LCA Main Office:

1053 Spruce Road Wescosville, PA 18106 610-398-2503

Agendas & Minutes Posted:

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BOARD MEETING AGENDA – May 24, 2021 – 12:00 p.m.

Notice of COVID-19 Pandemic Meeting Format: Effective March 23, 2020 and until further notice, meetings of the LCA Board of Directors will be held virtually using the Zoom Meetings application, to avoid risk of infection during the national COVID-19 pandemic emergency. Public participation is welcomed via Zoom, and instructions for joining the meeting online or by phone are posted on the LCA website in the morning on the day of the meeting, prior to the start of each meeting. You may also issue comment to LCA via email to LCABoard@lehighcountyauthority.org in advance of any meeting or view the meeting at a later time by visiting the LCA website. Please visit https://www.lehighcountyauthority.org/about/lca-board-meeting-videos/ for specific instructions to join the meeting.

- 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
 - May 10, 2021 Board meeting minutes
- 4. Public Comments
- 5. Action / Discussion Items:

FINANCE AND ADMINISTRATION

WATER

WASTEWATER

- Allentown Division Kline's Island WWTP: Solids Process Boiler and HVAC System Upgrade Project Design Phase Authorization (Approval) (purple) (digital Board packet, page 9-13)
- 6. Monthly Project Updates / Information Items (1st Board meeting per month)
- 7. Monthly Financial Review (2nd Board meeting per month) April report attached
- 8. Monthly System Operations Overview (2nd Board meeting per month) April report attached
- Staff Comments
- 10. Solicitor's Comments
- 11. Public Comments / Other Comments
- 12. Executive Sessions
- 13. Adjournment

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 May 10, 2021

The Regular Meeting of the Lehigh County Authority Board of Directors was called to order at 12:03 p.m. on Monday, May 10, 2021, Chairman Brian Nagle presiding. The meeting was held via video and audio advanced communication technology ("ACT"), using the Zoom internet application, including telephone option, due to the COVID-19 pandemic emergency. Each Board member and other attendees of the meeting were able to hear each other attendee and be heard by each other attendee. The public could also participate in the meeting via ACT, using the Zoom internet application, including telephone option. A Roll Call of Board members present was taken. Chairman Brian Nagle, Richard Bohner, Norma Cusick, Ted Lyons, Linda Rosenfeld, Jeff Morgan, and Amir Famili were present for the duration of the meeting.

Solicitor Michael Gaul of KingSpry was present along with Authority Staff, Liesel Gross, Ed Klein, John Parsons, Chris Moughan, Chuck Volk, Andrew Moore, Phil DePoe, Lisa Miller and Todd Marion.

Kevin Reid and Kent Herman from KingSpry were present along with Chris Gibbons from Concord Public Financial Advisors, Inc.

Chairman Nagle stated that the Board received their electronic copy of the Board packet in advance and asked if anyone did not receive their hard copy of the packet. No Board members indicated they had not received their packet by mail.

REVIEW OF AGENDA

Liesel Gross stated there are no changes to the agenda and there is one brief item for Staff Comments. There are no items for Executive Session.

APPROVAL OF MINUTES

April 26, 2021 Meeting Minutes

Richard Bohner noted some grammatical errors. On a motion by Richard Bohner, seconded by Linda Rosenfeld, the Board approved the minutes of the April 26, 2021 Board meeting as corrected (6-0). Norma Cusick abstained.

PUBLIC COMMENTS

None.

ACTION AND DISCUSSION ITEMS

<u>Suburban Water Bond Financing – Resolution No. 05-2021-1</u>

Ed Klein explained that the Authority is seeking approval of the Resolution for the purpose of interest rate savings by refinancing the Water Revenue bonds Series A of 2010, Series A of 2015 and the Pennworks Loan Series of 2007. The refinancing will generate a net present value savings and will relieve some of the Suburban Division rate pressure by lowering the annual debt service. Chris Gibbons from Concord Public Financial Advisors, Inc. noted that the proposed refinancing will not extend the maturity of the outstanding debt. Both a bank loan and a bond financing were researched and analyzed. A request for bids was issued for bank financings, with five bids received. Mr.

Gibbons explained the best bank bid received offered approximately \$250,000 less savings than the current bond market would provide. Therefore, a bond issue is the better financial alternative. The Authority is scheduled to conduct an internet bond sale on June 2nd, with expected settlement on June 30th. Kevin Reid commented that the required savings amount is net cost of issuance, which is true savings realized by the Authority, and can be utilized to ease rate pressure. Also, if the Resolution is approved, it will direct the stated officials of the Authority to take certain steps to complete the financing.

Ted Lyons asked for a description of the process of the internet sale of bonds. Chris Gibbons stated that the internet auction is set up to maximize the number of underwriters bidding on the bonds. A request for proposals is sent out to more than 100 underwriters across the country. The lowest bid on the interest rate secures the bond issue. The whole process takes approximately 15 to 20 minutes.

Amir Famili asked how confident Mr. Gibbons is on the savings that will be achieved. Mr. Gibbons said he is very confident, and the opportunity for savings is currently higher than what is listed in the Resolution.

On a motion by Linda Rosenfeld, seconded by Richard Bohner, the Board approved Resolution No. 05-2021-1 (7-0).

A roll call vote was taken with the following votes cast:

Brian Nagle – yes Richard Bohner – yes Norma Cusick – yes Ted Lyons – yes Linda Rosenfeld – yes Jeff Morgan – yes Amir Famili – yes

Real Estate Transaction: Reservoir 1/Lehigh Hills - Resolution No. 5-2021-2

Chuck Volk explained the proposed real estate land swap by Jaindl Land Company and the Authority in the area of the Authority's Reservoir 1 and the Lehigh Hills development. The land swap will allow for the Authority to potentially add a second reservoir on the site in the future if the need arises. Jaindl Land Company has agreed to provide landscape screening at the site of the second reservoir. A letter was received from Upper Macungie Township stating that the Authority's proposed second reservoir would be approved and meets the setback requirements. Kent Herman commented that the agreement and deeds were prepared by his office, noting that there are no out-of-pocket costs to the Authority, as Jaindl Land Company will bear any costs.

Amir Famili asked what the square footage of the land exchange will be and if an appraisal was done. Mr. Herman commented the Authority will receive 19,401 square feet and Jaindl Land Company will receive 15,755 square feet. No appraisal was done.

Jeff Morgan asked how many additional customers the Authority will gain. Liesel Gross stated that the Authority will gain approximately 200 additional customers due to the Lehigh Hills development.

Chairman Nagle asked what will prompt the Authority to install a second reservoir. Mr. Volk explained that if the Authority needs additional fire flow storage to serve the current or future customers in the area, a second tank would be necessary. The existing tank is currently adequate.

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On a motion by Linda Rosenfeld, seconded by Richard Bohner, the Board approved Resolution No. 05-2021-2 (7-0).

A roll call vote was taken with the following votes cast:

Brian Nagle – yes Richard Bohner – yes Norma Cusick – yes Ted Lyons – yes Linda Rosenfeld – yes Jeff Morgan – yes Amir Famili – yes

<u>Allentown Division – Water Filtration Plant: 2021 Indenture Upgrades – Construction Phase</u> Authorization

Chuck Volk explained that a report is prepared annually by Arcadis regarding the condition of the water and wastewater facilities in the Allentown Division as a condition of the Bond Indenture for the Lease Bonds. The report outlines the Authority's performance on the requirements of the Lease Agreement with Allentown, along with any maintenance requirements observed at the facilities. This particular project consists of addressing structural deficiencies at the Water Filtration Plant with work located at the intake structure, filter tanks, administration building, railing mounts, miscellaneous concrete walls and walkways around the facility. The work includes repairs to concrete cracks, spalling, crazing, delamination, and general deterioration.

Mr. Volk noted that the project bids came in over budget. However, the bid form is structured according to unit costs for various types of concrete repair work to be performed as directed. As a result, the Authority is not committed to spending the total base bid amount. The installed quantities will be tracked to stay within budget.

Amir Famili asked if the Quinn Construction will add a polymeric additive to prevent cracking and shrinking in the future. Mr. Volk said he is unsure of the specific additives to be used, but noted that the contractor is required to provide shop drawings which will include a listing of concrete additives prior to construction.

Chairman Nagle commented that the upgrades have been noted in the Arcadis report for several years, and there are other critical system projects that address actual water treatment processes that are a high priority to complete. He asked if this project is prioritized properly and whether the work addresses safety, aesthetic or structural issues versus critical treatment processes. Mr. Volk stated the project is to address structural issues that are part of the Authority's asset management plan and are necessary repairs to avoid further degradation of the various concrete structures. Mr. Nagle asked if there are other improvements to treatment processes that will be necessary when this project is complete. Mr. Volk stated there are numerous needs related to treatment processes already included in the capital plan. Jeff Morgan added that the scope of work may seem minor when compared to treatment process improvements, but it will be much more cost effective to make these repairs now instead of in the future, after further degradation has taken place.

On a motion by Jeff Morgan, seconded by Norma Cusick, the Board approved the Capital Project Authorization for the Construction Phase in the amount of \$398,075.00 which includes the Professional Services Authorization to D'Huy Engineering, Inc. in the amount of \$11,000.00 and the General Construction Contract award to Quinn Construction in the amount of \$372,575.00 (7-0).

<u>Suburban Division – Arcadia West Water Storage Tank Replacement – Construction Phase</u> Authorization

Chuck Volk described the project, which is located in Weisenberg Township, and serves 24 commercial/industrial customers and the Weisenberg Elementary School. The tank is a 280,300-gallon bolted steel tank that was built in 1999. An evaluation of the tank was performed by Suez in 2018 which noted corrosion of the tank on both the interior and exterior surfaces and provided recommendations for improvements necessary for regulatory compliance and also recommended a new coating system. The inspection also noted two leaks under the tank floor. In 2019, the Authority contracted with Entech Engineering to perform a condition assessment and feasibility study to evaluate options for the repair or replacement of the tank, while maintaining service and fire protection to customers.

Mr. Volk introduced the Authority's project engineer, Amy Kunkel, who explained that Entech designed the concrete tank which will be installed adjacent to the existing tank, so that customers can remain in service during the construction of the new tank. The existing tank will be dismantled and removed. The reason for only two bids is because the tank manufacturers opted to bid directly as the general contractor. The tank construction is the largest portion of the overall project. Ms. Kunkel is recommending awarding the bid to DN Tanks, LLC and Entech for the construction engineering and part-time inspection services.

