-	-	(2,571,258)
Investments - Project Reserves	-	-	-	(6,455,704)	-	-	-	(6,455,704)
Investments - Restricted	-	-	-	-	-	-	-	-
Total Investments	<u>-</u>	<u>(2,571,258)</u>	<u>-</u>	<u>(6,455,704)</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>(9,026,962)</u>
TOTAL FLOWS	<u>(2,048,282)</u>	<u>626,389</u>	<u>17,484,855</u>	<u>(8,013,848)</u>	<u>3,142,950</u>	<u>2,135,568</u>	<u>18,579,523</u>	<u>(5,251,891)</u>
SUMMARY OF ACCOUNT BALANCES								
Cash - Operations	3,709,838	3,644,120	6,143,506	5,469,433	9,088,768	6,590,618	18,942,112	15,704,171
Cash - Project Reserves	5,991,806	8,105,806	18,526,257	1,715,475	829,392	184,592	25,347,455	10,005,873
Cash - Restricted	1,583,700	1,583,700	337,562	337,562	47,491,281	47,491,281	49,412,543	49,412,543
Total Cash Accounts	<u>11,285,344</u>	<u>13,333,626</u>	<u>25,007,325</u>	<u>7,522,470</u>	<u>57,409,441</u>	<u>54,266,491</u>	<u>93,702,110</u>	<u>75,122,587</u>
Investments - Operations	785,733	785,733	-	-	-	-	785,733	785,733
Investments - Project Reserves	1,000,000	1,000,000	-	-	-	-	1,000,000	1,000,000
Investments - Restricted	2,239,789	2,239,789	-	-	3,940,640	3,940,640	6,180,429	6,180,429
Total Investments	<u>4,025,522</u>	<u>4,025,522</u>	<u>-</u>	<u>-</u>	<u>3,940,640</u>	<u>3,940,640</u>	<u>7,966,162</u>	<u>7,966,162</u>
TOTAL BALANCES	<u>15,310,866</u>	<u>17,359,148</u>	<u>25,007,325</u>	<u>7,522,470</u>	<u>61,350,081</u>	<u>58,207,131</u>	<u>101,668,272</u>	<u>83,088,749</u>
CASH & INVESTMENTS								
Operations	4,495,571	4,429,853	6,143,506	5,469,433	9,088,768	6,590,618	19,727,845	16,489,904
Capital Project Reserves	6,991,806	9,105,806	18,526,257	1,715,475	829,392	184,592	26,347,455	11,005,873
Total Unrestricted	11,487,377	13,535,659	24,669,763	7,184,908	9,918,160	6,775,210	46,075,300	27,495,777
Restricted	3,823,489	3,823,489	337,562	337,562	51,431,921	51,431,921	55,592,972	55,592,972
TOTAL	<u>15,310,866</u>	<u>17,359,148</u>	<u>25,007,325</u>	<u>7,522,470</u>	<u>61,350,081</u>	<u>58,207,131</u>	<u>101,668,272</u>	<u>83,088,749</u>
ENDING BALANCES - CASH & INVESTMENTS								
Operating Cash + Invest Days on Hand	223.7	251.7	181.5	166.6	177.8	132.9	187.8	164.9
Check	223.7	251.7	181.5	166.6	177.8	132.9	187.8	164.9

Internal Services

**LEHIGH COUNTY AUTHORITY
2020 BUDGET
INTERNAL SERVICES CONSOLIDATED**

	2020 BUDGET	2019 FORECAST	2019 BUDGET	2020 Budget vs. 2019 FC
CONSOLIDATED				
Labor	3,959,250.00	3,470,462.00	2,976,514.00	(488,788.00)
Services	2,441,778.00	2,342,234.00	2,429,246.00	(99,544.00)
Materials & Supplies	123,950.00	107,533.00	124,270.00	(16,417.00)
Financing Costs	-	-	8,840.00	-
Allocations	-	-	-	-
TOTAL	6,524,978.00	5,920,229.00	5,538,870.00	(604,749.00)
CHANGE %				-10.21%

**LEHIGH COUNTY AUTHORITY
2020 BUDGET
INTERNAL SERVICES CONSOLIDATED**

MAJOR VARIANCES

Labor

Labor pool increase	3.00%	(75,792)	
Employee Insurance Increase	18.00%	(223,258)	
Headcount Changes		<u>(189,738)</u>	Headcount changes
Total Labor		<u>(488,788)</u>	

Services

Public Relations	(19,449)	Additional expenses added for enhancements in public outreach on infrastructure and associated rate impacts, including direct mail, social media, public meetings, and website upgrades
Education & Training	(24,986)	Management team training and individual employee training
Computer services	(35,350)	Additional spending on GIS, MUNIS, and Citiworks
		Items budgeted for 2020:
		Strategic Planning Consulting - \$40,000
		Process Improvement Projects - \$40,000
		Compensation Study - \$25,000
Special Studies	(105,000)	Customer Survey - \$25,000 (deferred from 2019)
Legal fees	104,881	Solicitor in personnel costs for 2020 pending decision from selection process
Risk Management	(46,842)	Increase in insurance premiums
Other miscellaneous net	<u>27,202</u>	Favorable other net
Total Services	<u>(99,544)</u>	

Materials & Supplies

Other miscellaneous net	<u>(16,417)</u>
Total Materials & Supplies	<u>(16,417)</u>

Finance Expenses

-

TOTAL **(604,749)**

LEHIGH COUNTY AUTHORITY
 2020 BUDGET
 CONSOLIDATED INTERNAL SERVICES

Acct#	Description	CONSOLIDATED			
		2020 Budget	2019 Forecast	2019 Budget	2020 BUD vs. 2019 FC
5000	SALARIES INT SVC	2,303,616.00	1,994,798.00	2,021,589.00	(308,818.00)
5001	SALARIES - BONUS	-	4,286.00	-	4,286.00
5002	OVERTIME INT SVC	8,280.00	9,613.00	6,257.00	1,333.00
5003	TEMPORARY CONTRACT SVC INT SVC	-	50,876.00	-	50,876.00
5204	OFFTIME COA	65,087.00	-	-	(65,087.00)
6210	OFFTIME INT SVC	224,413.00	303,950.00	191,737.00	79,537.00
5005	MINIMUM CALLOUT CONSOL IS	809.00	1,540.00	810.00	731.00
5100	FICA INTERNAL SERVICE	198,853.00	263,748.00	157,696.00	64,895.00
5101	FICA BONUS INTERNAL SERVICE	-	-	-	-
5102	BENEFITS	1,158,192.00	841,050.00	598,425.00	(317,142.00)
6211	BENEFITS INT SVC	-	-	-	-
5105	PENSION ASSET EXPENSE	-	-	-	-
5107	OPEB EXPENSE	-	-	-	-
5108	PPACA HEALTH CARE FEES EXP	-	601.00	-	601.00
6201	OFFTIME REIMB ALLOCATION	-	-	-	-
6202	BENEFITS REIMB ALLOCATION	-	-	-	-
6212	ADMIN SVC INTERFUND	-	-	-	-
6214	OFFTIME ALLOCATION	-	-	-	-
6215	BENEFITS ALLOCATION	-	-	-	-
5113	PENSION FUNDING EXPENSE	-	-	-	-
5114	FRINGE BENEFITS	-	-	-	-
	Subtotal - Labor & Benefits	3,959,250.00	3,470,462.00	2,976,514.00	(488,788.00)
5103	INTERNAL SERVICE EXP	-	118,322.00	-	118,322.00
5109	CONSOLIDATED INT EXP ALLOC	-	-	-	-
5200	SEWER CHARGE INT SVC	1,375.00	519.00	1,250.00	(856.00)
5201	GARBAGE HAULING SVC	2,800.00	1,872.00	2,100.00	(928.00)
5202	POWER & ELECTRIC INT SVC	42,000.00	43,395.00	49,500.00	1,395.00
5203	TELEPHONE INT SVC	29,490.00	45,848.00	49,058.00	16,358.00
5205	CABLE	5,640.00	34,085.00	41,220.00	28,445.00
5300	COMPUTER SERVICES & MAINT	318,505.00	314,578.00	320,000.00	(3,927.00)
5301	OFFICE CLEANING	16,000.00	13,884.00	16,000.00	(2,116.00)
5302	SITE & BLDG MAINT INT SVC	53,150.00	49,724.00	57,000.00	(3,426.00)
5303	EQUIPMENT MAINT/RENTAL INT SVC	23,736.00	26,049.00	21,315.00	2,313.00
5309	OTHER MAINTENANCE SVCS INT SVC	-	803.00	500.00	803.00
5314	FLEET MAINTENANCE INT SVC	500.00	-	-	(500.00)
5600	PLANNING EXPENSE	-	-	-	-
5602	POSTAGE	126,500.00	113,834.00	126,000.00	(12,666.00)
5603	ADVERTISING INT SVC	2,750.00	6,348.00	1,500.00	3,598.00
5604	AUDIT FEES	52,000.00	51,941.00	50,000.00	(59.00)
5605	DUES & SUBSCRIPTIONS	48,000.00	47,822.00	44,500.00	(178.00)
5606	E&T TRAVEL	19,270.00	8,052.00	10,265.00	(11,218.00)
5607	GENERAL MILEAGE	825.00	624.00	1,175.00	(201.00)
5608	WORKER'S COMPENSATION INS	240,000.00	238,417.00	225,000.00	(1,583.00)
5609	PROPERTY INSURANCE	156,937.00	139,564.00	135,445.00	(17,373.00)
5610	LIABILITY INSURANCE	293,821.00	285,000.00	285,849.00	(8,821.00)
5611	BONDING INSURANCE	3,200.00	5,143.00	3,200.00	1,943.00
5612	UNEMPLOYMENT COMPENSATION EXP	-	-	-	-
5613	LEGAL FEES INT SVC	21,000.00	125,881.00	144,000.00	104,881.00
5614	LITIGATION FEES INT SVC	-	-	-	-
5615	PUBLIC RELATIONS	119,449.00	100,000.00	141,699.00	(19,449.00)
5616	MEAL EXPENSE INT SVC	10,950.00	7,694.00	12,400.00	(3,256.00)
5617	PRINTING EXPENSE	4,050.00	2,643.00	4,750.00	(1,407.00)
5618	LONGEVITY BONUS	-	-	-	-
5619	CONTRIBUTIONS & SPONSORSHIPS	3,000.00	436.00	3,300.00	(2,564.00)
5620	BANK FEES	41,170.00	38,948.00	48,150.00	(2,222.00)
5621	ACCOUNT DEBIT FEES	5,650.00	5,472.00	5,000.00	(178.00)
5622	ACTIVITY COMMITTEE	4,800.00	1,146.00	6,000.00	(3,654.00)
5623	OUTSOURCING	50,600.00	33,892.00	43,000.00	(16,708.00)
5624	MISCELLANEOUS EXPENSE INT SVC	25,250.00	11,693.00	22,200.00	(13,557.00)
5625	RISK MANAGEMENT	137,100.00	90,258.00	137,600.00	(46,842.00)
5626	PERSONNEL STUDY	-	-	-	-
5627	ACTUARIAL BENEFITS STUDY	-	-	-	-
5628	UNCOLLECTIBLE ACCOUNTS INT SVC	-	-	-	-
5630	ENGINEER CONSULT SVCS INT SVC	75,255.00	59,100.00	54,000.00	(16,155.00)

LEHIGH COUNTY AUTHORITY
2020 BUDGET
CONSOLIDATED INTERNAL SERVICES

Acct#	Description	CONSOLIDATED			
		2020 Budget	2019 Forecast	2019 Budget	2020 BUD vs. 2019 FC
5631	CONTRACT OPERATING SVCS	-	-	-	-
5633	ECONOMIC FEASIBLTY STUDY	-	-	-	-
5635	INVENTORY WRITE OFF	-	-	-	-
5645	EDUCATION & TRAINING	168,255.00	143,269.00	159,220.00	(24,986.00)
5649	AWWA RF REG STUDY	-	-	-	-
5654	SPECIAL STUDIES	130,000.00	25,000.00	35,000.00	(105,000.00)
5655	CREDIT CARD PROGRAM FEE	129,000.00	125,367.00	121,000.00	(3,633.00)
5662	COMPLIANCE EXPENSE	22,750.00	707.00	17,750.00	(22,043.00)
5668	HUMAN RESOURCES EXPENSE	47,000.00	24,904.00	33,300.00	(22,096.00)
5672	EMPLOYEE ENGAGEMENT	10,000.00	-	-	(10,000.00)
5908	TRANSFER TO INT SVC PAYROLL AD	-	-	-	-
	Subtotal - Purchased Services	2,441,778.00	2,342,234.00	2,429,246.00	(99,544.00)
5204	GAS	13,000.00	5,206.00	8,000.00	(7,794.00)
5700	OFFICE SUPPLIES	22,500.00	15,788.00	24,650.00	(6,712.00)
5701	COMPUTER SUPPLIES	13,500.00	9,803.00	15,000.00	(3,697.00)
5702	BUILDING SUPPLIES INT SVC	1,800.00	600.00	2,000.00	(1,200.00)
5703	EQUIPMENT EXP INT SVC	57,700.00	53,104.00	62,000.00	(4,596.00)
5712	MOBILE EQUIP SUPPLIES INT SVC	50.00	47.00	-	(3.00)
5713	FUEL	750.00	4,620.00	5,370.00	3,870.00
5714	MISCELLANEOUS SUPPLIES INT SVC	10,150.00	9,265.00	2,750.00	(885.00)
5400	DEPRECIATION	4,500.00	4,500.00	-	-
5719	AMORTIZATION OF VEHICLE	-	-	-	-
5720	AMORTIZATION OF EQUIPMENT	-	4,600.00	4,500.00	4,600.00
	Subtotal - Equipment, Materials, & Supplies	123,950.00	107,533.00	124,270.00	(16,417.00)
5601	Financing Expense	-	-	8,840.00	-
	Total - NonLabor				
	GRAND TOTAL	6,524,978.00	5,920,229.00	5,538,870.00	(604,749.00)

**2020 BUDGET
ADMINISTRATION
CAPITAL EXPENDITURES**

Project	Primary Project Category	Estimated Project Cost	Estimated Costs Through 2019	2020 Budget	Estimated Costs 2021 - 2024
<u>LCA Funded Projects</u>					
SCADA Programming, Hardware Upgrades, Software & Training	AM - Varies	815,000	115,000	150,000	550,000
Computer System Hardware & Software Upgrades	AM - High	410,000	70,000	140,000	200,000
GIS Upgrades & Application Development	Efficiency	360,000	60,000	50,000	250,000
Information Technology Master Plan Update	Planning	415,000	40,000	125,000	250,000
Document Management	Efficiency	295,000	20,000	200,000	75,000
Disaster Recovery/Security Upgrades	Efficiency	200,000	50,000	25,000	125,000
CMMS Upgrades	Efficiency	265,000	90,000	25,000	150,000
Sub-total Administration Capital Funded by LCA			\$ 445,000	\$ 715,000	\$ 1,600,000
Total Administration Capital Expenditures (Funded):			\$ 445,000	\$ 715,000	\$ 1,600,000

Suburban Water

**LEHIGH COUNTY AUTHORITY - SUBURBAN WATER
2020 BUDGET
CONDENSED STATEMENTS**

SUBURBAN WATER

INCOME STATEMENT	2020 Budget	2019 Forecast	2019 Budget	2018 Actuals	2020 vs. 2019 FC
Operating Revenues	10,582,010	9,997,745	9,989,588	9,348,885	584,265
Operating Expenses	10,084,728	9,173,301	9,173,554	8,503,040	(911,427)
Operating Income	497,282	824,444	816,034	845,845	(327,162)
Non-Operating Revenues (Expenses)	773,100	772,723	743,000	494,641	377
Income Before Interest	1,270,382	1,597,167	1,559,034	1,340,486	(326,785)
Interest Income	160,000	158,937	144,000	255,439	1,063
Interest Expense	(1,508,789)	(1,496,071)	(1,466,582)	(1,576,659)	(12,718)
Income Before Capital Contributions	(78,407)	260,033	236,452	19,266	(338,440)
Capital Contributions	-	-	-	1,793,798	-
Net Income	(78,407)	260,033	236,452	1,813,064	(338,440)

CASH FLOWS (INDIRECT)	2020 Budget	2019 Forecast	2019 Budget	2018 Actuals	2020 vs. 2019 FC
Net Cash Provided By (Used In) Operating Activities	3,247,282	11,161,615	3,566,034	2,657,301	(7,914,333)
Net Cash Provided By (Used In) Non-Capital Financing Activities	-	-	-	(4,492,791)	-
Net Cash Provided By (Used In) Capital and Related Financing Activities	(5,455,564)	(10,694,163)	(12,659,242)	(8,047,342)	5,238,599
Net Cash Provided By (Used In) Investing Activities	160,000	2,730,195	6,714,850	9,594,936	(2,570,195)
Net Increase (Decrease) in Cash	(2,048,282)	3,197,647	(2,378,358)	(287,896)	(5,245,929)
Cash - Beginning of Year	13,333,626	10,135,979	10,135,979	10,423,875	3,197,647
Cash - End of Year	11,285,344	13,333,626	7,757,621	10,135,979	(2,048,282)

CASH FLOW (DIRECT)	2020 Budget	2019 Forecast	2019 Budget	2018 Actuals	2020 vs. 2019 FC
Operating Revenues	10,582,010	9,997,745	9,989,588	9,348,885	584,265
Operating Expenses (ex D&A)	(7,334,728)	(6,423,307)	(6,423,554)	(5,734,907)	(911,421)
Cash From Operations	3,247,282	3,574,438	3,566,034	3,613,978	(327,156)
Interest Received	160,000	158,937	144,000	255,439	1,063
Cash Available for Debt Service	3,407,282	3,733,375	3,710,034	3,869,417	(326,093)
Debt Service	(3,341,564)	(3,220,615)	(3,191,702)	(3,193,013)	(120,949)
Net Cash Available After Debt Service	65,718	512,760	518,332	676,404	(447,042)
Non-Operating Revenues (Expenses)	776,500	776,114	719,000	576,783	386
Changes in Working Capital	-	7,587,177	-	(5,531,610)	(7,587,177)
Net Cash Available For Capital	842,218	8,876,051	1,237,332	(4,278,423)	(8,033,833)
Financing & Investment Activity	5,119,500	2,571,258	6,594,850	9,339,497	2,548,242
Capital Spending	(8,010,000)	(8,249,662)	(10,210,540)	(5,348,970)	239,662
Net Cash Flow	(2,048,282)	3,197,647	(2,378,358)	(287,896)	(5,245,929)
Beginning Balance	13,333,626	10,135,979	10,135,979	10,423,875	3,197,647
Ending Balance	11,285,344	13,333,626	7,757,621	10,135,979	(2,048,282)

