



BOARD MEETING AGENDA – March 23, 2020

1. Call to Order

- NOTICE OF MEETING RECORDINGS

Meetings of Lehigh County Authority's Board of Directors that are held at LCA's Main Office at 1053 Spruce Road, Wescosville, PA, may be recorded for viewing online at lehighcountauthority.org. Recordings of LCA meetings are for public convenience and internal use only and are not considered as minutes for the meeting being recorded, nor are they part of public record. Recordings may be retained or destroyed at LCA's discretion.

- *Public Participation Sign-In Request*

2. Review of Agenda / Executive Sessions

3. Approval of Minutes

- *March 9, 2020 Board meeting minutes*

4. Public Comments

5. Action / Discussion Items:

FINANCE AND ADMINISTRATION

- *Emergency Declaration – COVID-19 Pandemic Response (Approval)*

WATER

WASTEWATER

6. Monthly Project Updates / Information Items (1st Board meeting per month)

7. Monthly Financial Review (2nd Board meeting per month) – **January report attached, February report to be provided at a later date**

8. Monthly System Operations Overview (2nd Board meeting per month) – **February report attached**

9. Staff Comments

10. Solicitor's Comments

11. Public Comments / Other Comments

12. Executive Sessions

13. Adjournment

UPCOMING BOARD MEETINGS

Meetings begin at Noon at LCA's Main Office, unless noted otherwise below.

April 13, 2020

April 27, 2020

May 11, 2020

PUBLIC PARTICIPATION POLICY

In accordance with Authority policy, members of the public shall record their name, address, and discussion item on the sign-in sheet at the start of each meeting; this information shall also be stated when addressing the meeting. During the Public Comment portions of the meeting, members of the public will be allowed 5 minutes to make comments/ask questions regarding non-agenda items, but time may be extended at the discretion of the Chair; comments/questions regarding agenda items may be addressed after the presentation of the agenda item. Members of the public may not request that specific items or language be included in the meeting minutes.

REGULAR MEETING MINUTES

March 9, 2020

The Regular Meeting of the Lehigh County Authority Board of Directors was called to order at 12:00 p.m. on Monday, March 9, 2020, Chairman Brian Nagle presiding. Other Members present at the commencement of the meeting were: Linda Rosenfeld, Jeff Morgan, Richard Bohner, Ted Lyons, Scott Bieber, and Amir Famili. Norma Cusick was on the conference phone for the duration of the meeting. Authority Staff present were Liesel Gross, Chuck Volk, Ed Klein, John Parsons, Andrew Moore, Susan Sampson, Chris Moughan, Todd Marion, Phil DePoe, and Lisa Miller. Solicitor Michael Gaul was also present.

Chairman Nagle announced that today's Board meeting is being videotaped and streaming live and recordings will be posted to the Authority's website.

Chairman Nagle also announced that the Board received their packets prior to the meeting.

REVIEW OF AGENDA

Liesel Gross stated she has items to discuss under Staff comments and there will be an Executive Session at the end of the regular meeting to discuss two matters of potential litigation.

APPROVAL OF MINUTES

February 24, 2020 Regular Meeting Minutes

On a motion by Richard Bohner, seconded by Linda Rosenfeld, the Board approved the minutes of the February 24, 2020 Board meeting as published (6-0). Scott Bieber and Jeff Morgan abstained.

PUBLIC COMMENTS

None.

ACTION AND DISCUSSION ITEMS

Preliminary 2021-2025 Capital Plans – Revised Allentown Division sheets

Liesel Gross noted that the public comment period for the 2021-2025 capital plans ends on March 11, 2020. Any comments received will be compiled and discussed at the next Board meeting on March 23, 2020.

Chuck Volk reviewed the minor revision to the unfunded projects in the draft Allentown Division Wastewater capital plan. The Kline's Island Wastewater Treatment plant boiler and heating systems replacement and upgrade project was previously indicated to be an unfunded project but was captured in the General Improvements category. Due to recent review with the design engineer regarding the scope of work required, the project has been revised and now categorized as an unfunded major capital improvement project due to increased estimated cost. The revision has been reviewed with the City Compliance office. The unfunded General Improvement project category was also revised to remove the previous scope of the boiler replacement project.

Emergency 36" Transmission Water Main Repair & Valve Replacement Memorandum

John Parsons explained the emergency that occurred on February 17, 2020 where a leak to the 36" transmission water main at North 17th and Turner streets was discovered. In order to make the repair, the 36" line had to be shut down. During the isolation, two valves broke. Because of the location of the break and the size of the pipe involved, the repairs were outside of the capabilities of LCA equipment and crews, therefore requiring an emergency declaration. Mr. Parsons is asking for approval of the emergency declaration retroactive to the date of the transmission main break and covering the cost of the repair in the amount of \$119,972.36.

On a motion by Linda Rosenfeld, seconded by Jeff Morgan, the Board approved the Emergency Declaration in the amount of \$119,972.36 (8-0).

John Parsons stated that discussion needs to happen regarding the frequency and method of exercising large valves in the system. Liesel Gross commented that the project was well coordinated between the various operating groups.

Allentown Division – Sanitary Sewer Collection System: I&I Source Reduction Program Plan (Year 1)

Phil DePoe described the project overview for Year 1 of the Allentown Division I&I Source Reduction Improvements. Accordingly, Kleinfelder recently completed the design documents for the pipes to be rehabilitated, including heavy cleaning and full cured-in-place pipelining (CIPP). The pipelining follows ASTM recommendations. Mr. DePoe is asking for approval of the Capital Project Authorization – Construction Phase in the amount of \$600,395.00 which includes the General Construction Contract awarded to Standard Pipe Services in the amount of \$486,695.00 and the Professional Services Authorization to Kleinfelder in the amount of \$88,700.00.

On a motion by Ted Lyons, seconded by Linda Rosenfeld, the Board approved the Capital Project Authorization – Construction Phase in the amount of \$600,395.00 which includes the General Construction Contract awarded to Standard Pipe Services in the amount of \$486,695.00 and the Professional Services Authorization to Kleinfelder in the amount of \$88,700.00 (8-0).

MONTHLY PROJECTS UPDATES / INFORMATION ITEMS

Liesel Gross reviewed the March 2020 report noting there are not many items for the upcoming meeting on March 23, 2020. However, comments to the 2021-2025 Capital Plans will be reviewed and approval of the plans will be sought. Scott Bieber questioned the six Fybr sites for the Watershed Monitoring Program. John Parsons explained that U.S. Geological Survey (USGS) and LCA worked together to determine sites. There was some discussion on the monitoring stations. Mr. Bieber also asked about the flow metering program. Phil DePoe explained the process.

Liesel Gross announced that both the January and February Financial reports will be provided for the March 23, 2020 meeting but Ed Klein will only present details on the February report.

STAFF COMMENTS

Liesel Gross commented on the coronavirus and provided a handout regarding LCA's pandemic / depleted workforce plan which explains guidelines for the workplace. The Authority has a sick policy for employees to use for any illness.

Ms. Gross updated the Board on the sewer capacity plan. A draft of the plan is circulating and ready for public review next week which the Board will receive a copy of. The draft outlines a plan for

development of the long term Act 537 plan. The draft plans will go to the Planning Commissions of local municipalities and will be required to be approved by Resolution. Since LCA is not an official municipality we are not required to provide comments or a resolution but if the Board feels they want to do so, they may. Phil DePoe added that the planning commissions have a 60 day comment period, then a 30 day public comment period, and after that resolutions can be adopted for a September submission date to DEP.

Liesel Gross provided an update on the status of the strategic plan and provided a handout of the process and timeline. The goal is to have the strategic goals and 2021 plans align with the 2021 budget process. Ms. Gross said she will be going out for proposals to providers who perform this type of work and welcomes any comments.

Chairman Nagle announced Board member training is available from PMAA.

SOLICITOR'S COMMENTS

None.

PUBLIC COMMENTS / OTHER COMMENTS

Chairman Nagle called a recess at 12:55 p.m. The meeting reconvened at 1:07 p.m.

An Executive Session was held at 1:07 p.m. to discuss matters of potential litigation.

The Executive Session ended at 1:53 p.m.

ADJOURNMENT

There being no further business, the Chairman adjourned the meeting at 1:53 p.m.

Richard H. Bohner
Secretary



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MEMORANDUM

TO: LCA Board of Directors
FROM: Liesel Gross, CEO
DATE: March 17, 2020
RE: COVID-19 Pandemic Response – Emergency Declaration

Since late last year, Lehigh County Authority (LCA) staff have been following the progression of the coronavirus outbreak now known as COVID-19. Earlier this month, cases have begun to appear in Pennsylvania. At this time, there is no specific treatment available for the illness and a vaccine is up to a year or more away. The spread of the illness in other countries such as China, Italy and Spain have illustrated the many community challenges we will face if the virus continues to spread.