Amir Famili asked how many steel tanks the Authority has that are over 20 years old. John Parsons stated that the Authority has approximately six steel tanks more than 20 years old, but they are all welded steel tanks, not bolted. Chuck Volk added that the welded steel tanks last longer than the bolted steel tanks, which are susceptible to damage due to the overtightening of the bolts. All of the Authority's other tanks are under a maintenance contract with Suez, but because the Arcadia West tank is a bolted steel tank it was not included in the maintenance contract.

Jeff Morgan stated that he will abstain from the vote on the project because his wife works for Entech, although she is not working on this project. Liesel Gross added that Mr. Morgan has provided documentation on this potential conflict of interest previously.

On a motion by Ted Lyons, seconded by Linda Rosenfeld, the Board approved the Capital Project Authorization for the Construction Phase in the amount of \$1,176,670.00 that includes the General Construction Contract to DN Tanks in the amount of \$1,027,670.00 and the Professional Services Authorization for Construction Phase Engineering and Inspection to Entech Engineering in the amount of \$69,000.00 (6-0). Jeff Morgan abstained due to potential conflict of interest.

<u>Suburban Water Division Emergency Declaration – Water Main Relocation</u>

John Parsons described the water main break that occurred at Meadowyck Townhouse development in the Central Lehigh Division. Due to the significant depth of the water main and close proximity to building structures, the water main needed to be relocated to a more suitable location. This work needed to be completed quickly to avoid any additional property damage. The water main relocation was complicated by the discovery of unmarked stormwater and electrical lines that needed to be worked around. The total cost for the emergency declaration is \$100,192.33.

Chairman Nagle stated his concern regarding the location and depth of the original water line and improper backfill material used and inquired about the original inspection of the installation. Liesel Gross said that installation records were not reviewed, although the Authority most likely acquired this system from the developer, as is the case with most of the systems in the Central Lehigh Division.

On a motion by Jeff Morgan, seconded by Amir Famili, the Board approved the Emergency Declaration for Meadowyck Townhouse development - Central Division in the amount of \$100,192.33 (7-0).

<u>Allentown Division – Kline's Island WWTP: 2021 Indenture Upgrades – Construction Phase</u> Authorization

Chuck Volk described the background of the project, stating that this project is also a result of the annual Arcadis report conducted as a condition of the Bond Indenture related to the Lease Bonds. This project will address those structural deficiencies at the Kline's Island Wastewater Treatment Plant including roof coping and flashing repairs, masonry repointing and injection grouting, door and window lintel replacement, concrete crack repair and resurfacing, and primary clarifier effluent pipe painting. Mr. Volk is recommending awarding the bid to Blooming Glen Contractors because of their significant experience in water and wastewater facility construction and previous work done with the Authority. AFN USA Inc. was the only bidder for the painting contract but also has significant experience in water and wastewater facilities and Authority projects.

On a motion by Norma Cusick, seconded by Richard Bohner, the Board approved the Capital Project Authorization for the Construction Phase in the amount of \$538,778.00 which includes the Professional Services Authorization to D'Huy Engineering Inc. in the amount of \$15,000.00, the award of Contract No. 1 for General Construction to Blooming Glen Contractors in the amount of \$386,923.00, and the award of Contract No. 2 for Paining to AFN USA, Inc. in the amount of \$71,855.00 (7-0).

MONTHLY PROJECT UPDATES / INFORMATION ITEMS

Liesel Gross noted that most of the highlighted items on the May report have been covered at today's meeting. The Solids Process Boiler and HVAC system upgrade project at Kline's Island Wastewater Treatment Plant is scheduled for review and approval at the May 24th meeting. Also, although not listed, either at the May 24 meeting or sometime in June, Staff will provide an update to the Act 537 plan and the Trexlertown conveyance project.

STAFF COMMENTS

Liesel Gross reported that restrictions related to the COVID-19 pandemic are being lifted throughout Pennsylvania on Memorial Day, except for the wearing of a mask. Authority staff are reviewing what this means for the organization and also how to conduct meetings after the restrictions are lifted. Ted Lyons commented that the Board should discuss how to make a decision about conducting inperson meetings. Ms. Gross noted that the on-line virtual meetings have been going well but there is also a benefit to meeting in-person. Chairman Nagle asked if there have been any changes to the air filtration system in the offices. Ms. Gross stated there has been some changes as to the amount of fresh air that is circulated into the building through the HVAC system, but there has been no ultraviolet system added to the air-handing system. Ted Lyons commented that there is limited information available as to whether ultraviolet systems are effective against the COVID-19 virus.

Linda Rosenfeld asked how many employees have been vaccinated. Ms. Gross replied that the Authority has asked employees to report if they have been vaccinated, but it is not mandatory to be vaccinated or report it. Solicitor Gaul stated that issues regarding employee privacy should not be discussed at a public meeting.

Jeff Morgan asked if Pennsylvania had made permanent changes to the Sunshine Act regarding virtual meetings for municipalities. Solicitor Gaul explained some of the requirements under the Sunshine Act and the Pennsylvania Municipality Authorities Act regarding the rules for virtual meetings. He also noted that while the restrictions may be lifted, Pennsylvania is still operating under a declared emergency, which offers flexibility in how meetings are conducted. Ms. Gross stated that the Authority will continue to monitor and evaluate the situation and will develop recommendations for the Board.

SOLICITOR'S COMMENTS

None.

PUBLIC COMMENTS / OTHER COMMENTS

None.

EXECUTIVE SESSION

ADJOURNMENT

There being no further business, the Chairman adjourned the meeting at 1:20 p.m.

 Richard Bohner
Secretary



1053 Spruce Road * **P.O. Box 3348** * **Allentown, PA 18106-0348** (610)398-2503 * FAX (610)398-8413 * Email: **service@lehighcountyauthority.org**

MEMORANDUM

Date: May 24, 2021

To: Lehigh County Authority Board of Directors

From: Charles Volk, P.E., Chief Capital Works Officer

Subject: Allentown Division – KIWWTP Solids Process Boiler and

HVAC System Upgrade Project – Design Phase

MOTIONS / APPROVALS REQUESTED:

No.	Item	Amount
1	<u>Capital Project Authorization – Design Phase:</u>	\$175,159
2	Professional Services Authorization:	
**	 Design Phase Engineering - GHD, Inc. 	\$147,659

^(**) Included in the Capital Project Authorization

PROJECT OVERVIEW:

The solids process boiler system is over 25 years old and provides critical heat to the anaerobic digesters, which is essential for the anaerobic breakdown and stabilization of sewage sludge, which then enables the dewatering of the sludge. The boilers and associated HVAC equipment also provide heat to the solids dewatering and processing buildings. The majority of the HVAC equipment is located in a corrosive environment, which accelerates the aging of the equipment.

PROJECT OBJECTIVE:

The purpose of this project is to replace the boilers and associated solids processing HVAC equipment, which have reached the end of their service lives. This project was identified in the KIWWTP Master Plan as a 0-5 year upgrade prioritization.

The existing digester boilers have been problematic since their installation in 1995 due to improperly selected burners that do not efficiently run on digester gas due to pressure issues. The new boilers will be dual fuel type and will be sized appropriately to be capable of heating two primary digesters, the dewatering building, and the digester control building.

The upgrade work will have a positive impact on operation and maintenance costs, as the new heating system will require minimum maintenance and eliminate system failure related staff time and call-outs. The life expectancy of the new equipment is projected to be minimum 20 years.

PROJECT STATUS:

In summer 2020, LCA authorized GHD to perform preliminary engineering work to develop a conceptual Basis of Design Report ("Report") for the replacement of the boilers and associated HVAC equipment. GHD was selected based on their prior experience with anaerobic digester rehabilitation projects at KIWWTP, and their knowledge of the solids processing system.

The GHD Report provides an overview of the existing primary digesters, presents solids process sludge characteristics, details existing heating equipment, quantifies biogas production, and identifies the system heating requirements. The engineer and LCA staff investigated various types of boilers with respect to performance requirements at KIWWTP. Based on the engineer's calculations of heating requirements, the Report recommends a type, size and number of boilers specific to this application and adequate to serve the plant's needs. The report also recommends associated solids processing HVAC upgrades that complete the basis of design. The Report was submitted to the City Office of Compliance in January 2021, and received conceptual design approval in March 2021.

FUNDING:

As the project has received conceptual design approval from the City, it is considered a Major Capital Improvement (MCI), and therefore costs will be recovered in Capital Cost Recovery Charges (CCRC).

THIS APPROVAL: DESIGN PHASE:

GHD, Inc. submitted a proposal to Capital Works dated April 29, 2021 which outlines design phase services. GHD completed several solids process improvement projects at KIWWTP, most recently the rehabilitation of Primary Digester No. 2. The consultant performed well and has acquired detailed knowledge related to the anaerobic digesters and solids processing systems at the facility. As such, we believe GHD is well qualified for this project and Capital Works recommends approval of GHD's design phase proposal.

PROFESSIONAL SERVICES:

Design and Bid Phase Services

GHD will provide design and bid phase services for the project. The design work and bid documents will be based on the following components:

- New boiler building addition on west side of No. 3 boiler, to provide a new at-grade boiler room, including slab/foundation, brick façade, insulation, pitched roof, rollup access door, and man-door.
- Extension of sprinkler system into building addition and insure code compliance for fire suppression
- Two new dual fuel boilers appropriately sized, including dual burner controller, chimney breeching and flues, to be installed in the new building addition
- New methane booster pumps and natural gas piping
- New hot water circulation pumps with expansion tank and associated piping
- New hot water air handling units (AHUs) and circulators in digester control building
- New hot water AHUs in existing boiler room

- New rooftop AHU for belt press room
- New water treatment system for boilers
- New unit heaters in belt press room
- New unit heaters in #3 boiler room, thickening odor control unit, polymer room, and dewatering garage; new hot water baseboard heater in dewatering hallway
- New PLC with SCADA integration of boiler controls and entire new heating system
- Demolition and removal of Nos. 1, 2 and 3 boilers and associated mechanical equipment; area restoration

SCHEDULE

Assuming approval of design phase at the May 24, 2021 Board meeting, the Capital Cost Recovery submission will be made to the City in October 2021, with design work completed by the end of 2021. The project is anticipated to be advertised for bid in early 2022.

