

**LEHIGH COUNTY AUTHORITY
FINANCIAL STATEMENTS
OCTOBER 2021**

LEHIGH COUNTY AUTHORITY
 FINANCIAL STATEMENTS - SUMMARY
 For the Period Ended October 31, 2021

	Consolidated Financial Statements														
	Month					Year To Date					FULL YEAR				
	Actual	Q4 FC	Prior Year	FC Var	PY Var	Actual	Q4 FC	Prior Year	FC Var	PY Var	Q4 FC	Budget	Prior Year	Bud Var	PY Var
Income Statement															
Suburban Water	1,123,039	1,123,039	549,650	-	573,388	1,737,342	1,737,342	1,685,867	-	51,475	1,161,034	183,548	456,932	977,486	704,102
Suburban Wastewater	174,492	174,492	(426,835)	-	601,327	1,696,965	1,696,965	4,041,673	-	(2,344,708)	452,023	1,175,879	2,724,420	(723,856)	(2,272,397)
City Division	539,925	539,925	(272,951)	-	812,876	5,316,729	5,316,729	(4,960,558)	-	10,277,287	3,008,304	865,692	(4,289,351)	2,142,612	7,297,656
Total LCA	1,837,456	1,837,456	(150,135)	-	1,987,591	8,751,036	8,751,036	766,983	-	7,984,053	4,621,361	2,225,119	(1,107,999)	2,396,242	5,729,360
Cash Flow Statement															
Suburban Water	(1,480,079)	(1,480,079)	(922,126)	-	(557,953)	(1,107,072)	(1,107,072)	(2,014,093)	-	907,022	(1,690,748)	(3,490,153)	(3,715,921)	1,799,405	2,025,173
Suburban Wastewater	(439,464)	(439,464)	772,833	-	(1,212,297)	(147,923)	(147,923)	(1,201,605)	-	1,053,683	2,511,826	2,321,828	398,089	189,999	2,113,737
City Division	1,669,962	1,669,962	1,703,492	-	(33,530)	12,975,733	12,975,733	3,562,256	-	9,413,477	5,366,312	4,663,547	2,036,187	702,764	3,330,125
Total LCA	(249,580)	(249,580)	1,554,199	(0)	(1,803,779)	11,720,739	11,720,739	346,558	-	11,374,181	6,187,390	3,495,222	(1,281,645)	2,692,168	7,469,035
Debt Service Coverage Ratio															
Suburban Water	5.40	5.40	2.80	-	2.60	1.88	1.88	1.56	-	0.32	1.69	1.20	1.26	0.50	0.43
Suburban Wastewater	9.43	9.43	(0.45)	(0.00)	9.88	9.36	9.36	13.66	-	(4.30)	8.99	8.17	12.54	0.82	(3.55)
City Division	2.04	2.04	1.74	-	0.30	1.92	1.92	1.47	-	0.45	1.73	1.62	1.43	0.11	0.31