LCA had proactively developed a Pandemic Response / Depleted Workforce plan in 2003 with the SARS outbreak, and it has been successfully used and updated since that time to reflect current organizational requirements. This plan is an appendix to LCA's comprehensive Emergency Response Plan document and implementation of the plan at advanced phases of pandemic require a formal declaration of emergency.

On Thursday, March 12, 2020, an internal group of LCA managers met to review the plan and develop initial strategies to adjust operational practices. On Monday, March 16, 2020, an internal Pandemic Response Team met to review additional provisions to be implemented. Due to the National, State and County declarations of emergency, the team deemed LCA to be operating under "Phase 3" of the plan, which includes provisions for alternative work arrangements and other policy updates, which are described below.

The goals of the current operational changes and policy updates LCA has implemented are:

1. Ensure uninterrupted provision of safe water and sewer services to the community.
2. Protection of our employees' health and well-being.

Some specific details LCA has implemented under Phase 3 of the Pandemic Response Plan are:

- Suspension of water service termination due to non-payment, to provide uninterrupted service to all customers.
- Suspension of customer service site visits requiring entry into the home, except on an emergency basis.
- Closure of LCA customer service offices for walk-in customers, but continued full response via phone and email.
- Cancellation of meetings of more than 10 people.
- Advanced workplace and personal hygiene and sanitation practices, including ordering of additional supplies.
- Securing additional critical supplies.

Every drop matters. Every customer counts.

- Adjustment of operational staffing and scheduling practices to separate crews from one another and reduce employees' face-to-face contact with one another.
- Development of additional provisions for administrative employees to work remotely.
- Adjustment of employee policies related to the use of paid time off, to provide additional flexibility and paycheck security for all employees.
- Provisions to track costs associated with these adjusted operational procedures and policies.

There are many other details being developed by the LCA staff to achieve LCA's public service goals as this situation evolves.

It is important for LCA to formalize the staff's authorization to take these and any other actions that may be necessary to maintain safe and reliable service for our community, and a protective and supportive work environment for our employees. At the March 23, 2020 Board meeting, a formal declaration of emergency will be requested, retroactive to March 16, 2020 when Phase 3 of the Pandemic Response Plan was activated by the staff.

**LEHIGH COUNTY AUTHORITY
FINANCIAL STATEMENTS
JANUARY 2020**

LEHIGH COUNTY AUTHORITY
FINANCIAL STATEMENTS - SUMMARY
JANUARY 2020

MONTH					YEAR-TO-DATE					FULL YEAR					
Actual	Forecast	Prior Year	FC Var	PY Var	JANUARY 2020	Actual	Forecast	Prior Year	FC Var	PY Var	Forecast	Budget	Prior Year	Bud Var	PY Var
Income Statement															
124,542	109,223	81,355	15,319	43,187	Suburban Water	124,542	109,223	81,355	15,319	43,187	(78,408)	(78,407)	811,663	(1)	(890,071)
102,467	63,371	2,247	39,096	100,220	Suburban Wastewater	102,467	63,371	2,247	39,096	100,220	(1,269,300)	(1,269,292)	(967,554)	(8)	(301,746)
19,394	6,443	(452,969)	12,951	472,363	City Division	19,394	6,443	(452,969)	12,951	472,363	(4,106,580)	(4,106,561)	(2,102,351)	(19)	(2,004,229)
246,403	179,037	(369,367)	67,366	615,770	Total LCA	246,403	179,037	(369,367)	67,366	615,770	(5,454,288)	(5,454,260)	(2,258,242)	(28)	(3,196,046)
Cash Flow Statement															
241,842	218,442	383,481	23,400	(141,639)	Suburban Water	241,842	218,442	383,481	23,400	(141,639)	(2,048,280)	(2,048,282)	2,470,117	2	(4,518,397)
(687,688)	(846,089)	(518,851)	158,401	(168,837)	Suburban Wastewater	(687,688)	(846,089)	(518,851)	158,401	(168,837)	17,484,852	17,484,855	(1,600,328)	(3)	19,085,180
478,452	411,105	344,932	67,347	133,520	City Division	478,452	411,105	67,347	67,347	411,105	3,142,942	3,142,950	7,412,882	(8)	(4,269,940)
32,606	(216,542)	209,563	249,148	(176,957)	Total LCA	32,606	(216,542)	(68,023)	249,148	100,629	18,579,514	18,579,523	8,282,671	(9)	10,296,843
Debt Service Coverage Ratio															
1.70	1.63	1.68	0.06	0.02	Suburban Water	1.70	1.63	1.68	0.06	0.02	1.25	1.25	1.59	0.00	(0.34)
3.74	3.44	7.09	0.29	(3.35)	Suburban Wastewater	3.74	3.44	7.09	0.29	(3.35)	2.56	2.56	5.68	(0.00)	(3.12)
1.49	1.48	1.27	0.01	0.22	City Division	1.49	1.48	1.27	0.01	0.22	1.34	1.34	1.48	-	(0.15)