	CAPITAL PROJECT AUTHORIZATION												
PROJECT No.:	AD-S-20	BUDGET FUND:	Allentown Div\WW\C	apital									
PROJECT TITLE:	Allentown Division – KIW Boiler & HVAC System Up		PROJECT TYPE:										
			☐ Construction☑ Engineering Design										
THIS AUTHORIZATION:	\$175,159	Equipment Purchase											
TO DATE (W/ ABOVE)	\$215,118		Amendment No.	1									
equipment, which KIWWTP Master phase services for GHD completed se detailed knowledge facility. AUTHORIZATION STATE Preliminary	s project is to replace the boile have reached the end of their selfan as a 0 – 5 year upgrade per the project, including DEP Was everal solids process improver the related to the anaerobic digestrus:	service lives. This pro- rioritization. GHD water Quality Managen ment projects at KIWV sters and solids proce	oject was identified in ill provide design and nent Permit administra WTP, and has acquired ssing systems at the	bid ation.									
Staff			\$15,000										
	ermits, etc.		\$2,500										
Contingen	Authorization		\$10,000 \$175,159										
Total IIII3	Addionzation		7173,133										
	Future Au	thorizations											
Construct	ion phase												
Total Estir	mated Project		\$2,000,000										
REVIEW AND APPROVALS	S:												
Project Manager	r Date	Chief Execu	utive Officer	Date									
Chief Capital Works (Officer Date	Chai	rman	Date									

 $H:\ \ Minutes\ \ \ 2021\ \ May\ \ 24\ meeting\ \ \ \ CPA_Boiler_design.docx$



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_____ Date: ____

PROFESSIONAL SERVICES AUTHORIZATION

Professional:	GHD INC.	Date:	May 24, 2021
	3655 East Swamp Road		Charles Volk
	Doylestown, PA 18902	Approvals	
	-	Department Head:	
		Chief Executive	
		Officer:	
Allentown Divisi	on – KIWWTP: Solids Process Boi	iler & HVAC System Up;	grade Project - Design
<u>Phase</u>			_
	perform the design and bid phase	related services outlined b	elow for the above
roject at the KIV	WTP.		
			
his Authorizati			
rotessional Serv	ices Authorization: \$147,659		
	Professional Se	rvicos	
1	Attend design phase kickoff meeting		
1.	including basis of design	g, issue meeting innutes	
2	Perform site investigations as require	-ed	
	Provide 60% and 90% design docum		
3.	design review meetings; incorporate		
1	Provide estimates of probable constr		nd l
4.	final design stages	20011011 0001 at 00/0, 70/0 a	
5	Prepare and submit DEP Part 2 Water	er Ouality Management	
	Permit; address DEP review comme	- •	
6.	Provide final design drawings and sp		
	bidding		
7.	Provide bid phase administration ser	rvices, including respondin	g
	to bidder questions, issuing addenda		_
	and recommendation of bid award		
<u></u>			
Not to 1-	ad without family and the control of	7.450	
inol to be exceed	led without further authorization: \$147	7,039	
Time Table and proposal.	l Completion Deadline: As required t	to meet various critical dea	dlines as set forth in the
	(For Authority	y Use Only)	
Authorization Co		. •	

Approval: _____ Actual Cost:

LEHIGH COUNTY AUTHORITY FINANCIAL STATEMENTS APRIL 2021

LEHIGH COUNTY AUTHORITY FINANCIAL STATEMENTS - SUMMARY For the Period Ended April 30, 2021

Income Statement Suburban Water Suburban Wastewater City Division Total LCA

Cash Flow Statement Suburban Water Suburban Wastewater City Division Total LCA

Debt Service Coverage Ratio Suburban Water Suburban Wastewater City Division

						Consolida	ted Financial St	atements							
		Month					Year To Date		FULL YEAR						
Actual	Q2 FC	Prior Year	FC Var	PY Var	Actual	Q2 FC	Prior Year	FC Var	PY Var	Q2 FC	Budget	Prior Year	Bud Var	PY Var	
307,923 596,082 175.678	308,200 596,000 176,100	268,555 275,956 (448,074)	(277) 82 (422)	39,368 320,126 623,752	304,396 1,369,681 1,086,722	305,000 1,369,800 1,087,000	414,923 3,267,176 (548,495)	(604) (119) (278)	(110,527) (1,897,495) 1,635,216	842,455 1,863,600 187,639	183,548 1,175,879 865,692	262,090 2,681,321 (1,104,731)	658,907 687,721 (678,053)	580,365 (817,721) 1,292,370	
1,079,684	1,080,300	96,438	(616)	983,246	2,760,799	2,761,800	3,133,605	(1,001)	(372,806)	2,893,694	2,225,119	1,838,681	668,575	1,055,014	
(77,015) 246,207 1,127,861 1,297,053	(76,900) 246,200 1,127,861 1,297,161	605,327 1,550,957 796,375 2,952,659	(115) 7 (0) (108)	(682,342) (1,304,750) 331,486 (1,655,606)	(133,672) 106,550 6,509,268 6,482,146	(133,600) 106,612 6,509,268 6,482,280	843,668 1,586,625 5,070,051 7,500,344	(72) (62) - (134)	(977,340) (1,480,075) 1,439,217 (1,018,198)	(2,877,731) 2,806,161 4,351,639 4,280,070	(3,490,153) 2,321,828 4,663,547 3,495,222	(3,945,823) 409,330 2,118,999 (1,417,494)	612,422 484,333 (311,908) 784,847	1,068,092 2,396,831 2,232,641 5,697,564	
2.15 16.36 1.52	2.15 16.36 1.52	1.93 11.48 1.52	(0.00) 0.00 (0.00)	0.22 4.88 (0.00)	1.36 12.19 1.59	1.36 12.19 1.59	1.41 20.67 1.84	(0.00) 0.00 (0.00)	(0.05) (8.48) (0.25)	1.37 9.15 1.57	1.20 8.17 1.62	1.21 12.49 1.59	0.17 0.97 (0.05)	0.16 (3.34) (0.02	

LEHIGH COUNTY AUTHORITY CONSOLIDATED FINANCIAL STATEMENTS For the Period Ended April 30, 2021