DEBT SERVICE COVERAGE RATIO	1.25	1.40	1.39	1.39	(0.15)
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BALANCE SHEET	2020 Budget	2019 Forecast	2018 Actuals
Assets and Deferred Outflows			
Cash and Cash Equivalents	9,701,644	11,749,926	8,552,279
Investments - Unrestricted	1,785,733	1,785,733	4,356,991
Other Current Assets	2,085,077	2,085,077	9,672,254
Cash and Cash Equivalents - Restricted	1,583,700	1,583,700	1,583,700
Investments - Restricted	2,239,789	2,239,789	2,239,789
Other Restricted Assets	4,386,200	4,386,200	4,386,200
Capital Assets, net of Accumulated Depreciation	125,668,825	120,412,225	114,915,948
Other Long-Term Assets	761,457	761,457	761,457
Deferred Outflows	1,002,128	1,002,128	1,002,128
Total Assets and Deferred Outflows	149,214,553	146,006,235	147,470,746
Liabilities and Net Position			
Current Liabilities	3,490,189	3,490,189	3,490,189
Long-Term Liabilities & Deferred Inflows	47,102,291	43,815,566	45,540,110
Net Position	98,622,073	98,700,480	98,440,447
Total Liabilities and Net Position	149,214,553	146,006,235	147,470,746

**LEHIGH COUNTY AUTHORITY - SUBURBAN WATER
2020 BUDGET
CASH FLOW (DIRECT)**

\$'s	<u>2020 Budget</u>	<u>2019 Forecast</u>	<u>2019 Budget</u>	<u>2018 Actuals</u>	<u>2020 vs. 2019 FC</u>
OPERATING REVENUES					
Charges for Services	10,370,176	9,785,911	9,772,570	9,209,531	584,265
Rent	111,213	111,213	87,860	98,405	-
Other income	100,621	100,621	129,158	40,949	-
Total Operating Revenues	<u>10,582,010</u>	<u>9,997,745</u>	<u>9,989,588</u>	<u>9,348,885</u>	<u>584,265</u>
OPERATING EXPENSES (CASH BASED)					
Salaries and Wages	(1,245,079)	(1,022,669)	(1,020,940)	(1,037,882)	(222,410)
General and Administrative	(2,054,980)	(1,527,328)	(1,399,959)	(1,261,241)	(527,652)
Utilities	(596,540)	(601,683)	(592,750)	(437,253)	5,143
Materials and Supplies	(563,005)	(492,663)	(504,580)	(294,937)	(70,342)
Miscellaneous Services	(2,875,124)	(2,778,964)	(2,905,325)	(2,703,594)	(96,160)
Treatment and Transportation	-	-	-	-	-
Total Operating Expenses	<u>(7,334,728)</u>	<u>(6,423,307)</u>	<u>(6,423,554)</u>	<u>(5,734,907)</u>	<u>(911,421)</u>
CASH FROM OPERATIONS	<u>3,247,282</u>	<u>3,574,438</u>	<u>3,566,034</u>	<u>3,613,978</u>	<u>(327,156)</u>
Interest Received	160,000	158,937	144,000	255,439	1,063
CASH AVAILABLE FOR DEBT SERVICE	<u>3,407,282</u>	<u>3,733,375</u>	<u>3,710,034</u>	<u>3,869,417</u>	<u>(326,093)</u>
DEBT SERVICE					
Interest and Fees Paid	(1,508,789)	(1,496,071)	(1,466,582)	(1,499,805)	(12,718)
Principal Paid	(1,832,775)	(1,724,544)	(1,725,120)	(1,693,208)	(108,231)
Total Debt Service	<u>(3,341,564)</u>	<u>(3,220,615)</u>	<u>(3,191,702)</u>	<u>(3,193,013)</u>	<u>(120,949)</u>
NET CASH AVAILABLE AFTER DEBT SERVICE	<u>65,718</u>	<u>512,760</u>	<u>518,332</u>	<u>676,404</u>	<u>(447,042)</u>
	1.02	1.16	1.16	1.21	(0.14)
NON-OPERATING REVENUES (EXPENSES)					
Tapping and Capital Recovery Fees	472,000	471,990	467,000	221,405	10
Meter Sales	108,000	107,907	108,000	85,259	93
Inspection, Plan Reviews, and Project Reimbursements	161,000	160,772	144,000	183,148	228
Other Income	35,500	35,445	24,000	86,971	55
Less: Project Reimbursement	-	-	(24,000)	-	-
Other Expense	(3,400)	(3,391)	-	(82,142)	(9)
Less: Expensed Capex	3,400	3,391	-	82,142	9
Total Non-Operating Revenues (Expenses)	<u>776,500</u>	<u>776,114</u>	<u>719,000</u>	<u>576,783</u>	<u>386</u>
Changes in Assets and Liabilities	-	7,587,177	-	(5,531,610)	(7,587,177)
NET CASH AVAILABLE FOR CAPITAL	<u>842,218</u>	<u>8,876,051</u>	<u>1,237,332</u>	<u>(4,278,423)</u>	<u>(8,033,833)</u>
FINANCING AND INVESTMENT ACTIVITY					
Grants Received	-	-	-	-	-
New Borrowing	5,119,500	-	-	-	5,119,500
Investments Converted to Cash	-	2,571,258	6,570,850	11,501,487	(2,571,258)
New Investments From Cash	-	-	-	(2,161,990)	-
Annual Lease Payments	-	-	-	-	-
Project Reimbursements	-	-	24,000	-	-
Total Financing & Investment Activity	<u>5,119,500</u>	<u>2,571,258</u>	<u>6,594,850</u>	<u>9,339,497</u>	<u>2,548,242</u>
CAPITAL SPENDING					
Net Capital Spending	(8,006,600)	(8,246,271)	(10,210,540)	(5,266,828)	239,671
Add: Expensed Capex	(3,400)	(3,391)	-	(82,142)	(9)
Total Capital Spending	<u>(8,010,000)</u>	<u>(8,249,662)</u>	<u>(10,210,540)</u>	<u>(5,348,970)</u>	<u>239,662</u>
NET CASH FLOW TO FUND	<u>(2,048,282)</u>	<u>3,197,647</u>	<u>(2,378,358)</u>	<u>(287,896)</u>	<u>(5,245,929)</u>

**LEHIGH COUNTY AUTHORITY - SUBURBAN WATER
2020 BUDGET
CASH FLOW (DIRECT)**

\$'s	<u>2020 Budget</u>	<u>2019 Forecast</u>	<u>2019 Budget</u>	<u>2018 Actuals</u>	<u>2020 vs. 2019 FC</u>
DEBT SERVICE RATIO (INDENTURE BASED)					
Total Operating Revenues	10,582,010	9,997,745	9,989,588	9,348,885	584,265
Total Operating Expenses (Cash Based)	(7,334,728)	(6,423,307)	(6,423,554)	(5,734,907)	(911,421)
Interest Income	160,000	158,937	144,000	255,439	1,063
Annual Lease Payment (City)	-	-	-	-	-
Total Non-Operating Revenues (Expenses)	<u>776,500</u>	<u>776,114</u>	<u>719,000</u>	<u>576,783</u>	<u>386</u>
Cash Available For Debt Service	4,183,782	4,509,489	4,429,034	4,446,200	(325,707)
Total Debt Service	<u>3,341,564</u>	<u>3,220,615</u>	<u>3,191,702</u>	<u>3,193,013</u>	<u>120,949</u>
Debt Service Ratio	<u>1.25</u>	<u>1.40</u>	<u>1.39</u>	<u>1.39</u>	<u>(0.15)</u>
CAPITAL COVERAGE RATIO					
Net Available for Capital	842,218	1,288,874	1,261,332	1,253,187	(446,656)
Total Capex	<u>8,010,000</u>	<u>8,249,662</u>	<u>10,210,540</u>	<u>5,348,970</u>	<u>(239,662)</u>
Capital Coverage Ratio	<u>0.11</u>	<u>0.16</u>	<u>0.12</u>	<u>0.23</u>	<u>(0.05)</u>
SUMMARY OF ACCOUNT BALANCES					
Cash - Operations	3,709,838	3,644,120			
Cash - Project Reserves	5,991,806	8,105,806			
Cash - Restricted	<u>1,583,700</u>	<u>1,583,700</u>			
Total Cash Accounts	<u>11,285,344</u>	<u>13,333,626</u>			
Investments - Operations	785,733	785,733			
Investments - Project Reserves	1,000,000	1,000,000			
Investments - Restricted	<u>2,239,789</u>	<u>2,239,789</u>			
Total Investments	<u>4,025,522</u>	<u>4,025,522</u>			
TOTAL BALANCES	<u>15,310,866</u>	<u>17,359,148</u>			

LEHIGH COUNTY AUTHORITY - SUBURBAN WATER
2020 BUDGET
CASH FLOW BRIDGE - 2020 BUDGET vs. 2019 FORECAST
\$USD

NET CASH FLOW PER 2019 FORECAST **3,197,647**

Revenues

Increase in revenues from rate payers	584,265	6.9% increase in revenue dollars without any volume adjustment
Rental & Miscellaneous	-	0.0% increase budgeted, budgeting at 2019 FC amount
Total Operating Revenues	<u>584,265</u>	

Operating expenses

Personnel Costs		
Addition of new headcount	(260,604)	(3) New positions budgeted impacting this
Salary & Wage increase effect	(36,264)	3.0% increase pool budgeted
Increase in employee benefits	(294,755)	18.0% increase budgeted with increases in Health care and pension
Labor charging changes	-	No labor charging adjustments
Total personnel costs	<u>(591,623)</u>	
Other Discretionary spending		
Inflation effects	(79,110)	Budgeting 2.0% inflation across discretionary spending areas
Decrease (Increase) in real spending levels		
Utilities	16,840	Lower utility usage
Materials & Supplies	(59,303)	26.9% increase due to higher equipment
		Budgeting a decrease in overall spending with most of that reduction
Purchased services	(39,786)	coming from lower analysis costs
Total Discretionary Spending	<u>(161,359)</u>	
Internal Services	(158,439)	Higher charges coming into the fund from Suburban Internal Services
Total Operating Expenses	<u>(911,421)</u>	

Interest Income	<u>1,063</u>	Small increase in interest income
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Debt Service

Interest Expense	(12,718)	Additional debt service from new borrowing
Loan Principal Payments	(108,231)	Additional debt service from new borrowing
Net increase	<u>(120,949)</u>	New borrowing of \$5,119,500

Non-Operating Revenues (Expenses)

Change in Non-Operating revenues (expenses)	377	No major change
Higher expensed capex	9	No major change
Net NOR (NOE)	<u>386</u>	

Capital Spending/Funding

Higher total capex	239,662	Lower capex spending
		Had \$2.6m of investments convert to cash in 2019, not budgeting any in
Net Investments	(2,571,258)	2020, will still have \$1.8m of investments remaining at the end of 2020
New Borrowing	5,119,500	New Borrowing to fund capex
Net Changes	<u>2,787,904</u>	

Working Capital Changes	<u>(7,587,177)</u>	Large receivables at year-end 2018 converted to cash in 2019 but will not repeat in 2020
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Net Increase (Decrease) in Cash Flows **(5,245,929)**

NET CASH FLOW PER 2020 BUDGET **(2,048,282)**

**LEHIGH COUNTY AUTHORITY - SUBURBAN WATER
2020 BUDGET
STATEMENT OF CHANGES IN NET POSITION**

\$'s	<u>2020 Budget</u>	<u>2019 Forecast</u>	<u>2019 Budget</u>	<u>2018 Actuals</u>	<u>2020 vs. 2019 FC</u>
OPERATING REVENUES					
Charges for Services	10,370,176	9,785,911	9,772,570	9,209,531	584,265
Rent	111,213	111,213	87,860	98,405	-
Other income	100,621	100,621	129,158	40,949	-
Total Operating Revenues	<u>10,582,010</u>	<u>9,997,745</u>	<u>9,989,588</u>	<u>9,348,885</u>	<u>584,265</u>
OPERATING EXPENSES					
Salaries and Wages	1,245,079	1,022,669	1,020,940	1,037,882	(222,410)
General and Administrative	2,054,980	1,527,328	1,399,959	1,261,241	(527,652)
Utilities	596,540	601,683	592,750	437,253	5,143
Materials and Supplies	563,005	492,663	504,580	294,937	(70,342)
Miscellaneous Services	2,875,124	2,778,964	2,905,325	2,703,594	(96,160)
Treatment and Transportation	-	-	-	-	-
Depreciation and Amortization	2,750,000	2,749,994	2,750,000	2,768,133	(6)
Total Operating Expenses	<u>10,084,728</u>	<u>9,173,301</u>	<u>9,173,554</u>	<u>8,503,040</u>	<u>(911,427)</u>
Operating Income (Loss)	<u>497,282</u>	<u>824,444</u>	<u>816,034</u>	<u>845,845</u>	<u>(327,162)</u>
NON-OPERATING REVENUES (EXPENSES)					
Tapping and Capital Recovery Fees	472,000	471,990	467,000	221,405	10
Meter Sales	108,000	107,907	108,000	85,259	93
Inspection, Plan Reviews, and Project Reimbursements	161,000	160,772	144,000	183,148	228
Other Income	35,500	35,445	24,000	86,971	55
Other Expense	(3,400)	(3,391)	-	(82,142)	(9)
Total Non-Operating Revenues (Expenses)	<u>773,100</u>	<u>772,723</u>	<u>743,000</u>	<u>494,641</u>	<u>377</u>
Income Before Interest	<u>1,270,382</u>	<u>1,597,167</u>	<u>1,559,034</u>	<u>1,340,486</u>	<u>(326,785)</u>
Interest Income	160,000	158,937	144,000	255,439	1,063
Interest Expense	<u>(1,508,789)</u>	<u>(1,496,071)</u>	<u>(1,466,582)</u>	<u>(1,576,659)</u>	<u>(12,718)</u>
Increase (Decrease) in Net Position Before Capital Contributions	<u>(78,407)</u>	<u>260,033</u>	<u>236,452</u>	<u>19,266</u>	<u>(338,440)</u>
CAPITAL CONTRIBUTIONS					
Capital Grants	-	-	-	212,688	-
Capital Assets Provided	-	-	-	1,581,110	-
Total Capital Contributions	<u>-</u>	<u>-</u>	<u>-</u>	<u>1,793,798</u>	<u>-</u>
INCREASE (DECREASE) IN NET POSITION	(78,407)	260,033	236,452	1,813,064	(338,440)
Net Position Beginning of Year	98,700,480	98,440,447	98,440,447	96,627,383	260,033
Cumulative Changes	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
NET POSITION AT END OF YEAR	<u>98,622,073</u>	<u>98,700,480</u>	<u>98,676,899</u>	<u>98,440,447</u>	<u>(78,407)</u>

**LEHIGH COUNTY AUTHORITY - SUBURBAN WATER
2020 BUDGET
CASH FLOW (INDIRECT)**

\$'s	<u>2020 Budget</u>	<u>2019 Forecast</u>	<u>2019 Budget</u>	<u>2018 Actuals</u>	<u>2020 vs. 2019 FC</u>
CASH FLOWS FROM OPERATING ACTIVITIES					
Operating Income (Loss)	497,282	824,444	816,034	845,845	(327,162)
Adjustments:					
Depreciation and Amortization	2,750,000	2,749,994	2,750,000	2,768,133	6
Changes in Assets and Liabilities	-	7,587,177	-	(956,677)	(7,587,177)
Net Cash Provided By (Used In) Operating Activities	<u>3,247,282</u>	<u>11,161,615</u>	<u>3,566,034</u>	<u>2,657,301</u>	<u>(7,914,333)</u>
CASH FLOWS FROM NON-CAPITAL FINANCING ACTIVITIES					
Interest Paid	-	-	-	-	-
Facility Improvements	-	-	-	-	-
Annual Lease Payments	-	-	-	-	-
Transfers From/To	-	-	-	(4,492,791)	-
Net Cash Provided By (Used In) Non-Capital Financing Activities	<u>-</u>	<u>-</u>	<u>-</u>	<u>(4,492,791)</u>	<u>-</u>
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES					
Non-Operating Revenues Received	776,500	776,114	743,000	494,641	386
Capital Spending	(8,010,000)	(8,249,662)	(10,210,540)	(5,348,970)	239,662
Borrowing Proceeds	5,119,500	-	-	-	5,119,500
Interest Payments	(1,508,789)	(1,496,071)	(1,466,582)	(1,499,805)	(12,718)
Principal Payments	(1,832,775)	(1,724,544)	(1,725,120)	(1,693,208)	(108,231)
Net Cash Provided By (Used In) Capital and Related Financing Activities	<u>(5,455,564)</u>	<u>(10,694,163)</u>	<u>(12,659,242)</u>	<u>(8,047,342)</u>	<u>5,238,599</u>
CASH FLOWS FROM INVESTING ACTIVITIES					
Investment Maturities	-	2,571,258	6,570,850	11,501,487	(2,571,258)
Investment Purchases	-	-	-	(2,161,990)	-
Interest Received on Investments	160,000	158,937	144,000	255,439	1,063
Net Cash Provided By (Used In) Investing Activities	<u>160,000</u>	<u>2,730,195</u>	<u>6,714,850</u>	<u>9,594,936</u>	<u>(2,570,195)</u>
NET INCREASE (DECREASE) IN CASH	<u>(2,048,282)</u>	<u>3,197,647</u>	<u>(2,378,358)</u>	<u>(287,896)</u>	<u>(5,245,929)</u>
Cash - Beginning of Year	<u>13,333,626</u>	<u>10,135,979</u>	<u>10,135,979</u>	<u>10,423,875</u>	<u>3,197,647</u>
CASH - END OF YEAR	<u>11,285,344</u>	<u>13,333,626</u>	<u>7,757,621</u>	<u>10,135,979</u>	<u>(2,048,282)</u>
SUMMARY OF ACCOUNT BALANCES					
Cash - Operations	3,709,838	3,644,120			
Cash - Project Reserves	5,991,806	8,105,806			
Cash - Restricted	1,583,700	1,583,700			
Total Cash Accounts	<u>11,285,344</u>	<u>13,333,626</u>			
Investments - Operations	785,733	785,733			
Investments - Project Reserves	1,000,000	1,000,000			
Investments - Restricted	2,239,789	2,239,789			
Total Investments	<u>4,025,522</u>	<u>4,025,522</u>			
TOTAL BALANCES	<u>15,310,866</u>	<u>17,359,148</u>			