**LEHIGH COUNTY AUTHORITY
FINANCIAL STATEMENTS - SUBURBAN WATER
For the Period Ended October 31, 2021**

STATEMENTS OF ACTIVITIES	Suburban - Water														
	Month					Year To Date					Full Year				
	Actual	Q4 FC	Prior Yr	FC Var	PY Var	Actual	Q4 FC	Prior Yr	FC Var	PY Var	Q4 FC	Budget	Prior Yr	Bud Var	PY Var
Operating Revenues:															
User Charges	1,253,514	1,253,514	1,101,102	-	152,412	10,376,000	10,376,000	9,087,775	-	1,288,225	12,152,426	11,799,441	10,866,675	352,985	1,285,751
Connection & System Charges	770,050	770,050	53,945	-	716,105	1,399,970	1,399,970	703,451	-	696,519	1,657,570	912,039	860,596	645,531	696,974
Other Miscellaneous Revenues	4,075	4,075	4,265	-	(190)	52,439	52,439	21,445	-	30,994	70,543	30,944	105,508	39,599	(34,965)
Total Operating Revenues	2,027,638	2,027,638	1,159,312	-	868,326	11,828,409	11,828,409	9,812,671	-	2,015,738	13,780,539	12,742,423	11,832,779	1,038,115	1,947,760
Operating Expenses:															
Personnel	230,121	230,121	91,816	-	(138,305)	2,593,988	2,593,988	1,781,700	-	(812,288)	3,243,467	3,289,603	2,576,812	46,136	(666,655)
Shared Services - General & Administrative	(21,857)	(21,857)	(122,602)	-	(100,745)	436,348	436,348	252,117	-	(184,231)	533,673	663,734	300,465	130,061	(233,208)
Utilities	34,675	34,675	33,572	-	(1,103)	368,967	368,967	344,132	-	(24,835)	442,609	543,917	419,493	101,308	(23,116)
Materials and Supplies	36,801	36,801	37,328	-	526	320,800	320,800	242,816	-	(77,984)	385,268	501,582	279,430	116,314	(105,838)
Miscellaneous Services	310,226	310,226	229,161	-	(81,065)	2,971,307	2,971,307	2,256,628	-	(714,679)	3,649,091	3,564,076	3,645,096	(85,015)	(3,995)
Treatment and Transportation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Depreciation and Amortization	217,141	217,141	223,051	-	5,910	2,171,410	2,171,410	2,203,051	-	31,641	2,948,963	2,605,699	2,948,963	(343,264)	(0)
Major Maintenance Expenses	1,364	1,364	(325)	-	(1,689)	4,981	4,981	8,419	-	3,438	4,981	3,400	-	(1,581)	(4,981)
Other Miscellaneous	-	-	-	-	-	-	-	-	-	-	-	74,864	-	74,864	-
Total Operating Expenses	808,472	808,472	492,002	-	(316,470)	8,867,800	8,867,800	7,088,863	-	(1,778,937)	11,208,051	11,246,874	10,170,259	38,824	(1,037,792)
Net Operating Profit	1,219,166	1,219,166	667,310	-	551,856	2,960,609	2,960,609	2,723,808	-	236,801	2,572,488	1,495,549	1,662,520	1,076,939	909,967
Non-Operating Income (Expense)															
Interest Income	3,721	3,721	4,327	-	(605)	40,149	40,149	66,415	-	(26,267)	48,357	94,327	74,821	(45,970)	(26,464)
Interest (Expense)	(98,198)	(98,198)	(121,644)	-	23,445	(1,112,288)	(1,112,288)	(1,106,302)	-	(5,986)	(1,308,685)	(1,406,328)	(1,442,776)	97,643	134,091
Other Miscellaneous	(1,651)	(1,651)	(343)	-	(1,308)	(151,127)	(151,127)	1,947	-	(153,073)	(151,127)	-	162,366	(151,127)	(313,493)
Net Non-Operating Income (Expense)	(96,127)	(96,127)	(117,659)	-	21,532	(1,223,266)	(1,223,266)	(1,037,940)	-	(185,326)	(1,411,454)	(1,312,001)	(1,205,589)	(99,453)	(205,865)
Net Income (Loss)	1,123,039	1,123,039	549,650	-	573,388	1,737,342	1,737,342	1,685,867	-	51,475	1,161,034	183,548	456,932	977,486	704,102
CASH FLOW STATEMENT															
Cash Flows From Operating Activities															
Operating Revenues	2,027,638	2,027,638	1,159,312	-	868,326	11,828,409	11,828,409	9,812,671	-	2,015,738	13,780,539	12,742,423	11,832,779	1,038,115	1,947,760
Operating Expenses (ex D&A)	(591,331)	(591,331)	(268,951)	-	(322,380)	(6,696,390)	(6,696,390)	(4,885,812)	-	(1,810,579)	(8,259,088)	(8,641,176)	(7,221,296)	382,088	(1,037,792)
Non-Cash Working Capital Changes	(1,062,186)	(1,052,420)	(1,235,347)	(9,766)	173,161	(2,216,796)	(2,114,046)	(838,270)	(102,750)	(1,378,526)	(286,829)	3,418	(87,537)	(290,247)	(199,292)
Net Cash Provided by (Used in) Operating Activities	374,121	383,887	(344,986)	(9,766)	719,107	2,915,223	3,017,972	4,088,589	(102,750)	(1,173,366)	5,234,622	4,104,666	4,523,946	1,129,956	710,676
Cash Flows From Financing Activities															
Capital Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Proceeds New Borrowing	-	-	-	-	-	21,679,902	21,679,902	-	-	21,679,902	21,679,902	-	-	21,679,902	21,679,902
Interest Payments	(11,941)	(17,013)	(4,010)	5,072	(7,932)	(853,581)	(938,177)	(752,459)	84,596	(101,122)	(1,240,345)	(1,406,328)	(1,756,050)	165,983	515,705
Principal Payments	(1,105,383)	(1,110,077)	(31,008)	4,694	(1,074,376)	(21,866,276)	(21,884,448)	(1,381,098)	18,172	(20,485,178)	(23,636,651)	(2,092,818)	(2,081,390)	(21,543,833)	(21,555,261)
Net Cash Provided by (Used in) Financing Activities	(1,117,324)	(1,127,090)	(35,017)	9,766	(1,082,307)	(1,039,955)	(1,142,722)	(2,133,557)	102,767	1,093,602	(3,197,094)	(3,499,146)	(3,837,440)	302,052	640,347
Cash Flows from Capital and Related Activities															
Non-Operating Income (Expenses)	(1,651)	(1,651)	(343)	-	(1,308)	(151,127)	(151,127)	1,947	-	(153,073)	(151,127)	-	162,366	(151,127)	(313,493)
Capital Expenditures, net	(738,946)	(738,946)	(546,107)	-	(192,839)	(2,871,044)	(2,871,044)	(4,286,805)	-	1,415,761	(3,625,207)	(4,190,000)	(5,043,931)	564,793	1,418,724
Net Cash Provided By (Used In) Capital and Related Activities	(740,597)	(740,597)	(546,450)	-	(194,147)	(3,022,170)	(3,022,170)	(4,284,858)	-	1,262,688	(3,776,333)	(4,190,000)	(4,881,565)	413,667	1,105,231
Cash Flows From Investing Activities															
Investments Converting To Cash	249,000	249,000	-	-	249,000	493,682	493,700	2,227,000	(18)	(1,733,318)	493,700	-	2,382,000	493,700	(1,888,300)
Purchased Investments	(249,000)	(249,000)	-	-	(249,000)	(494,000)	(494,000)	(1,977,682)	-	1,483,682	(494,000)	-	(1,977,682)	(494,000)	1,483,682
Interest Income	3,721	3,721	4,327	-	(605)	40,149	40,149	66,415	-	(26,267)	48,357	94,327	74,821	(45,970)	(26,464)
Net Cash Provided By (Used In) Investing Activities	3,721	3,721	4,327	-	(605)	39,831	39,849	315,733	(18)	(275,902)	48,057	94,327	479,138	(46,270)	(431,081)
FUND NET CASH FLOWS	(1,480,079)	(1,480,079)	(922,126)	-	(557,953)	(1,107,072)	(1,107,072)	(2,014,093)	-	907,022	(1,690,748)	(3,490,153)	(3,715,921)	1,799,405	2,025,173
DEBT SERVICE RATIO															
Debt Service Ratio (Indenture Based)															
User Charges	1,253,514	1,253,514	1,101,102	-	152,412	10,376,000	10,376,000	9,087,775	-	1,288,225	12,152,426	11,799,441	10,866,675	352,985	1,285,751
Operating Expenses (Cash Based)	(591,331)	(591,331)	(268,951)	-	(322,380)	(6,696,390)	(6,696,390)	(4,885,812)	-	(1,810,579)	(8,259,088)	(8,641,176)	(7,221,296)	382,088	(1,037,792)
Interest Income	3,721	3,721	4,327	-	(605)	40,149	40,149	66,415	-	(26,267)	48,357	94,327	74,821	(45,970)	(26,464)
Annual Lease Payment (City)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Operating Revenues (Expenses)	772,474	772,474	57,867	-	714,607	1,301,282	1,301,282	726,843	-	574,440	1,476,986	942,983	1,128,470	534,003	348,516
Cash Available For Debt Service	1,438,378	1,438,378	894,346	-	544,032	5,021,041	5,021,041	4,995,221	-	25,819	5,418,681	4,195,575	4,848,670	1,223,107	570,011
Interest Paid	103,362	103,362	146,338	-	(42,975)	1,033,621	1,033,621	1,463,375	-	(429,755)	1,240,345	1,406,328	1,756,050	(165,983)	(515,705)
Debt Retirement (Principal Payments)	163,062	163,062	173,449	-	(10,387)	1,630,624	1,630,624	1,734,492	-	(103,868)	1,956,749	2,092,818	2,081,390	(136,069)	(124,641)
Total Debt Service	266,424	266,424	319,787	-	(53,362)	2,664,245	2,664,245	3,197,867	-	(533,622)	3,197,094	3,499,146	3,837,440	(302,052)	(640,347)
Debt Service Ratio	5.40	5.40	2.80	-	2.60	1.88	1.88	1.56	-	0.32	1.69	1.20	1.26	0.50	0.43