								Consolidated Fi	Financial Statements								
		Mon	ith			Year To	Date Date			Q2 FULL YEAR	R FORECAST			Full Year	Budget		
STATEMENTS OF ACTIVITIES Operating Revenues:	Sub W	Sub WW	City	LCA	Sub W	Sub WW	City	LCA	Sub W	Sub WW	City	LCA	Sub W	Sub WW	City	LCA	
User Charges	1,161,727	1,886,619	3,310,196	6,358,541	3,857,059	6,195,767	13,088,147	23,140,974	11,776,100	19,082,900	41,206,300	72,065,300	11,799,441	19,166,369	41,996,514	72,962,324	
Connection & System Charges	91,572	103,205	132,797	327,574	204,663	352,270	861,828	1,418,761	1,045,900	1,030,300	4,135,900	6,212,100	912,039	865,588	3,947,981	5,725,607	
Other Miscellaneous Revenues	5,215	15	8,600	13,830	12,110	1,745	20,000	33,855	35,200	1,700	61,000	97,900	30,944	628	59,249	90,821	
Total Operating Revenues	1,258,514	1,989,839	3,451,593	6,699,945	4,073,832	6,549,782	13,969,975	24,593,590	12,857,200	20,114,900	45,403,200	78,375,300	12,742,423	20,032,585	46,003,744	78,778,752	
Operating Expenses: Personnel	236,160	102,166	913,479	1,251,805	1.011.102	435,826	3,458,222	4,905,149	2.982.845	1,651,700	12,117,475	16,752,020	3,289,603	1,760,954	11,561,494	16,612,051	
Shared Services - General & Administrative	36,353	19,428	125,649	181,431	153,070	69,796	482,904	705,770	593,100	173,700	1,642,900	2,409,700	663,734	155,415	1,739,417	2,558,565	
Utilities	33,164	24,629	147,798	205,592	149,911	99,928	672,757	922,596	509,900	395,900	2,112,800	3,018,600	543,917	449,484	2,156,620	3,150,021	
Materials and Supplies	29,610	39,330	116,605	185,544	108,404	103,304	411,828	623,536	563,100	535,500	1,811,700	2,910,300	547,582	649,208	1,932,267	3,129,057	
Miscellaneous Services	299,830	545,941	88,483	934,254	1,074,624	1,914,601	327,969	3,317,193	3,418,600	6,050,800	1,652,000	11,121,400	3,518,076	6,209,376	1,813,371	11,540,823	
Treatment and Transportation	- 247 444	230,001	404.454	230,001	- 000 504	920,001	4.004.040	920,001	2 004 400	3,761,000	8,000	3,769,000	2 005 000	3,977,539	12,000	3,989,539	
Depreciation and Amortization Major Maintenance Expenses	217,141 242	384,727 35,555	491,154 10,672	1,093,022 46,469	868,564 2,335	1,538,908 47,865	1,964,616 36,428	4,372,088 86,627	2,604,400 2,300	4,635,800 869,900	5,892,800 436,500	13,133,000 1,308,700	2,605,699 3,400	4,616,783 1,000,000	5,893,862 542,924	13,116,343 1,546,324	
Other Miscellaneous	242	35,555	10,672	40,409	2,333	47,000	30,420	00,027	48.000	32,000	2,118,000	2,198,000	74,864	46,422	2,123,972	2,245,258	
Total Operating Expenses	852,500	1,381,777	1,893,841	4,128,118	3,368,010	5,130,228	7,354,722	15,852,960	10,722,245	18,106,300	27,792,175	56,620,720	11,246,874	18,865,181	27,775,926	57,887,982	
Net Operating Profit	406,014	608,062	1,557,752	2,571,828	705,823	1,419,554	6,615,253	8,740,629	2,134,955	2,008,600	17,611,025	21,754,580	1,495,549	1,167,404	18,227,817	20,890,770	
Non-Operating Income (Expense)				40.000				======							.=		
Interest Income Interest (Expense)	3,962 (100,573)	6,366	661 (1,382,735)	10,990 (1,499,025)	16,198 (410,519)	33,726 (62,262)	2,409 (5,530,940)	52,332 (6,003,720)	60,200 (1,345,600)	84,900 (187,800)	110,500 (17,533,886)	255,600 (19,067,286)	94,327	190,471	172,960	457,758	
Other Miscellaneous	(1.480)	(15,717) (2,629)	(1,362,735)	(4.109)	(7,105)	(21,337)	(5,530,940)	(28.442)	(7,100)	(42,100)	(17,533,666)	(49,200)	(1,406,328)	(181,995)	(17,535,086)	(19,123,409)	
Net Non-Operating Income (Expense)	(98,091)	(11,980)	(1,382,074)	(1,492,144)	(401,426)	(49,873)	(5,528,531)	(5,979,830)	(1,292,500)	(145,000)	(17,423,386)	(18,860,886)	(1,312,001)	8,475	(17,362,125)	(18,665,651)	
Net Income (Loss)	307,923	596,082	175,678	1,079,684	304,396	1,369,681	1,086,722	2,760,799	842,455	1,863,600	187,639	2,893,694	183,548	1,175,879	865,692	2,225,119	
CASH FLOW STATEMENT Cash Flows From Operating Activities																	
Operating Revenues	1.258.514	1.989.839	3.451.593	6.699.945	4.073.832	6.549.782	13.969.975	24.593.590	12.857.200	20.114.900	45,403,200	78.375.300	12.742.423	20.032.585	46.003.744	78,778,752	
Operating Expenses (ex D&A)	(635,359)	(997,050)	(1,402,687)	(3,035,096)	(2,499,446)	(3,591,320)	(5,390,106)	(11,480,872)	(8,117,845)	(13,470,500)	(21,899,375)	(43,487,720)	(8,641,176)	(14,248,398)	(21,882,064)	(44,771,639)	
Non-Cash Working Capital Changes	(373,591)	10,007	(416,151)	(779,735)	(780,739)	(417,854)	2,464	(1,196,129)	(17,140)	1,231,264	(169,376)	1,044,747	3,418	(0)	50,001	53,419	
Net Cash Provided by (Used in) Operating Activities	249,564	1,002,796	1,632,755	2,885,115	793,647	2,540,608	8,582,333	11,916,588	4,722,215	7,875,664	23,334,448	35,932,327	4,104,666	5,784,186	24,171,680	34,060,532	
Cash Flows From Financing Activities																	
Capital Contributions Proceeds New Borrowing	-	-	-	-	-	-	-	-	-	-	2.000.000	2.000.000	-	-	2.000.000	2.000.000	
Interest Payments	(14,235)	(12,873)	-	(27,107)	(25,428)	(59.425)	-	(84.853)	(1.406.328)	(181,995)	(11,565,086)	(13,153,409)	(1,406,328)	(181,995)	(11.565.086)	(13,153,409)	
Principal Payments	(31,398)	(45,508)	-	(76,905)	(125,256)	(181,964)	-	(307,220)	(2,092,818)	(549,034)	(2,660,831)	(5,302,683)	(2,092,818)	(549,034)	(2,660,831)	(5,302,683)	
Net Cash Provided by (Used in) Financing Activities	(45,632)	(58,380)	-	(104,013)	(150,684)	(241,389)	-	(392,073)	(3,499,146)	(731,029)	(12,225,917)	(16,456,092)	(3,499,146)	(731,029)	(12,225,917)	(16,456,092)	
Cash Flows from Capital and Related Activities																	
Non-Operating Income (Expenses) Capital Expenditures, net	(1,480) (283,429)	(2,629)	(505,555)	(4,109)	(7,105)	(21,337)	(615,300) (1,460,174)	(643,742)	(7,100) (4.153.900)	(42,100) (3.393,273)	(1,230,600)	(1,279,800) (13,183,965)	(4.190.000)	-	(1,230,600)	(1,230,600)	
Net Cash Provided By (Used In) Capital and Related Activi	(284,909)	(456,945) (459,574)	(505,555)	(1,245,929)	(785,727) (792,833)	(1,217,058)	(2,075,474)	(3,462,959)	(4,161,000)	(3,435,373)	(5,636,792)	(14,463,765)	(4,190,000)	(2,921,800)	(6,224,576) (7,455,176)	(13,336,376)	
Cash Flows From Investing Activities	(204,303)	(433,374)	(505,555)	(1,230,030)	(192,000)	(1,230,334)	(2,073,474)	(4,100,700)	(4,101,000)	(3,433,373)	(0,007,332)	(14,403,703)	(4,130,000)	(2,321,000)	(7,455,176)	(14,300,370)	
Investments Converting To Cash	-	248,000	-	248,000	-	991,000	-	991,000	-	991,000	-	991,000	-	-	-	-	
Purchased Invesments	-	(493,000)	-	(493,000)	-	(1,979,000)	-	(1,979,000)	-	(1,979,000)	-	(1,979,000)	-	-	-	-	
Interest Income Net Cash Provided By (Used In) Investing Activities	3,962 3,962	6,366 (238,634)	661 661	10,990 (234,010)	16,198 16,198	33,726 (954,274)	2,409 2,409	52,332 (935,668)	60,200 60,200	84,900 (903,100)	110,500 110,500	255,600 (732,400)	94,327 94,327	190,471 190,471	172,960 172,960	457,758 457,758	
FUND NET CASH FLOWS	(77.015)	246.207	1,127,861	1.297.053	(133.672)	106.550	6.509.268	6.482.146	(2.877.731)	2.806.161	4.351.639	4.280.070	(3,490,153)	2.321.828	4.663.547	3.495.222	
	(11,013)	240,207	1,121,001	1,231,033	(133,072)	100,530	3,303,200	0,402,140	(2,011,131)	2,000,101	7,351,035	4,200,010	(5,430,133)	2,321,020	4,000,047	3,433,222	
DEBT SERVICE RATIO Debt Service Ratio (Indenture Based)																	
Total Operating Revenues	1,161,727	1,886,619	3,310,196	6,358,541	3,857,059	6,195,767	13,088,147	23,140,974	11,776,100	19,082,900	41,206,300	72,065,300	11,799,441	19,166,369	41,996,514	72,962,324	
Total Operating Expenses (Cash Based)	(635,359)	(997,050)	(1,402,687)	(3,035,096)	(2,499,446)	(3,591,320)	(5,390,106)	(11,480,872)	(8,117,845)	(13,470,500)	(21,899,375)	(43,487,720)	(8,641,176)	(14,248,398)	(21,882,064)	(44,771,639)	
Interest Income	3,962	6,366	661	10,990	16,198	33,726	2,409	52,332	60,200	84,900	110,500	255,600	94,327	190,471	172,960	457,758	
Annual Lease Payment (City)	-	-	-	-	-	-	-	-	-	-	(1,230,600)	(1,230,600)	-	-	(1,230,600)	(1,230,600)	
Total Non-Operating Revenues (Expenses)	95,307	100,591	141,397	337,295	209,668	332,678	881,828	1,424,174	1,074,000	989,900	4,196,900	6,260,800	942,983	866,216	4,007,230	5,816,428	
Cash Available For Debt Service	625,637	996,526	2,049,567	3,671,730	1,583,479	2,970,851	8,582,278	13,136,608	4,792,455	6,687,200	22,383,725	33,863,380	4,195,575	5,974,657	23,064,040	33,234,271	
Interest Paid	117.194	15,166	1.144.745	1,277,105	468,776	60,665	4,578,978	5,108,420	1,406,328	181,995	11,565,086	13,153,409	1.406.328	181,995	11,565,086	13,153,409	
Debt Retirement (Principal Payments)	174,402	45.753	205,124	425,278	697,606	183.011	820,496	1,701,113	2,092,818	549.034	2,660,831	5,302,683	2,092,818	549.034	2,660,831	5,302,683	
Total Debt Service	291,596	60,919	1,349,869	1,702,383	1,166,382	243,676	5,399,474	6,809,533	3,499,146	731,029	14,225,917	18,456,092	3,499,146	731,029	14,225,917	18,456,092	
Debt Service Ratio	2.15	16.36	1.52	2.16	1.36	12.19	1.59	1.93	1.37	9.15	1.57	1.83	1.20	8.17	1.62	1.80	