**LEHIGH COUNTY AUTHORITY
2020 BUDGET
BALANCE SHEET**

	SUBURBAN WATER		
	2020	2019	2018
	Budget	Forecast	Actuals
ASSETS AND DEFERRED OUTFLOWS			
CURRENT ASSETS			
Cash and Cash Equivalents	9,701,644	11,749,926	8,552,279
Certificates of Deposit	1,785,733	1,785,733	4,356,991
Accounts Receivable - Customers	1,652,884	1,652,884	1,663,830
Accounts Receivable - Financing Contracts	-	-	-
Accounts Receivable - Others	203,148	203,148	203,148
Due From (To) Other Funds	-	-	7,576,231
Inventories	16,190	16,190	16,190
Accrued Interest Receivable	14,724	14,724	14,724
Prepaid Expenses	198,131	198,131	198,131
Total Current Assets	13,572,454	15,620,736	22,581,524
NON-CURRENT ASSETS			
Restricted			
Cash and Cash Equivalents	1,583,700	1,583,700	1,583,700
Certificates of Deposit	25,522	25,522	25,522
Investment - US Treasury Obligations	2,214,267	2,214,267	2,214,267
Developer Escrow Deposits	4,386,200	4,386,200	4,386,200
Accrued Interest Receivable	-	-	-
Total Restricted Assets	8,209,689	8,209,689	8,209,689
Capital Assets			
Land	2,043,265	2,043,265	2,043,265
Construction in Progress	5,023,631	5,023,631	5,023,631
Wells and Reservoirs	9,554,770	9,554,770	9,554,770
Transmission and Distribution Mains	78,963,688	78,963,688	78,963,688
Service and Hydrants	17,144,642	17,144,642	17,144,642
Interceptor and Collector Systems	-	-	-
Buildings and Structures	23,632,286	23,632,286	23,632,286
Metering System	10,539,291	10,539,291	10,539,291
Equipment and Furnishings	23,535,963	15,529,363	7,283,092
Capacity	1,207,901	1,207,901	1,207,901
LESS: Accumulated Depreciation	(45,976,612)	(43,226,612)	(40,476,618)
Total Capital Assets	125,668,825	120,412,225	114,915,948
Other Assets			
Long-term Portion of Receivables and Financing Contracts	-	-	-
Intangible Service Concession Arrangement	-	-	-
OPEB Asset	736,708	736,708	736,708
Other Miscellaneous Assets	-	-	-
Facilities Planning Costs, Net	24,749	24,749	24,749
Total Other Assets	761,457	761,457	761,457
Total Non-Current Assets	134,639,971	129,383,371	123,887,094
TOTAL ASSETS	148,212,425	145,004,107	146,468,618
Deferred Outflows			
Pensions & OPEB	883,237	883,237	883,237
Refunding Loss on Bonds	118,891	118,891	118,891
Total Deferred Outflows	1,002,128	1,002,128	1,002,128
TOTAL ASSETS AND DEFERRED OUTFLOWS	149,214,553	146,006,235	147,470,746

**LEHIGH COUNTY AUTHORITY
2020 BUDGET
BALANCE SHEET**

	SUBURBAN WATER		
	2019	2018	2018
LIABILITIES AND NET POSITION	Budget	Forecast	Actuals
Current Liabilities:			
Accounts Payable - Trade	1,048,854	1,048,854	1,048,854
Accounts Payable - Capital	70,921	70,921	70,921
Accrued Interest Payable	237,699	237,699	237,699
Notes Payable	243,812	243,812	243,812
Revenue Bonds Payable	1,473,132	1,473,132	1,473,132
Developer Deposits and Other	195,273	195,273	195,273
Accrued Expenses	220,498	220,498	220,498
Total Current Liabilities	3,490,189	3,490,189	3,490,189
Non-Current Liabilities			
Developer Deposits and Other	4,974,553	4,974,553	4,974,553
SCA Payable	-	-	-
Notes Payable	2,486,487	2,486,487	2,486,487
OPEB Liability	-	-	-
Net Pension Liability	336,866	336,866	336,866
Revenue Bonds Payable	38,943,024	35,656,299	37,380,843
Total Non-Current Liabilities	46,740,930	43,454,205	45,178,749
Total Liabilities	50,231,119	46,944,394	48,668,938
Deferred Inflows			
Pensions	361,361	361,361	361,361
Net Position:			
Net investment in Capital Assets	81,298,835	81,377,242	81,117,209
Restricted Debt Service	1,380,654	1,380,654	1,380,654
Unrestricted	15,942,584	15,942,584	15,942,584
Total Net Position	98,622,073	98,700,480	98,440,447
TOTAL LIABILITIES AND NET POSITION	149,214,553	146,006,235	147,470,746
<i>Check</i>	-	-	-

**LEHIGH COUNTY AUTHORITY - SUBURBAN WATER
2020 BUDGET
CASH FLOW (DIRECT BY ACCOUNT)**

\$'s	<u>2020 Budget</u>	<u>2019 Forecast</u>
<u>OPERATIONS - CASH</u>		
OPERATING REVENUES		
Charges for Services	10,370,176	9,785,911
Rent	111,213	111,213
Other income	<u>100,621</u>	<u>100,621</u>
Total Operating Revenues	<u>10,582,010</u>	<u>9,997,745</u>
OPERATING EXPENSES (CASH BASED)		
Salaries and Wages	(1,245,079)	(1,022,669)
General and Administrative	(2,054,980)	(1,527,328)
Utilities	(596,540)	(601,683)
Materials and Supplies	(563,005)	(492,663)
Miscellaneous Services	(2,875,124)	(2,778,964)
Treatment and Transportation	-	-
Total Operating Expenses	<u>(7,334,728)</u>	<u>(6,423,307)</u>
CASH FROM OPERATIONS	<u>3,247,282</u>	<u>3,574,438</u>
Interest Received	<u>160,000</u>	<u>158,937</u>
CASH AVAILABLE FOR DEBT SERVICE	<u>3,407,282</u>	<u>3,733,375</u>
DEBT SERVICE		
Interest and Fees Paid	(1,508,789)	(1,496,071)
Principal Paid	<u>(1,832,775)</u>	<u>(1,724,544)</u>
Total Debt Service	<u>(3,341,564)</u>	<u>(3,220,615)</u>
NET CASH AVAILABLE AFTER DEBT SERVICE	<u>65,718</u>	<u>512,760</u>
Changes in Assets and Liabilities	<u>-</u>	<u>7,587,177</u>
NET CASH FROM OPERATIONS AVAILABLE FOR CAPITAL	65,718	8,099,937
Investments Converted Into Cash	-	-
Cash Converted to Investments	-	-
Cash from Restricted Balances	-	-
Cash to Restricted Balances	-	-
Cash provided for Capital Projects	<u>-</u>	<u>(13,008,096)</u>
NET FLOW - OPERATING CASH	65,718	(4,908,159)
Beginning Balance	<u>3,644,120</u>	<u>8,552,279</u>
OPERATING CASH - ENDING BALANCE	<u>3,709,838</u>	<u>3,644,120</u>

**LEHIGH COUNTY AUTHORITY - SUBURBAN WATER
2020 BUDGET
CASH FLOW (DIRECT BY ACCOUNT)**

\$'s	2020 Budget	2019 Forecast
<u>OPERATIONS - INVESTMENTS</u>		
Cash provided to investments	-	-
Maturities converted to cash	-	(2,571,258)
From (To) Restricted	-	-
NET FLOW - OPERATING INVESTMENTS	-	(2,571,258)
Beginning Balance	785,733	3,356,991
OPERATING INVESTMENTS - ENDING BALANCE	785,733	785,733
<u>PROJECT RESERVES - CASH</u>		
CASH PROVIDED FROM OPERATIONS	-	13,008,096
NON-OPERATING REVENUES (EXPENSES)		
Tapping and Capital Recovery Fees	472,000	471,990
Meter Sales	108,000	107,907
Inspection, Plan Reviews, and Project Reimbursements	161,000	160,772
Other Income	35,500	35,445
Less: Project Reimbursement	-	-
Other Expense	(3,400)	(3,391)
Less: Expensed Capex	3,400	3,391
Total Non-Operating Revenues (Expenses)	776,500	776,114
FINANCING AND INVESTMENT ACTIVITY		
Grants Received	-	-
New Borrowing	5,119,500	-
Investments Converted to Cash (Source)	-	2,571,258
New Investments From Cash (Use)	-	-
Annual Lease Payments - City	-	-
Project Reimbursements	-	-
Total Financing & Investment Activity	5,119,500	2,571,258
Interest Income	-	-
CAPITAL SPENDING		
Net Capital Spending	(8,006,600)	(8,246,271)
Add: Expensed Capex	(3,400)	(3,391)
Total Capital Spending	(8,010,000)	(8,249,662)
NET FLOW - PROJECT RESERVES CASH	(2,114,000)	8,105,806
Beginning Balance	8,105,806	-
PROJECT RESERVES CASH - ENDING BALANCE	5,991,806	8,105,806

**LEHIGH COUNTY AUTHORITY - SUBURBAN WATER
2020 BUDGET
CASH FLOW (DIRECT BY ACCOUNT)**

\$'s	2020 Budget	2019 Forecast
<u>PROJECT RESERVES - INVESTMENTS</u>		
New Investments From Cash (Source)	-	-
Investments Converted to Cash (Use)	-	-
Other	-	-
NET FLOW - PROJECT RESERVES INVESTMENTS	-	-
Beginning Balance	<u>1,000,000</u>	<u>1,000,000</u>
PROJECT RESERVES INVESTMENTS - ENDING BALANCE	<u>1,000,000</u>	<u>1,000,000</u>
<u>RESTRICTED - CASH</u>		
Sources	-	-
Uses	-	-
NET FLOW - RESTRICTED CASH	-	-
Beginning Balance	<u>1,583,700</u>	<u>1,583,700</u>
RESTRICTED CASH - ENDING BALANCE	<u>1,583,700</u>	<u>1,583,700</u>
<u>RESTRICTED - INVESTMENTS</u>		
Sources	-	-
Uses	-	-
NET FLOW - RESTRICTED INVESTMENTS	-	-
Beginning Balance	<u>2,239,789</u>	<u>2,239,789</u>
RESTRICTED INVESTMENTS - ENDING BALANCE	<u>2,239,789</u>	<u>2,239,789</u>
<u>SUMMARY OF ACCOUNT FLOWS</u>		
Cash - Operations	65,718	(4,908,159)
Cash - Project Reserves	(2,114,000)	8,105,806
Cash - Restricted	-	-
Total Cash Accounts	<u>(2,048,282)</u>	<u>3,197,647</u>
Investments - Operations	-	(2,571,258)
Investments - Project Reserves	-	-
Investments - Restricted	-	-
Total Investments	<u>-</u>	<u>(2,571,258)</u>
TOTAL FLOWS	<u>(2,048,282)</u>	<u>626,389</u>

**LEHIGH COUNTY AUTHORITY - SUBURBAN WATER
2020 BUDGET
CASH FLOW (DIRECT BY ACCOUNT)**

\$'s	2020 Budget	2019 Forecast
<u>SUMMARY OF ACCOUNT BALANCES</u>		
Cash - Operations	3,709,838	3,644,120
Cash - Project Reserves	5,991,806	8,105,806
Cash - Restricted	<u>1,583,700</u>	<u>1,583,700</u>
Total Cash Accounts	<u>11,285,344</u>	<u>13,333,626</u>
Investments - Operations	785,733	785,733
Investments - Project Reserves	1,000,000	1,000,000
Investments - Restricted	<u>2,239,789</u>	<u>2,239,789</u>
Total Investments	<u>4,025,522</u>	<u>4,025,522</u>
TOTAL BALANCES	<u>15,310,866</u>	<u>17,359,148</u>
	<i>Cash Check</i>	11,285,344
	<i>Diff</i>	-
	<i>Investment Check</i>	4,025,522
	<i>Diff</i>	-
DAYS ON HAND		
Operations Cash	184.6	207.1
Operations Investments	<u>39.1</u>	<u>44.6</u>
Total	<u><u>223.7</u></u>	<u><u>251.7</u></u>

**LEHIGH COUNTY AUTHORITY
2020 BUDGET
SUBURBAN WATER**

STATEMENT OF CHANGES IN NET POSITION	2020 Budget	2019 Forecast	2019 Budget	2018 Actual
OPERATING REVENUES				
Service Charges				
Large Industrial	1,191,187	1,114,300	1,126,975	1,055,882
Other Industrial/Commercial	3,697,016	3,458,387	3,433,906	3,217,216
Residential	4,067,530	3,804,986	3,809,007	3,617,000
Penalties	96,138	89,933	77,294	77,229
Private Fire Service	881,402	881,402	878,685	830,655
Public Fire Service	436,903	436,903	446,703	342,867
Total Service Charges	<u>10,370,176</u>	<u>9,785,911</u>	<u>9,772,570</u>	<u>9,140,849</u>
Rental Income	111,213	111,213	87,860	98,405
Miscellaneous	100,621	100,621	129,158	109,631
Total Operating Revenues	<u>10,582,010</u>	<u>9,997,745</u>	<u>9,989,588</u>	<u>9,348,885</u>
OPERATING EXPENSES				
Personnel				
Permanent	1,128,913	920,933	907,056	962,348
Overtime	116,166	101,736	113,884	75,534
Employee Benefits	861,143	491,929	382,119	411,304
Total Personnel	<u>2,106,222</u>	<u>1,514,598</u>	<u>1,403,059</u>	<u>1,449,186</u>
Purchase of Services				
Internal Services - Overhead & Support	1,193,838	1,035,399	1,017,840	849,937
Utilities	596,540	601,683	592,750	437,253
Engineering	42,000	33,254	39,000	46,674
Analyses (External)	83,856	185,000	198,300	59,422
Contract Operating Svcs	38,270	39,385	38,270	36,515
Compliance Expense	44,995	57,876	41,805	-
Maintenance Services	401,803	269,737	365,100	272,222
Fleet Management Services	24,000	23,212	25,000	28,391
Extraordinary Expenditures	-	-	-	-
Industrial Meter Testing & Repair	7,500	4,298	8,600	-
Miscellaneous Services	83,300	60,030	64,850	93,312
Water Purchases	2,149,400	2,106,172	2,124,400	2,167,057
Total Purchases of Services	<u>4,665,502</u>	<u>4,416,046</u>	<u>4,515,915</u>	<u>3,990,783</u>
Materials and Supplies				
Pump Supplies	37,900	44,911	38,500	39,969
Purification Supplies	119,600	111,815	113,100	60,563
Distribution & Transmission Supplies	109,460	80,568	79,330	86,624
Fleet Management Supplies	2,500	1,839	2,500	1,867
Misc. Materials & Supplies	41,524	53,349	54,600	29,177
Fuel & Mileage	66,300	50,003	66,150	40,625
Total Materials and Supplies	<u>377,284</u>	<u>342,485</u>	<u>354,180</u>	<u>258,825</u>
Equipment	185,720	150,178	150,400	36,111
Depreciation & Amortization	2,750,000	2,749,994	2,750,000	2,768,133
Total Operating Expenses	<u>10,084,728</u>	<u>9,173,301</u>	<u>9,173,554</u>	<u>8,503,038</u>
OPERATING INCOME	<u>497,282</u>	<u>824,444</u>	<u>816,034</u>	<u>845,847</u>

**LEHIGH COUNTY AUTHORITY
2020 BUDGET
SUBURBAN WATER**

STATEMENT OF CHANGES IN NET POSITION	2020 Budget	2019 Forecast	2019 Budget	2018 Actual
NON-OPERATING REVENUES				
Supply/Tapping Fees	387,000	387,730	387,000	184,915
Distribution Tapping Fees	85,000	84,260	80,000	36,490
Meter Sales	108,000	107,907	108,000	85,259
Inspection & Planning Review Fees	161,000	160,772	144,000	183,148
Project Reimbursement	-	-	-	-
Other	35,500	35,445	24,000	86,971
Total Non-Operating Revenues	<u>776,500</u>	<u>776,114</u>	<u>743,000</u>	<u>576,783</u>
NON-OPERATING (EXPENSES)				
Capital Charged to Expenses	(3,400)	(3,391)	-	-
Other Miscellaneous Expenses	-	-	-	(82,143)
Total Non-Operating Expenses	<u>(3,400)</u>	<u>(3,391)</u>	<u>-</u>	<u>(82,143)</u>
INCOME BEFORE INTEREST AND CONTRIBUTED CAPITAL	1,270,382	1,597,167	1,559,034	1,340,487
Interest Income	160,000	158,937	144,000	255,438
Interest (Expense)	<u>(1,508,789)</u>	<u>(1,496,071)</u>	<u>(1,466,582)</u>	<u>(1,576,659)</u>
INCOME BEFORE CONTRIBUTED CAPITAL	(78,407)	260,033	236,452	19,266
CONTRIBUTED CAPITAL	<u>-</u>	<u>-</u>	<u>-</u>	<u>1,793,798</u>
NET INCOME	<u>(78,407)</u>	<u>260,033</u>	<u>236,452</u>	<u>1,813,064</u>

**LEHIGH COUNTY AUTHORITY
2020 BUDGET
SUBURBAN WATER**

CASH FLOWS	2020 Budget	2019 Forecast	2019 Budget	2018 Actual
Operating Revenues	10,582,010	9,997,745	9,989,588	9,348,885
Operating Expenses	(10,084,728)	(9,173,301)	(9,173,554)	(8,503,040)
Add: Depreciation Expense	<u>2,750,000</u>	<u>2,749,994</u>	<u>2,750,000</u>	<u>2,768,133</u>
Net Operating Cash	3,247,282	3,574,438	3,566,034	3,613,978
Interest Income	<u>160,000</u>	<u>158,937</u>	<u>144,000</u>	<u>255,439</u>
Net Cash Available For Debt Service	<u>3,407,282</u>	<u>3,733,375</u>	<u>3,710,034</u>	<u>3,869,417</u>
Debt Service				
Interest Paid	(1,508,789)	(1,496,071)	(1,466,582)	(1,499,805)
Financing Fees Paid	-	-	-	-
Princial Paid	<u>(1,832,775)</u>	<u>(1,724,544)</u>	<u>(1,725,120)</u>	<u>(1,693,208)</u>
Total Debt Service	<u>(3,341,564)</u>	<u>(3,220,615)</u>	<u>(3,191,702)</u>	<u>(3,193,013)</u>
NET CASH AVAILABLE AFTER DEBT SERVICE	65,718	512,760	518,332	676,404
Non-Operating Revenues	776,500	776,114	743,000	576,783
Less: Project Reimbursement	-	-	-	-
Non-Operating Expenses	(3,400)	(3,391)	-	(82,143)
Less: Capital Charged to Expenses	3,400	3,391	-	82,143
Working Capital Changes	<u>-</u>	<u>7,587,177</u>	<u>-</u>	<u>(5,531,610)</u>
NET CASH AVAILABLE FOR CAPITAL	842,218	8,876,051	1,261,332	(4,278,423)
Financing & Investment Activity				
Project Reimbursements	-	-	-	-
Investments converting to Cash	-	2,571,258	6,570,850	11,501,487
New Borrowing	5,119,500	-	-	-
Cash Investments	-	-	-	(2,161,990)
Capital Spending	<u>(8,010,000)</u>	<u>(8,249,662)</u>	<u>(10,210,540)</u>	<u>(5,348,970)</u>
NET CASH FLOW TO FUND	<u>(2,048,282)</u>	<u>3,197,647</u>	<u>(2,378,358)</u>	<u>(287,896)</u>