LEHIGH COUNTY AUTHORITY
CONSOLIDATED FINANCIAL STATEMENTS
JANUARY 2020

MONTH				JANUARY 2020				YEAR-TO-DATE				FULL YEAR				
Sub W	Sub WW	City	LCA	INCOME STATEMENT				Sub W	Sub WW	City	LCA	Sub W	Sub WW	City	LCA	
				Operating Revenues												
872,753	1,232,767	3,097,649	5,203,169	User Charges				872,753	1,232,767	3,097,649	5,203,169	10,582,032	16,446,156	38,712,480	65,740,668	
15,251	59,528	1,285	76,064	Connection & System Charges				15,251	59,528	1,285	76,064	776,496	846,288	2,959,800	4,582,584	
888,004	1,292,295	3,098,934	5,279,233	Total Operating Revenues				888,004	1,292,295	3,098,934	5,279,233	11,358,528	17,292,444	41,672,280	70,323,252	
				Operating Expenses												
159,691	71,361	569,896	800,948	Personnel Costs				159,691	71,361	569,896	800,948	2,106,228	992,544	7,883,196	10,981,968	
36,345	25,857	351,412	413,614	General and Administrative				36,345	25,857	351,412	413,614	1,193,832	452,688	4,604,676	6,251,196	
30,883	23,360	170,060	224,303	Utilities				30,883	23,360	170,060	224,303	596,544	464,328	2,141,064	3,201,936	
10,783	13,934	50,322	75,039	Materials and Supplies				10,783	13,934	50,322	75,039	563,004	430,152	1,688,640	2,681,796	
184,341	674,509	30,009	888,859	Miscellaneous Services				184,341	674,509	30,009	888,859	2,875,140	10,015,956	2,342,340	15,233,436	
-	-	-	-	Treatment & Transportation				-	-	-	-	-	-	-	-	-
220,000	383,460	490,000	1,093,460	Depreciation and Amortization				220,000	383,460	490,000	1,093,460	2,750,004	4,602,996	5,880,000	13,233,000	
268	1,802	19,754	21,824	Other Expenses				268	1,802	19,754	21,824	3,396	999,996	2,782,920	3,786,312	
642,311	1,194,283	1,681,453	3,518,047	Total Operating Expenses				642,311	1,194,283	1,681,453	3,518,047	10,088,148	17,958,660	27,322,836	55,369,644	
245,693	98,012	1,417,481	1,761,186	Net Operating Income				245,693	98,012	1,417,481	1,761,186	1,270,380	(666,216)	14,349,444	14,953,608	
				Non-Operating Income (Expense)												
12,556	22,701	62,511	97,768	Interest Income				12,556	22,701	62,511	97,768	159,996	200,004	900,000	1,260,000	
(127,804)	(17,302)	(1,453,283)	(1,598,389)	Interest Expense				(127,804)	(17,302)	(1,453,283)	(1,598,389)	(1,508,784)	(803,088)	(19,356,024)	(21,667,896)	
(5,903)	(944)	(7,315)	(14,162)	Other Miscellaneous Income (Expenses)				(5,903)	(944)	(7,315)	(14,162)	-	-	-	-	
(121,151)	4,455	(1,398,087)	(1,514,783)	Net Non-Operating Income (Expense)				(121,151)	4,455	(1,398,087)	(1,514,783)	(1,348,788)	(603,084)	(18,456,024)	(20,407,896)	
124,542	102,467	19,394	246,403	Net Income Before Capital Contributions				124,542	102,467	19,394	246,403	(78,408)	(1,269,300)	(4,106,580)	(5,454,288)	
-	-	-	-	Capital Contributions				-	-	-	-	-	-	-	-	-
124,542	102,467	19,394	246,403	NET INCOME				124,542	102,467	19,394	246,403	(78,408)	(1,269,300)	(4,106,580)	(5,454,288)	
				CASH FLOW STATEMENT												
				Cash Flows From Operating Activities												
888,004	1,292,295	3,098,934	5,279,233	Operating Revenues				888,004	1,292,295	3,098,934	5,279,233	11,358,528	17,292,444	41,672,280	70,323,252	
(422,311)	(810,823)	(1,191,453)	(2,424,587)	Operating Expenses (ex D&A)				(422,311)	(810,823)	(1,191,453)	(2,424,587)	(7,338,144)	(13,355,664)	(21,442,836)	(42,136,644)	
(645,632)	(784,102)	(1,447,210)	(2,876,944)	Non-Cash Working Capital Changes				(645,632)	(784,102)	(1,447,210)	(2,876,944)	-	-	-	-	
(179,939)	(302,630)	460,271	(22,298)	Net Cash Provided by (Used in) Operating Activities				(179,939)	(302,630)	460,271	(22,298)	4,020,384	3,936,780	20,229,444	28,186,608	
				Cash Flows From Financing Activities												
-	-	-	-	Capital Contributions				-	-	-	-	-	-	-	-	-
-	-	-	-	Proceeds New Borrowing				-	-	-	-	5,119,500	22,635,000	-	27,754,500	
(4,455)	(14,322)	-	(18,777)	Interest Payments				(4,455)	(14,322)	-	(18,777)	(1,508,784)	(803,088)	(13,978,236)	(16,290,108)	
(30,563)	(48,608)	-	(79,171)	Principal Payments				(30,563)	(48,608)	-	(79,171)	(1,832,772)	(813,348)	(1,442,928)	(4,089,048)	
(35,018)	(62,930)	-	(97,948)	Net Cash Provided by (Used in) Financing Activities				(35,018)	(62,930)	-	(97,948)	1,777,944	21,018,564	(15,421,164)	7,375,344	
				Cash Flows from Capital and Related Activities												
(5,903)	(944)	(7,315)	(14,162)	Non-Operating Income (Expenses)				(5,903)	(944)	(7,315)	(14,162)	-	-	(533,258)	(533,258)	
(47,854)	(107,829)	(37,015)	(192,698)	Capital Expenditures, net				(47,854)	(107,829)	(37,015)	(192,698)	(8,006,604)	(7,670,496)	(2,032,080)	(17,709,180)	
(53,757)	(108,773)	(44,330)	(206,860)	Net Cash Provided by (Used in) Capital and Related Activities				(53,757)	(108,773)	(44,330)	(206,860)	(8,006,604)	(7,670,496)	(2,565,338)	(18,242,438)	
				Cash Flows From Investing Activities												
498,000	-	-	498,000	Investments Converting To Cash				498,000	-	-	498,000	498,000	-	-	498,000	
-	(236,056)	-	(236,056)	Purchased Investments				-	(236,056)	-	(236,056)	(498,000)	-	-	(498,000)	
12,556	22,701	62,511	97,768	Interest Income				12,556	22,701	62,511	97,768	159,996	200,004	900,000	1,260,000	
510,556	(213,355)	62,511	359,712	Net Cash Provided By (Used In) Investing Activities				510,556	(213,355)	62,511	359,712	159,996	200,004	900,000	1,260,000	
241,842	(687,688)	478,452	32,606	FUND NET CASH FLOWS				241,842	(687,688)	478,452	32,606	(2,048,280)	17,484,852	3,142,942	18,579,514	
				DEBT SERVICE RATIO												
472,346	503,229	1,918,239	2,893,814	Total Cash Available For Debt Service				472,346	503,229	1,918,239	2,893,814	4,180,380	4,136,784	20,596,186	28,913,350	
278,463	134,703	1,285,097	1,698,263	Debt Service				278,463	134,703	1,285,097	1,698,263	3,341,556	1,616,436	15,421,164	20,379,156	
1.70	3.74	1.49	1.70	DSCR				1.70	3.74	1.49	1.70	1.25	2.56	1.34	1.42	