LEHIGH COUNTY AUTHORITY FINANCIAL STATEMENTS - SUBURBAN WATER

For the Period Ended April 30, 2021

Ţ			Month		1			burban - Water Year To Date			Full Year					
STATEMENTS OF ACTIVITIES Operating Revenues:	Actual	Q2 FC	Prior Yr	FC Var	PY Var	Actual	Q2 FC	Prior Yr	FC Var	PY Var	Q2 FC	Budget	Prior Yr	Bud Var	PY Var	
User Charges	1,161,727	1,161,700	975,465	27	186,262	3,857,059	3,857,100	3,407,986	(41)	449,073	11,776,100	11,799,441	10,876,328	(23,341)	899,772	
Connection & System Charges Other Miscellaneous Revenues	91,572 5,215	91,600 5,200	4,632 2,175	(28) 15	86,940 3,040	204,663 12,110	204,900 12,200	78,953 7,215	(237) (90)	125,710 4,895	1,045,900 35,200	912,039 30,944	860,600 90,408	133,861 4,256	185,300 (55,208)	
Total Operating Revenues	1,258,514	1,258,500	982,272	14	276,242	4,073,832	4,074,200	3,494,154	(368)	579,679	12,857,200	12,742,423	11,827,336	114,777	1,029,864	
Operating Expenses:																
Personnel	236,160	236,200	116,181	40	(119,979)	1,011,102	1,011,300	502,811	198	(508,291)	2,982,845	3,289,603	2,776,020	306,758	(206,825)	
Shared Services - General & Administrative Utilities	36,353 33,164	36,400 33,200	15,143 30,969	47 36	(21,210) (2,196)	153,070 149,911	153,100 149,900	265,791 128,366	30 (11)	112,720 (21,545)	593,100 509,900	663,734 543,917	301,192 419,492	70,634 34,017	(291,908) (90,408)	
Materials and Supplies	29,610	29,400	18,495	(210)	(11,115)	108,404	108,100	62,894	(304)	(45,509)	563,100	547,582	279,455	(15,518)	(283,645)	
Miscellaneous Services Treatment and Transportation	299,830	299,800	198,597	(30)	(101,232)	1,074,624	1,074,600	781,104	(24)	(293,519)	3,418,600	3,518,076	3,644,354	99,476	225,754	
Depreciation and Amortization	217,141	217,100	220,000	(41)	2,859	868,564	868,400	880,000	(164)	11,436	2,604,400	2,605,699	2,939,143	1,299	334,743	
Major Maintenance Expenses Other Miscellaneous	242	200	61	(42)	(181)	2,335	2,300	1,965	(35)	(370)	2,300 48,000	3,400 74,864	- 44,785	1,100 26,864	(2,300) (3,215)	
Total Operating Expenses	852,500	852,300	599,446	(200)	(253,054)	3,368,010	3,367,700	2,622,931	(310)	(745,078)	10,722,245	11,246,874	10,404,442	524,630	(317,803)	
Net Operating Profit	406,014	406,200	382,826	(186)	23,188	705,823	706,500	871,222	(677)	(165,400)	2,134,955	1,495,549	1,422,894	639,406	712,061	
Non-Operating Income (Expense)																
Interest Income	3,962	4,000	6,062	(38)	(2,100)	16,198	16,200	38,239	(2)	(22,041)	60,200	94,327	74,594	(34,127)	(14,394)	
Interest (Expense) Other Miscellaneous	(100,573) (1,480)	(100,600) (1,400)	(127,041) 6,708	27 (80)	26,468 (8,188)	(410,519) (7,105)	(410,600) (7,100)	(510,217) 15,679	81 (5)	99,698 (22,785)	(1,345,600) (7,100)	(1,406,328)	(1,442,549) 207,152	60,728 (7,100)	96,949 (214,252)	
Net Non-Operating Income (Expense)	(98,091)	(98,000)	(114,270)	(91)	16,180	(401,426)	(401,500)	(456,299)	74	54,873	(1,292,500)	(1,312,001)	(1,160,804)	19,501	(131,696)	
Net Income (Loss)	307,923	308,200	268,555	(277)	39,368	304,396	305,000	414,923	(604)	(110,527)	842,455	183,548	262,090	658,907	580,365	
CASH FLOW STATEMENT																
Cash Flows From Operating Activities Operating Revenues	4.050.544	4.050.500	000.070	14	276,242	4.070.000	4.074.000	0.404.454	(000)	570.070	40.057.000	40.740.400	44 007 000	444.777	4 000 004	
Operating Revenues Operating Expenses (ex D&A)	1,258,514 (635,359)	1,258,500 (635,200)	982,272 (379,446)	(159)	(255,913)	4,073,832 (2,499,446)	4,074,200 (2,499,300)	3,494,154 (1,742,931)	(368) (146)	579,679 (756,514)	12,857,200 (8,117,845)	12,742,423 (8,641,176)	11,827,336 (7,465,299)	114,777 523,331	1,029,864 (652,546)	
Non-Cash Working Capital Changes	(373,591)	(373,800)	(27,171)	209	(346,420)	(780,739)	(781,300)	(660,225) 1,090,997	561 48	(120,514)	(17,140)	3,418 4,104,666	(112,551) 4,249,486	(20,558) 617,549	95,411	
Net Cash Provided by (Used in) Operating Activities Cash Flows From Financing Activities	249,564	249,500	575,655	64	(326,091)	793,647	793,600	1,090,997	48	(297,350)	4,722,215	4,104,666	4,249,486	617,549	472,730	
Capital Contributions	-	-	-	-	-	-	-	-	-	-	-			-	-	
Proceeds New Borrowing Interest Payments	(14.235)	(14,200)	(1,036)	(35)	(13,199)	(25,428)	(25,400)	(34,769)	(28)	9,341	(1.406.328)	(1,406,328)	(1,756,050)		349.722	
Principal Payments	(31,398)	(31,400)	(30,734)	2	(663)	(125,256)	(125,200)	(122,593)	(56)	(2,663)	(2,092,818)	(2,092,818)	(2,081,390)	-	(11,428)	
Net Cash Provided by (Used in) Financing Activities Cash Flows from Capital and Related Activities	(45,632)	(45,600)	(31,770)	(32)	(13,862)	(150,684)	(150,600)	(157,362)	(84)	6,678	(3,499,146)	(3,499,146)	(3,837,440)	-	338,294	
Non-Operating Income (Expenses)	(1,480)	(1,400)	6,708	(80)	(8,188)	(7,105)	(7,100)	15,679	(5)	(22,785)	(7,100)		207,152	(7,100)	(214,252)	
Capital Expenditures, net Net Cash Provided By (Used In) Capital and Related Activities	(283,429) (284,909)	(283,400) (284.800)	(448,328) (441,620)	(29) (109)	164,899 156.711	(785,727) (792,833)	(785,700) (792.800)	(1,133,885) (1,118,206)	(27)	348,158 325,373	(4,153,900) (4,161,000)	(4,190,000) (4.190,000)	(5,043,931) (4.836,779)	36,100 29.000	890,031 675,779	
Cash Flows From Investing Activities	(== 1,===)	(== 1,===)		(100)		(102,000)	(112,111)	•	(/	·	(1,101,000)	(1,100,000)	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,	
Investments Converting To Cash Purchased Invesments	-		497,000		(497,000)			1,733,000 (743,000)		(1,733,000) 743,000			2,382,000 (1,977,682)	- :	(2,382,000) 1,977,682	
Interest Income	3,962	4,000	6,062	(38)	(2,100)	16,198	16,200	38,239	(2)	(22,041)	60,200	94,327	74,594	(34,127)	(14,394)	
Net Cash Provided By (Used In) Investing Activities	3,962	4,000	503,062	(38)	(499,100)	16,198	16,200	1,028,239	(2)	(1,012,041)	60,200	94,327	478,911	(34,127)	(418,711)	
FUND NET CASH FLOWS	(77,015)	(76,900)	605,327	(115)	(682,342)	(133,672)	(133,600)	843,668	(72)	(977,340)	(2,877,731)	(3,490,153)	(3,945,823)	612,422	1,068,092	
DEBT SERVICE RATIO Debt Service Ratio (Indenture Based)																
User Charges	1,161,727	1,161,700	975,465	27	186,262	3,857,059	3,857,100	3,407,986	(41)	449,073	11,776,100	11,799,441	10,876,328	(23,341)	899,772	
Operating Expenses (Cash Based) Interest Income	(635,359) 3.962	(635,200) 4.000	(379,446) 6,062	(159)	(255,913)	(2,499,446) 16,198	(2,499,300) 16,200	(1,742,931) 38,239	(146)	(756,514) (22,041)	(8,117,845) 60.200	(8,641,176) 94,327	(7,465,299) 74,594	523,331	(652,546) (14,394)	
Annual Lease Payment (City)	3,962	4,000		(38)	(2,100)	10,190	-	30,239	(2)	(22,041)	-	94,327	74,594	(34,127)	(14,394)	
Non-Operating Revenues (Expenses)	95,307	95,400	13,515	(93)	81,792	209,668	210,000	101,847	(332)	107,821	1,074,000	942,983	1,158,159	131,017	(84,159)	
Cash Available For Debt Service	625,637	625,900	615,596	(263)	10,041	1,583,479	1,584,000	1,805,140	(521)	(221,661)	4,792,455	4,195,575	4,643,782	596,881	148,673	
Interest Paid	117,194	117,194	146,338	-	(29,144)	468,776	468,776	585,350	-	(116,574)	1,406,328 2.092.818	1,406,328	1,756,050	-	(349,722)	
Debt Retirement (Principal Payments) Total Debt Service	174,402 291,596	174,402 291,596	173,449 319,787		952 (28,191)	697,606 1,166,382	697,606 1,166,382	693,797 1,279,147		3,809 (112,765)	3,499,146	2,092,818 3,499,146	2,081,390 3,837,440		11,428 (338,294)	
Debt Service Ratio	2.15	2.15	1.93	(0.00)	0.22	1.36	1.36	1.41	(0.00)	(0.05)	1.37	1.20	1.21	0.17	0.16	
	2.10	2.10	1.00	(0.00)	V.LL	1.00	1.00	1.71	(0.00)	(0.00)	1.07	1.20	1.4.1	V.11	0.10	

LEHIGH COUNTY AUTHORITY VARIANCE ANALYSIS - MONTH For the Period Ended April 30, 2021

				Suburban - Water
STATEMENTS OF ACTIVITIES	Actual	Q2 FC	FC Var	Comments
Operating Revenues:	Actual	Q2 FC	FC Vai	Continents
User Charges	1,161,727	1,161,700	27	
Connection & System Charges	91.572	91,600	(28)	
Other Miscellaneous Revenues	5,215	5,200	15	
Total Operating Revenues	1,258,514	1,258,500		No major variances
. •				
Operating Expenses:				
Personnel	236,160	236,200	40	
Shared Services - General & Administrative	36,353	36,400	47	
Utilities	33,164	33,200	36	
Materials and Supplies	29,610	29,400	(210)	
Miscellaneous Services	299,830	299,800	(30)	
Treatment and Transportation	-	-	-	
Depreciation and Amortization	217,141	217,100	(41)	
Major Maintenance Expenses	242	200	(42)	
Other Miscellaneous				
Total Operating Expenses	852,500	852,300	(200)	Slightly higher materials & supplies
Net Operating Profit	406.014	406.200	(186)	Slightly higher operating expenses
That operating them	400,014	400,200	(100)	ongitify ingitor operating expenses
Non-Operating Income (Expense)				
Interest Income	3,962	4,000	(38)	
Interest (Expense)	(100,573)	(100,600)	27	
Other Miscellaneous	(1,480)	(1,400)	(80)	
Net Non-Operating Income (Expense)	(98,091)	(98,000)	(91)	Lower investment income
Net Income (Loss)	307,923	308,200	(277)	Higher operating expenses and lower investment income
Het Illoulle (Loss)	301,323	300,200	(211)	Inigher operating expenses and lower investment income
CASH FLOW STATEMENT				
Cash Flows From Operating Activities				
Operating Revenues	1,258,514	1,258,500	14	
Operating Expenses (ex D&A)	(635,359)	(635,200)	(159)	
Non-Cash Working Capital Changes	(373,591)	(373,800)	209	
Net Cash Provided by (Used in) Operating Activities	249,564	249,500	64	Slightly higher cash from operations
Cash Flows From Financing Activities				
Capital Contributions	-	-	-	
Proceeds New Borrowing	-	-	-	
Interest Payments	(14,235)	(14,200)	(35)	
Principal Payments	(31,398)	(31,400)	2	
Net Cash Provided by (Used in) Financing Activities	(45,632)	(45,600)	(32)	
Cash Flows from Capital and Related Activities				
Non-Operating Income (Expenses)	(1,480)	(1,400)		Lower investment income
Capital Expenditures, net	(283,429)	(283,400)	(29)	Slightly higher capex
Net Cash Provided By (Used In) Capital and Related Activities	(284,909)	(284,800)	(109)	
Cash Flows From Investing Activities				
Investments Converting To Cash	-		-	
Purchased Invesments	2.062	4.000	(00)	
Interest Income Net Cash Provided By (Used In) Investing Activities	3,962 3,962	4,000 4.000	(38)	
Het Gash i Tovided by (Osed III) IIIvesting Activities	3,302	4,000	(36)	
				Higher cash from operations more than offset by lower investment income and slightly
FUND NET CASH FLOWS	(77,015)	(76,900)	(115)	higher capex
		, /	(1.4)	Indian company