LEHIGH COUNTY AUTHORITY
VARIANCE ANALYSIS - MONTH
For the Period Ended October 31, 2021

Suburban - Water				
STATEMENTS OF ACTIVITIES	Actual	Q4 FC	FC Var	Comments
Operating Revenues:				
User Charges	1,253,514	1,253,514	-	
Connection & System Charges	770,050	770,050	-	
Other Miscellaneous Revenues	4,075	4,075	-	
Total Operating Revenues	2,027,638	2,027,638	-	
Operating Expenses:				
Personnel	230,121	230,121	-	
Shared Services - General & Administrative	(21,857)	(21,857)	-	
Utilities	34,675	34,675	-	
Materials and Supplies	36,801	36,801	-	
Miscellaneous Services	310,226	310,226	-	
Treatment and Transportation	-	-	-	
Depreciation and Amortization	217,141	217,141	-	
Major Maintenance Expenses	1,364	1,364	-	
Other Miscellaneous	-	-	-	
Total Operating Expenses	808,472	808,472	-	
Net Operating Profit	1,219,166	1,219,166	-	
Non-Operating Income (Expense)				
Interest Income	3,721	3,721	-	
Interest (Expense)	(98,198)	(98,198)	-	
Other Miscellaneous	(1,651)	(1,651)	-	
Net Non-Operating Income (Expense)	(96,127)	(96,127)	-	
Net Income (Loss)	1,123,039	1,123,039	-	
CASH FLOW STATEMENT				
Cash Flows From Operating Activities				
Operating Revenues	2,027,638	2,027,638	-	
Operating Expenses (ex D&A)	(591,331)	(591,331)	-	
Non-Cash Working Capital Changes	(1,062,186)	(1,052,420)	(9,766)	
Net Cash Provided by (Used in) Operating Activities	374,121	383,887	(9,766)	
Cash Flows From Financing Activities				
Capital Contributions	-	-	-	
Proceeds New Borrowing	-	-	-	
Interest Payments	(11,941)	(17,013)	5,072	
Principal Payments	(1,105,383)	(1,110,077)	4,694	
Net Cash Provided by (Used in) Financing Activities	(1,117,324)	(1,127,090)	9,766	
Cash Flows from Capital and Related Activities				
Non-Operating Income (Expenses)	(1,651)	(1,651)	-	
Capital Expenditures, net	(738,946)	(738,946)	-	
Net Cash Provided By (Used In) Capital and Related Activities	(740,597)	(740,597)	-	
Cash Flows From Investing Activities				
Investments Converting To Cash	249,000	249,000	-	
Purchased Investments	(249,000)	(249,000)	-	
Interest Income	3,721	3,721	-	
Net Cash Provided By (Used In) Investing Activities	3,721	3,721	-	
FUND NET CASH FLOWS	(1,480,079)	(1,480,079)	-	

LEHIGH COUNTY AUTHORITY
FINANCIAL STATEMENTS - SUBURBAN WASTEWATER
For the Period Ended October 31, 2021