LEHIGH COUNTY AUTHORITY
FINANCIAL STATEMENTS - SUBURBAN WATER
JANUARY 2020

MONTH					JANUARY 2020					YEAR-TO-DATE					FULL YEAR				
Actual	Forecast	Prior Yr	FC Var	PY Var	INCOME STATEMENT					Actual	Forecast	Prior Yr	FC Var	PY Var	Forecast	Budget	Prior Yr	Bud Var	PY Var
					Operating Revenues														
872,753	865,568	838,216	7,185	34,537	User Charges	872,753	865,568	838,216	7,185	34,537	10,582,032	10,582,010	9,893,594	22	688,438				
15,251	26,708	14,795	(11,457)	456	Connection & System Charges	15,251	26,708	14,795	(11,457)	456	776,496	776,500	956,817	(4)	(180,321)				
888,004	892,276	853,012	(4,272)	34,992	Total Operating Revenues	888,004	892,276	853,012	(4,272)	34,992	11,358,528	11,358,510	10,850,411	18	508,117				
					Operating Expenses														
159,691	160,519	126,621	828	(33,070)	Personnel Costs	159,691	160,519	126,621	828	(33,070)	2,106,228	2,106,222	1,511,237	(6)	(594,991)				
36,345	39,486	73,794	3,141	37,449	General and Administrative	36,345	39,486	73,794	3,141	37,449	1,193,832	1,193,837	919,226	5	(274,606)				
30,883	31,712	33,960	829	3,077	Utilities	30,883	31,712	33,960	829	3,077	596,544	596,540	488,568	(4)	(107,976)				
10,783	21,392	11,166	10,609	383	Materials and Supplies	10,783	21,392	11,166	10,609	383	563,004	563,005	376,069	1	(186,935)				
184,341	197,095	167,780	12,754	(16,561)	Miscellaneous Services	184,341	197,095	167,780	12,754	(16,561)	2,875,140	2,875,124	2,575,929	(16)	(299,211)				
-	-	-	-	-	Treatment & Transportation	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220,000	220,167	229,166	167	9,166	Depreciation and Amortization	220,000	220,167	229,166	167	9,166	2,750,000	2,750,000	2,749,992	(4)	(12)				
268	283	5,131	15	4,863	Other Expenses	268	283	5,131	15	4,863	3,396	3,400	60,771	4	57,375				
642,311	670,654	647,618	28,343	5,307	Total Operating Expenses	642,311	670,654	647,618	28,343	5,307	10,088,148	10,088,128	8,681,792	(20)	(1,406,356)				
245,693	221,622	205,394	24,071	40,299	Net Operating Income	245,693	221,622	205,394	24,071	40,299	1,270,380	1,270,382	2,168,619	(2)	(898,239)				
					Non-Operating Income (Expense)														
12,556	13,333	12,344	(777)	212	Interest Income	12,556	13,333	12,344	(777)	212	159,996	160,000	179,230	(4)	(19,234)				
(127,804)	(125,732)	(136,384)	(2,072)	8,580	Interest Expense	(127,804)	(125,732)	(136,384)	(2,072)	8,580	(1,508,784)	(1,508,789)	(1,536,186)	5	27,402				
(5,903)	-	-	(5,903)	(5,903)	Other Miscellaneous Income (Expenses)	(5,903)	-	-	(5,903)	(5,903)	-	-	-	-	-	-	-	-	-
(121,151)	(112,399)	(124,039)	(8,752)	2,888	Net Non-Operating Income (Expense)	(121,151)	(112,399)	(124,039)	(8,752)	2,888	(1,348,788)	(1,348,789)	(1,356,956)	1	8,168				
124,542	109,223	81,355	15,319	43,187	Net Income Before Capital Contributions	124,542	109,223	81,355	15,319	43,187	(78,408)	(78,407)	811,663	(1)	(890,071)				
-	-	-	-	-	Capital Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124,542	109,223	81,355	15,319	43,187	NET INCOME	124,542	109,223	81,355	15,319	43,187	(78,408)	(78,407)	811,663	(1)	(890,071)				
MONTH					JANUARY 2020					YEAR-TO-DATE					FULL YEAR				
Actual	Forecast	Prior Yr	FC Var	PY Var	CASH FLOW STATEMENT					Actual	Forecast	Prior Yr	FC Var	PY Var	Forecast	Budget	Prior Yr	Bud Var	PY Var
					Cash Flows From Operating Activities														
888,004	892,276	853,012	(4,272)	34,992	Operating Revenues	888,004	892,276	853,012	(4,272)	34,992	11,358,528	11,358,510	10,850,411	18	508,117				
(422,311)	(450,487)	(418,452)	28,176	(3,859)	Operating Expenses (ex D&A)	(422,311)	(450,487)	(418,452)	28,176	(3,859)	(7,338,144)	(7,338,128)	(5,931,800)	(16)	(1,406,344)				
(645,632)	(650,000)	(639,798)	4,368	(5,834)	Non-Cash Working Capital Changes	(645,632)	(650,000)	(639,798)	4,368	(5,834)	-	-	5,800,237	-	(5,800,237)				
(179,939)	(208,211)	(205,238)	28,272	25,299	Net Cash Provided by (Used In) Operating Activities	(179,939)	(208,211)	(205,238)	28,272	25,299	4,020,384	4,020,382	10,718,848	2	(6,698,464)				
					Cash Flows From Financing Activities														
-	-	-	-	-	Capital Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	Proceeds New Borrowing	-	-	-	-	-	5,119,500	5,119,500	-	-	5,119,500	-	-	5,119,500	
(4,455)	(4,732)	(11,006)	277	6,551	Interest Payments	(4,455)	(4,732)	(11,006)	277	6,551	(1,508,784)	(1,508,789)	(1,475,406)	5	(33,378)				
(30,563)	(30,731)	(29,915)	168	(648)	Principal Payments	(30,563)	(30,731)	(29,915)	168	(648)	(1,832,772)	(1,832,775)	(1,725,137)	3	(107,635)				
(35,018)	(35,463)	(40,920)	445	5,902	Net Cash Provided by (Used In) Financing Activities	(35,018)	(35,463)	(40,920)	445	5,902	1,777,944	1,777,936	(3,200,543)	8	4,978,487				
					Cash Flows from Capital and Related Activities														
(5,903)	-	-	(5,903)	(5,903)	Non-Operating Income (Expenses)	(5,903)	-	-	(5,903)	(5,903)	-	-	-	-	-	-	-	-	-
(47,854)	(49,217)	(77,705)	1,363	29,851	Capital Expenditures, net	(47,854)	(49,217)	(77,705)	1,363	29,851	(8,006,604)	(8,006,600)	(8,687,268)	(4)	680,664				
(53,757)	(49,217)	(77,705)	(4,540)	23,948	Net Cash Provided By (Used In) Capital and Related Activities	(53,757)	(49,217)	(77,705)	(4,540)	23,948	(8,006,604)	(8,006,600)	(8,687,268)	(4)	680,664				
					Cash Flows From Investing Activities														
498,000	498,000	695,000	-	(197,000)	Investments Converting To Cash	498,000	498,000	695,000	-	(197,000)	498,000	-	5,849,670	498,000	(5,351,670)				
-	-	-	-	-	Purchased Investments	-	-	-	-	-	(498,000)	-	(2,389,820)	(498,000)	1,891,820				
12,556	13,333	12,344	(777)	212	Interest Income	12,556	13,333	12,344	(777)	212	159,996	160,000	179,230	(4)	(19,234)				
510,556	511,333	707,344	(777)	(196,788)	Net Cash Provided By (Used In) Investing Activities	510,556	511,333	707,344	(777)	(196,788)	159,996	160,000	3,639,080	(4)	(3,479,084)				
241,842	218,442	383,481	23,400	(141,639)	FUND NET CASH FLOWS	241,842	218,442	383,481	23,400	(141,639)	(2,048,280)	(2,048,282)	2,470,117	2	(4,518,397)				
					DEBT SERVICE RATIO														
472,346	455,122	446,904	17,224	25,442	Total Cash Available For Debt Service	472,346	455,122	446,904	17,224	25,442	4,180,380	4,180,382	5,097,841	(2)	(917,461)				
278,463	278,463	266,712	-	11,751	Debt Service	278,463	278,463	266,712	-	11,751	3,341,556	3,341,564	3,200,543	(8)	141,013				
1.70	1.63	1.68	0.06	0.02	DSCR	1.70	1.63	1.68	0.06	0.02	1.25	1.25	1.59	0.00	(0.34)				

LEHIGH COUNTY AUTHORITY
FINANCIAL STATEMENTS - SUBURBAN WATER
JANUARY 2020

FORECAST VARIANCES - MONTH				
INCOME STATEMENT	Actual	Forecast	Variance	Comments
Operating Revenues				
User Charges	872,753	865,568	7,185	Higher residential revenues
Connection & System Charges	15,251	26,708	(11,457)	Lower tapping fees
Total Operating Revenues	888,004	892,276	(4,272)	Lower connection and system fees
Operating Expenses				
Salaries and Wages	159,691	160,519	828	
General and Administrative	36,345	39,486	3,141	
Utilities	30,883	31,712	829	
Materials and Supplies	10,783	21,392	10,609	Lower spending on equipment & supplies
Miscellaneous Services	184,341	197,095	12,754	Lower contract operator costs and lower maintenance spending
Treatment & Transportation	-	-	-	
Depreciation and Amortization	220,000	220,167	167	
Other Expenses	268	283	15	
Total Operating Expenses	642,311	670,654	28,343	Lower materials and supplies along with lower spending on services
Net Operating Income	245,693	221,622	24,071	Lower operating expenses
Non-Operating Income (Expenses)				
Interest Income	12,556	13,333	(777)	
Interest (Expense)	(127,804)	(125,732)	(2,072)	
Other Miscellaneous Income (Expenses)	(5,903)	-	(5,903)	Higher finance fees
Capital Contributions	-	-	-	
Total Non-Operating Income (Expenses)	(121,151)	(112,399)	(8,752)	
NET INCOME	124,542	109,223	15,319	Higher income from operations
FORECAST VARIANCES - MONTH				
CASH FLOW STATEMENT	Actual	Forecast	Variance	Comments
Cash Flows From Operating Activities				
Operating Revenues	888,004	892,276	(4,272)	
Operating Expenses (ex D&A)	(422,311)	(450,487)	28,176	
Non-Cash Working Capital Changes	(645,632)	(650,000)	4,368	
Net Cash Provided by (Used in) Operating Activities	(179,939)	(208,211)	28,272	Lower operating expenses
Cash Flows From Financing Activities				
Capital Contributions	-	-	-	
Proceeds New Borrowing	-	-	-	
Interest Payments	(4,455)	(4,732)	277	
Principal Payments	(30,563)	(30,731)	168	
Net Cash Provided by (Used in) Financing Activities	(35,018)	(35,463)	445	
Cash Flows from Capital and Related Activities				
Capital Expenditures, Net	(47,854)	(49,217)	1,363	
Non-Operating Income (Expenses)	(5,903)	-	(5,903)	
Net Cash Provided By (Used In) Capital and Related Activities	(47,854)	(49,217)	1,363	
Cash Flows From Investing Activities				
Investments Converting To Cash	498,000	498,000	-	
Purchased Investments	-	-	-	
Interest Income	12,556	13,333	(777)	
Net Cash Provided By (Used In) Investing Activities	510,556	511,333	(777)	
FUND NET CASH FLOWS	247,745	218,442	29,303	Higher cash generated by operations