LEHIGH COUNTY AUTHORITY

FINANCIAL STATEMENTS - SUBURBAN WASTEWATER

For the Period Ended April 30, 2021

							rater								
			Month					Year To Date					Full Year		
STATEMENTS OF ACTIVITIES Operating Revenues:	Actual	Q2 FC	Prior Yr	FC Var	PY Var	Actual	Q2 FC	Prior Yr	FC Var	PY Var	Q2 FC	Budget	Prior Yr	Bud Var	PY Var
User Charges Connection & System Charges	1,886,619 103,205	1,886,600 103,200	1,355,506 500	19 5	531,113 102,705	6,195,767 352,270	6,195,900 352,300	5,213,912 2,770,733	(133) (30)	981,855 (2,418,463)	19,082,900 1,030,300	19,166,369 865,588	16,185,466 3,562,508	(83,469) 164,712	2,897,434 (2,532,208)
Other Miscellaneous Revenues	15	-	-	15	15	1,745	1,700	75	45	1,670	1,700	628	22,440	1,072	(20,740)
Total Operating Revenues	1,989,839	1,989,800	1,356,006	39	633,833	6,549,782	6,549,900	7,984,720	(118)	(1,434,938)	20,114,900	20,032,585	19,770,413	82,315	344,487
Operating Expenses: Personnel	102,166	102,200	59,606	34	(42,560)	435,826	435,700	238,898	(126)	(196,928)	1,651,700	1,760,954	1,330,832	109,254	(320,868)
Shared Services - General & Administrative Utilities	19,428 24,629	19,400 24,600	11,552 22,895	(28) (29)	(7,876) (1,735)	69,796 99,928	69,700 99,900	145,265 92,032	(96) (28)	75,470 (7,897)	173,700 395,900	155,415 449,484	142,031 296,419	(18,285) 53,584	(31,669) (99,481)
Materials and Supplies Miscellaneous Services	39,330 545.941	39,400 546,000	11,410 382,517	70 59	(27,919) (163,424)	103,304 1,914,601	103,500 1,914,800	81,057 1,717,321	196 199	(22,247) (197,280)	535,500 6.050,800	649,208 6,209,376	376,802 6,048,191	113,708 158,576	(158,698) (2,609)
Treatment and Transportation	230,001	230,000	240,000	(1)	9,999	920,001	920,000	960,000	(1)	39,999	3,761,000	3,977,539	2,906,957	216,539	(854,043)
Depreciation and Amortization	384,727	384,700	383,460	(27)	(1,267)	1,538,908	1,538,800	1,533,840	(108)	(5,068)	4,635,800	4,616,783	5,947,005	(19,017)	1,311,205
Major Maintenance Expenses Other Miscellaneous	35,555	35,600	496	45	(35,059)	47,865	47,900	11,119	35	(36,745)	869,900 32,000	1,000,000 46,422	42.698	130,100 14,422	(869,900) 10,698
Total Operating Expenses	1,381,777	1,381,900	1,111,936	123	(269,841)	5,130,228	5,130,300	4,779,533	72	(350,696)	18,106,300	18,865,181	17,090,934	758,881	(1,015,366)
Net Operating Profit	608,062	607,900	244,070	162	363,992	1,419,554	1,419,600	3,205,188	(46)	(1,785,634)	2,008,600	1,167,404	2,679,479	841,196	(670,879)
Non-Operating Income (Expense) Interest Income	6.366	6.400	15.773	(34)	(9.407)	33,726	33.700	80.864	26	(47.139)	84.900	190.471	185.407	(105.571)	(100.507)
Interest (Expense)	(15,717)	(15,700)	(16,783)	(17)	1,066	(62,262)	(62,200)	(67,924)	(62)	5,662	(187,800)	(181,995)	(199,654)	(5,805)	11,854
Other Miscellaneous	(2,629)	(2,600)	32,895	(29)	(35,524)	(21,337)	(21,300)	49,048	(37)	(70,385)	(42,100)		16,089	(42,100)	(58,189)
Net Non-Operating Income (Expense)	(11,980)	(11,900)	31,886	(80)	(43,866)	(49,873)	(49,800)	61,989	(73)	(111,861)	(145,000)	8,475	1,842	(153,475)	(146,842)
Net Income (Loss)	596,082	596,000	275,956	82	320,126	1,369,681	1,369,800	3,267,176	(119)	(1,897,495)	1,863,600	1,175,879	2,681,321	687,721	(817,721)
CASH FLOW STATEMENT Cash Flows From Operating Activities															
Operating Revenues	1,989,839	1,989,800	1,356,006	39	633,833	6,549,782	6,549,900	7,984,720	(118)	(1,434,938)	20,114,900	20,032,585	19,770,413	82,315	344,487
Operating Expenses (ex D&A)	(997,050)	(997,200)	(728,476)	150	(268,574)	(3,591,320)	(3,591,500)	(3,245,693)	180	(345,628)	(13,470,500)	(14,248,398)	(11,143,929)	777,898	(2,326,571)
Non-Cash Working Capital Changes Net Cash Provided by (Used in) Operating Activities	10,007 1,002,796	10,100 1,002,700	2,955,112 3,582,642	(93) 96	(2,945,105) (2,579,847)	(417,854) 2,540,608	(417,788) 2,540,612	565,565 5,304,593	(66) (4)	(983,419) (2,763,985)	1,231,264 7,875,664	(0) 5,784,186	(833,441) 7,793,043	1,231,264 2,091,477	2,064,705 82,621
Cash Flows From Financing Activities		, , , , , , , , , , , , , , , , , , , ,	, ,		,,,,,,	, , , , , , , , , , , , , , , , , , , ,	,,-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	` '	, , ,	, , , , , ,		, ,	, , ,	. ,.
Capital Contributions Proceeds New Borrowing	-	-	-	-	-	-		-	-	-	-	-	-	-	-
Interest Payments	(12,873)	(12,900)		27	(12,873)	(59,425)	(59,400)	(56,307)	(25)	(3,117)	(181,995)	(181,995)	(164,692)	-	(17,304)
Principal Payments	(45,508)	(45,500)	(44,593)	(8)	(914)	(181,964)	(182,000)	(182,123)	36	159	(549,034)	(549,034)	(542,065)	-	(6,969)
Net Cash Provided by (Used in) Financing Activities Cash Flows from Capital and Related Activities	(58,380)	(58,400)	(44,593)	20	(13,787)	(241,389)	(241,400)	(238,431)	11	(2,958)	(731,029)	(731,029)	(706,757)	-	(24,272)
Non-Operating Income (Expenses)	(2,629)	(2,600)	32,895	(29)	(35,524)	(21,337)	(21,300)	49,048	(37)	(70,385)	(42,100)	-	16,089	(42,100)	(58,189)
Capital Expenditures, net Net Cash Provided By (Used In) Capital and Related Activities	(456,945) (459,574)	(456,900) (459,500)	(2,035,760) (2,002,865)	(45) (74)	1,578,815 1,543,291	(1,217,058) (1,238,394)	(1,217,000) (1,238,300)	(3,613,450) (3,564,402)	(58) (94)	2,396,392 2,326,007	(3,393,273)	(2,921,800) (2,921,800)	(8,381,452) (8,365,363)	(471,473) (513,573)	4,988,179 4,929,989
Cash Flows From Investing Activities	(459,574)	(459,500)	(2,002,865)	(74)	1,543,291	(1,236,394)	(1,236,300)	(3,564,402)	(94)	2,326,007	(3,435,373)	(2,921,000)	(6,365,363)	(513,573)	4,929,969
Investments Converting To Cash	248,000	248,000	-	-	248,000	991,000	991,000	1,237,000	-	(246,000)	991,000	-	5,156,000	991,000	(4,165,000)
Purchased Invesments Interest Income	(493,000) 6,366	(493,000) 6,400	15,773	(34)	(493,000) (9,407)	(1,979,000) 33,726	(1,979,000) 33,700	(1,233,000) 80,864	- 26	(746,000) (47,139)	(1,979,000) 84,900	190,471	(3,653,000) 185,407	(1,979,000) (105,571)	1,674,000 (100,507)
Net Cash Provided By (Used In) Investing Activities	(238,634)	(238,600)	15,773	(34)	(254,407)	(954,274)	(954,300)	84,864	26	(1,039,139)	(903,100)	190,471	1,688,407	(1,093,571)	(2,591,507)
FUND NET CASH FLOWS	246,207	246,200	1,550,957	7	(1,304,750)	106,550	106,612	1,586,625	(62)	(1,480,075)	2,806,161	2,321,828	409,330	484,333	2,396,831
DEBT SERVICE RATIO															
Debt Service Ratio (Indenture Based) User Charges	1,886,619	1,886,600	1,355,506	19	531,113	6,195,767	6,195,900	5,213,912	(133)	981,855	19,082,900	19,166,369	16,185,466	(83,469)	2,897,434
Operating Expenses (Cash Based)	(997.050)	(997,200)	(728,476)	150	(268.574)	(3,591,320)	(3.591.500)	(3.245.693)	(133)	(345,628)	(13.470.500)	(14.248.398)	(11.143.929)	(83,469) 777.898	(2,326,571)
Interest Income	6,366	6,400	15,773	(34)	(9,407)	33,726	33,700	80,864	26	(47,139)	84,900	190,471	185,407	(105,571)	(100,507)
Annual Lease Payment (City) Non-Operating Revenues (Expenses)	100,591	100,600	33,395	(9)	- 67,196	332,678	332,700	2,819,856	- (22)	- (2,487,178)	989.900	- 866,216	3,601,037	123,684	- (2,611,137)
Cash Available For Debt Service	996,526	996,400	676,199	126	320,327	2,970,851	2,970,800	4,868,940	51	(1,898,089)	6,687,200	5,974,657	8,827,981	712,543	(2,140,781)
Interest Paid	15,166	15,166	13,724		1,442	60,665	60,665	54,897	-	5,768	181,995	181,995	164,692		17,304
Debt Retirement (Principal Payments)	45,753	45,753	45,172		581	183,011	183,011	180,688	-	2,323	549,034	549,034	542,065	-	6,969
Total Debt Service	60,919	60,919	58,896	-	2,023	243,676	243,676	235,586	•	8,091	731,029	731,029	706,757		24,272
Debt Service Ratio	16.36	16.36	11.48	0.00	4.88	12.19	12.19	20.67	0.00	(8.48)	9.15	8.17	12.49	0.97	(3.34)