STATEMENTS OF ACTIVITIES	Suburban - Wastewater														
	Month					Year To Date					Full Year				
	Actual	Q4 FC	Prior Yr	FC Var	PY Var	Actual	Q4 FC	Prior Yr	FC Var	PY Var	Q4 FC	Budget	Prior Yr	Bud Var	PY Var
Operating Revenues:															
User Charges	1,416,377	1,416,377	1,273,706	-	142,671	14,963,474	14,963,474	13,325,323	-	1,638,151	17,553,369	19,166,369	16,168,927	(1,613,000)	1,384,442
Connection & System Charges	155,636	155,636	152,854	-	2,782	965,404	965,404	3,414,609	-	(2,449,205)	1,222,058	865,588	3,584,347	356,471	(2,362,289)
Other Miscellaneous Revenues	45	45	-	-	45	45,526	45,526	5,540	-	39,986	89,061	628	11,694	88,433	77,367
Total Operating Revenues	1,572,058	1,572,058	1,426,559	-	145,498	15,974,403	15,974,403	16,745,472	-	(771,069)	18,864,488	20,032,585	19,764,968	(1,168,097)	(900,480)
Operating Expenses:															
Personnel	116,270	116,270	15,945	-	(100,325)	1,079,659	1,079,659	823,631	-	(256,028)	1,291,454	1,760,954	1,292,099	469,500	645
Shared Services - General & Administrative	(5,126)	(5,126)	(115,124)	-	(109,998)	181,522	181,522	50,129	-	(131,393)	210,300	155,415	91,502	(54,885)	(118,798)
Utilities	22,971	22,971	25,045	-	2,073	236,704	236,704	243,136	-	6,432	289,430	449,484	296,419	160,055	6,989
Materials and Supplies	23,193	23,193	27,556	-	4,363	130,194	130,194	169,080	-	38,885	204,226	500,563	232,039	296,337	27,813
Miscellaneous Services	564,134	564,134	1,273,817	-	709,683	5,434,917	5,434,917	5,176,887	-	(258,031)	6,481,831	6,358,021	6,243,489	(123,810)	(238,342)
Treatment and Transportation	275,000	275,000	230,543	-	(44,457)	3,165,759	3,165,759	2,389,695	-	(776,064)	3,770,759	3,977,539	2,906,958	206,780	(863,801)
Depreciation and Amortization	384,727	384,727	384,159	-	(568)	3,847,270	3,847,270	3,835,299	-	(11,971)	5,937,183	4,616,783	5,937,183	(1,320,400)	-
Major Maintenance Expenses	4,722	4,722	212	-	(4,510)	75,210	75,210	32,042	-	(43,168)	84,654	1,000,000	42,698	915,346	(41,956)
Other Miscellaneous	-	-	-	-	-	-	-	-	-	-	-	46,422	-	46,422	-
Total Operating Expenses	1,385,891	1,385,891	1,842,153	-	456,261	14,151,236	14,151,236	12,719,899	-	(1,431,337)	18,269,837	18,865,181	17,042,387	595,344	(1,227,450)
Net Operating Profit	186,167	186,167	(415,593)	-	601,760	1,823,168	1,823,168	4,025,574	-	(2,202,406)	594,652	1,167,404	2,722,581	(572,752)	(2,127,929)
Non-Operating Income (Expense)															
Interest Income	9,172	9,172	12,149	-	(2,977)	74,368	74,368	161,330	-	(86,961)	87,017	190,471	185,457	(103,453)	(98,439)
Interest (Expense)	(15,378)	(15,378)	(16,420)	-	1,042	(155,511)	(155,511)	(167,601)	-	12,090	(184,586)	(181,995)	(199,707)	(2,591)	15,121
Other Miscellaneous	(5,469)	(5,469)	(6,970)	-	1,502	(45,060)	(45,060)	22,371	-	(67,431)	(45,060)	-	16,089	(45,060)	(61,150)
Net Non-Operating Income (Expense)	(11,675)	(11,675)	(11,242)	-	(433)	(126,203)	(126,203)	16,100	-	(142,302)	(142,629)	8,475	1,839	(151,104)	(144,468)
Net Income (Loss)	174,492	174,492	(426,835)	-	601,327	1,696,965	1,696,965	4,041,673	-	(2,344,708)	452,023	1,175,879	2,724,420	(723,856)	(2,272,397)
CASH FLOW STATEMENT															
Cash Flows From Operating Activities															
Operating Revenues	1,572,058	1,572,058	1,426,559	-	145,498	15,974,403	15,974,403	16,745,472	-	(771,069)	18,864,488	20,032,585	19,764,968	(1,168,097)	(900,480)
Operating Expenses (ex D&A)	(1,001,164)	(1,001,164)	(1,457,994)	-	456,830	(10,303,966)	(10,303,966)	(8,884,600)	-	(1,419,366)	(12,332,654)	(14,248,398)	(11,105,204)	1,915,745	(1,227,450)
Non-Cash Working Capital Changes	(782,623)	(782,623)	1,276,070	-	(2,058,693)	(1,860,673)	(1,860,673)	(2,324,207)	-	463,534	768,490	(0)	(878,011)	768,490	1,646,501
Net Cash Provided by (Used in) Operating Activities	(211,729)	(211,729)	1,244,635	-	(1,456,365)	3,809,765	3,809,765	5,536,665	-	(1,726,901)	7,300,324	5,784,186	7,781,753	1,516,138	(481,428)
Cash Flows From Financing Activities															
Capital Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Proceeds New Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payments	(12,452)	(12,452)	(13,511)	-	1,059	(135,508)	(135,508)	(138,444)	-	2,937	(180,703)	(181,995)	(164,692)	1,293	(16,011)
Principal Payments	(46,065)	(46,065)	(45,126)	-	(939)	(456,958)	(456,958)	(451,544)	-	(5,414)	(550,392)	(549,034)	(542,065)	(1,358)	(8,327)
Net Cash Provided by (Used in) Financing Activities	(58,517)	(58,517)	(58,637)	-	120	(592,466)	(592,466)	(589,989)	-	(2,478)	(731,095)	(731,029)	(706,757)	(66)	(24,338)
Cash Flows from Capital and Related Activities															
Non-Operating Income (Expenses)	(5,469)	(5,469)	(6,970)	-	1,502	(45,060)	(45,060)	22,371	-	(67,431)	(45,060)	-	16,089	(45,060)	(61,150)
Capital Expenditures, net	(172,921)	(172,921)	(543,344)	-	370,423	(2,531,529)	(2,531,529)	(6,095,983)	-	3,564,454	(3,236,360)	(2,921,800)	(8,381,452)	(314,560)	5,145,092
Net Cash Provided By (Used In) Capital and Related Activities	(178,389)	(178,389)	(550,314)	-	371,925	(2,576,589)	(2,576,589)	(6,073,612)	-	3,497,023	(3,281,420)	(2,921,800)	(8,365,363)	(359,620)	5,083,942
Cash Flows From Investing Activities															
Investments Converting To Cash	-	-	125,000	-	(125,000)	2,103,000	2,103,000	3,417,000	-	(1,314,000)	2,103,000	-	5,156,000	2,103,000	(3,053,000)
Purchased Investments	-	-	-	-	-	(2,966,000)	(2,966,000)	(3,653,000)	-	687,000	(2,966,000)	-	(3,653,000)	(2,966,000)	687,000
Interest Income	9,172	9,172	12,149	-	(2,977)	74,368	74,368	161,330	-	(86,961)	87,017	190,471	185,457	(103,453)	(98,439)
Net Cash Provided By (Used In) Investing Activities	9,172	9,172	137,149	-	(127,977)	(788,632)	(788,632)	(74,670)	-	(713,961)	(775,983)	190,471	1,688,457	(966,453)	(2,464,439)
FUND NET CASH FLOWS	(439,464)	(439,464)	772,833	-	(1,212,297)	(147,923)	(147,923)	(1,201,605)	-	1,053,683	2,511,826	2,321,828	398,089	189,999	2,113,737
DEBT SERVICE RATIO															
Debt Service Ratio (Indenture Based)															
User Charges	1,416,377	1,416,377	1,273,706	-	142,671	14,963,474	14,963,474	13,325,323	-	1,638,151	17,553,369	19,166,369	16,168,927	(1,613,000)	1,384,442
Operating Expenses (Cash Based)	(1,001,164)	(1,001,164)	(1,457,994)	-	456,830	(10,303,966)	(10,303,966)	(8,884,600)	-	(1,419,366)	(12,332,654)	(14,248,398)	(11,105,204)	1,915,745	(1,227,450)
Interest Income	9,172	9,172	12,149	-	(2,977)	74,368	74,368	161,330	-	(86,961)	87,017	190,471	185,457	(103,453)	(98,439)
Annual Lease Payment (City)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Operating Revenues (Expenses)	150,212	150,212	145,884	-	4,329	965,869	965,869	3,442,520	-	(2,476,651)	1,266,059	866,216	3,612,130	399,843	(2,346,072)
Cash Available For Debt Service	574,597	574,597	(26,256)	-	600,853	5,699,746	5,699,746	8,044,573	-	(2,344,827)	6,573,792	5,974,657	8,861,310	599,135	(2,287,518)
Interest Paid	15,059	15,166	13,724	(108)	1,334	150,586	150,586	137,243	-	13,342	180,703	181,995	164,692	(1,293)	16,011
Debt Retirement (Principal Payments)	45,866	45,753	45,172	113	694	458,660	458,660	451,721	-	6,939	550,392	549,034	542,065	1,358	8,327
Total Debt Service	60,925	60,919	58,896	5	2,028	609,246	609,246	588,964	-	20,282	731,095	731,029	706,757	66	24,338
Debt Service Ratio	9.43	9.43	(0.45)	(0.00)	9.88	9.36	9.36	13.66	-	(4.30)	8.99	8.17	12.54	0.82	(3.55)