**2020 BUDGET
SUBURBAN DIVISION
WATER FUND
CAPITAL EXPENDITURES**

Project	Primary Project Category	Estimated Project Cost	Estimated Costs Through 2019	2020 Budget	Estimated Costs 2021 - 2024
<u>LCA Funded Projects</u>					
Annual Projects	AM - Varies	\$ 8,042,500	-	\$ 1,672,500	6,370,000
Water Main Replacement Projects	AM - Varies	\$ 9,600,000	-	-	9,600,000
CLD Auxiliary Pump Station & Main Extension	Sys Imp	\$ 1,900,000	1,700,000	200,000	-
Water Meter Reading Equipment Upgrade	AM - Med	\$ 4,000,000	2,500,000	1,500,000	-
Upper Milford Central Division Improvements (Buss Acres)	AM - High	\$ 2,500,000	200,000	2,300,000	-
Additional (Redundant) Water Supply - Small Satellite Divisions	Sys Imp	\$ 930,000	60,000	300,000	570,000
North Whitehall Division System Improvements	Sys Imp	N/A	-	50,000	N/A
Fixed Base Metering Reading System	Sys Imp	N/A	-	50,000	N/A
Arcadia Water Tank Replacement	Sys Imp	N/A	-	100,000	N/A
Central Lehigh to Upper Milford Division Interconnection	New Cust	\$ 1,800,000	480,000	1,320,000	-
CLD Well Improvements	AM - Med	\$ 150,000	40,000	60,000	50,000
CLD Distribution System Improvements	Sys Imp	\$ 130,000	40,000	60,000	30,000
Total Suburban Division Water Capital Expenditures (Funded):			<u>\$ 5,020,000</u>	<u>\$ 7,612,500</u>	<u>\$ 16,620,000</u>
Allocated Admin				<u>\$ 397,500</u>	
				<u>\$ 8,010,000</u>	

Suburban Wastewater

**LEHIGH COUNTY AUTHORITY - SUBURBAN WASTEWATER
2020 BUDGET
CONDENSED STATEMENTS**

	SUBURBAN WASTEWATER				
	2020	2019	2019	2018	2020 vs.
INCOME STATEMENT (\$)	Budget	Forecast	Budget	Actuals	2019 FC
Operating Revenues	16,446,154	14,425,933	13,676,460	14,014,429	2,020,221
Operating Expenses	16,958,646	16,583,321	15,340,845	15,348,875	(375,325)
Operating Income	(512,492)	(2,157,388)	(1,664,385)	(1,334,446)	1,644,896
Non-Operating Revenues (Expenses)	(153,718)	(416,487)	(1,385,510)	531,113	262,769
Income Before Interest	(666,210)	(2,573,875)	(3,049,895)	(803,333)	1,907,665
Interest Income	200,000	266,086	75,000	222,306	(66,086)
Interest Expense	(803,082)	(208,913)	(206,346)	(197,000)	(594,169)
Income Before Capital Contributions	(1,269,292)	(2,516,702)	(3,181,241)	(778,027)	1,247,410
Capital Contributions	-	-	-	34,894	-
Net Income	(1,269,292)	(2,516,702)	(3,181,241)	(743,133)	1,247,410
CASH FLOWS (INDIRECT) (\$)	2020	2019	2019	2018	2020 vs.
	Budget	Forecast	Budget	Actuals	2019 FC
Net Cash Provided By (Used In) Operating Activities	4,090,508	2,053,708	2,876,380	3,067,234	2,036,800
Net Cash Provided By (Used In) Non-Capital Financing Activities	200,000	266,086	75,000	222,306	(66,086)
Net Cash Provided By (Used In) Capital and Related Financing Activities	13,194,347	(10,333,642)	(11,689,486)	(2,807,035)	23,527,989
Net Cash Provided By (Used In) Investing Activities	-	6,455,704	3,500,000	2,051,459	(6,455,704)
Net Increase (Decrease) in Cash	17,484,855	(1,558,144)	(5,238,106)	2,533,964	19,042,999
Cash - Beginning of Year	7,522,470	9,080,614	9,080,614	6,546,650	(1,558,144)
Cash - End of Year	25,007,325	7,522,470	3,842,508	9,080,614	17,484,855
CASH FLOW (DIRECT) (\$)	2020	2019	2019	2018	2020 vs.
	Budget	Forecast	Budget	Actuals	2019 FC
Operating Revenues	16,446,154	14,425,933	13,676,460	14,014,429	2,020,221
Operating Expenses (ex D&A)	(12,355,646)	(11,980,997)	(10,800,080)	(10,858,478)	(374,649)
Cash From Operations	4,090,508	2,444,936	2,876,380	3,155,951	1,645,572
Interest Received	200,000	266,086	75,000	222,306	(66,086)
Cash Available for Debt Service	4,290,508	2,711,022	2,951,380	3,378,257	1,579,486
Debt Service	(1,616,435)	(693,413)	(684,476)	(681,839)	(923,022)
Net Cash Available After Debt Service	2,674,073	2,017,609	2,266,904	2,696,418	656,464
Non-Operating Revenues (Expenses)	846,282	1,812,063	825,000	561,989	(965,781)
Changes in Working Capital	-	(391,228)	-	(88,717)	391,228
Net Cash Available For Capital	3,520,355	3,438,444	3,091,904	3,169,690	81,911
Financing & Investment Activity	22,635,000	6,455,704	3,501,000	2,051,459	16,179,296
Capital Spending	(8,670,500)	(11,452,292)	(11,831,010)	(2,687,185)	2,781,792
Net Cash Flow	17,484,855	(1,558,144)	(5,238,106)	2,533,964	19,042,999
Beginning Balance	7,522,470	9,080,614	9,080,614	6,546,650	(1,558,144)
Ending Balance	25,007,325	7,522,470	3,842,508	9,080,614	17,484,855
DEBT SERVICE COVERAGE RATIO	3.18	6.52	5.52	5.78	(3.35)
BALANCE SHEET (\$)	2020	2019	2018		
	Budget	Forecast	Actuals		
Assets and Deferred Outflows					
Cash and Cash Equivalents	24,669,763	7,184,908	8,743,052		
Investments - Unrestricted	-	-	6,455,704		
Other Current Assets	7,908,990	7,908,990	7,517,762		
Cash and Cash Equivalents - Restricted	337,562	337,562	337,562		
Investments - Restricted	-	-	-		
Other Restricted Assets	-	-	-		
Capital Assets, net of Accumulated Depreciation	93,375,211	90,307,711	85,686,293		
Other Long-Term Assets	1,959,110	1,959,110	1,959,110		
Deferred Outflows	256,424	256,424	256,424		
Total Assets and Deferred Outflows	128,507,060	107,954,705	110,955,907		
Liabilities and Net Position					
Current Liabilities	3,216,808	3,216,808	3,216,808		
Long-Term Liabilities	29,213,574	7,391,927	7,876,427		
Net Position	96,076,678	97,345,970	99,862,672		
Total Liabilities and Net Position	128,507,060	107,954,705	110,955,907		

**LEHIGH COUNTY AUTHORITY - SUBURBAN WASTEWATER
2020 BUDGET
CASH FLOW (DIRECT)**

\$'s	2020 Budget	2019 Forecast	2019 Budget	2018 Actuals	2020 vs. 2019 FC
OPERATING REVENUES					
Charges for Services	16,446,154	14,425,933	13,676,460	14,014,429	2,020,221
Rent	-	-	-	-	-
Other income	-	-	-	-	-
Total Operating Revenues	<u>16,446,154</u>	<u>14,425,933</u>	<u>13,676,460</u>	<u>14,014,429</u>	<u>2,020,221</u>
OPERATING EXPENSES (CASH BASED)					
Salaries and Wages	(574,986)	(556,785)	(420,095)	(462,145)	(18,201)
General and Administrative	(870,253)	(659,594)	(474,363)	(580,467)	(210,659)
Utilities	(464,325)	(422,393)	(338,035)	(290,201)	(41,932)
Materials and Supplies	(430,139)	(350,914)	(459,324)	(264,744)	(79,225)
Miscellaneous Services	(6,688,264)	(6,445,866)	(6,458,708)	(5,717,168)	(242,398)
Treatment and Transportation	(3,327,679)	(3,545,445)	(2,649,555)	(3,543,753)	217,766
Total Operating Expenses	<u>(12,355,646)</u>	<u>(11,980,997)</u>	<u>(10,800,080)</u>	<u>(10,858,478)</u>	<u>(374,649)</u>
CASH FROM OPERATIONS	<u>4,090,508</u>	<u>2,444,936</u>	<u>2,876,380</u>	<u>3,155,951</u>	<u>1,645,572</u>
Interest Received	200,000	266,086	75,000	222,306	(66,086)
CASH AVAILABLE FOR DEBT SERVICE	<u>4,290,508</u>	<u>2,711,022</u>	<u>2,951,380</u>	<u>3,378,257</u>	<u>1,579,486</u>
DEBT SERVICE					
Interest and Fees Paid	(803,082)	(208,913)	(206,346)	(197,000)	(594,169)
Principal Paid	(813,353)	(484,500)	(478,130)	(484,839)	(328,853)
Total Debt Service	<u>(1,616,435)</u>	<u>(693,413)</u>	<u>(684,476)</u>	<u>(681,839)</u>	<u>(923,022)</u>
NET CASH AVAILABLE AFTER DEBT SERVICE	<u>2,674,073</u>	<u>2,017,609</u>	<u>2,266,904</u>	<u>2,696,418</u>	<u>656,464</u>
	2.65	3.91	4.31	4.95	(1.26)
NON-OPERATING REVENUES (EXPENSES)					
Tapping and Capital Recovery Fees	800,000	1,744,841	800,000	523,526	(944,841)
Meter Sales	-	-	-	-	-
Inspection, Plan Reviews, and Project Reimbursements	45,282	20,282	25,000	37,773	25,000
Other Income	1,000	46,940	1,000	690	(45,940)
Less: Project Reimbursement	-	-	(1,000)	-	-
Other Expense	(1,000,000)	(2,228,550)	(2,211,510)	(30,876)	1,228,550
Less: Expensed Capex	1,000,000	2,228,550	2,211,510	30,876	(1,228,550)
Total Non-Operating Revenues (Expenses)	<u>846,282</u>	<u>1,812,063</u>	<u>825,000</u>	<u>561,989</u>	<u>(965,781)</u>
Changes in Assets and Liabilities	-	(391,228)	-	(88,717)	391,228
NET CASH AVAILABLE FOR CAPITAL	<u>3,520,355</u>	<u>3,438,444</u>	<u>3,091,904</u>	<u>3,169,690</u>	<u>81,911</u>
FINANCING AND INVESTMENT ACTIVITY					
Grants Received	-	-	-	-	-
New Borrowing	22,635,000	-	-	-	22,635,000
Investments Converted to Cash	-	6,455,704	3,500,000	5,206,318	(6,455,704)
New Investments From Cash	-	-	-	(3,154,859)	-
Annual Lease Payments	-	-	-	-	-
Project Reimbursements	-	-	1,000	-	-
Total Financing & Investment Activity	<u>22,635,000</u>	<u>6,455,704</u>	<u>3,501,000</u>	<u>2,051,459</u>	<u>16,179,296</u>
CAPITAL SPENDING					
Net Capital Spending	(7,670,500)	(9,223,742)	(9,619,500)	(2,656,309)	1,553,242
Add: Expensed Capex	(1,000,000)	(2,228,550)	(2,211,510)	(30,876)	1,228,550
Total Capital Spending	<u>(8,670,500)</u>	<u>(11,452,292)</u>	<u>(11,831,010)</u>	<u>(2,687,185)</u>	<u>2,781,792</u>
NET CASH FLOW TO FUND	<u>17,484,855</u>	<u>(1,558,144)</u>	<u>(5,238,106)</u>	<u>2,533,964</u>	<u>19,042,999</u>

**LEHIGH COUNTY AUTHORITY - SUBURBAN WASTEWATER
2020 BUDGET
CASH FLOW (DIRECT)**

\$'s	<u>2020 Budget</u>	<u>2019 Forecast</u>	<u>2019 Budget</u>	<u>2018 Actuals</u>	<u>2020 vs. 2019 FC</u>
DEBT SERVICE RATIO (INDENTURE BASED)					
Total Operating Revenues	16,446,154	14,425,933	13,676,460	14,014,429	2,020,221
Total Operating Expenses (Cash Based)	(12,355,646)	(11,980,997)	(10,800,080)	(10,858,478)	(374,649)
Interest Income	200,000	266,086	75,000	222,306	(66,086)
Annual Lease Payment (City)	-	-	-	-	-
Total Non-Operating Revenues (Expenses)	<u>846,282</u>	<u>1,812,063</u>	<u>825,000</u>	<u>561,989</u>	<u>(965,781)</u>
Cash Available For Debt Service	5,136,790	4,523,085	3,776,380	3,940,246	613,705
Total Debt Service	<u>1,616,435</u>	<u>693,413</u>	<u>684,476</u>	<u>681,839</u>	<u>923,022</u>
Debt Service Ratio	<u>3.18</u>	<u>6.52</u>	<u>5.52</u>	<u>5.78</u>	<u>(3.35)</u>
CAPITAL COVERAGE RATIO					
Net Available for Capital	3,520,355	3,438,444	3,092,904	3,169,690	81,911
Total Capex	<u>8,670,500</u>	<u>11,452,292</u>	<u>11,831,010</u>	<u>2,687,185</u>	<u>(2,781,792)</u>
Capital Coverage Ratio	<u>0.41</u>	<u>0.30</u>	<u>0.26</u>	<u>1.18</u>	<u>0.11</u>
SUMMARY OF ACCOUNT BALANCES					
Cash - Operations	6,143,506	5,469,433			
Cash - Project Reserves	18,526,257	1,715,475			
Cash - Restricted	<u>337,562</u>	<u>337,562</u>			
Total Cash Accounts	<u>25,007,325</u>	<u>7,522,470</u>			
Investments - Operations					
Investments - Project Reserves	-	-			
Investments - Restricted	<u>-</u>	<u>-</u>			
Total Investments	<u>-</u>	<u>-</u>			
TOTAL BALANCES	<u>25,007,325</u>	<u>7,522,470</u>			

**LEHIGH COUNTY AUTHORITY - SUBURBAN WASTEWATER
2020 BUDGET
CASH FLOW BRIDGE - 2020 BUDGET vs. 2019 FORECAST
\$USD**

NET CASH FLOW PER 2019 FORECAST	<u>(1,558,144)</u>	
Revenues		
Signatory Revenues	2,020,221	Higher signatory flows and loads with operating expenses inflated by 3.0%
WWTP Revenues	<u>-</u>	No increase budgeted
Total Revenues	<u>2,020,221</u>	
Operating expenses		
Salaries & Wages	(18,201)	3.0% wage pool increase
Benefits	(150,571)	18.0% increase in benefits for health care and pension
General inflation	(148,681)	2.0% general inflation
		Increase in spending levels with increased spending for purchased services, materials & supplies, and equipment
Other Spending levels		
Utilities	(32,828)	7.8% increase in usage
Materials & Supplies	(70,791)	20.2% increase in spending levels
Services	(111,255)	1.73% increase in spending levels
Treatment & Transportation	<u>217,766</u>	Lower T&T costs
Total Operating expense spending levels	<u>(314,561)</u>	3.0% overall increase in spending volumes
Internal Service Charged in	<u>(60,088)</u>	Higher charges coming in from Internal Services
Interest Income	<u>(66,086)</u>	Lower investment balances and lower interest rates
Debt Service	<u>(923,022)</u>	Higher due to new borrowing
Non-Operating Revenues (Expenses)		
Change in Non-Operating revenues (expenses)	<u>(965,781)</u>	Higher allocation sales in 2019 not repeating
Financing activity		
Investments converting to cash	<u>(6,455,704)</u>	No maturities for 2020, new borrowing of \$17.6m
New Borrowing	<u>22,635,000</u>	New borrowing for capex
Working capital Changes	<u>391,228</u>	Some reduction in receivables balances
Capital Spending/Funding	<u>2,781,792</u>	Decrease in capex
Net Changes	<u>19,042,999</u>	
NET CASH FLOW PER 2020 BUDGET	<u>17,484,855</u>	