				Suburban - Wastewater
STATEMENTS OF ACTIVITIES	Actual	Q2 FC	FC Var	Comments
Operating Revenues:				
User Charges	1,886,619	1,886,600	19	
Connection & System Charges	103,205	103,200	5	
Other Miscellaneous Revenues	15	<u> </u>	15	
Total Operating Revenues	1,989,839	1,989,800	39	Higher operating revenues
Operating Expenses:				
Personnel	102,166	102,200	34	
Shared Services - General & Administrative	19.428	19,400	(28)	
Utilities	24,629	24,600	(29)	
Materials and Supplies	39,330	39,400	70	
Miscellaneous Services	545,941	546,000	59	
Treatment and Transportation	230,001	230,000	(1)	
Depreciation and Amortization	384,727	384,700	(27)	
Major Maintenance Expenses	35,555	35,600	45	
Other Miscellaneous	-	-	-	
Total Operating Expenses	1,381,777	1,381,900	123	Lower material, supplies, and services
Net Operating Profit	608,062	607,900	162	higher operating revenues along with lower operating expenses
Non-Operating Income (Expense)				
Interest Income	6.366	6,400	(34)	
Interest (Expense)	(15,717)	(15,700)	(17)	
Other Miscellaneous	(2,629)	(2,600)	(29)	
Net Non-Operating Income (Expense)	(11,980)	(11,900)	(80)	Lower investment income
				High and a second in the secon
Net Income (Loss)	596,082	596,000	82	Higher net operaqting income offset partly by lower investment income
CASH FLOW STATEMENT				
Cash Flows From Operating Activities				
Operating Revenues	1.989.839	1,989,800	39	
Operating Expenses (ex D&A)	(997,050)	(997,200)	150	
Non-Cash Working Capital Changes	10,007	10,100	(93)	
Net Cash Provided by (Used in) Operating Activities	1,002,796	1,002,700	96	Higher cash from operations
Cash Flows From Financing Activities				
Capital Contributions	-	-	-	
Proceeds New Borrowing	-	-	-	
Interest Payments	(12,873)	(12,900)	27	
Principal Payments	(45,508)	(45,500)	(8)	
Net Cash Provided by (Used in) Financing Activities	(58,380)	(58,400)	20	Lower interest payments
Cash Flows from Capital and Related Activities				
Non-Operating Income (Expenses)	(2,629)	(2,600)	(29)	
Capital Expenditures, net	(456,945)	(456,900)	(45)	
Net Cash Provided By (Used In) Capital and Related Activities	(459,574)	(459,500)	(74)	Lower investment income and slightly higher capex
Cash Flows From Investing Activities				
Investments Converting To Cash	248,000	248,000	-	
Purchased Invesments	(493,000)	(493,000)	-	
Interest Income	6,366	6,400	(34)	
Net Cash Provided By (Used In) Investing Activities	(238,634)	(238,600)	(34)	Lower interest income
FUND NET CASH FLOWS	246,207	246,200	7	
. 5.15 . 12. 5.1011 20110	270,207	270,200		

LEHIGH COUNTY AUTHORITY FINANCIAL STATEMENTS - CITY DIVISION For the Period Ended April 30, 2021

			Month					City Division Year To Date					Full Year		
STATEMENTS OF ACTIVITIES Operating Revenues:	Actual	Q2 FC	Prior Yr	FC Var	PY Var	Actual	Q2 FC	Prior Yr	FC Var	PY Var	Q2 FC	Budget	Prior Yr	Bud Var	PY Var
User Charges	3,310,196	3,310,300	2,603,749	(104)	706,447	13,088,147	13,088,300	11,899,646	(153)	1,188,501	41,206,300	41,996,514	37,998,077	(790,214)	3,208,223
Connection & System Charges Other Miscellaneous Revenues	132,797 8.600	132,900 8,600	126,154 4,294	(103)	6,643 4,306	861,828 20.000	861,900 20,000	512,740 17.410	(72)	349,088 2,590	4,135,900 61,000	3,947,981 59,249	2,767,986 37,275	187,919 1,751	1,367,914 23,725
Total Operating Revenues	3,451,593	3,451,800	2,734,198	(207)	717,395	13,969,975	13,970,200	12,429,796	(225)	1,540,179	45,403,200	46,003,744	40,803,339	(600,544)	4,599,861
Operating Expenses:															
Personnel	913,479	913,500	613,268	21	(300,211)	3,458,222	3,458,200	2,872,513	(22)	(585,708)	12,117,475	11,561,494	10,745,135	(555,981)	(1,372,340)
Shared Services - General & Administrative	125,649	125,600	78,383	(49)	(47,266)	482,904	482,900	881,379	(4)	398,475	1,642,900	1,739,417	1,575,917	96,517	(66,983)
Utilities Materials and Supplies	147,798 116,605	147,800 116,500	192,548 174,588	(105)	44,749 57,983	672,757 411,828	672,800 411,700	643,265 474,798	43 (128)	(29,492) 62,970	2,112,800 1,811,700	2,156,620 1,932,267	1,815,047 1,464,251	43,820 120,567	(297,753) (347,449)
Miscellaneous Services	88,483	88,400	152,777	(83)	64,294	327,969	328,000	372,617	31	44,648	1,652,000	1,813,371	1,794,424	161,371	142,424
Treatment and Transportation Depreciation and Amortization	- 491.154	491,200	490,000	- 46	(1,154)	1,964,616	1,964,800	1,960,000	- 184	(4,616)	8,000 5,892,800	12,000 5,893,862	11,926 5,756,210	4,000 1,062	3,926 (136,590)
Major Maintenance Expenses	10,672	10,700	29,224	28	18,551	36,428	36,500	121,999	72	85,571	436,500	542,924	-	106,424	(436,500)
Other Miscellaneous	1,893,841	1,893,700	1,730,788	(141)	(163,053)	7,354,722	7,354,900	7,326,571	- 178	(28,152)	2,118,000 27,792,175	2,123,972 27,775,926	2,206,837 25,369,748	5,972 (16,249)	88,837 (2,422,427)
Total Operating Expenses															
Net Operating Profit	1,557,752	1,558,100	1,003,410	(348)	554,342	6,615,253	6,615,300	5,103,225	(47)	1,512,027	17,611,025	18,227,817	15,433,590	(616,792)	2,177,435
Non-Operating Income (Expense) Interest Income	004	700	4 700	(00)	(4.407)	0.400	0.500	454.007	(04)	(454,000)	440 500	470.000	460.074	(60, 400)	(E4 E7.1)
Interest income Interest (Expense)	661 (1,382,735)	700 (1,382,700)	1,799 (1,453,283)	(39) (35)	(1,137) 70,548	2,409 (5,530,940)	2,500 (5,530,800)	154,097 (5,813,132)	(91) (140)	(151,688) 282,193	110,500 (17,533,886)	172,960 (17,535,086)	162,074 (14,701,033)	(62,460) 1,200	(51,574) (2,832,853)
Other Miscellaneous	- '	- 1	- '-		-	- '	- 1	7,315	`- ′	(7,315)	- '	- 1	(1,999,362)		1,999,362
Net Non-Operating Income (Expense)	(1,382,074)	(1,382,000)	(1,451,484)	(74)	69,411	(5,528,531)	(5,528,300)	(5,651,720)	(231)	123,189	(17,423,386)	(17,362,125)	(16,538,321)	(61,260)	(885,065)
Net Income (Loss)	175,678	176,100	(448,074)	(422)	623,752	1,086,722	1,087,000	(548,495)	(278)	1,635,216	187,639	865,692	(1,104,731)	(678,053)	1,292,370
CASH FLOW STATEMENT															
Cash Flows From Operating Activities	0.454.500	0.454.000	0.704.400	(007)	747.005	40,000,075	40.070.000	40 400 700	(005)	4 5 40 470	45 400 000	40,000,744	40.000.000	(000 544)	4 500 004
Operating Revenues Operating Expenses (ex D&A)	3,451,593 (1,402,687)	3,451,800 (1,402,500)	2,734,198 (1,240,788)	(207) (187)	717,395 (161,899)	13,969,975 (5,390,106)	13,970,200 (5,390,100)	12,429,796 (5,366,571)	(225) (6)	1,540,179 (23,536)	45,403,200 (21,899,375)	46,003,744 (21,882,064)	40,803,339 (19,613,539)	(600,544) (17,311)	4,599,861 (2,285,837)
Non-Cash Working Capital Changes	(416,151)	(416,584)	(507,100)	433	90,949	2,464	2,142	(1,684,884)	322	1,687,348	(169,376)	50,001	(2,404,261)	(219,377)	2,234,885
Net Cash Provided by (Used in) Operating Activities Cash Flows From Financing Activities	1,632,755	1,632,716	986,310	39	646,444	8,582,333	8,582,242	5,378,341	91	3,203,992	23,334,448	24,171,680	18,785,539	(837,232)	4,548,910
Capital Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Proceeds New Borrowing Interest Payments			-	-	-	-		1	-	-	2,000,000 (11,565,086)	2,000,000 (11,565,086)	(10,651,666)		2,000,000 (913,420)
Principal Payments	_			-	-	_			-	-	(2,660,831)	(2,660,831)	(1,149,035)		(1,511,796)
Net Cash Provided by (Used in) Financing Activities Cash Flows from Capital and Related Activities	-	•	-	-	-	-	•	-	-	-	(12,225,917)	(12,225,917)	(11,800,701)	•	(425,216)
Non-Operating Income (Expenses)	-		_	-	-	(615,300)	(615,300)	7,315	_	(622,615)	(1,230,600)	(1,230,600)	(1,999,362)		768,762
Capital Expenditures, net	(505,555)	(505,555)	(191,734)	-	(313,821)	(1,460,174)	(1,460,174)	(469,703)	-	(990,471)	(5,636,792)	(6,224,576)	(3,028,551)	587,784	(2,608,241)
Net Cash Provided By (Used In) Capital and Related Activities Cash Flows From Investing Activities	(505,555)	(505,555)	(191,734)	-	(313,821)	(2,075,474)	(2,075,474)	(462,387)	-	(1,613,086)	(6,867,392)	(7,455,176)	(5,027,913)	587,784	(1,839,479)
Investments Converting To Cash	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Purchased Invesments Interest Income	- 661	700	1,799	(39)	(1,137)	2,409	2,500	154,097	- (91)	(151,688)	110,500	172,960	162,074	(62,460)	(51,574)
Net Cash Provided By (Used In) Investing Activities	661	700	1,799	(39)	(1,137)	2,409	2,500	154,097	(91)	(151,688)	110,500	172,960	162,074	(62,460)	(51,574)
FUND NET CASH FLOWS	1,127,861	1,127,861	796,375	(0)	331,486	6,509,268	6,509,268	5,070,051	-	1,439,217	4,351,639	4,663,547	2,118,999	(311,908)	2,232,641
DEBT SERVICE RATIO															
Debt Service Ratio (Indenture Based)	0.040.400	0.040.000	0.000.740	(404)	700 447	40 000 447	40.000.000	44 000 040	(450)	4 400 504	44 000 000	44 000 544	07.000.077	(700.044)	0.000.000
User Charges Operating Expenses (Cash Based)	3,310,196 (1,402,687)	3,310,300 (1,402,500)	2,603,749 (1,240,788)	(104) (187)	706,447 (161,899)	13,088,147 (5,390,106)	13,088,300 (5,390,100)	11,899,646 (5,366,571)	(153) (6)	1,188,501 (23,536)	41,206,300 (21,899,375)	41,996,514 (21,882,064)	37,998,077 (19.613.539)	(790,214) (17,311)	3,208,223 (2,285,837)
Interest Income	661	700	1,799	(39)	(1,137)	2,409	2,500	154,097	(91)	(151,688)	110,500	172,960	162,074	(62,460)	(51,574)
Annual Lease Payment (City) Non-Operating Revenues (Expenses)	141.397	141,500	130,449	(103)	10,948	- 881.828	881.900	537,465	(72)	344,363	(1,230,600) 4,196,900	(1,230,600) 4,007,230	(533,258) 805,899	189.670	(697,342) 3,391,001
Cash Available For Debt Service	2,049,567	2,050,000	1,495,209	(433)	554,358	8,582,278	8,582,600	7,224,638	(322)	1,357,640	22,383,725	23,064,040	18,819,254	(680,315)	3,564,471
Interest Paid	1,144,745	1,144,745	887,639		257,106	4,578,978	4,578,978	3,550,555		1,028,423	11,565,086	11,565,086	10,651,666		913,420
Debt Retirement (Principal Payments)	205,124	205,124	95,753	-	109,371	820,496	820,496	383,012	-	437,484	2,660,831	2,660,831	1,149,035		1,511,796
Total Debt Service	1,349,869	1,349,869	983,392	-	366,477	5,399,474	5,399,474	3,933,567	-	1,465,907	14,225,917	14,225,917	11,800,701	•	2,425,216
Debt Service Ratio	1.52	1.52	1.52	(0.00)	(0.00)	1.59	1.59	1.84	(0.00)	(0.25)	1.57	1.62	1.59	(0.05)	(0.02)