**LEHIGH COUNTY AUTHORITY
VARIANCE ANALYSIS - MONTH
For the Period Ended October 31, 2021**

Suburban - Wastewater				
	Actual	Q4 FC	FC Var	Comments
STATEMENTS OF ACTIVITIES				
Operating Revenues:				
User Charges	1,416,377	1,416,377	-	
Connection & System Charges	155,636	155,636	-	
Other Miscellaneous Revenues	45	45	-	
Total Operating Revenues	1,572,058	1,572,058	-	
Operating Expenses:				
Personnel	116,270	116,270	-	
Shared Services - General & Administrative	(5,126)	(5,126)	-	
Utilities	22,971	22,971	-	
Materials and Supplies	23,193	23,193	-	
Miscellaneous Services	564,134	564,134	-	
Treatment and Transportation	275,000	275,000	-	
Depreciation and Amortization	384,727	384,727	-	
Major Maintenance Expenses	4,722	4,722	-	
Other Miscellaneous	-	-	-	
Total Operating Expenses	1,385,891	1,385,891	-	
Net Operating Profit	186,167	186,167	-	
Non-Operating Income (Expense)				
Interest Income	9,172	9,172	-	
Interest (Expense)	(15,378)	(15,378)	-	
Other Miscellaneous	(5,469)	(5,469)	-	
Net Non-Operating Income (Expense)	(11,675)	(11,675)	-	
Net Income (Loss)	174,492	174,492	-	
CASH FLOW STATEMENT				
Cash Flows From Operating Activities				
Operating Revenues	1,572,058	1,572,058	-	
Operating Expenses (ex D&A)	(1,001,164)	(1,001,164)	-	
Non-Cash Working Capital Changes	(782,623)	(782,623)	-	
Net Cash Provided by (Used in) Operating Activities	(211,729)	(211,729)	-	
Cash Flows From Financing Activities				
Capital Contributions	-	-	-	
Proceeds New Borrowing	-	-	-	
Interest Payments	(12,452)	(12,452)	-	
Principal Payments	(46,065)	(46,065)	-	
Net Cash Provided by (Used in) Financing Activities	(58,517)	(58,517)	-	
Cash Flows from Capital and Related Activities				
Non-Operating Income (Expenses)	(5,469)	(5,469)	-	
Capital Expenditures, net	(172,921)	(172,921)	-	
Net Cash Provided By (Used In) Capital and Related Activities	(178,389)	(178,389)	-	
Cash Flows From Investing Activities				
Investments Converting To Cash	-	-	-	
Purchased Investments	-	-	-	
Interest Income	9,172	9,172	-	
Net Cash Provided By (Used In) Investing Activities	9,172	9,172	-	
FUND NET CASH FLOWS	(439,464)	(439,464)	-	