LEHIGH COUNTY AUTHORITY
 FINANCIAL STATEMENTS - SUBURBAN WASTEWATER
 JANUARY 2020

MONTH					JANUARY 2020					YEAR-TO-DATE					FULL YEAR				
Actual	Forecast	Prior Yr	FC Var	PY Var	INCOME STATEMENT					Actual	Forecast	Prior Yr	FC Var	PY Var	Forecast	Budget	Prior Yr	Bud Var	PY Var
Operating Revenues																			
1,232,767	1,220,513	1,254,771	12,254	(22,004)	User Charges	1,232,767	1,220,513	1,254,771	12,254	(22,004)	16,446,156	16,446,154	14,566,551	2	1,879,605				
59,528	60,524	28,172	(996)	31,356	Connection & System Fees	59,528	60,524	28,172	(996)	31,356	846,288	846,282	2,778,171	6	(1,931,883)				
1,292,295	1,281,037	1,282,943	11,258	9,352	Total Operating Revenues	1,292,295	1,281,037	1,282,943	11,258	9,352	17,292,444	17,292,436	17,344,722	8	(52,278)				
Operating Expenses																			
71,361	62,712	52,000	(8,649)	(19,361)	Personnel Costs	71,361	62,712	52,000	(8,649)	(19,361)	992,544	992,555	804,472	11	(188,072)				
25,857	27,724	48,822	1,867	22,965	General and Administrative	25,857	27,724	48,822	1,867	22,965	452,688	452,684	396,588	(4)	(56,100)				
23,360	23,694	23,746	334	386	Utilities	23,360	23,694	23,746	334	386	464,328	464,325	438,942	(3)	(25,386)				
13,934	15,846	5,535	1,912	(8,399)	Materials and Supplies	13,934	15,846	5,535	1,912	(8,399)	430,152	430,139	333,610	(13)	(96,542)				
674,509	700,517	776,103	26,008	101,594	Miscellaneous Services	674,509	700,517	776,103	26,008	101,594	10,015,956	10,015,943	9,824,619	(13)	(191,337)				
-	-	-	-	-	Treatment & Transportation	-	-	-	-	-	-	-	-	-	-	-	-	-	-
383,460	383,583	383,527	123	67	Depreciation and Amortization	383,460	383,583	383,527	123	67	4,602,996	4,603,000	4,602,324	4	(672)				
1,802	3,333	1,872	1,531	70	Other Expenses	1,802	3,333	1,872	1,531	70	999,996	1,000,000	1,982,852	4	982,856				
1,194,283	1,217,409	1,291,605	23,126	97,322	Total Operating Expenses	1,194,283	1,217,409	1,291,605	23,126	97,322	17,958,660	17,958,646	18,383,407	(14)	424,747				
98,012	63,628	(8,662)	34,384	106,674	Net Operating Income	98,012	63,628	(8,662)	34,384	106,674	(666,216)	(666,210)	(1,038,685)	(6)	372,469				
Non-Operating Income (Expense)																			
22,701	16,667	25,087	6,034	(2,386)	Interest Income	22,701	16,667	25,087	6,034	(2,386)	200,004	200,000	284,246	4	(84,242)				
(17,302)	(16,924)	(14,178)	(378)	(3,124)	Interest Expense	(17,302)	(16,924)	(14,178)	(378)	(3,124)	(803,088)	(803,082)	(213,115)	(6)	(589,973)				
(944)	-	-	(944)	(944)	Other Miscellaneous Income (Expenses)	(944)	-	-	(944)	(944)	-	-	-	-	-	-	-	-	-
4,455	(257)	10,909	4,712	(6,454)	Net Non-Operating Income (Expense)	4,455	(257)	10,909	4,712	(6,454)	(603,084)	(603,082)	71,131	(2)	(674,215)				
102,467	63,371	2,247	39,096	100,220	Net Income Before Capital Contributions	102,467	63,371	2,247	39,096	100,220	(1,269,300)	(1,269,292)	(967,554)	(8)	(301,746)				
-	-	-	-	-	Capital Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	-
102,467	63,371	2,247	39,096	100,220	NET INCOME	102,467	63,371	2,247	39,096	100,220	(1,269,300)	(1,269,292)	(967,554)	(8)	(301,746)				
CASH FLOW STATEMENT																			
Cash Flows From Operating Activities																			
1,292,295	1,281,037	1,282,943	11,258	9,352	Operating Revenues	1,292,295	1,281,037	1,282,943	11,258	9,352	17,292,444	17,292,436	17,344,722	8	(52,278)				
(810,823)	(833,826)	(908,078)	23,003	97,255	Operating Expenses (ex D&A)	(810,823)	(833,826)	(908,078)	23,003	97,255	(13,355,664)	(13,355,646)	(13,781,083)	(18)	425,419				
(784,102)	(800,000)	(2,547,511)	15,898	1,763,409	Non-Cash Working Capital Changes	(784,102)	(800,000)	(2,547,511)	15,898	1,763,409	-	-	5,176,837	-	(5,176,837)				
(302,630)	(352,789)	(2,172,646)	50,159	1,870,016	Net Cash Provided by (Used In) Operating Activities	(302,630)	(352,789)	(2,172,646)	50,159	1,870,016	3,936,780	3,936,790	8,740,476	(10)	(4,803,696)				
Cash Flows From Financing Activities																			
-	-	-	-	-	Capital Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	Proceeds New Borrowing	-	-	-	-	-	22,635,000	22,635,000	-	-	22,635,000	-	-	22,635,000	
(14,322)	(66,924)	(14,766)	52,602	444	Interest Payments	(14,322)	(66,924)	(14,766)	52,602	444	(803,088)	(803,082)	(178,219)	(6)	(624,869)				
(48,608)	(67,779)	(40,871)	19,171	(7,737)	Principal Payments	(48,608)	(67,779)	(40,871)	19,171	(7,737)	(813,348)	(813,353)	(499,110)	5	(314,238)				
(62,930)	(134,703)	(55,637)	71,773	(7,293)	Net Cash Provided by (Used In) Financing Activities	(62,930)	(134,703)	(55,637)	71,773	(7,293)	21,018,564	21,018,565	(677,329)	(1)	21,695,893				
Cash Flows from Capital and Related Activities																			
(944)	-	-	(944)	(944)	Non-Operating Income (Expenses)	(944)	-	-	(944)	(944)	-	-	-	-	-	-	-	-	-
(107,829)	(139,208)	(70,273)	31,379	(37,556)	Capital Expenditures, net	(107,829)	(139,208)	(70,273)	31,379	(37,556)	(7,670,496)	(7,670,500)	(8,646,149)	4	975,653				
(108,773)	(139,208)	(70,273)	30,435	(38,500)	Net Cash Provided By (Used In) Capital and Related Activities	(108,773)	(139,208)	(70,273)	30,435	(38,500)	(7,670,496)	(7,670,500)	(8,646,149)	4	975,653				
Cash Flows From Investing Activities																			
-	-	1,754,618	-	(1,754,618)	Investments Converting To Cash	-	-	1,754,618	-	(1,754,618)	-	-	5,481,724	-	(5,481,724)				
(236,056)	(236,056)	-	-	(236,056)	Purchased Investments	(236,056)	(236,056)	-	-	(236,056)	-	-	(6,783,296)	-	6,783,296				
22,701	16,667	25,087	6,034	(2,386)	Interest Income	22,701	16,667	25,087	6,034	(2,386)	200,004	200,000	284,246	4	(84,242)				
(213,355)	(219,389)	1,779,705	6,034	(1,993,060)	Net Cash Provided By (Used In) Investing Activities	(213,355)	(219,389)	1,779,705	6,034	(1,993,060)	200,004	200,000	(1,017,326)	4	1,217,330				
(687,688)	(846,089)	(518,851)	158,401	(168,837)	FUND NET CASH FLOWS	(687,688)	(846,089)	(518,851)	158,401	(168,837)	17,484,852	17,484,855	(1,600,328)	(3)	19,085,180				
DEBT SERVICE RATIO																			
503,229	463,878	399,952	39,351	103,277	Total Cash Available For Debt Service	503,229	463,878	399,952	39,351	103,277	4,136,784	4,136,790	3,847,885	(6)	288,899				
134,703	134,703	56,444	-	78,259	Debt Service	134,703	134,703	56,444	-	78,259	1,616,436	1,616,435	677,329	1	939,107				
3.74	3.44	7.09	0.29	(3.35)	DSCR	3.74	3.44	7.09	0.29	(3.35)	2.56	2.56	5.68	(0.00)	(3.12)				