**LEHIGH COUNTY AUTHORITY - SUBURBAN WASTEWATER
2020 BUDGET
STATEMENT OF CHANGES IN NET POSITION**

\$'s	<u>2020 Budget</u>	<u>2019 Forecast</u>	<u>2019 Budget</u>	<u>2018 Actuals</u>	<u>2020 vs. 2019 FC</u>
OPERATING REVENUES					
Charges for Services	16,446,154	14,425,933	13,676,460	14,014,429	2,020,221
Rent	-	-	-	-	-
Other income	-	-	-	-	-
Total Operating Revenues	<u>16,446,154</u>	<u>14,425,933</u>	<u>13,676,460</u>	<u>14,014,429</u>	<u>2,020,221</u>
OPERATING EXPENSES					
Salaries and Wages	574,986	556,785	420,095	462,145	(18,201)
General and Administrative	870,253	659,594	474,363	580,467	(210,659)
Utilities	464,325	422,393	338,035	290,201	(41,932)
Materials and Supplies	430,139	350,914	459,324	264,744	(79,225)
Miscellaneous Services	6,688,264	6,445,866	6,458,708	5,717,168	(242,398)
Treatment and Transportation	3,327,679	3,545,445	2,649,555	3,543,753	217,766
Depreciation and Amortization	4,603,000	4,602,324	4,540,765	4,490,397	(676)
Total Operating Expenses	<u>16,958,646</u>	<u>16,583,321</u>	<u>15,340,845</u>	<u>15,348,875</u>	<u>(375,325)</u>
Operating Income (Loss)	<u>(512,492)</u>	<u>(2,157,388)</u>	<u>(1,664,385)</u>	<u>(1,334,446)</u>	<u>1,644,896</u>
NON-OPERATING REVENUES (EXPENSES)					
Tapping and Capital Recovery Fees	800,000	1,744,841	800,000	523,526	(944,841)
Meter Sales	-	-	-	-	-
Inspection, Plan Reviews, and Project Reimbursements	45,282	20,282	25,000	37,773	25,000
Other Income	1,000	46,940	1,000	690	(45,940)
Other Expense	(1,000,000)	(2,228,550)	(2,211,510)	(30,876)	1,228,550
Total Non-Operating Revenues (Expenses)	<u>(153,718)</u>	<u>(416,487)</u>	<u>(1,385,510)</u>	<u>531,113</u>	<u>262,769</u>
Income Before Interest	<u>(666,210)</u>	<u>(2,573,875)</u>	<u>(3,049,895)</u>	<u>(803,333)</u>	<u>1,907,665</u>
Interest Income	200,000	266,086	75,000	222,306	(66,086)
Interest Expense	<u>(803,082)</u>	<u>(208,913)</u>	<u>(206,346)</u>	<u>(197,000)</u>	<u>(594,169)</u>
Increase (Decrease) in Net Position Before Capital Contributions	<u>(1,269,292)</u>	<u>(2,516,702)</u>	<u>(3,181,241)</u>	<u>(778,027)</u>	<u>1,247,410</u>
CAPITAL CONTRIBUTIONS					
Capital Grants	-	-	-	-	-
Capital Assets Provided	-	-	-	34,894	-
Total Capital Contributions	<u>-</u>	<u>-</u>	<u>-</u>	<u>34,894</u>	<u>-</u>
INCREASE (DECREASE) IN NET POSITION	<u>(1,269,292)</u>	<u>(2,516,702)</u>	<u>(3,181,241)</u>	<u>(743,133)</u>	<u>1,247,410</u>
Net Position Beginning of Year	97,345,970	99,862,672	99,862,672	100,605,805	(2,516,702)
Cumulative Changes	-	-	-	-	-
NET POSITION AT END OF YEAR	<u>96,076,678</u>	<u>97,345,970</u>	<u>96,681,431</u>	<u>99,862,672</u>	<u>(1,269,292)</u>

**LEHIGH COUNTY AUTHORITY - SUBURBAN WASTEWATER
2020 BUDGET
CASH FLOW (INDIRECT)**

\$'s	<u>2020 Budget</u>	<u>2019 Forecast</u>	<u>2019 Budget</u>	<u>2018 Actuals</u>	<u>2020 vs. 2019 FC</u>
CASH FLOWS FROM OPERATING ACTIVITIES					
Operating Income (Loss)	(512,492)	(2,157,388)	(1,664,385)	(1,334,446)	1,644,896
Adjustments:					
Depreciation and Amortization	4,603,000	4,602,324	4,540,765	4,490,397	676
Changes in Assets and Liabilities	-	(391,228)	-	(88,717)	391,228
Net Cash Provided By (Used In) Operating Activities	<u>4,090,508</u>	<u>2,053,708</u>	<u>2,876,380</u>	<u>3,067,234</u>	<u>2,036,800</u>
CASH FLOWS FROM NON-CAPITAL FINANCING ACTIVITIES					
Interest Received	200,000	266,086	75,000	222,306	(66,086)
Facility Improvements	-	-	-	-	-
Annual Lease Payments	-	-	-	-	-
Transfers From/To	-	-	-	-	-
Net Cash Provided By (Used In) Non-Capital Financing Activities	<u>200,000</u>	<u>266,086</u>	<u>75,000</u>	<u>222,306</u>	<u>(66,086)</u>
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES					
Non-Operating Revenues Received	846,282	1,812,063	826,000	561,989	(965,781)
Capital Spending	(8,670,500)	(11,452,292)	(11,831,010)	(2,687,185)	2,781,792
Borrowing Proceeds	22,635,000	-	-	-	22,635,000
Interest Payments	(803,082)	(208,913)	(206,346)	(197,000)	(594,169)
Principal Payments	(813,353)	(484,500)	(478,130)	(484,839)	(328,853)
Net Cash Provided By (Used In) Capital and Related Financing Activities	<u>13,194,347</u>	<u>(10,333,642)</u>	<u>(11,689,486)</u>	<u>(2,807,035)</u>	<u>23,527,989</u>
CASH FLOWS FROM INVESTING ACTIVITIES					
Investment Maturities	-	6,455,704	3,500,000	5,206,318	(6,455,704)
Investment Purchases	-	-	-	(3,154,859)	-
Interest Received on Investments	-	-	-	-	-
Net Cash Provided By (Used In) Investing Activities	<u>-</u>	<u>6,455,704</u>	<u>3,500,000</u>	<u>2,051,459</u>	<u>(6,455,704)</u>
NET INCREASE (DECREASE) IN CASH	17,484,855	(1,558,144)	(5,238,106)	2,533,964	19,042,999
Cash - Beginning of Year	<u>7,522,470</u>	<u>9,080,614</u>	<u>9,080,614</u>	<u>6,546,650</u>	<u>(1,558,144)</u>
CASH - END OF YEAR	<u>25,007,325</u>	<u>7,522,470</u>	<u>3,842,508</u>	<u>9,080,614</u>	<u>17,484,855</u>
SUMMARY OF ACCOUNT BALANCES					
Cash - Operations	6,143,506	5,469,433			
Cash - Project Reserves	18,526,257	1,715,475			
Cash - Restricted	<u>337,562</u>	<u>337,562</u>			
Total Cash Accounts	<u>25,007,325</u>	<u>7,522,470</u>			
Investments - Operations	-	-			
Investments - Project Reserves	-	-			
Investments - Restricted	-	-			
Total Investments	<u>-</u>	<u>-</u>			
TOTAL BALANCES	<u>25,007,325</u>	<u>7,522,470</u>			

**LEHIGH COUNTY AUTHORITY
2020 BUDGET
BALANCE SHEET**

	SUBURBAN WASTEWATER		
	2020	2019	2018
ASSETS AND DEFERRED OUTFLOWS	Budget	Forecast	Actuals
CURRENT ASSETS			
Cash and Cash Equivalents	24,669,763	7,184,908	8,743,052
Certificates of Deposit	-	-	6,455,704
Accounts Receivable - Customers	4,118,091	4,118,091	3,726,863
Accounts Receivable - Financing Contracts	316,797	316,797	316,797
Accounts Receivable - Others	509,247	509,247	509,247
Due From (To) Other Funds	2,817,997	2,817,997	2,817,997
Inventories	-	-	-
Accrued Interest Receivable	23,832	23,832	23,832
Prepaid Expenses	123,026	123,026	123,026
Total Current Assets	32,578,753	15,093,898	22,716,518
NON-CURRENT ASSETS			
Restricted			
Cash and Cash Equivalents	337,562	337,562	337,562
Certificates of Deposit	-	-	-
Investment - US Treasury Obligations	-	-	-
Developer Escrow Deposits	-	-	-
Accrued Interest Receivable	-	-	-
Total Restricted Assets	337,562	337,562	337,562
Capital Assets			
Land	1,837,891	1,837,891	1,837,891
Construction in Progress	10,052,683	10,052,683	10,052,683
Wells and Reservoirs	3,494,643	3,494,643	3,494,643
Transmission and Distribution Mains	-	-	-
Service and Hydrants	-	-	-
Interceptor and Collector Systems	38,036,405	38,036,405	38,036,405
Buildings and Structures	54,910,406	54,910,406	54,910,406
Metering System	429,777	429,777	429,777
Equipment and Furnishings	39,446,165	31,775,665	22,551,923
Capacity	2,062,956	2,062,956	2,062,956
LESS: Accumulated Depreciation	(56,895,715)	(52,292,715)	(47,690,391)
Total Capital Assets	93,375,211	90,307,711	85,686,293
Other Assets			
Long-term Portion of Receivables and Financing Contracts	1,856,283	1,856,283	1,856,283
Intangible Service Concession Arrangement	-	-	-
OPEB Asset	-	-	-
Other Miscellaneous Assets	-	-	-
Facilities Planning Costs, Net	102,827	102,827	102,827
Total Other Assets	1,959,110	1,959,110	1,959,110
Total Non-Current Assets	95,671,883	92,604,383	87,982,965
TOTAL ASSETS	128,250,636	107,698,281	110,699,483
Deferred Outflows			
Pensions	256,424	256,424	256,424
Refunding Loss on Bonds	-	-	-
Total Deferred Outflows	256,424	256,424	256,424
TOTAL ASSETS AND DEFERRED OUTFLOWS	128,507,060	107,954,705	110,955,907

**LEHIGH COUNTY AUTHORITY
2020 BUDGET
BALANCE SHEET**

	SUBURBAN WASTEWATER		
	2020	2019	2018
LIABILITIES AND NET POSITION	Budget	Forecast	Actuals
Current Liabilities:			
Accounts Payable - Trade	2,434,731	2,434,731	2,434,731
Accounts Payable - Capital	150,835	150,835	150,835
Accrued Interest Payable	3,346	3,346	3,346
Notes Payable	420,205	420,205	420,205
Revenue Bonds Payable	65,572	65,572	65,572
Developer Deposits and Other	6,019	6,019	6,019
Accrued Expenses	136,100	136,100	136,100
Total Current Liabilities	3,216,808	3,216,808	3,216,808
Non-Current Liabilities			
Developer Deposits and Other	-	-	-
SCA Payable	-	-	-
Notes Payable	6,029,617	6,029,617	6,029,617
OPEB Liability	-	-	-
Net Pension Liability	351,481	351,481	351,481
Revenue Bonds Payable	22,832,476	1,010,829	1,495,329
Total Non-Current Liabilities	29,213,574	7,391,927	7,876,427
Total Liabilities	32,430,382	10,608,735	11,093,235
Net Position:			
Net investment in Capital Assets	73,889,576	75,158,868	77,675,570
Restricted Debt Service	-	-	-
Unrestricted	22,187,102	22,187,102	22,187,102
Total Net Position	96,076,678	97,345,970	99,862,672
TOTAL LIABILITIES AND NET POSITION	128,507,060	107,954,705	110,955,907
<i>Check</i>	-	-	-

**LEHIGH COUNTY AUTHORITY - SUBURBAN WASTEWATER
2020 BUDGET
CASH FLOW (DIRECT BY ACCOUNT)**

\$000's	2020 Budget	2019 Forecast
<u>OPERATIONS - CASH</u>		
OPERATING REVENUES		
Charges for Services	16,446,154	14,425,933
Rent	-	-
Other income	-	-
Total Operating Revenues	<u>16,446,154</u>	<u>14,425,933</u>
OPERATING EXPENSES (CASH BASED)		
Salaries and Wages	(574,986)	(556,785)
General and Administrative	(870,253)	(659,594)
Utilities	(464,325)	(422,393)
Materials and Supplies	(430,139)	(350,914)
Miscellaneous Services	(6,688,264)	(6,445,866)
Treatment and Transportation	(3,327,679)	(3,545,445)
Total Operating Expenses	<u>(12,355,646)</u>	<u>(11,980,997)</u>
CASH FROM OPERATIONS	<u>4,090,508</u>	<u>2,444,936</u>
Interest Received	<u>200,000</u>	<u>266,086</u>
CASH AVAILABLE FOR DEBT SERVICE	<u>4,290,508</u>	<u>2,711,022</u>
DEBT SERVICE		
Interest and Fees Paid	(803,082)	(208,913)
Principal Paid	(813,353)	(484,500)
Total Debt Service	<u>(1,616,435)</u>	<u>(693,413)</u>
NET CASH AVAILABLE AFTER DEBT SERVICE	<u>2,674,073</u>	<u>2,017,609</u>
Changes in Assets and Liabilities	<u>-</u>	<u>(391,228)</u>
NET CASH FROM OPERATIONS AVAILABLE FOR CAPITAL	<u>2,674,073</u>	<u>1,626,381</u>
Investments Converted Into Cash	-	-
Cash Converted to Investments	-	-
Cash from Restricted Balances	-	-
Cash to Restricted Balances	-	-
Cash provided for Capital Projects	<u>(2,000,000)</u>	<u>(4,900,000)</u>
NET FLOW - OPERATING CASH	674,073	(3,273,619)
Beginning Balance	<u>5,469,433</u>	<u>8,743,052</u>
OPERATING CASH - ENDING BALANCE	<u><u>6,143,506</u></u>	<u><u>5,469,433</u></u>

**LEHIGH COUNTY AUTHORITY - SUBURBAN WASTEWATER
2020 BUDGET
CASH FLOW (DIRECT BY ACCOUNT)**

\$000's	2020 Budget	2019 Forecast
<u>OPERATIONS - INVESTMENTS</u>		
Cash provided to investments	-	-
Maturities converted to cash	-	-
From (To) Restricted	-	-
NET FLOW - OPERATING INVESTMENTS	-	-
Beginning Balance	-	-
OPERATING INVESTMENTS - ENDING BALANCE	-	-
<u>PROJECT RESERVES - CASH</u>		
CASH PROVIDED FROM OPERATIONS	2,000,000	4,900,000
NON-OPERATING REVENUES (EXPENSES)		
Tapping and Capital Recovery Fees	800,000	1,744,841
Meter Sales	-	-
Inspection, Plan Reviews, and Project Reimbursements	45,282	20,282
Other Income	1,000	46,940
Less: Project Reimbursement	-	-
Other Expense	(1,000,000)	(2,228,550)
Less: Expensed Capex	1,000,000	2,228,550
Total Non-Operating Revenues (Expenses)	846,282	1,812,063
FINANCING AND INVESTMENT ACTIVITY		
Grants Received	-	-
New Borrowing	22,635,000	-
Investments Converted to Cash (Source)	-	6,455,704
New Investments From Cash (Use)	-	-
Annual Lease Payments - City	-	-
Project Reimbursements	-	-
Total Financing & Investment Activity	22,635,000	6,455,704
Interest Income	-	-
CAPITAL SPENDING		
Net Capital Spending	(7,670,500)	(9,223,742)
Add: Expensed Capex	(1,000,000)	(2,228,550)
Total Capital Spending	(8,670,500)	(11,452,292)
NET FLOW - PROJECT RESERVES CASH	16,810,782	1,715,475
Beginning Balance	1,715,475	-
PROJECT RESERVES CASH - ENDING BALANCE	18,526,257	1,715,475

**LEHIGH COUNTY AUTHORITY - SUBURBAN WASTEWATER
2020 BUDGET
CASH FLOW (DIRECT BY ACCOUNT)**

\$000's	2020 Budget	2019 Forecast
<u>PROJECT RESERVES - INVESTMENTS</u>		
New Investments From Cash (Source)	-	-
Investments Converted to Cash (Use)	-	(6,455,704)
Other	-	-
NET FLOW - PROJECT RESERVES INVESTMENTS	-	(6,455,704)
Beginning Balance	-	6,455,704
PROJECT RESERVES INVESTMENTS - ENDING BALANCE	-	-
<u>RESTRICTED - CASH</u>		
Sources	-	-
Uses	-	-
NET FLOW - RESTRICTED CASH	-	-
Beginning Balance	337,562	337,562
RESTRICTED CASH - ENDING BALANCE	337,562	337,562
<u>RESTRICTED - INVESTMENTS</u>		
Sources	-	-
Uses	-	-
NET FLOW - RESTRICTED INVESTMENTS	-	-
Beginning Balance	-	-
RESTRICTED INVESTMENTS - ENDING BALANCE	-	-
<u>SUMMARY OF ACCOUNT FLOWS</u>		
Cash - Operations	674,073	(3,273,619)
Cash - Project Reserves	16,810,782	1,715,475
Cash - Restricted	-	-
Total Cash Accounts	17,484,855	(1,558,144)
Investments - Operations	-	-
Investments - Project Reserves	-	(6,455,704)
Investments - Restricted	-	-
Total Investments	-	(6,455,704)
TOTAL FLOWS	17,484,855	(8,013,848)

**LEHIGH COUNTY AUTHORITY - SUBURBAN WASTEWATER
2020 BUDGET
CASH FLOW (DIRECT BY ACCOUNT)**

\$000's	2020 Budget	2019 Forecast
<u>SUMMARY OF ACCOUNT BALANCES</u>		
Cash - Operations	6,143,506	5,469,433
Cash - Project Reserves	18,526,257	1,715,475
Cash - Restricted	<u>337,562</u>	<u>337,562</u>
Total Cash Accounts	<u>25,007,325</u>	<u>7,522,470</u>
Investments - Operations	-	-
Investments - Project Reserves	-	-
Investments - Restricted	-	-
Total Investments	<u>-</u>	<u>-</u>
TOTAL BALANCES	<u>25,007,325</u>	<u>7,522,470</u>
	<i>Cash Check</i>	25,007,325
	<i>Diff</i>	-
	<i>Investment Check</i>	-
	<i>Diff</i>	-
DAYS ON HAND		
Operating Cash	181.5	166.6
Operating Investments	<u>-</u>	<u>-</u>
Total	<u>181.5</u>	<u>166.6</u>