**LEHIGH COUNTY AUTHORITY
FINANCIAL STATEMENTS - CITY DIVISION
For the Period Ended October 31, 2021**

STATEMENTS OF ACTIVITIES	City Division														
	Month					Year To Date					Full Year				
	Actual	Q4 FC	Prior Yr	FC Var	PY Var	Actual	Q4 FC	Prior Yr	FC Var	PY Var	Q4 FC	Budget	Prior Yr	Bud Var	PY Var
Operating Revenues:															
User Charges	3,548,558	3,548,558	3,416,284	-	132,275	35,201,735	35,201,735	30,515,572	-	4,686,163	42,583,934	41,996,514	37,983,675	587,420	4,600,259
Connection & System Charges	165,520	165,520	209,605	-	(44,085)	3,192,105	3,192,105	1,489,794	-	1,702,311	3,534,977	3,947,981	2,768,043	(413,004)	766,934
Other Miscellaneous Revenues	4,170	4,170	4,301	-	(131)	100,270	100,270	40,235	-	60,035	148,010	59,249	51,620	88,761	96,390
Total Operating Revenues	3,718,248	3,718,248	3,630,190	-	88,059	38,494,110	38,494,110	32,045,600	-	6,448,509	46,266,921	46,003,744	40,803,338	263,177	5,463,583
Operating Expenses:															
Personnel	877,595	877,595	1,193,667	-	316,072	8,788,627	8,788,627	9,306,626	-	517,998	11,143,099	11,561,494	11,012,535	418,395	(130,564)
Shared Services - General & Administrative	70,086	70,086	277,173	-	207,087	1,282,417	1,282,417	1,316,922	-	34,505	1,528,879	1,739,417	1,482,737	210,538	(46,142)
Utilities	149,550	149,550	191,741	-	42,191	1,534,043	1,534,043	1,584,367	-	50,324	1,817,804	2,156,620	1,815,047	338,815	(2,757)
Materials and Supplies	124,163	124,163	165,852	-	41,689	1,154,318	1,154,318	1,106,220	-	(48,098)	1,445,556	1,765,642	1,393,271	320,086	(52,285)
Miscellaneous Services	72,030	72,030	104,500	-	32,470	999,824	999,824	1,205,234	-	205,410	1,717,875	1,979,996	1,958,582	262,121	240,707
Treatment and Transportation	-	-	-	-	-	5,813	5,813	4,959	-	(854)	12,920	12,000	11,926	(920)	(994)
Depreciation and Amortization	491,154	491,154	490,000	-	(1,154)	4,911,540	4,911,540	4,900,000	-	(11,540)	6,117,396	5,893,862	6,117,396	(223,534)	-
Major Maintenance Expenses	6,502	6,502	27,482	-	20,979	668,085	668,085	2,975,588	-	2,307,503	2,726,226	2,652,924	4,206,199	(73,302)	1,479,973
Other Miscellaneous	4,884	4,884	-	-	(4,884)	7,540	7,540	-	-	(7,540)	7,540	13,972	-	6,432	(7,540)
Total Operating Expenses	1,795,965	1,795,965	2,450,414	-	654,449	19,352,207	19,352,207	22,399,915	-	3,047,709	26,517,295	27,775,927	27,997,693	1,258,631	1,480,398
Net Operating Profit	1,922,283	1,922,283	1,179,776	-	742,508	19,141,903	19,141,903	9,645,685	-	9,496,218	19,749,626	18,227,817	12,805,645	1,521,809	6,943,981
Non-Operating Income (Expense)															
Interest Income	377	377	556	-	(179)	2,176	2,176	160,930	-	(158,754)	2,930	172,960	162,075	(170,031)	(159,145)
Interest (Expense)	(1,382,735)	(1,382,735)	(1,453,283)	-	70,548	(13,827,350)	(13,827,350)	(14,767,173)	-	939,823	(16,744,251)	(17,535,086)	(17,257,071)	790,835	512,820
Other Miscellaneous	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Net Non-Operating Income (Expense)	(1,382,358)	(1,382,358)	(1,452,727)	-	70,369	(13,825,174)	(13,825,174)	(14,606,243)	-	781,069	(16,741,321)	(17,362,125)	(17,094,996)	620,804	353,675
Net Income (Loss)	539,925	539,925	(272,951)	-	812,876	5,316,729	5,316,729	(4,960,558)	-	10,277,287	3,008,304	865,692	(4,289,351)	2,142,612	7,297,656
CASH FLOW STATEMENT															
Cash Flows From Operating Activities															
Operating Revenues	3,718,248	3,718,248	3,630,190	-	88,059	38,494,110	38,494,110	32,045,600	-	6,448,509	46,266,921	46,003,744	40,803,338	263,177	5,463,583
Operating Expenses (ex D&A)	(1,304,811)	(1,304,811)	(1,960,414)	-	655,603	(14,440,667)	(14,440,667)	(17,499,915)	-	3,059,249	(20,399,899)	(21,882,064)	(21,880,297)	1,482,165	1,480,398
Non-Cash Working Capital Changes	(619,697)	(619,697)	187,542	-	(807,239)	(2,343,196)	(2,343,196)	(2,924,118)	0	580,921	48,682	50,001	(470,075)	(1,319)	518,757
Net Cash Provided by (Used in) Operating Activities	1,793,741	1,793,741	1,857,318	-	(63,577)	21,710,246	21,710,246	11,621,568	0	10,088,679	25,915,703	24,171,680	18,452,965	1,744,023	7,462,738
Cash Flows From Financing Activities															
Capital Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Proceeds New Borrowing	-	-	-	-	-	-	-	-	-	-	2,000,000	-	(2,000,000)	-	-
Interest Payments	-	-	-	-	-	(5,772,543)	(5,772,543)	(6,627,694)	(0)	855,151	(11,565,086)	(11,565,086)	(10,853,413)	-	(711,673)
Principal Payments	-	-	-	-	-	-	-	-	-	-	(2,660,831)	(2,660,831)	(2,163,632)	-	(497,199)
Net Cash Provided by (Used in) Financing Activities	-	-	-	-	-	(5,772,543)	(5,772,543)	(6,627,694)	(0)	855,151	(14,225,917)	(12,225,917)	(13,017,045)	(2,000,000)	(1,208,872)
Cash Flows from Capital and Related Activities															
Non-Operating Income (Expenses)	-	-	-	-	-	(1,243,524)	(1,243,524)	-	-	(1,243,524)	(1,243,524)	(1,230,600)	(533,258)	(12,924)	(710,266)
Capital Expenditures, net	(124,155)	(124,155)	(154,382)	-	30,227	(1,720,622)	(1,720,622)	(1,592,548)	-	(128,074)	(5,082,880)	(6,224,576)	(3,028,551)	1,141,696	(2,054,329)
Net Cash Provided By (Used In) Capital and Related Activities	(124,155)	(124,155)	(154,382)	-	30,227	(2,964,146)	(2,964,146)	(1,592,548)	-	(1,371,598)	(6,326,404)	(7,455,176)	(3,561,809)	1,128,772	(2,764,595)
Cash Flows From Investing Activities															
Investments Converting To Cash	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Purchased Investments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Income	377	377	556	-	(179)	2,176	2,176	160,930	-	(158,754)	2,930	172,960	162,075	(170,031)	(159,145)
Net Cash Provided By (Used In) Investing Activities	377	377	556	-	(179)	2,176	2,176	160,930	-	(158,754)	2,930	172,960	162,075	(170,031)	(159,145)
FUND NET CASH FLOWS	1,669,962	1,669,962	1,703,492	-	(33,530)	12,975,733	12,975,733	3,562,256	-	9,413,477	5,366,312	4,663,547	2,036,187	702,764	3,330,125
DEBT SERVICE RATIO															
Debt Service Ratio (Indenture Based)															
User Charges	3,548,558	3,548,558	3,416,284	-	132,275	35,201,735	35,201,735	30,515,572	-	4,686,163	42,583,934	41,996,514	37,983,675	587,420	4,600,259
Operating Expenses (Cash Based)	(1,304,811)	(1,304,811)	(1,960,414)	-	655,603	(14,440,667)	(14,440,667)	(17,499,915)	-	3,059,249	(20,399,899)	(21,882,064)	(21,880,297)	1,482,165	1,480,398
Interest Income	377	377	556	-	(179)	2,176	2,176	160,930	-	(158,754)	2,930	172,960	162,075	(170,031)	(159,145)
Annual Lease Payment (City)	-	-	-	-	-	(1,243,524)	(1,243,524)	(533,258)	-	(710,266)	(1,243,524)	(1,230,600)	(533,258)	(12,924)	(710,266)
Non-Operating Revenues (Expenses)	169,690	169,690	213,906	-	(44,216)	3,292,375	3,292,375	1,530,029	-	1,762,346	3,682,987	4,007,230	2,819,663	(324,243)	863,324
Cash Available For Debt Service	2,413,814	2,413,814	1,670,332	-	743,482	22,812,095	22,812,095	14,173,357	-	8,638,737	24,626,427	23,064,040	18,551,858	1,562,388	6,074,570
Interest Paid	963,757	963,757	887,639	-	76,118	9,637,572	9,637,572	8,876,388	-	761,183	11,565,086	11,565,086	10,853,413	-	711,673
Debt Retirement (Principal Payments)	221,736	221,736	73,534	-	148,202	2,217,359	2,217,359	735,338	-	1,482,021	2,660,831	2,660,831	2,163,632	-	497,199
Total Debt Service	1,185,493	1,185,493	961,173	-	224,320	11,854,931	11,854,931	9,611,727	-	2,243,204	14,225,917	14,225,917	13,017,045	-	1,208,872
Debt Service Ratio	2.04	2.04	1.74	-	0.30	1.92	1.92	1.47	-	0.45	1.73	1.62	1.43	0.11	0.31