LEHIGH COUNTY AUTHORITY
FINANCIAL STATEMENTS - SUBURBAN WASTEWATER
JANUARY 2020

FORECAST VARIANCES - MONTH				
INCOME STATEMENT	Actual	Forecast	Variance	Comments
Operating Revenues				
User Charges	1,232,767	1,220,513	12,254	Slightly higher residential & commercial revenues offset partly by slightly lower municipal revenues
Connection & System Charges	59,528	60,524	(996)	
Total Operating Revenues	1,292,295	1,281,037	11,258	Higher user charges
Operating Expenses				
Salaries and Wages	71,361	62,712	(8,649)	
General and Administrative	25,857	27,724	1,867	
Utilities	23,360	23,694	334	
Materials and Supplies	13,934	15,846	1,912	
Miscellaneous Services	674,509	700,517	26,008	Lower spending on engineering and maintenance services
Treatment & Transportation	-	-	-	
Depreciation and Amortization	383,460	383,583	123	
Other Expenses	1,802	3,333	1,531	
Total Operating Expenses	1,194,283	1,217,409	23,126	
Net Operating Income	98,012	63,628	34,384	Lower spending on miscellaneous services
Non-Operating Income (Expenses)				
Interest Income	22,701	16,667	6,034	
Interest (Expense)	(17,302)	(16,924)	(378)	
Other Miscellaneous Income (Expenses)	(944)	-	(944)	
Capital Contributions	-	-	-	
Total Non-Operating Income (Expenses)	4,455	(257)	4,712	Higher interest income
NET INCOME	102,467	63,371	39,096	Higher operating revenues, lower operating expenses, and higher interest income
FORECAST VARIANCES - MONTH				
CASH FLOW STATEMENT	Actual	Forecast	Variance	Comments
Cash Flows From Operating Activities				
Operating Revenues	1,292,295	1,281,037	11,258	
Operating Expenses (ex D&A)	(810,823)	(833,826)	23,003	
Non-Cash Working Capital Changes	(784,102)	(800,000)	15,898	
Net Cash Provided by (Used in) Operating Activities	(302,630)	(352,789)	50,159	Higher operating income and more favorable working capital movements
Cash Flows From Financing Activities				
Capital Contributions	-	-	-	
Proceeds New Borrowing	-	-	-	
Interest Payments	(14,322)	(66,924)	52,602	
Principal Payments	(48,608)	(67,779)	19,171	
Net Cash Provided by (Used in) Financing Activities	(62,930)	(134,703)	71,773	Missed on timing of forecasted debt service payments
Cash Flows from Capital and Related Activities				
Capital Expenditures, Net	(107,829)	(139,208)	31,379	
Non-Operating Income (Expenses)	(944)	-	(944)	
Net Cash Provided By (Used In) Capital and Related Activities	(107,829)	(139,208)	31,379	Favorable timing
Cash Flows From Investing Activities				
Investments Converting To Cash	-	-	-	
Purchased Investments	(236,056)	(236,056)	-	
Interest Income	22,701	16,667	6,034	
Net Cash Provided By (Used In) Investing Activities	(213,355)	(219,389)	6,034	
FUND NET CASH FLOWS	(686,744)	(846,089)	159,345	Higher cash from operations, lower debt service payments, and lower capex

LEHIGH COUNTY AUTHORITY
FINANCIAL STATEMENTS - CITY DIVISION
JANUARY 2020

MONTH					JANUARY 2020					YEAR-TO-DATE					FULL YEAR						
Actual	Forecast	Prior Yr	FC Var	PY Var	INCOME STATEMENT					Actual	Forecast	Prior Yr	FC Var	PY Var	Forecast	Budget	Prior Yr	Bud Var	PY Var		
Operating Revenues																					
3,097,649	3,099,323	2,866,008	(1,674)	231,641	Operating Revenues	3,097,649	3,099,323	2,866,008	(1,674)	231,641	38,712,480	38,712,488	38,630,691	(8)	81,789	User Charges	3,097,649	3,099,323	2,866,008	(1,674)	231,641
1,285	9,025	6,273	(7,740)	(4,988)	Connection & System Fees	1,285	9,025	6,273	(7,740)	(4,988)	2,959,800	2,959,800	1,101,025	-	1,858,775	Connection & System Fees	1,285	9,025	6,273	(7,740)	(4,988)
3,098,934	3,108,348	2,872,281	(9,414)	226,653	Total Operating Revenues	3,098,934	3,108,348	2,872,281	(9,414)	226,653	41,672,280	41,672,288	39,731,716	(8)	1,940,564	Total Operating Revenues	3,098,934	3,108,348	2,872,281	(9,414)	226,653
Operating Expenses																					
569,896	536,933	629,198	(32,963)	59,302	Personnel Costs	569,896	536,933	629,198	(32,963)	59,302	7,883,196	7,883,195	8,050,023	(1)	166,827	Personnel Costs	569,896	536,933	629,198	(32,963)	59,302
351,412	353,723	372,878	2,311	21,466	General and Administrative	351,412	353,723	372,878	2,311	21,466	4,604,676	4,604,681	4,481,586	5	(123,090)	General and Administrative	351,412	353,723	372,878	2,311	21,466
170,060	178,422	183,623	8,362	13,563	Utilities	170,060	178,422	183,623	8,362	13,563	2,141,064	2,141,069	2,241,593	5	100,529	Utilities	170,060	178,422	183,623	8,362	13,563
50,322	78,720	37,122	28,398	(13,200)	Materials and Supplies	50,322	78,720	37,122	28,398	(13,200)	1,688,640	1,688,624	1,240,260	(16)	(448,380)	Materials and Supplies	50,322	78,720	37,122	28,398	(13,200)
30,009	54,195	34,707	24,186	4,698	Miscellaneous Services	30,009	54,195	34,707	24,186	4,698	2,342,340	2,342,341	1,834,666	1	(507,674)	Miscellaneous Services	30,009	54,195	34,707	24,186	4,698
-	-	-	-	-	Treatment & Transportation	-	-	-	-	-	-	-	-	-	-	Treatment & Transportation	-	-	-	-	-
490,000	490,000	490,000	-	-	Depreciation and Amortization	490,000	490,000	490,000	-	-	5,880,000	5,880,000	5,880,000	-	-	Depreciation and Amortization	490,000	490,000	490,000	-	-
19,754	20,910	17,139	1,156	(2,615)	Other Expenses	19,754	20,910	17,139	1,156	(2,615)	2,782,920	2,782,916	812,088	(4)	(1,970,832)	Other Expenses	19,754	20,910	17,139	1,156	(2,615)
1,681,453	1,712,903	1,764,667	31,450	83,214	Total Operating Expenses	1,681,453	1,712,903	1,764,667	31,450	83,214	27,322,836	27,322,826	24,540,216	(10)	(2,782,620)	Total Operating Expenses	1,681,453	1,712,903	1,764,667	31,450	83,214
1,417,481	1,395,445	1,107,615	22,036	309,866	Net Operating Income	1,417,481	1,395,445	1,107,615	22,036	309,866	14,349,444	14,349,462	15,191,500	(18)	(842,056)	Net Operating Income	1,417,481	1,395,445	1,107,615	22,036	309,866
Non-Operating Income (Expense)																					
62,511	65,000	-	(2,489)	62,511	Interest Income	62,511	65,000	-	(2,489)	62,511	900,000	900,000	1,193,573	-	(293,573)	Interest Income	62,511	65,000	-	(2,489)	62,511
(1,453,283)	(1,454,002)	(1,560,584)	719	107,301	Interest Expense	(1,453,283)	(1,454,002)	(1,560,584)	719	107,301	(19,356,024)	(19,356,023)	(18,487,424)	(1)	(868,600)	Interest Expense	(1,453,283)	(1,454,002)	(1,560,584)	719	107,301
(7,315)	-	-	(7,315)	(7,315)	Other Miscellaneous Income (Expenses)	(7,315)	-	-	(7,315)	(7,315)	-	-	-	-	-	Other Miscellaneous Income (Expenses)	(7,315)	-	-	(7,315)	(7,315)
(1,398,087)	(1,389,002)	(1,560,584)	(9,085)	162,497	Net Non-Operating Income (Expense)	(1,398,087)	(1,389,002)	(1,560,584)	(9,085)	162,497	(18,456,024)	(18,456,023)	(17,293,851)	(1)	(1,162,173)	Net Non-Operating Income (Expense)	(1,398,087)	(1,389,002)	(1,560,584)	(9,085)	162,497
19,394	6,443	(452,969)	12,951	472,363	Net Income Before Capital Contributions	19,394	6,443	(452,969)	12,951	472,363	(4,106,580)	(4,106,561)	(2,102,351)	(19)	(2,004,229)	Net Income Before Capital Contributions	19,394	6,443	(452,969)	12,951	472,363
-	-	-	-	-	Capital Contributions	-	-	-	-	-	-	-	-	-	-	Capital Contributions	-	-	-	-	-
19,394	6,443	(452,969)	12,951	472,363	NET INCOME	19,394	6,443	(452,969)	12,951	472,363	(4,106,580)	(4,106,561)	(2,102,351)	(19)	(2,004,229)	NET INCOME	19,394	6,443	(452,969)	12,951	472,363
CASH FLOW STATEMENT																					
MONTH					JANUARY 2020					YEAR-TO-DATE					FULL YEAR						
Actual	Forecast	Prior Yr	FC Var	PY Var	Actual	Forecast	Prior Yr	FC Var	PY Var	Forecast	Budget	Prior Yr	Bud Var	PY Var							
Cash Flows From Operating Activities																					
3,098,934	3,108,348	2,872,281	(9,414)	226,653	Operating Revenues	3,098,934	3,108,348	2,872,281	(9,414)	226,653	41,672,280	41,672,288	39,731,716	(8)	1,940,564	Operating Revenues	3,098,934	3,108,348	2,872,281	(9,414)	226,653
(1,191,453)	(1,222,903)	(1,274,667)	31,450	83,214	Operating Expenses (ex D&A)	(1,191,453)	(1,222,903)	(1,274,667)	31,450	83,214	(21,442,836)	(21,442,826)	(18,660,216)	(10)	(2,782,620)	Operating Expenses (ex D&A)	(1,191,453)	(1,222,903)	(1,274,667)	31,450	83,214
(1,447,210)	(1,500,000)	(1,184,531)	52,790	(262,679)	Non-Cash Working Capital Changes	(1,447,210)	(1,500,000)	(1,184,531)	52,790	(262,679)	-	-	(4,585)	-	4,585	Non-Cash Working Capital Changes	(1,447,210)	(1,500,000)	(1,184,531)	52,790	(262,679)
460,271	385,445	413,084	74,826	47,187	Net Cash Provided by (Used In) Operating Activities	460,271	385,445	413,084	74,826	47,187	20,229,444	20,229,462	21,066,915	(18)	(837,471)	Net Cash Provided by (Used In) Operating Activities	460,271	385,445	413,084	74,826	47,187
Cash Flows From Financing Activities																					
-	-	-	-	-	Capital Contributions	-	-	-	-	-	-	-	-	-	-	Capital Contributions	-	-	-	-	-
-	-	-	-	-	Proceeds New Borrowing	-	-	-	-	-	-	-	-	-	-	Proceeds New Borrowing	-	-	-	-	-
-	-	(5,348)	-	5,348	Interest Payments	-	-	(5,348)	-	5,348	(13,978,236)	(13,978,238)	(13,426,458)	2	(551,778)	Interest Payments	-	-	(5,348)	-	5,348
-	-	-	-	-	Principal Payments	-	-	-	-	-	(1,442,928)	(1,442,932)	(1,245,000)	4	(197,928)	Principal Payments	-	-	-	-	-
-	-	(5,348)	-	5,348	Net Cash Provided by (Used In) Financing Activities	-	-	(5,348)	-	5,348	(15,421,164)	(15,421,170)	(14,671,458)	6	(749,706)	Net Cash Provided by (Used In) Financing Activities	-	-	(5,348)	-	5,348
Cash Flows from Capital and Related Activities																					
(7,315)	-	-	(7,315)	(7,315)	Non-Operating Income (Expenses)	(7,315)	-	-	(7,315)	(7,315)	(533,258)	(533,258)	(524,861)	-	(8,397)	Non-Operating Income (Expenses)	(7,315)	-	-	(7,315)	(7,315)
(37,015)	(39,340)	(62,803)	2,325	25,788	Capital Expenditures, net	(37,015)	(39,340)	(62,803)	2,325	25,788	(2,032,080)	(2,032,084)	(3,591,927)	4	1,559,847	Capital Expenditures, net	(37,015)	(39,340)	(62,803)	2,325	25,788
(44,330)	(39,340)	(62,803)	(4,990)	18,473	Net Cash Provided By (Used In) Capital and Related Activities	(44,330)	(39,340)	(62,803)	(4,990)	18,473	(2,565,338)	(2,565,342)	(4,116,788)	4	1,551,450	Net Cash Provided By (Used In) Capital and Related Activities	(44,330)	(39,340)	(62,803)	(4,990)	18,473
Cash Flows From Investing Activities																					
-	-	-	-	-	Investments Converting To Cash	-	-	-	-	-	-	-	3,940,640	-	(3,940,640)	Investments Converting To Cash	-	-	-	-	-
-	-	-	-	-	Purchased Investments	-	-	-	-	-	-	-	-	-	-	Purchased Investments	-	-	-	-	-
62,511	65,000	-	(2,489)	62,511	Interest Income	62,511	65,000	-	(2,489)	62,511	900,000	900,000	1,193,573	-	(293,573)	Interest Income	62,511	65,000	-	(2,489)	62,511
62,511	65,000	-	(2,489)	62,511	Net Cash Provided By (Used In) Investing Activities	62,511	65,000	-	(2,489)	62,511	900,000	900,000	5,134,213	-	(4,234,213)	Net Cash Provided By (Used In) Investing Activities	62,511	65,000	-	(2,489)	62,511
478,452	411,105	344,932	67,347	133,520	FUND NET CASH FLOWS	478,452	411,105	344,932	67,347	133,520	3,142,942	3,142,950	7,412,882	(8)	(4,269,940)	FUND NET CASH FLOWS	478,452	411,105	344,932	67,347	133,520
DEBT SERVICE RATIO																					
1,918,239	1,906,007	1,553,877	12,232	364,362	Total Cash Available For Debt Service	1,918,239	1,906,007	1,553,877	12,232	364,362	20,596,186	20,596,204	21,740,212	(18)	(1,144,026)	Total Cash Available For Debt Service	1,918,239	1,906,007	1,553,877	12,232	364,362
1,285,097	1,285,097	1,222,621	-	62,476	Debt Service	1,285,097	1,285,097	1,222,621	-	62,476	15,421,164	15,421,170	14,671,458	(6)	749,706	Debt Service	1,285,097	1,285,097	1,222,621	-	62,476
1.49	1.48	1.27	0.01	0.22	DSCR	1.49	1.48	1.27	0.01	0.22	1.34	1.34	1.48	(0.00)	(0.15)	DSCR	1.49	1.48	1.27	0.01	0.22