**LEHIGH COUNTY AUTHORITY
2020 BUDGET
SUBURBAN WASTEWATER**

STATEMENT OF CHANGES IN NET POSITION	2020 Budget	2019 Forecast	2019 Budget	2018 Actual
OPERATING REVENUES				
Service Charges				
WLI	7,431,565	5,427,555	5,388,061	5,812,436
LLRI 1	539,290	523,583	578,943	523,477
LLRI 2	17,304	16,800	79,411	37,632
CRCS	716,478	716,478	862,945	557,639
W WEINBERG	300,182	300,182	259,494	71,322
WASHINGTON TWP	1,009	1,009	425,625	-
LYNN TWP	394,472	394,472	423,608	359,044
WTP	-	-	-	-
Hauler Fees	3,264,705	3,264,705	2,152,720	2,756,977
Industrial Charges	3,728,124	3,728,124	3,448,917	3,862,513
Penalties	53,025	53,025	56,736	42,081
Excess Removal Credits	-	-	-	-
Total Service Charges	<u>16,446,154</u>	<u>14,425,933</u>	<u>13,676,460</u>	<u>14,023,121</u>
Rental Income	-	-	-	-
Miscellaneous	-	-	-	-
Total Operating Revenues	<u>16,446,154</u>	<u>14,425,933</u>	<u>13,676,460</u>	<u>14,023,121</u>
OPERATING EXPENSES				
Personnel				
Permanent	555,111	504,539	399,920	424,108
Overtime	19,875	52,246	20,175	38,037
Employee Benefits	417,569	266,998	175,651	207,116
Total Personnel	<u>992,555</u>	<u>823,783</u>	<u>595,746</u>	<u>669,261</u>
Purchase of Services				
Internal Services - Overhead & Support	452,684	392,596	298,712	304,684
Utilities	464,325	422,393	338,035	290,201
Engineering	67,000	47,231	73,000	14,555
Exceptional Strength Analyses	43,000	-	43,000	-
General Analyses	52,800	60,377	35,000	60,974
Maintenance Services	329,300	353,069	576,665	318,258
Fleet Management Services	18,000	15,178	21,000	21,900
Residuals	101,000	73,557	75,500	-
Contract Operator	5,725,909	5,553,571	5,308,393	5,415,331
Compliance Expense	6,819	584	7,004	-
Treatment & Transportation	3,327,679	3,545,445	2,649,555	3,544,003
Extraordinary Expenditures	-	-	-	-
LCA WWTP Treatment/Removals	-	-	-	-
Miscellaneous Services	263,878	269,297	260,115	276,150
Rental Charges	73,748	68,566	54,781	68,667
System Planning/Capital Management	6,810	4,436	4,250	-
I/I Rehabilitation Program	-	-	-	-
Total Purchases of Services	<u>10,932,952</u>	<u>10,806,300</u>	<u>9,745,010</u>	<u>10,314,723</u>

**LEHIGH COUNTY AUTHORITY
2020 BUDGET
SUBURBAN WASTEWATER**

STATEMENT OF CHANGES IN NET POSITION	2020 Budget	2019 Forecast	2019 Budget	2018 Actual
Materials and Supplies				
Fuel	26,900	20,854	26,400	18,241
Fleet Management Supplies	1,500	1,093	1,750	-
Miscellaneous Materials & Supplies	254,059	145,136	222,950	140,717
Fuel & Mileage	-	-	-	-
Total Materials and Supplies	<u>282,459</u>	<u>167,083</u>	<u>251,100</u>	<u>158,958</u>
Equipment				
Equipment Purchases	147,680	183,831	172,602	136,412
Amortized Equipment	-	-	35,622	-
Total Equipment	<u>147,680</u>	<u>183,831</u>	<u>208,224</u>	<u>136,412</u>
Depreciation & Amortization	<u>4,603,000</u>	<u>4,602,324</u>	<u>4,540,765</u>	<u>4,490,397</u>
Total Operating Expenses	<u>16,958,646</u>	<u>16,583,321</u>	<u>15,340,845</u>	<u>15,769,751</u>
OPERATING INCOME	<u>(512,492)</u>	<u>(2,157,388)</u>	<u>(1,664,385)</u>	<u>(1,746,630)</u>
NON-OPERATING REVENUES				
Supply/Tapping Fees	800,000	1,744,841	800,000	523,626
Distribution Tapping Fees	-	-	-	-
Meter Sales	-	-	-	-
Inspection & Planning Review Fees	45,282	-	25,000	38,363
Project Reimbursement	-	20,282	-	-
Other	1,000	46,940	1,000	394,585
Total Non-Operating Revenues	<u>846,282</u>	<u>1,812,063</u>	<u>826,000</u>	<u>956,574</u>
NON-OPERATING (EXPENSES)				
Capital Charged to Expenses	(1,000,000)	(2,228,550)	(2,211,510)	-
Other Miscellaneous Expenses	-	-	-	(8,692)
Total Non-Operating Expenses	<u>(1,000,000)</u>	<u>(2,228,550)</u>	<u>(2,211,510)</u>	<u>(8,692)</u>
INCOME BEFORE INTEREST AND CONTRIBUTED CAPITAL	(666,210)	(2,573,875)	(3,049,895)	(798,748)
Interest Income	200,000	266,086	75,000	217,721
Interest (Expense)	<u>(803,082)</u>	<u>(208,913)</u>	<u>(206,346)</u>	<u>(197,000)</u>
INCOME BEFORE CONTRIBUTED CAPITAL	(1,269,292)	(2,516,702)	(3,181,241)	(778,027)
CONTRIBUTED CAPITAL	-	-	-	34,894
NET INCOME	<u>(1,269,292)</u>	<u>(2,516,702)</u>	<u>(3,181,241)</u>	<u>(743,133)</u>

**LEHIGH COUNTY AUTHORITY
2020 BUDGET
SUBURBAN WASTEWATER**

CASH FLOWS	2020 Budget	2019 Forecast	2019 Budget	2018 Actual
Operating Revenues	16,446,154	14,425,933	13,676,460	14,023,121
Operating Expenses	(16,958,646)	(16,583,321)	(15,340,845)	(15,769,751)
Add: Depreciation Expense	<u>4,603,000</u>	<u>4,602,324</u>	<u>4,540,765</u>	<u>4,490,397</u>
Net Operating Cash	4,090,508	2,444,936	2,876,380	2,743,767
Interest Income	<u>200,000</u>	<u>266,086</u>	<u>75,000</u>	<u>222,306</u>
NET CASH AVAILABLE FOR DEBT SERVICE	<u>4,290,508</u>	<u>2,711,022</u>	<u>2,951,380</u>	<u>2,966,073</u>
Debt Service				
Interest Paid	(803,082)	(208,913)	(206,346)	(197,000)
Princial Paid	<u>(813,353)</u>	<u>(484,500)</u>	<u>(478,130)</u>	<u>(484,839)</u>
Total Debt Service	<u>(1,616,435)</u>	<u>(693,413)</u>	<u>(684,476)</u>	<u>(681,839)</u>
NET CASH AVAILABLE AFTER DEBT SERVICE	2,674,073	2,017,609	2,266,904	2,284,234
Non-Operating Revenues	846,282	1,812,063	826,000	974,173
Less: Project Reimbursement	-	-	(1,000)	-
Non-Operating Expenses	(1,000,000)	(2,228,550)	(2,211,510)	(30,876)
Less: Capital Charged to Expenses	1,000,000	2,228,550	2,211,510	30,876
Working Capital Changes	<u>-</u>	<u>(391,228)</u>	<u>-</u>	<u>(88,717)</u>
NET CASH AVAILABLE FOR CAPITAL	3,520,355	3,438,444	3,091,904	3,169,690
Financing & Investment Activity				
Project Reimbursements	-	-	1,000	-
Investments converting to Cash	-	6,455,704	3,500,000	5,206,318
New Borrowing	22,635,000	-	-	-
Cash Investments	-	-	-	(3,154,859)
Capital Spending	<u>(8,670,500)</u>	<u>(11,452,292)</u>	<u>(11,831,010)</u>	<u>(2,687,185)</u>
NET CASH FLOW TO FUND	<u>17,484,855</u>	<u>(1,558,144)</u>	<u>(5,238,106)</u>	<u>2,533,964</u>

**2020 BUDGET
SUBURBAN DIVISION
WASTEWATER FUND
CAPITAL EXPENDITURES**

Project	Primary Project Category	Estimated Project Cost	Estimated Costs Through 2019	2020 Budget	Estimated Costs 2021 - 2024
General:					
Annual Projects	AM - Varies	\$ 1,783,500	\$ -	\$ 320,500	\$ 1,463,000
Subtotal			-	320,500	1,463,000
LCA Wastewater Treatment Plant					
Pretreatment Plant Improvements	AM - Varies	3,500,000	-	700,000	2,800,000
Subtotal			-	700,000	2,800,000
Western Lehigh Interceptor System:					
Central Lehigh County WW Capacity Planning & Expansion	New Cust	620,000	-	620,000	-
Signatory I/I Investigation & Remediation Program	Regulatory	3,820,000	-	1,000,000	2,820,000
Spring Creek Force Main A/V Valve Replacements	Sys Imp	220,000	20,000	40,000	160,000
WLI-Trexlerstown Area Storage Facility	Regulatory	14,500,000	100,000	400,000	14,000,000
Subtotal			120,000	2,060,000	16,980,000
Little Lehigh Relief Interceptor System:					
Park Pump Station Rehabilitation/Improvements	AM - High	3,900,000	3,500,000	400,000	-
Park Pump Station Force Main Rehabilitation	AM - High	1,280,000	20,000	100,000	1,160,000
Subtotal			3,520,000	500,000	1,160,000
LCA Owned Interceptor System:					
SSES (Weisenberg, UMiT, Lowhill)	AM - High	75,000	-	75,000	-
Subtotal			-	75,000	-
Northern Lehigh Service Area:					
Wynnewood Terrace WWTP Remediation & Replacement	AM - High	4,000,000	3,300,000	700,000	-
Wynnewood I/I Investigation and Remediation Program	AM - Varies	120,000	20,000	50,000	50,000
Sand Spring WWTP Remediation & Replacement	AM - High	4,390,000	250,000	3,600,000	540,000
Heidelberg Heights I/I Investigation and Remediation Program	AM - Varies	1,425,000	300,000	275,000	850,000
Heidelberg Heights WWTP Rehabilitation	AM - High	420,000	20,000	40,000	360,000
Subtotal			3,890,000	4,665,000	1,800,000
Weisenberg Township:					
WWTP Mechanical Screen	Efficiency	275,000	-	-	275,000
Subtotal			-	-	275,000
Lynn Township					
Lynn Township WWTP Improvements & Expansion	AM - High	4,112,000	-	50,000	4,062,000
Lynn Township I/I Investigation and Remediation Program	AM - High	510,000	50,000	300,000	160,000
			50,000	350,000	4,222,000
Total Suburban Wastewater Division Capital Expenditures (Funded):			\$ 7,580,000	\$ 8,670,500	\$ 28,700,000

City Division

**LEHIGH COUNTY AUTHORITY - CITY DIVISION
2020 BUDGET
CONDENSED STATEMENTS**

	CITY DIVISION				
	2020 Budget	2019 Forecast	2019 Budget	2018 Actuals	2020 vs. 2019 FC
INCOME STATEMENT (\$)					
Operating Revenues	38,712,488	37,621,337	37,589,912	34,644,662	1,091,151
Operating Expenses	24,539,910	23,985,365	23,634,713	23,075,025	(554,545)
Operating Income	14,172,578	13,635,972	13,955,199	11,569,637	536,606
Non-Operating Revenues (Expenses)	176,884	205,583	566,200	58,994	(28,699)
Income Before Interest	14,349,462	13,841,555	14,521,399	11,628,631	507,907
Interest Income	900,000	1,164,612	400,000	1,047,630	(264,612)
Interest Expense	(19,356,023)	(18,943,851)	(18,956,576)	(18,810,413)	(412,172)
Income Before Capital Contributions	(4,106,561)	(3,937,684)	(4,035,177)	(6,134,152)	(168,877)
Capital Contributions	-	-	-	-	-
Net Income	(4,106,561)	(3,937,684)	(4,035,177)	(6,134,152)	(168,877)
CASH FLOWS - INDIRECT (\$)					
Net Cash Provided By (Used In) Operating Activities	20,052,578	19,515,972	19,835,199	10,277,073	536,606
Net Cash Provided By (Used In) Non-Capital Financing Activities	366,742	639,750	(116,200)	536,070	(273,008)
Net Cash Provided By (Used In) Capital and Related Financing Activities	(17,276,370)	(18,020,154)	(18,115,261)	(17,028,073)	743,784
Net Cash Provided By (Used In) Investing Activities	-	-	-	3,999,840	-
Net Increase (Decrease) in Cash	3,142,950	2,135,568	1,603,738	(2,215,090)	1,007,382
Cash - Beginning of Year	54,266,491	52,130,923	52,130,923	54,346,013	2,135,568
Cash - End of Year	57,409,441	54,266,491	53,734,661	52,130,923	3,142,950
CASH FLOW - DIRECT (\$)					
Operating Revenues	38,712,488	37,621,337	37,589,912	34,644,662	1,091,151
Operating Expenses (ex D&A)	(18,659,910)	(18,105,365)	(17,754,713)	(17,210,592)	(554,545)
Cash From Operations	20,052,578	19,515,972	19,835,199	17,434,070	536,606
Interest Received	900,000	1,164,612	400,000	1,047,630	(264,612)
Cash Available for Debt Service	20,952,578	20,680,584	20,235,199	18,481,700	271,994
Debt Service	(15,421,170)	(14,961,810)	(14,956,576)	(31,782,722)	(459,360)
Net Cash Available After Debt Service	5,531,408	5,718,774	5,278,623	(13,301,022)	(187,366)
Non-Operating Revenues (Expenses)	644,800	476,541	(268,800)	3,501,111	168,259
Changes in Working Capital	-	-	-	(7,156,997)	-
Net Cash Available For Capital	6,176,208	6,195,315	5,009,823	(16,956,908)	(19,107)
Financing & Investment Activity	1,781,742	(334,862)	1,963,800	22,595,807	2,116,604
Capital Spending	(4,815,000)	(3,724,885)	(5,369,885)	(7,853,989)	(1,090,115)
Net Cash Flow	3,142,950	2,135,568	1,603,738	(2,215,090)	1,007,382
Beginning Balance	54,266,491	52,130,923	52,130,923	54,346,013	2,135,568
Ending Balance	57,409,441	54,266,491	53,734,661	52,130,923	3,142,950
DEBT SERVICE COVERAGE RATIO	1.38	1.59	1.31	1.66	(0.21)
BALANCE SHEET (\$)					
	2020 Budget	2019 Forecast	2018 Actuals		
Assets and Deferred Outflows					
Cash and Cash Equivalents	9,918,160	6,775,210	4,639,642		
Investments - Unrestricted	-	-	-		
Other Current Assets	11,229,982	11,229,982	11,229,982		
Cash and Cash Equivalents - Restricted	47,491,281	47,491,281	47,491,281		
Investments - Restricted	3,940,640	3,940,640	3,940,640		
Other Restricted Assets	-	-	-		
Capital Assets, net of Accumulated Depreciation	35,464	383,380	999,453		
Other Long-Term Assets	233,959,205	241,854,949	246,854,949		
Deferred Outflows	1,891,432	1,891,432	1,891,432		
Total Assets and Deferred Outflows	308,466,164	313,566,874	317,047,379		
Liabilities and Net Position					
Current Liabilities	5,143,326	5,143,326	5,143,326		
Long-Term Liabilities	362,624,526	363,618,675	363,161,496		
Net Position	(59,301,688)	(55,195,127)	(51,257,443)		
Total Liabilities and Net Position	308,466,164	313,566,874	317,047,379		

**LEHIGH COUNTY AUTHORITY - CITY DIVISION
2020 BUDGET
CASH FLOW (DIRECT)**

\$USD	2020 Budget	2019 Forecast	2019 Budget	2018 Actuals	2020 vs. 2019FC
OPERATING REVENUES					
Charges for Services	38,637,488	37,546,337	37,514,912	34,590,898	1,091,151
Rent	-	-	-	-	-
Other income	75,000	75,000	75,000	53,764	-
Total Operating Revenues	<u>38,712,488</u>	<u>37,621,337</u>	<u>37,589,912</u>	<u>34,644,662</u>	<u>1,091,151</u>
OPERATING EXPENSES (CASH BASED)					
Salaries and Wages	(5,547,898)	(5,606,749)	(5,653,796)	(5,396,761)	58,851
General and Administrative	(6,939,978)	(6,761,873)	(6,407,601)	(5,713,940)	(178,105)
Utilities	(2,141,069)	(2,118,481)	(2,095,255)	(2,040,103)	(22,588)
Materials and Supplies	(1,688,624)	(1,574,483)	(1,597,216)	(1,267,835)	(114,141)
Miscellaneous Services	(2,330,341)	(2,031,779)	(1,988,845)	(2,782,126)	(298,562)
Treatment and Transportation	(12,000)	(12,000)	(12,000)	(9,827)	-
Total Operating Expenses	<u>(18,659,910)</u>	<u>(18,105,365)</u>	<u>(17,754,713)</u>	<u>(17,210,592)</u>	<u>(554,545)</u>
CASH FROM OPERATIONS	<u>20,052,578</u>	<u>19,515,972</u>	<u>19,835,199</u>	<u>17,434,070</u>	<u>536,606</u>
Interest Received	900,000	1,164,612	400,000	1,047,630	(264,612)
CASH AVAILABLE FOR DEBT SERVICE	<u>20,952,578</u>	<u>20,680,584</u>	<u>20,235,199</u>	<u>18,481,700</u>	<u>271,994</u>
DEBT SERVICE					
Interest and Fees Paid	(13,978,238)	(14,961,810)	(14,956,576)	(13,047,722)	983,572
Principal Paid	(1,442,932)	-	-	(18,735,000)	(1,442,932)
Total Debt Service	<u>(15,421,170)</u>	<u>(14,961,810)</u>	<u>(14,956,576)</u>	<u>(31,782,722)</u>	<u>(459,360)</u>
NET CASH AVAILABLE AFTER DEBT SERVICE	<u>5,531,408</u>	<u>5,718,774</u>	<u>5,278,623</u>	<u>(13,301,022)</u>	<u>(187,366)</u>
	1.36	1.38	1.35	0.58	(0.02)
NON-OPERATING REVENUES (EXPENSES)					
Tapping and Capital Recovery Fees	416,500	415,294	324,000	1,360,605	1,206
Meter Sales	13,200	13,159	13,200	8,397	41
Inspection, Plan Reviews, and Project Reimbursements	2,495,100	199,846	1,852,000	913,550	2,295,254
Other Income	35,000	34,742	22,000	1,587,086	258
Less: Project Reimbursement	(2,315,000)	(190,000)	(2,480,000)	(372,527)	(2,125,000)
Other Expense	(2,782,916)	(453,958)	(1,645,000)	(3,525,992)	(2,328,958)
Less: Expensed Capex	2,782,916	457,458	1,645,000	3,529,992	2,325,458
Total Non-Operating Revenues (Expenses)	<u>644,800</u>	<u>476,541</u>	<u>(268,800)</u>	<u>3,501,111</u>	<u>168,259</u>
Changes in Assets and Liabilities	-	-	-	(7,156,997)	-
NET CASH AVAILABLE FOR CAPITAL	<u>6,176,208</u>	<u>6,195,315</u>	<u>5,009,823</u>	<u>(16,956,908)</u>	<u>(19,107)</u>
FINANCING AND INVESTMENT ACTIVITY					
Grants Received	-	-	-	-	-
New Borrowing	-	-	-	18,735,000	-
Investments Converted to Cash	-	-	-	3,999,840	-
New Investments From Cash	-	-	-	-	-
Annual Lease Payments	(533,258)	(524,862)	(516,200)	(511,560)	(8,396)
Project Reimbursements	2,315,000	190,000	2,480,000	372,527	2,125,000
Total Financing & Investment Activity	<u>1,781,742</u>	<u>(334,862)</u>	<u>1,963,800</u>	<u>22,595,807</u>	<u>2,116,604</u>
CAPITAL SPENDING					
Net Capital Spending	(2,032,084)	(3,267,427)	(3,724,885)	(4,323,997)	1,235,343
Add: Expensed Capex	(2,782,916)	(457,458)	(1,645,000)	(3,529,992)	(2,325,458)
Total Capital Spending	<u>(4,815,000)</u>	<u>(3,724,885)</u>	<u>(5,369,885)</u>	<u>(7,853,989)</u>	<u>(1,090,115)</u>
NET CASH FLOW TO FUND	<u>3,142,950</u>	<u>2,135,568</u>	<u>1,603,738</u>	<u>(2,215,090)</u>	<u>1,007,382</u>