**LEHIGH COUNTY AUTHORITY
VARIANCE ANALYSIS - MONTH
For the Period Ended October 31, 2021**

	City Division			
	Actual	Q4 FC	FC Var	Comments
STATEMENTS OF ACTIVITIES				
Operating Revenues:				
User Charges	3,548,558	3,548,558	-	
Connection & System Charges	165,520	165,520	-	
Other Miscellaneous Revenues	4,170	4,170	-	
Total Operating Revenues	3,718,248	3,718,248	-	
Operating Expenses:				
Personnel	877,595	877,595	-	
Shared Services - General & Administrative	70,086	70,086	-	
Utilities	149,550	149,550	-	
Materials and Supplies	124,163	124,163	-	
Miscellaneous Services	72,030	72,030	-	
Treatment and Transportation	-	-	-	
Depreciation and Amortization	491,154	491,154	-	
Major Maintenance Expenses	6,502	6,502	-	
Other Miscellaneous	4,884	4,884	-	
Total Operating Expenses	1,795,965	1,795,965	-	
Net Operating Profit	1,922,283	1,922,283	-	
Non-Operating Income (Expense)				
Interest Income	377	377	-	
Interest (Expense)	(1,382,735)	(1,382,735)	-	
Other Miscellaneous	-	-	-	
Net Non-Operating Income (Expense)	(1,382,358)	(1,382,358)	-	
Net Income (Loss)	539,925	539,925	-	
CASH FLOW STATEMENT				
Cash Flows From Operating Activities				
Operating Revenues	3,718,248	3,718,248	-	
Operating Expenses (ex D&A)	(1,304,811)	(1,304,811)	-	
Non-Cash Working Capital Changes	(619,697)	(619,697)	-	
Net Cash Provided by (Used in) Operating Activities	1,793,741	1,793,741	-	
Cash Flows From Financing Activities				
Capital Contributions	-	-	-	
Proceeds New Borrowing	-	-	-	
Interest Payments	-	-	-	
Principal Payments	-	-	-	
Net Cash Provided by (Used in) Financing Activities	-	-	-	
Cash Flows from Capital and Related Activities				
Non-Operating Income (Expenses)	-	-	-	
Capital Expenditures, net	(124,155)	(124,155)	-	
Net Cash Provided By (Used In) Capital and Related Activities	(124,155)	(124,155)	-	
Cash Flows From Investing Activities				
Investments Converting To Cash	-	-	-	
Purchased Investments	-	-	-	
Interest Income	377	377	-	
Net Cash Provided By (Used In) Investing Activities	377	377	-	
FUND NET CASH FLOWS	1,669,962	1,669,962	-	

LEHIGH COUNTY AUTHORITY
 CASH & INVESTMENT SUMMARY
 For the Period Ended October 31, 2021