LEHIGH COUNTY AUTHORITY
FINANCIAL STATEMENTS - CITY DIVISION
JANUARY 2020

FORECAST VARIANCES - MONTH				
INCOME STATEMENT	Actual	Forecast	Variance	Comments
Operating Revenues				
User Charges	3,097,649	3,099,323	(1,674)	
Connection & System Charges	1,285	9,025	(7,740)	
Total Operating Revenues	3,098,934	3,108,348	(9,414)	Lower tapping fees and lower project reimbursement
Operating Expenses				
Salaries and Wages	569,896	536,933	(32,963)	Higher overtime
General and Administrative	351,412	353,723	2,311	
Utilities	170,060	178,422	8,362	
Materials and Supplies	50,322	78,720	28,398	Lower distribution supplies
Miscellaneous Services	30,009	54,195	24,186	Lower contract operating services and lower fleet management services
Treatment & Transportation	-	-	-	
Depreciation and Amortization	490,000	490,000	-	
Other Expenses	19,754	20,910	1,156	
Total Operating Expenses	1,681,453	1,712,903	31,450	Lower spending on supplies and services
Net Operating Income	1,417,481	1,395,445	22,036	Lower operating expenses
Non-Operating Income (Expenses)				
Interest Income	62,511	65,000	(2,489)	
Interest (Expense)	(1,453,283)	(1,454,002)	719	
Other Miscellaneous Income (Expenses)	(7,315)	-	(7,315)	Higher financial related fees
Capital Contributions	-	-	-	
Total Non-Operating Income (Expenses)	(1,398,087)	(1,389,002)	(9,085)	
NET INCOME	19,394	6,443	12,951	Higher income from operating activities
FORECAST VARIANCES - MONTH				
CASH FLOW STATEMENT	Actual	Forecast	Variance	Comments
Cash Flows From Operating Activities				
Operating Revenues	3,098,934	3,108,348	(9,414)	
Operating Expenses (ex D&A)	(1,191,453)	(1,222,903)	31,450	
Non-Cash Working Capital Changes	(1,447,210)	(1,500,000)	52,790	
Net Cash Provided by (Used in) Operating Activities	460,271	385,445	74,826	Lower operating expenses and more favorable working capital movements
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				
Capital Expenditures, Net	(37,015)	(39,340)	2,325	
Non-Operating Income (Expenses)	(7,315)	-	(7,315)	
Net Cash Provided By (Used In) Capital and Related Activities	(37,015)	(39,340)	2,325	
Cash Flows From Investing Activities				
Investments Converting To Cash	-	-	-	
Purchased Investments	-	-	-	
Interest Income	62,511	65,000	(2,489)	
Net Cash Provided By (Used In) Investing Activities	62,511	65,000	(2,489)	
FUND NET CASH FLOWS	485,767	411,105	74,662	Higher cash generated by operations