**LEHIGH COUNTY AUTHORITY - CITY DIVISION
2020 BUDGET
CASH FLOW (DIRECT)**

\$USD	2020 Budget	2019 Forecast	2019 Budget	2018 Actuals	2020 vs. 2019FC
DEBT SERVICE RATIO (INDENTURE BASED)					
Total Operating Revenues	38,712,488	37,621,337	37,589,912	34,644,662	1,091,151
Total Operating Expenses (Cash Based)	(18,659,910)	(18,036,655)	(17,680,046)	(17,056,166)	(623,255)
Interest Income	900,000	1,164,612	400,000	1,047,630	(264,612)
Annual Lease Payment (City)	(533,258)	(524,862)	(516,200)	(511,560)	(8,396)
Total Non-Operating Revenues (Expenses)	<u>815,040</u>	<u>476,695</u>	<u>(268,621)</u>	<u>3,501,111</u>	<u>338,345</u>
Cash Available For Debt Service	21,234,360	20,701,127	19,525,045	21,625,677	533,233
Total Debt Service	<u>15,421,170</u>	<u>13,047,722</u>	<u>14,956,576</u>	<u>13,047,722</u>	<u>2,373,448</u>
Debt Service Ratio	<u>1.38</u>	<u>1.59</u>	<u>1.31</u>	<u>1.66</u>	<u>(0.21)</u>
CAPITAL COVERAGE RATIO					
Net Available for Capital	8,491,208	6,385,315	7,489,823	2,150,619	2,105,893
Total Capex	<u>4,815,000</u>	<u>3,724,885</u>	<u>5,369,885</u>	<u>7,853,989</u>	<u>1,090,115</u>
Capital Coverage Ratio	<u>1.76</u>	<u>1.71</u>	<u>1.39</u>	<u>0.27</u>	<u>0.05</u>
SUMMARY OF ACCOUNT BALANCES					
Cash - Operations	9,088,768	6,590,618			
Cash - Project Reserves	829,392	184,592			
Cash - Restricted	<u>47,491,281</u>	<u>47,491,281</u>			
Total Cash Accounts	<u>57,409,441</u>	<u>54,266,491</u>			
Investments - Operations	-	-			
Investments - Project Reserves	-	-			
Investments - Restricted	<u>3,940,640</u>	<u>3,940,640</u>			
Total Investments	<u>3,940,640</u>	<u>3,940,640</u>			
TOTAL BALANCES	<u>61,350,081</u>	<u>58,207,131</u>			

LEHIGH COUNTY AUTHORITY - CITY DIVISION
2020 BUDGET
CASH FLOW BRIDGE - 2020 BUDGET vs. 2019 FORECAST
\$USD

NET CASH FLOW PER 2019 FORECAST 2,135,568

Revenues

Volume	-	NO MONTHLY BILLING and No budgeted volume increase
Base rate increase on rate payer base	389,292	2.5% increase per concession agreement
CPI increase on rate payer base	218,005	1.4% per compliance (based upon an inflation index)
CCRC - Water	188,243	Based upon completed projects that meet lease criteria
CCRC - Wastewater	144,310	Based upon completed projects that meet lease criteria
Other Water Sales	279,590	Increase in other water sales
Wastewater revenues - cost based	536,189	3.0% inflation effect built into revenue
Municipal Wastewater	(664,478)	Lower signatory flows and loads
Total Revenues	<u>1,091,151</u>	

Operating expenses

Personnel Costs		
Headcount from last year	(50,000)	Catch up for full year of headcount brought on board in 2019
Wage increases	(169,702)	3.0% wage pool
Benefits increase	(191,929)	8.0% increase in employee insurance costs
Charging re-allocation	534,866	Less cross charging coming into the City fund
Discretionary spending		
Inflation	(120,785)	2.0% inflation rate used across all spending categories
Real spending		
Utilities	19,394	Reduction in utility usage
Materials and supplies	(81,030)	Spending increase of 5.1%
Services	(252,870)	Spending increase of 12.4%
Internal Services Charged In	(242,489)	Net reduction in Internal Services Charged in
Total operating expenses	<u>(554,545)</u>	

Interest income (264,612) Assuming a reduction in overall interest rates

Debt Service

Additional interest expense	983,572	Based upon series A&B along with Loan from Fulton Bank
Additional principal payments	(1,442,932)	
Total Debt service	<u>(459,360)</u>	

Non-Operating Revenues (Expenses)

Capital Recovery Fees	1,247	Staying conservative
Planning and Inspection reviews	170,512	Staying conservative
Project Reimbursement	2,125,000	From COA
Expenses	(3,500)	Not repeating in 2020
Annual Lease Payments	(8,396)	CPI Index effect
Total Non-Operating Revenues (Expenses)	<u>2,284,863</u>	

Capital Spending/Funding

Capex (1,090,115) Based upon Capex plan

Net Changes 1,007,382

NET CASH FLOW PER 2020 BUDGET 3,142,950

**LEHIGH COUNTY AUTHORITY - CITY DIVISION
2020 BUDGET
STATEMENT OF CHANGES IN NET POSITION**

\$USD	<u>2020 Budget</u>	<u>2019 Forecast</u>	<u>2019 Budget</u>	<u>2018 Actuals</u>	<u>2020 vs. 2019 FC</u>
OPERATING REVENUES					
Charges for Services	38,637,488	37,546,337	37,514,912	34,590,898	1,091,151
Rent	-	-	-	-	-
Other Operating Income	<u>75,000</u>	<u>75,000</u>	<u>75,000</u>	<u>53,764</u>	-
Total Operating Revenues	<u>38,712,488</u>	<u>37,621,337</u>	<u>37,589,912</u>	<u>34,644,662</u>	<u>1,091,151</u>
OPERATING EXPENSES					
Salaries and Wages	5,547,898	5,606,749	5,653,796	5,396,761	58,851
General and Administrative	6,939,978	6,761,873	6,407,601	5,713,940	(178,105)
Utilities	2,141,069	2,118,481	2,095,255	2,040,103	(22,588)
Materials and Supplies	1,688,624	1,574,483	1,597,216	1,267,835	(114,141)
Miscellaneous Services	2,330,341	2,031,779	1,988,845	2,782,126	(298,562)
Treatment and Transportation	12,000	12,000	12,000	9,827	-
Depreciation and Amortization	<u>5,880,000</u>	<u>5,880,000</u>	<u>5,880,000</u>	<u>5,864,433</u>	-
Total Operating Expenses	<u>24,539,910</u>	<u>23,985,365</u>	<u>23,634,713</u>	<u>23,075,025</u>	<u>(554,545)</u>
Operating Income (Loss)	<u>14,172,578</u>	<u>13,635,972</u>	<u>13,955,199</u>	<u>11,569,637</u>	<u>536,606</u>
NON-OPERATING REVENUES (EXPENSES)					
Tapping and Capital Recovery Fees	416,500	415,294	324,000	1,360,605	1,206
Meter Sales	13,200	13,159	13,200	8,397	41
Inspection, Plan Reviews, and Project Reimbursements	2,495,100	199,846	1,852,000	913,550	2,295,254
Other Income	35,000	34,742	22,000	1,587,086	258
Other Expense	<u>(2,782,916)</u>	<u>(457,458)</u>	<u>(1,645,000)</u>	<u>(3,810,644)</u>	<u>(2,325,458)</u>
Total Non-Operating Revenues (Expenses)	<u>176,884</u>	<u>205,583</u>	<u>566,200</u>	<u>58,994</u>	<u>(28,699)</u>
Income Before Interest	14,349,462	13,841,555	14,521,399	11,628,631	507,907
Interest Income	900,000	1,164,612	400,000	1,047,630	(264,612)
Interest Expense	<u>(19,356,023)</u>	<u>(18,943,851)</u>	<u>(18,956,576)</u>	<u>(18,810,413)</u>	<u>(412,172)</u>
Increase (Decrease) in Net Position Before Capital Contributions	<u>(4,106,561)</u>	<u>(3,937,684)</u>	<u>(4,035,177)</u>	<u>(6,134,152)</u>	<u>(168,877)</u>
CAPITAL CONTRIBUTIONS					
Capital Grants	-	-	-	-	-
Capital Assets Provided	-	-	-	-	-
Total Capital Contributions	-	-	-	-	-
INCREASE (DECREASE) IN NET POSITION	(4,106,561)	(3,937,684)	(4,035,177)	(6,134,152)	(168,877)
Net Position Beginning of Year	(55,195,127)	(51,257,443)	(51,257,443)	(45,123,291)	(3,937,684)
Cumulative Changes	-	-	-	-	-
NET POSITION AT END OF YEAR	<u>(59,301,688)</u>	<u>(55,195,127)</u>	<u>(55,292,620)</u>	<u>(51,257,443)</u>	<u>(4,106,561)</u>

**LEHIGH COUNTY AUTHORITY - CITY DIVISION
2020 BUDGET
CASH FLOW (INDIRECT)**

\$USD	2020 Budget	2019 Forecast	2019 Budget	2018 Actuals	2020 vs. 2019FC
CASH FLOWS FROM OPERATING ACTIVITIES					
Operating Income (Loss)	14,172,578	13,635,972	13,955,199	11,569,637	536,606
Adjustments:					
Depreciation and Amortization	5,880,000	5,880,000	5,880,000	5,864,433	-
Changes in Assets and Liabilities	-	-	-	(7,156,997)	-
Net Cash Provided By (Used In) Operating Activities	<u>20,052,578</u>	<u>19,515,972</u>	<u>19,835,199</u>	<u>10,277,073</u>	<u>536,606</u>
CASH FLOWS FROM NON-CAPITAL FINANCING ACTIVITIES					
Interest Received	900,000	1,164,612	400,000	1,047,630	(264,612)
Facility Improvements	-	-	-	-	-
Annual Lease Payments	(533,258)	(524,862)	(516,200)	(511,560)	(8,396)
Transfers From/To	-	-	-	-	-
Net Cash Provided By (Used In) Non-Capital Financing Activities	<u>366,742</u>	<u>639,750</u>	<u>(116,200)</u>	<u>536,070</u>	<u>(273,008)</u>
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES					
Non-Operating Revenues Received	2,959,800	666,541	2,211,200	3,873,638	2,293,259
Capital Spending	(4,815,000)	(3,724,885)	(5,369,885)	(7,853,989)	(1,090,115)
Borrowing Proceeds	-	-	-	18,735,000	-
Interest Payments	(13,978,238)	(14,961,810)	(14,956,576)	(13,047,722)	983,572
Principal Payments	(1,442,932)	-	-	(18,735,000)	(1,442,932)
Net Cash Provided By (Used In) Capital and Related Financing Activities	<u>(17,276,370)</u>	<u>(18,020,154)</u>	<u>(18,115,261)</u>	<u>(17,028,073)</u>	<u>743,784</u>
CASH FLOWS FROM INVESTING ACTIVITIES					
Investment Maturities	-	-	-	3,999,840	-
Investment Purchases	-	-	-	-	-
Interest Received on Investments	-	-	-	-	-
Net Cash Provided By (Used In) Investing Activities	<u>-</u>	<u>-</u>	<u>-</u>	<u>3,999,840</u>	<u>-</u>
NET INCREASE (DECREASE) IN CASH	3,142,950	2,135,568	1,603,738	(2,215,090)	1,007,382
Cash - Beginning of Year	<u>54,266,491</u>	<u>52,130,923</u>	<u>52,130,923</u>	<u>54,346,013</u>	<u>2,135,568</u>
CASH - END OF YEAR	<u>57,409,441</u>	<u>54,266,491</u>	<u>53,734,661</u>	<u>52,130,923</u>	<u>3,142,950</u>
SUMMARY OF ACCOUNT BALANCES					
Cash - Operations	9,088,768	6,590,618			
Cash - Project Reserves	829,392	184,592			
Cash - Restricted	47,491,281	47,491,281			
Total Cash Accounts	<u>57,409,441</u>	<u>54,266,491</u>			

**LEHIGH COUNTY AUTHORITY - CITY DIVISION
2020 BUDGET
BALANCE SHEET**

\$USD	CITY DIVISION		
	2020 Budget	2019 Forecast	2018 Actuals
ASSETS AND DEFERRED OUTFLOWS			
CURRENT ASSETS			
Cash and Cash Equivalents	9,918,160	6,775,210	4,639,642
Certificates of Deposit	-	-	-
Accounts Receivable - Customers	6,606,583	6,606,583	6,606,583
Accounts Receivable - Financing Contracts	-	-	-
Accounts Receivable - Others	4,147,552	4,147,552	4,147,552
Due From (To) Other Funds	-	-	-
Inventories	-	-	-
Accrued Interest Receivable	100,851	100,851	100,851
Prepaid Expenses	374,996	374,996	374,996
Total Current Assets	21,148,142	18,005,192	15,869,624
NON-CURRENT ASSETS			
Restricted			
Cash and Cash Equivalents	47,491,281	47,491,281	47,491,281
Certificates of Deposit	-	-	-
Investment - US Treasury Obligations	3,940,640	3,940,640	3,940,640
Developer Escrow Deposits	-	-	-
Accrued Interest Receivable	-	-	-
Total Restricted Assets	51,431,921	51,431,921	51,431,921
Capital Assets			
Land	-	-	-
Construction in Progress	-	-	-
Wells and Reservoirs	-	-	-
Transmission and Distribution Mains	-	-	-
Service and Hydrants	-	-	-
Interceptor and Collector Systems	-	-	-
Buildings and Structures	-	-	-
Metering System	-	-	-
Equipment and Furnishings	8,488,911	6,456,827	3,192,900
Capacity	-	-	-
LESS: Accumulated Depreciation	(8,453,447)	(6,073,447)	(2,193,447)
Total Capital Assets	35,464	383,380	999,453
Other Assets			
Long-term Portion of Receivables and Financing Contracts	-	-	-
Intangible Service Concession Arrangement	232,056,776	239,952,520	244,952,520
OPEB Asset	-	-	-
Other Miscellaneous Assets	1,902,429	1,902,429	1,902,429
Facilities Planning Costs, Net	-	-	-
Total Other Assets	233,959,205	241,854,949	246,854,949
Total Non-Current Assets	285,426,590	293,670,250	299,286,323
TOTAL ASSETS	306,574,732	311,675,442	315,155,947
Deferred Outflows			
Pensions	1,891,432	1,891,432	1,891,432
Refunding Loss on Bonds	-	-	-
Total Deferred Outflows	1,891,432	1,891,432	1,891,432
TOTAL ASSETS AND DEFERRED OUTFLOWS	308,466,164	313,566,874	317,047,379

**LEHIGH COUNTY AUTHORITY - CITY DIVISION
2020 BUDGET
BALANCE SHEET**

	CITY DIVISION		
	2020 Budget	2019 Forecast	2018 Actuals
LIABILITIES AND NET POSITION			
Current Liabilities:			
Accounts Payable - Trade	2,098,809	2,098,809	2,098,809
Accounts Payable - Capital	149,529	149,529	149,529
Accrued Interest Payable	1,128,362	1,128,362	1,128,362
Notes Payable	-	-	-
Revenue Bonds Payable	1,230,893	1,230,893	1,230,893
Developer Deposits and Other	26,016	26,016	26,016
Accrued Expenses	<u>509,717</u>	<u>509,717</u>	<u>509,717</u>
Total Current Liabilities	<u>5,143,326</u>	<u>5,143,326</u>	<u>5,143,326</u>
Non-Current Liabilities			
Developer Deposits and Other	-	-	-
SCA Payable	46,842,091	46,393,308	45,936,129
Notes Payable	-	-	-
OPEB Liability	2,020,079	2,020,079	2,020,079
Net Pension Liability	1,250,814	1,250,814	1,250,814
Revenue Bonds Payable	<u>311,169,773</u>	<u>312,612,705</u>	<u>312,612,705</u>
Total Non-Current Liabilities	<u>361,282,757</u>	<u>362,276,906</u>	<u>361,819,727</u>
Deferred Inflows			
Pensions	<u>1,341,769</u>	<u>1,341,769</u>	<u>1,341,769</u>
Total Liabilities	<u>367,767,852</u>	<u>368,762,001</u>	<u>368,304,822</u>
Net Position:			
Net investment in Capital Assets	853,964	383,380	999,453
Restricted Debt Service	-	-	-
Unrestricted	<u>(60,155,652)</u>	<u>(55,578,507)</u>	<u>(52,256,896)</u>
Total Net Position	<u>(59,301,688)</u>	<u>(55,195,127)</u>	<u>(51,257,443)</u>
TOTAL LIABILITIES AND NET POSITION	<u>308,466,164</u>	<u>313,566,874</u>	<u>317,047,379</u>
<i>Check</i>	-	-	-