	Suburban Water				Suburban Wastewater				City Division				Total			
	10/31/2021	2021	2021	2020	10/31/2021	2021	2021	2020	10/31/2021	2021	2021	2020	10/31/2021	2021	2021	2020
	Actual	Forecast	Budget	Actual	Actual	Forecast	Budget	Actual	Actual	Forecast	Budget	Actual	Actual	Forecast	Budget	Actual
Cash																
Operating																
Unrestricted	4,901,862	5,431,346	1,173,430	5,206,224	(1,817,588)	4,842,302	4,315,728	(217,015)	6,822,295	7,146,547	19,638,366	1,378,275	9,510,129	17,420,195	25,127,525	6,367,484
Restricted	-	-	2,532,181	-	-	272	0	272	23,108,691	18,916,139	1,614,754	23,992,616	23,108,691	18,916,411	4,146,935	23,992,888
Total Operating	4,901,862	5,431,346	3,705,611	5,206,224	(1,817,588)	4,842,574	4,315,728	(216,743)	29,930,986	26,062,686	21,253,120	25,370,891	32,618,820	36,336,606	29,274,460	30,360,372
Capital																
Unrestricted	319,705	319,705	2,037,248	2,037,248	9,124,528	5,124,528	7,672,019	7,672,019	3,367,168	4,322,434	169,980	169,980	12,811,402	9,766,668	9,879,247	9,879,247
Restricted	-	-	-	-	338,345	337,932	337,932	337,932	7,500,034	7,500,052	7,500,000	7,500,000	7,838,379	7,837,984	7,837,932	7,837,932
Total Capital	319,705	319,705	2,037,248	2,037,248	9,462,873	5,462,460	8,009,951	8,009,951	10,867,202	11,822,486	7,669,980	7,669,980	20,649,781	17,604,652	17,717,179	17,717,179
Other Restricted																
Debt Reserves	2,773,326	1,660,166	1,043,094	1,858,493	-	-	-	-	33,673,082	28,976,677	37,684,197	28,454,669	36,446,408	30,636,843	38,727,291	30,313,162
Escrow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Other Restricted	2,773,326	1,660,166	1,043,094	1,858,493	-	-	-	-	33,673,082	28,976,677	37,684,197	28,454,669	36,446,408	30,636,843	38,727,291	30,313,162
Total Cash	7,994,893	7,411,217	6,785,954	9,101,965	7,645,285	10,305,034	12,325,679	7,793,208	74,471,270	66,861,849	66,607,297	61,495,540	89,715,009	84,578,101	85,718,930	78,390,713
Investments																
Operating																
Unrestricted	1,977,740	1,497,825	2,136,930	1,497,825	-	5,387,746	6,757,276	5,387,746	-	-	-	-	1,977,740	6,885,571	8,894,206	6,885,571
Restricted	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating	1,977,740	1,497,825	2,136,930	1,497,825	-	5,387,746	6,757,276	5,387,746	-	-	-	-	1,977,740	6,885,571	8,894,206	6,885,571
Capital																
Unrestricted	1,000,150	1,000,000	1,000,000	1,000,000	6,987,685	1,000,000	1,000,000	1,000,000	-	-	-	-	7,987,835	2,000,000	2,000,000	2,000,000
Restricted	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Capital	1,000,150	1,000,000	1,000,000	1,000,000	6,987,685	1,000,000	1,000,000	1,000,000	-	-	-	-	7,987,835	2,000,000	2,000,000	2,000,000
Other Restricted																
Debt Reserves	-	244,924	-	244,924	-	-	-	-	-	-	-	-	-	244,924	-	244,924
Escrow	5,947,804	4,210,752	4,236,279	4,210,752	-	-	-	-	-	-	-	-	5,947,804	4,210,752	4,236,279	4,210,752
Total Other Restricted	5,947,804	4,455,676	4,236,279	4,455,676	-	-	-	-	-	-	-	-	5,947,804	4,455,676	4,236,279	4,455,676
Total Investments	8,925,694	6,953,501	7,373,209	6,953,501	6,987,685	6,387,746	7,757,276	6,387,746	-	-	-	-	15,913,379	13,341,247	15,130,485	13,341,247
Total Cash and Investments	16,920,587	14,364,718	14,159,163	16,055,466	14,632,970	16,692,780	20,082,955	14,180,954	74,471,270	66,861,849	66,607,297	61,495,540	105,628,388	97,919,348	100,849,415	91,731,960
Summary																
Cash																
Unrestricted	5,221,568	5,751,051	3,210,679	7,243,472	7,306,941	9,966,830	11,987,747	7,455,004	10,189,463	11,468,981	19,808,346	1,548,255	22,321,531	27,186,863	35,006,772	16,246,731
Restricted	2,773,326	1,660,166	3,575,275	1,858,493	338,345	338,204	337,932	338,204	64,281,807	55,392,868	46,798,951	59,947,285	67,393,478	57,391,238	50,712,158	62,143,982
Total Cash	7,994,893	7,411,217	6,785,954	9,101,965	7,645,285	10,305,034	12,325,679	7,793,208	74,471,270	66,861,849	66,607,297	61,495,540	89,715,009	84,578,101	85,718,930	78,390,713
Investments																
Unrestricted	2,977,890	2,497,825	3,136,930	2,497,825	6,987,685	6,387,746	7,757,276	6,387,746	-	-	-	-	9,965,575	8,885,571	10,894,206	8,885,571
Restricted	5,947,804	4,455,676	4,236,279	4,455,676	-	-	-	-	-	-	-	-	5,947,804	4,455,676	4,236,279	4,455,676
Total Investments	8,925,694	6,953,501	7,373,209	6,953,501	6,987,685	6,387,746	7,757,276	6,387,746	-	-	-	-	15,913,379	13,341,247	15,130,485	13,341,247
Total Cash and Investments	16,920,587	14,364,718	14,159,163	16,055,466	14,632,970	16,692,780	20,082,955	14,180,954	74,471,270	66,861,849	66,607,297	61,495,540	105,628,388	97,919,348	100,849,415	91,731,960

Lehigh County Authority

System Operations Review - October 2021

Presented: November 22, 2021

Critical Activities	System	Description	Oct-21	2021 Totals	2020 Totals	Permit
			Daily Avg (MGD)	Daily Avg (MGD)	Daily Avg (MGD)	Daily Max (MGD)
Water Production	Allentown	Total	21.24	22.13	21.37	39.0
		Schantz Spring	6.87	7.38	7.31	9.0
		Crystal Spring	3.79	3.75	3.80	4.0
		Little Lehigh Creek	10.45	10.95	10.17	30.0
		Lehigh River	0.13	0.04	0.09	28.0
	Central Lehigh	Total	10.91	11.19	10.24	19.04 MGD Avg
		Feed from Allentown	6.90	7.39	6.71	7.0 MGD Avg 10.5 MGD Max
		Well Production (CLD)	4.01	3.80	3.53	8.54 MGD Avg
		Sum of all (12) other Suburban Water Systems	0.13	0.13	0.15	1.71 Sum of all wells
Wastewater Treatment		Kline's Island	31.29	32.91	32.27	40.0
		Pretreatment Plant	5.08	5.32	4.94	5.75 (design capacity)
		Sum of all (5) other Suburban WW Systems	0.19	0.21	0.21	0.36
			Oct-21	2021 Totals	2020 Totals	2019 Totals
Precipitation Totals (inches)			3.87	42.0	49.57	60.66
Compliance Reports Submitted to Allentown			27	246	275	278
Notices of Violation (NOVs)	(Allentown + Suburban)		0	2	2	1
Sanitary Sewer Overflows (SSOs)/Bypasses	(Allentown + Suburban)		1	23	44	37
Main Breaks Repaired	Allentown		1	18	19	20
	Suburban		0	11	17	12
Customer Service Phone Inquiries	(Allentown + Suburban)		1,067	14,033	16,772	22,992
Water Shutoffs for Non-Payment	(Allentown + Suburban)		152	1,483	280	1,956
Injury Accidents	(Allentown + Suburban)		0	6	10	10
Emergency Declarations	Allentown		0	0	(4)@\$750,058	(2)@ \$152,053
	Suburban		0	(1) @ \$48,000	(1)@\$110,000	(1) @ \$19,335
<p>Significant Repairs/Upgrades: Between October 18 and 21, all four (4) of the Western Lehigh Interceptor (WLI) siphon chambers were cleaned. The siphon chambers are required at points where the WLI flows underneath the Little Lehigh Creek. The annual cleaning process was missed in 2020 due to COVID concerns and will return to annual events in 2021. There was evidence of Hydrogen Sulfide degradation in all of the chambers, and follow-up actions will be taken to assess their current physical conditions and develop a remediation plan.</p>						
<p>Description of NOVs and/or SSOs: There was a single bypass that occurred during October. Excessive rainfall resulted in a bypass at Heidelberg Heights WWTP on 10/30-11/1. Approximately 138,000 gallons was bypassed during the event. There were (0) NOVs and SSOs during October.</p>						
<p>Other Highlights: On October 18/19, LCA staff in conjunction with Joao Bradley and Pure Technologies, excavated and replaced the worst sections of 36" and 30" DI pipe that had been previously identified during the recent condition assessment project. Pure Technologies performed additional analyses on the pipe sections that were pulled and a report will be provided ASAP.</p>						