LEHIGH COUNTY AUTHORITY
CASH & INVESTMENT ANALYSIS
YTD JANUARY 2020

US DOLLARS	Suburban Water	Suburban Wastewater	City Division	LCA Total
CURRENT YEAR ENDING BALANCES				
Cash				
Unrestricted Operating Cash	9,312,306	3,903,439	2,312,385	15,528,130
Unrestricted Project Cash	<u>2,038,759</u>	<u>2,551,195</u>	<u>170,549</u>	<u>4,760,503</u>
Total Unrestricted Cash	11,351,065	6,454,634	2,482,934	20,288,633
Restricted Cash	<u>1,496,873</u>	<u>337,963</u>	<u>57,532,962</u>	<u>59,367,798</u>
Total Cash	<u>12,847,938</u>	<u>6,792,597</u>	<u>60,015,896</u>	<u>79,656,431</u>
Investments				
Unrestricted Investments	2,638,930	7,993,332	-	10,632,262
Restricted Investments	<u>4,593,110</u>	<u>-</u>	<u>-</u>	<u>4,593,110</u>
Total Investments	<u>7,232,040</u>	<u>7,993,332</u>	<u>-</u>	<u>15,225,372</u>
Total Cash + Investments				
Unrestricted	<u>13,989,995</u>	<u>14,447,966</u>	<u>2,482,934</u>	<u>30,920,895</u>
Restricted	<u>6,089,983</u>	<u>337,963</u>	<u>57,532,962</u>	<u>63,960,908</u>
Total	<u>20,079,978</u>	<u>14,785,929</u>	<u>60,015,896</u>	<u>94,881,803</u>

CURRENT YEAR BEGINNING BALANCES				
Cash				
Unrestricted Operating Cash	9,073,260	4,470,362	3,691,201	17,234,823
Unrestricted Project Cash	<u>2,037,248</u>	<u>2,671,991</u>	<u>169,980</u>	<u>4,879,219</u>
Total Unrestricted Cash	11,110,508	7,142,353	3,861,181	22,114,042
Restricted Cash	<u>1,495,588</u>	<u>337,932</u>	<u>55,676,263</u>	<u>57,509,783</u>
Total Cash	<u>12,606,096</u>	<u>7,480,285</u>	<u>59,537,444</u>	<u>79,623,825</u>
Investments				
Unrestricted Investments	3,136,930	7,757,276	-	10,894,206
Restricted Investments	<u>4,593,110</u>	<u>-</u>	<u>-</u>	<u>4,593,110</u>
Total Investments	<u>7,730,040</u>	<u>7,757,276</u>	<u>-</u>	<u>15,487,316</u>
Total Cash + Investments				
Unrestricted	<u>14,247,438</u>	<u>14,899,629</u>	<u>3,861,181</u>	<u>33,008,248</u>
Restricted	<u>6,088,698</u>	<u>337,932</u>	<u>55,676,263</u>	<u>62,102,893</u>
Total	<u>20,336,136</u>	<u>15,237,561</u>	<u>59,537,444</u>	<u>95,111,141</u>

NET ACTIVITY - INCREASE (DECREASE)

Cash				
Unrestricted Operating Cash	239,046	(566,923)	(1,378,816)	(1,706,693)
Unrestricted Project Cash	<u>1,511</u>	<u>(120,796)</u>	<u>569</u>	<u>(118,716)</u>
Total Unrestricted Cash	240,557	(687,719)	(1,378,247)	(1,825,409)
Restricted Cash	<u>1,285</u>	<u>31</u>	<u>1,856,699</u>	<u>1,858,015</u>
Total Cash	<u>241,842</u>	<u>(687,688)</u>	<u>478,452</u>	<u>32,606</u>
Investments				
Unrestricted Investments	(498,000)	236,056	-	(261,944)
Restricted Investments	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total Investments	<u>(498,000)</u>	<u>236,056</u>	<u>-</u>	<u>(261,944)</u>
Total Cash + Investments				
Unrestricted	<u>(257,443)</u>	<u>(451,663)</u>	<u>(1,378,247)</u>	<u>(2,087,353)</u>
Restricted	<u>1,285</u>	<u>31</u>	<u>1,856,699</u>	<u>1,858,015</u>
Total	<u>(256,158)</u>	<u>(451,632)</u>	<u>478,452</u>	<u>(229,338)</u>

Days on Hand - Unrestricted Cash	564.60	176.40	42.26	175.75
Days on Hand - Unrestricted Cash + Investments	695.86	394.85	42.26	267.85

ALL IN DAYS ON HAND

FC OPERATING EXPENSE	7,338,144	13,355,664	21,442,836	42,136,644
FC CAPEX	<u>8,006,604</u>	<u>7,670,496</u>	<u>2,032,080</u>	<u>17,709,180</u>
TOTAL	<u>15,344,748</u>	<u>21,026,160</u>	<u>23,474,916</u>	<u>59,845,824</u>
Days on Hand - Unrestricted Cash + Investments	<u>338.90</u>	<u>258.65</u>	<u>60.04</u>	<u>201.32</u>

TRADITIONAL CALCULATION

FC OPERATING EXPENSE	7,338,144	13,355,664	21,442,836	42,136,644
OTHER OPEXP	<u>3,396</u>	<u>999,996</u>	<u>2,782,920</u>	<u>3,786,312</u>
BASE	<u>7,341,540</u>	<u>14,355,660</u>	<u>24,225,756</u>	<u>45,922,956</u>
CALCULATION	<u>708.34</u>	<u>378.83</u>	<u>58.17</u>	<u>262.35</u>

Lehigh County Authority

System Operations Review - February 2020

Presented: March 23, 2020

<u>Critical Activities</u>	<u>System</u>	<u>Description</u>	<u>Feb-20</u>	<u>2020 Totals</u>	<u>2019 Totals</u>	<u>Permit</u>
			<u>Daily Avg (MGD)</u>	<u>Daily Avg (MGD)</u>	<u>Daily Avg (MGD)</u>	<u>Daily Max (MGD)</u>
Water Production	Allentown	Total	20.30	20.71	21.51	39.0
		Schantz Spring	7.73	7.63	7.77	9.0
		Crystal Spring	3.92	3.92	3.88	4.0
		Little Lehigh Creek	8.53	9.10	9.85	30.0
		Lehigh River	0.11	0.06	0.01	28.0
	Central Lehigh	Total	9.39	9.20	9.75	19.04 MGD Avg
		Feed from Allentown	6.72	6.73	6.93	7.0 MGD Avg 10.5 MGD Max
		Well Production (CLD)	2.67	2.47	2.80	8.54 MGD Avg
		Sum of all (12) other Suburban Water Systems	0.15	0.15	0.17	1.71 Sum of all wells
Wastewater Treatment	Kline's Island	32.41	32.63	37.63	40.0	
	Pretreatment Plant	4.85	4.87	5.88	5.75 (design capacity)	
	Sum of all (5) other Suburban WW Systems	0.22	0.21	0.19	0.36	
			<u>Feb-20</u>	<u>2020 Totals</u>	<u>2019 Totals</u>	<u>2018 Totals</u>
Precipitation Totals (inches)			2.97	5.5	60.66	66.96
Compliance Reports Submitted to Allentown			17	46	278	285
Notices of Violation (NOVs)	(Allentown + Suburban)		0	0	1	1
Sanitary Sewer Overflows (SSOs)/Bypasses	(Allentown + Suburban)		1	2	37	78
Main Breaks Repaired	Allentown		1	2	20	33
	Suburban		1	3	12	23
Customer Service Phone Inquiries	(Allentown + Suburban)		1,520	3,532	22,992	26,440
Water Shutoffs for Non-Payment	(Allentown + Suburban)		121	271	1,956	1,838
Injury Accidents	(Allentown + Suburban)		1	3	10	14
Emergency Declarations	Allentown		(1)@ \$119,972	(1)@ \$119,972	(2)@ \$152,053	(5) @ \$76,469
	Suburban		0	\$0	(1) @ \$19,335	(1) @ \$21,197

Significant Repairs/Upgrades: COA Water Plant and D/C security systems received new cameras and recording equipment to replace the original 15 year old gear. LCA has been asked by police for recordings numerous times over the years.

Description of NOVs and/or SSOs: There were zero (0) NOVs for LCA during February, 2020. On 2/21/2020, Air Release Valve #3 on the Park Pump Station Force Main malfunctioned, producing an SSO at Lehigh Parkway and Hoe Streets in Allentown. The air valves are scheduled for annual maintenance, which last happened in 2018.

Other Highlights: On 3/2/2020, Jerry Charvala was hired as the new Suburban Operations Manager. Jerry brings with him 25 years of experience at South Whitehall Township. During his time there, he started as a Maintenance Specialist, and then moved progressively to an Electrician/Telemetry Technician, Utilities Group Leader, and finally Assistant Public Works Manager. LCA is very excited about this new hire because highly experienced water and sewer personnel are hard to come by. Jerry's background fits very well with some of the current needs that exist for Suburban Operations, namely electrical, telemetry, maintenance and SCADA.