**LEHIGH COUNTY AUTHORITY - CITY DIVISION
2020 BUDGET
CASH FLOW (DIRECT BY ACCOUNT)**

\$'s	<u>2020 Budget</u>	<u>2019 Forecast</u>
OPERATIONS - CASH		
OPERATING REVENUES		
Charges for Services	38,637,488	37,546,337
Rent	-	-
Other income	<u>75,000</u>	<u>75,000</u>
Total Operating Revenues	<u>38,712,488</u>	<u>37,621,337</u>
OPERATING EXPENSES (CASH BASED)		
Salaries and Wages	(5,547,898)	(5,606,749)
General and Administrative	(6,939,978)	(6,761,873)
Utilities	(2,141,069)	(2,118,481)
Materials and Supplies	(1,688,624)	(1,574,483)
Miscellaneous Services	(2,330,341)	(2,031,779)
Treatment and Transportation	<u>(12,000)</u>	<u>(12,000)</u>
Total Operating Expenses	<u>(18,659,910)</u>	<u>(18,105,365)</u>
CASH FROM OPERATIONS	<u>20,052,578</u>	<u>19,515,972</u>
Interest Received	900,000	1,164,612
Annual City Payment	<u>(533,258)</u>	<u>(524,862)</u>
CASH AVAILABLE FOR DEBT SERVICE	<u>20,419,320</u>	<u>20,155,722</u>
DEBT SERVICE		
Interest and Fees Paid	(13,978,238)	(14,961,810)
Principal Paid	<u>(1,442,932)</u>	<u>-</u>
Total Debt Service	<u>(15,421,170)</u>	<u>(14,961,810)</u>
NET CASH AVAILABLE AFTER DEBT SERVICE	<u>4,998,150</u>	<u>5,193,912</u>
Changes in Assets and Liabilities	<u>-</u>	<u>-</u>
NET CASH FROM OPERATIONS AVAILABLE FOR CAPITAL	4,998,150	5,193,912
Investments Converted Into Cash	-	-
NEW BORROWING	-	-
Cash from Restricted Balances	-	-
Cash to Restricted Balances	-	-
Cash provided for Capital Projects	<u>(2,500,000)</u>	<u>(3,200,000)</u>
NET FLOW - OPERATING CASH	2,498,150	1,993,912
Beginning Balance	<u>6,590,618</u>	<u>4,596,706</u>
OPERATING CASH - ENDING BALANCE	<u>9,088,768</u>	<u>6,590,618</u>

**LEHIGH COUNTY AUTHORITY - CITY DIVISION
2020 BUDGET
CASH FLOW (DIRECT BY ACCOUNT)**

\$'s	2020 Budget	2019 Forecast
<u>OPERATIONS - INVESTMENTS</u>		
Cash provided to investments	-	-
Maturities converted to cash	-	-
From (To) Restricted	-	-
NET FLOW - OPERATING INVESTMENTS	-	-
Beginning Balance	-	-
OPERATING INVESTMENTS - ENDING BALANCE	-	-
<u>PROJECT RESERVES - CASH</u>		
CASH PROVIDED FROM OPERATIONS	2,500,000	3,200,000
NON-OPERATING REVENUES (EXPENSES)		
Tapping and Capital Recovery Fees	416,500	415,294
Meter Sales	13,200	13,159
Inspection, Plan Reviews, and Project Reimbursements	2,495,100	199,846
Other Income	35,000	34,742
Less: Project Reimbursement	(2,315,000)	(20,000)
Other Expense	(2,782,916)	(457,458)
Less: Expensed Capex	2,782,916	460,958
Total Non-Operating Revenues (Expenses)	644,800	646,541
FINANCING AND INVESTMENT ACTIVITY		
Grants Received	-	-
New Borrowing	-	-
Investments Converted to Cash (Source)	-	-
New Investments From Cash (Use)	-	-
Annual Lease Payments - City	-	-
Project Reimbursements	2,315,000	20,000
Total Financing & Investment Activity	2,315,000	20,000
Interest Income	-	-
CAPITAL SPENDING		
Net Capital Spending	(2,032,084)	(3,267,427)
Add: Expensed Capex	(2,782,916)	(457,458)
Total Capital Spending	(4,815,000)	(3,724,885)
NET FLOW - PROJECT RESERVES CASH	644,800	141,656
Beginning Balance	184,592	42,936
PROJECT RESERVES CASH - ENDING BALANCE	829,392	184,592

**LEHIGH COUNTY AUTHORITY - CITY DIVISION
2020 BUDGET
CASH FLOW (DIRECT BY ACCOUNT)**

\$'s	2020 Budget	2019 Forecast
<u>PROJECT RESERVES - INVESTMENTS</u>		
New Investments From Cash (Source)	-	-
Investments Converted to Cash (Use)	-	-
Other	-	-
NET FLOW - PROJECT RESERVES INVESTMENTS	-	-
Beginning Balance	-	-
PROJECT RESERVES INVESTMENTS - ENDING BALANCE	-	-
<u>RESTRICTED - CASH</u>		
Sources	-	-
Uses	-	-
NET FLOW - RESTRICTED CASH	-	-
Beginning Balance	47,491,281	47,491,281
RESTRICTED CASH - ENDING BALANCE	47,491,281	47,491,281
<u>RESTRICTED - INVESTMENTS</u>		
Sources	-	-
Uses	-	-
NET FLOW - RESTRICTED INVESTMENTS	-	-
Beginning Balance	3,940,640	3,940,640
RESTRICTED INVESTMENTS - ENDING BALANCE	3,940,640	3,940,640
<u>SUMMARY OF ACCOUNT FLOWS</u>		
Cash - Operations	2,498,150	1,993,912
Cash - Project Reserves	644,800	141,656
Cash - Restricted	-	-
Total Cash Accounts	3,142,950	2,135,568
Investments - Operations	-	-
Investments - Project Reserves	-	-
Investments - Restricted	-	-
Total Investments	-	-
TOTAL FLOWS	3,142,950	2,135,568

**LEHIGH COUNTY AUTHORITY - CITY DIVISION
2020 BUDGET
CASH FLOW (DIRECT BY ACCOUNT)**

\$'s	2020 Budget	2019 Forecast
<u>SUMMARY OF ACCOUNT BALANCES</u>		
Cash - Operations	9,088,768	6,590,618
Cash - Project Reserves	829,392	184,592
Cash - Restricted	<u>47,491,281</u>	<u>47,491,281</u>
Total Cash Accounts	<u>57,409,441</u>	<u>54,266,491</u>
Investments - Operations	-	-
Investments - Project Reserves	-	-
Investments - Restricted	<u>3,940,640</u>	<u>3,940,640</u>
Total Investments	<u>3,940,640</u>	<u>3,940,640</u>
TOTAL BALANCES	<u>61,350,081</u>	<u>58,207,131</u>
	<i>Cash Check</i>	57,409,441
	<i>Diff</i>	-
	<i>Investment Check</i>	3,940,640
	<i>Diff</i>	-
DAYS ON HAND		
Operating Cash	177.8	132.9
Operating Investments	<u>-</u>	<u>-</u>
Total	<u>177.8</u>	<u>132.9</u>

**LEHIGH COUNTY AUTHORITY
2020 BUDGET
CITY DIVISION**

STATEMENT OF CHANGES IN NET POSITION	2020 Budget	2019 Forecast	2019 Budget	2018 Actual
OPERATING REVENUES				
CITY WATER				
Residential/Industrial/Commercial	15,646,200	15,058,903	15,079,270	14,763,304
Penalties	296,738	285,600	270,342	267,985
Capital Cost Recovery	1,002,000	813,757	798,222	671,877
Fire Service	76,053	73,198	80,377	65,087
Other Water Sales	3,669,946	3,390,356	3,588,128	3,915,085
Other Income	421,061	421,061	454,827	190,166
Total City Water	<u>21,111,998</u>	<u>20,042,875</u>	<u>20,271,166</u>	<u>19,873,504</u>
CITY WASTEWATER				
User Charges - Municipal	6,419,939	6,897,428	7,038,722	6,317,078
User Charges - Residential & Commercial	9,302,597	8,953,397	8,913,336	8,984,387
User Charges - Hauler	76,647	76,647	73,939	75,995
Capital Cost Recovery	395,000	250,690	253,662	147,997
Penalties	160,044	154,037	141,831	148,213
Industrial Pretreatment Revenues	95,615	95,615	116,585	147,483
Leachate Program Revenues	1,040,598	1,040,598	667,792	892,243
Other Income	35,050	35,050	37,879	166,946
Total City Wastewater	<u>17,525,490</u>	<u>17,503,462</u>	<u>17,243,746</u>	<u>16,880,342</u>
Total Service Charges	<u>38,637,488</u>	<u>37,546,337</u>	<u>37,514,912</u>	<u>36,753,846</u>
Rental Income	-	-	-	-
Miscellaneous	75,000	75,000	75,000	53,764
TOTAL OPERATING REVENUES	<u>38,712,488</u>	<u>37,621,337</u>	<u>37,589,912</u>	<u>36,807,610</u>
OPERATING EXPENSES				
PERSONNEL				
Permanent	4,908,751	4,876,949	4,904,757	4,665,994
Overtime	639,147	729,800	749,039	751,635
Employee Benefits	2,335,297	2,399,681	2,359,314	2,483,660
Total Personnel	<u>7,883,195</u>	<u>8,006,430</u>	<u>8,013,110</u>	<u>7,901,289</u>
PURCHASE OF SERVICES				
Internal Services (Including Lab)	4,604,681	4,362,192	4,048,287	4,309,203
Utilities	2,141,069	2,118,481	2,095,255	1,970,383
Engineering	31,500	11,775	16,000	9,729
Contract Operating Services	95,700	133,063	95,700	93,452
Residuals Services	374,580	384,231	419,830	352,588
General Analyses	18,000	12,400	18,000	-
Maintenance Services	1,083,518	818,936	819,245	916,423
Fleet Management Services	157,000	186,643	152,000	243,336
Extraordinay Expenditures	30,000	25,176	25,000	62,389
Industrial Meter Testing & Repair	6,000	3,000	6,000	-
Miscellaneous Services	534,043	456,555	437,070	123,497
Treatment & Transportation	12,000	12,000	12,000	9,827
I/I Rehabilitation Program	-	-	-	-
Total Purchases of Services	<u>9,088,091</u>	<u>8,524,452</u>	<u>8,144,387</u>	<u>8,090,827</u>

**LEHIGH COUNTY AUTHORITY
2020 BUDGET
CITY DIVISION**

STATEMENT OF CHANGES IN NET POSITION	2020 Budget	2019 Forecast	2019 Budget	2018 Actual
MATERIALS & SUPPLIES				
Pump Supplies	28,750	26,655	26,750	23,485
Fuel	75,500	88,823	-	79,150
Purification Chemicals & Supplies	757,354	744,363	752,500	596,942
Distribution & Transmission Supplies	95,500	184,104	186,000	80,521
Collection System Supplies	89,300	22,881	-	53,785
Fleet Management Supplies	29,050	21,210	26,550	-
Miscellaneous Materials & Supplies	406,930	352,949	355,630	272,541
Fuel & Mileage	36,000	8,816	112,500	33,872
Total Materials and Supplies	<u>1,518,384</u>	<u>1,449,801</u>	<u>1,459,930</u>	<u>1,140,296</u>
EQUIPMENT				
Equipment Purchases	170,240	124,682	137,286	56,852
Amortized Equipment	-	-	-	-
Total Equipment	<u>170,240</u>	<u>124,682</u>	<u>137,286</u>	<u>56,852</u>
DEPRECIATION & AMORTIZATION	<u>5,880,000</u>	<u>5,880,000</u>	<u>5,880,000</u>	<u>5,864,433</u>
TOTAL OPERATING EXPENSES	<u>24,539,910</u>	<u>23,985,365</u>	<u>23,634,713</u>	<u>23,053,697</u>
OPERATING INCOME	<u>14,172,578</u>	<u>13,635,972</u>	<u>13,955,199</u>	<u>13,753,913</u>
NON-OPERATING REVENUES				
CITY WATER				
Supply/Tapping Fees	18,500	18,337	18,000	23,191
Distribution Tapping Fees	13,200	13,159	12,000	8,397
Meter Sales	292,000	291,901	200,000	295,799
Inspection & Planning Review Fees	20,000	19,842	20,000	32,453
Project Reimbursement	85,000	-	-	372,527
Other	35,000	34,742	22,000	200,818
Total City Water	<u>463,700</u>	<u>377,981</u>	<u>272,000</u>	<u>933,185</u>
CITY WASTEWATER				
Allocation Fees	106,000	105,055	106,000	244,932
Inspection & Planning Review Fees	160,100	160,004	187,000	507,245
Project Reimbursement	2,230,000	20,000	1,645,000	-
Other	-	-	-	-
Total City Wastewater	<u>2,496,100</u>	<u>285,059</u>	<u>1,938,000</u>	<u>752,177</u>
TOTAL NON-OPERATING REVENUES	<u>2,959,800</u>	<u>663,040</u>	<u>2,210,000</u>	<u>1,685,362</u>
NON-OPERATING (EXPENSES)				
Capital Charged to Expenses	(2,782,916)	(460,958)	(1,645,000)	(3,529,992)
Other Miscellaneous Expenses	-	3,500	1,200	(280,652)
TOTAL NON-OPERATING (EXPENSES)	<u>(2,782,916)</u>	<u>(457,458)</u>	<u>(1,643,800)</u>	<u>(3,810,644)</u>
INCOME BEFORE INTEREST AND CONTRIBUTED CAPITAL	14,349,462	13,841,554	14,521,399	11,628,631
Interest Income	900,000	1,164,612	400,000	1,047,630
Interest (Expense)	(19,356,023)	(18,943,851)	(18,956,576)	(18,810,413)
INCOME BEFORE CONTRIBUTED CAPITAL	(4,106,561)	(3,937,684)	(4,035,177)	(6,134,152)

**LEHIGH COUNTY AUTHORITY
2020 BUDGET
CITY DIVISION**

STATEMENT OF CHANGES IN NET POSITION	2020 Budget	2019 Forecast	2019 Budget	2018 Actual
CONTRIBUTED CAPITAL	-	-	-	-
NET INCOME	<u>(4,106,561)</u>	<u>(3,937,684)</u>	<u>(4,035,177)</u>	<u>(6,134,152)</u>

**LEHIGH COUNTY AUTHORITY
2020 BUDGET
CITY DIVISION**

CASH FLOWS	2020 Budget	2019 Forecast	2019 Budget	2018 Actual
Operating Revenues	38,712,488	37,621,337	37,589,912	36,807,610
Operating Expenses	(24,539,910)	(23,985,365)	(23,634,713)	(23,053,697)
Add: Depreciation Expense	5,880,000	5,880,000	5,880,000	5,864,433
Net Operating Cash	20,052,578	19,515,972	19,835,199	19,618,346
Interest Income	900,000	1,164,612	400,000	1,047,630
City Annual Payment	(533,258)	(524,862)	(516,200)	(511,560)
Net Cash Available For Debt Service	<u>20,419,320</u>	<u>20,155,722</u>	<u>19,718,999</u>	<u>20,154,416</u>
 Debt Service				
Interest Paid	(13,978,238)	(14,961,810)	(14,956,576)	(13,047,722)
Financing Fees Paid	-	-	-	-
Princial Paid	<u>(1,442,932)</u>	<u>-</u>	<u>(18,735,000)</u>	<u>(18,735,000)</u>
Total Debt Service	<u>(15,421,170)</u>	<u>(14,961,810)</u>	<u>(33,691,576)</u>	<u>(31,782,722)</u>
 NET CASH AVAILABLE AFTER DEBT SERVICE	4,998,150	5,193,912	(13,972,577)	(11,628,306)
 Non-Operating Revenues	2,959,800	663,041	2,210,000	1,685,362
Less: Project Reimbursement	(2,315,000)	(190,000)	(1,645,000)	(372,527)
Non-Operating Expenses	(2,782,916)	(453,958)	(1,643,800)	(3,525,992)
Less: Capital Charged to Expenses	2,782,916	457,458	1,645,000	3,529,992
Working Capital Changes	<u>-</u>	<u>-</u>	<u>-</u>	<u>(7,156,997)</u>
 NET CASH AVAILABLE FOR CAPITAL	5,642,950	5,670,453	(13,406,377)	(17,468,468)
 Financing & Investment Activity				
Project Reimbursements	2,315,000	190,000	1,645,000	372,527
Investments converting to Cash	-	-	-	3,999,840
New Borrowing	-	-	18,735,000	18,735,000
Cash Investments	-	-	-	-
Capital Spending	<u>(4,815,000)</u>	<u>(3,724,885)</u>	<u>(5,369,885)</u>	<u>(7,853,989)</u>
 NET CASH FLOW TO FUND	<u>3,142,950</u>	<u>2,135,568</u>	<u>1,603,738</u>	<u>(2,215,090)</u>

**2020 BUDGET
CITY DIVISION
WATER FUND
CAPITAL EXPENDITURES**

Project	Primary Project Category	Estimated Project Cost	Estimated Costs Through 2019	2020 Budget	Estimated Costs 2021 - 2024
<u>LCA Funded Projects</u>					
Annual Projects	AM - Varies	8,640,000	-	972,500	7,667,500
Various Water System Related Studies	CA/OS	300,000	-	-	300,000
Sub-total Allentown Division Water Capital Funded by LCA			-	972,500	7,967,500
<u>City Funded Projects</u>					
Iron/AMR Meter Project ⁽¹⁾	CA/OS	85,000	-	85,000	-
Sub-total Allentown Division Water Capital Funded by the City			-	85,000	-
Administration Fund Capital Allocation				317,500	1,270,000
Total Allentown Division Water Capital Expenditures (Funded):				\$ 1,375,000	\$ 9,237,500

(1) "Uncompleted Work" City Projects that were supposed to be complete by the time of settlement or executed by City personnel after settlement.
The City will fund these projects but has requested that LCA execute them.

**2020 BUDGET
CITY DIVISION
WASTEWATER SYSTEM
CAPITAL EXPENDITURES**

Project	Primary Project Category	Estimated Project Cost	Estimated Costs Through 2019	2020 Budget	Estimated Costs 2021 - 2024
<u>LCA Funded Projects</u>					
Annual Projects	AM - High	9,060,000	-	1,210,000	7,850,000
Various Wastewater System Related Studies	CA/OS	300,000	-	-	300,000
Sub-total Allentown Division Wastewater Capital Funded by LCA			\$ -	\$ 1,210,000	\$ 8,150,000
<u>City Funded Projects</u>					
Regional Flow Management Strategy ⁽¹⁾	Regulatory	3,145,000	-	730,000	2,415,000
WWTP Interim Blending Pumping System ⁽¹⁾	Regulatory	1,500,000	-	1,500,000	-
Sub-total Allentown Division Wastewater Capital Funded by the City			\$ -	\$ 2,230,000	\$ 2,415,000
Total Allentown Division Wastewater Capital Expenditures (Funded):			\$ -	\$ 3,440,000	\$ 10,565,000

(1) "Administrative Order" Projects as per the Agreement are to be Funded by the City and executed by LCA.