LEHIGH COUNTY AUTHORITY VARIANCE ANALYSIS - MONTH For the Period Ended April 30, 2021

	City Division							
STATEMENTS OF ACTIVITIES	Actual	Q2 FC	FC Var	Comments				
Operating Revenues: User Charges	3,310,196	3,310,300	(104)					
Connection & System Charges	132,797	132,900	(104)					
Other Miscellaneous Revenues	8,600	8,600	(103)					
Total Operating Revenues	3,451,593	3,451,800	(207)	Lower user and system revenues				
Operating Expenses:	040 470	040 500						
Personnel Shared Services - General & Administrative	913,479 125,649	913,500 125,600	21					
Utilities	147,798	147,800	(49)					
Materials and Supplies	116.605	116,500	(105)					
Miscellaneous Services	88,483	88,400	(83)					
Treatment and Transportation	-	-	-					
Depreciation and Amortization	491,154	491,200	46					
Major Maintenance Expenses	10,672	10,700	28					
Other Miscellaneous	-	-	- 1					
Total Operating Expenses	1,893,841	1,893,700	(141)	Higher materials, supplies, and services				
Net Operating Profit	1,557,752	1,558,100	(2.40)	Lower operating revenues along with higher operating expenses				
Net Operating Front	1,557,752	1,558,100	(348)	Lower operating revenues along with higher operating expenses				
Non-Operating Income (Expense)								
Interest Income	661	700	(39)					
Interest (Expense)	(1,382,735)	(1,382,700)	(35)					
Other Miscellaneous	-	-	-					
Net Non-Operating Income (Expense)	(1,382,074)	(1,382,000)	(74)	Lower investment income				
Net Income (Loss)	175,678	176,100	(422)	Lower net operating profit along with lower investment income				
CASH FLOW STATEMENT								
Cash Flows From Operating Activities								
Operating Revenues	3,451,593	3,451,800	(207)					
Operating Expenses (ex D&A)	(1,402,687)	(1,402,500)	(187)					
Non-Cash Working Capital Changes	(416,151)	(416,584)	433					
Net Cash Provided by (Used in) Operating Activities								
	1,632,755	1,632,716	39	Slightly higher cash from ops				
Cash Flows From Financing Activities Capital Contributions								
Proceeds New Borrowing		- 1	1					
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	(505,555)	(505,555)	-	No capex variance				
Net Cash Provided By (Used In) Capital and Related Activities	(505,555)	(505,555)	-					
Cash Flows From Investing Activities								
Investments Converting To Cash	-	-	-					
Purchased Invesments	-	-	-					
Interest Income	661 661	700 700	(39)	I aven investment income				
Net Cash Provided By (Used In) Investing Activities	661	700	(39)	Lower investment income				
FUND NET CASH FLOWS	1,127,861	1,127,861	(0)	Higher cash from operations offset by lower investment income				

LEHIGH COUNTY AUTHORITY CASH & INVESTMENT SUMMARY For the Period Ended April 30, 2021

Cash Operating Unrestricted Restricted Total Operating
Capital Unrestricted Restricted Total Capital
Other Restricted Debt Reserves Escrow Total Other Restricted
Total Cash
Investments Operating Unrestricted Restricted Total Operating
Capital Unrestricted Restricted Total Capital
Other Restricted Debt Reserves Escrow Total Other Restricted
Total Investments
Total Cash and Investments
Summary Cash Unrestricted Restricted Total Cash
Investments Unrestricted Restricted Total Investments Total Cash and Investments

6,434,777 4,31	Water 2021 recast 312,712 - 312,712	2021 Budget	2020 Actual	4/30/2021	Wastev 2021				Divis				Tota		
6,434,777 4,31	312,712	-	Actual	A - 4 1		2021	2020	4/30/2021	2021	2021	2020	4/30/2021	2021	2021	2020
<u> </u>				Actual	Forecast	Budget	Actual	Actual	Forecast	Budget	Actual	Actual	Forecast	Budget	Actual
<u> </u>															
6,434,777 4,31	312 712	1,173,430	5,472,832	(2,397,530)	302,136	4,315,728	(124,835)	6,758,692	11,151,433	19,638,366	1,461,088	10,795,939	15,766,281	25,127,525	6,809,085
6,434,777 4,31		2,532,181		-	272	0	272	17,072,132	12,907,766	1,614,754	23,992,617	17,072,132	12,908,037	4,146,935	23,992,889
	312,712	3,705,611	5,472,832	(2,397,530)	302,408	4,315,728	(124,563)	23,830,824	24,059,198	21,253,120	25,453,705	27,868,071	28,674,319	29,274,460	30,801,974
	319,637	2,037,248	2,037,248	10,051,209	10,051,209	7,672,019	7,672,019	5,157,759	5,157,759	169,980	169,980	15,528,605	15,528,605	9,879,247	9,879,247
95,417 415,055 31	319,637	2,037,248	2,037,248	338,259 10,389,468	337,932 10,389,141	337,932 8,009,951	337,932 8,009,951	7,500,064 12,657,822	7,500,064 12,657,822	7,500,000 7,669,980	7,500,000 7,669,980	7,933,740 23,462,345	7,837,996 23,366,600	7,837,932 17,717,179	7,837,932 17,717,179
110,000	0.0,00.	2,007,210	2,007,210	10,000,100	10,000,111	0,000,001	0,000,001	12,007,022	12,001,022	7,000,000	7,000,000	20,102,010	20,000,000	.,,,,,,,,	,,
2,026,397 1,49	499,820	1,043,094	1,499,820	-				31,598,976	29,212,973	37,684,197	28,454,669	33,625,373	30,712,793	38,727,291	29,954,489
2,026,397 1,49	499,820	1,043,094	1,499,820	-	-	-	-	31,598,976	29,212,973	37,684,197	28,454,669	33,625,373	30,712,793	38,727,291	29,954,489
	100 100			=		10.005.050					01 ==0 0=1	0.1.055.500			TO 170 010
8,876,228 6,13	132,169	6,785,954	9,009,900	7,991,938	10,691,549	12,325,679	7,885,388	68,087,622	65,929,994	66,607,297	61,578,354	84,955,789	82,753,712	85,718,930	78,473,642
1,984,430 1,74	742,749	2,136,930	1,742,749	-	5,387,745	6,757,276	5,387,745	-	-	-	-	1,984,430	7,130,494	8,894,206	7,130,494
1,984,430 1,74	742,749	2,136,930	1,742,749	-	5,387,745	6,757,276	5,387,745	-			-	1,984,430	7,130,494	8,894,206	7,130,494
	•														
1 000 040 1 00	000,000	4 000 000	4 000 000	7,136,409	4 000 000	1,000,000	1 000 000					8,136,458	2,000,000	2 000 000	2 000 000
1,000,049 1,00	-	1,000,000	1,000,000	7,136,409	1,000,000	1,000,000	1,000,000				-	6,136,456	2,000,000	2,000,000	2,000,000
1,000,049 1,00	000,000	1,000,000	1,000,000	7,136,409	1,000,000	1,000,000	1,000,000	-	-	-	-	8,136,458	2,000,000	2,000,000	2,000,000
		_	_	-	-	-	_	_	_	_	_	_	_	-	-
	474,010	4,236,279	4,474,010	-		-	-	-	-	-	-	5,561,798	4,474,010	4,236,279	4,474,010
5,561,798 4,47	474,010	4,236,279	4,474,010	-	-	-	-	-	-	-	-	5,561,798	4,474,010	4,236,279	4,474,010
8,546,276 7,21	216,759	7,373,209	7,216,759	7,136,409	6,387,745	7,757,276	6,387,745	-	-	-	-	15,682,685	13,604,504	15,130,485	13,604,504
17,422,505 13,34	348,928	14,159,163	16,226,659	15,128,347	17,079,294	20,082,955	14,273,133	68,087,622	65,929,994	66,607,297	61,578,354	100,638,474	96,358,216	100,849,415	92,078,146
	632,350	3,210,679	7,510,080	7,653,678	10,353,345	11,987,747	7,547,184	11,916,450	16,309,191	19,808,346	1,631,068	26,324,543	31,294,886	35,006,772	16,688,333
	499,820 132,169	3,575,275 6,785,954	1,499,820 9,009,900	338,259 7,991,938	338,204 10,691,549	337,932 12,325,679	7,885,388	56,171,172 68,087,622	49,620,802 65,929,994	46,798,951 66,607,297	59,947,286 61,578,354	58,631,245 84,955,789	51,458,826 82,753,712	50,712,158 85,718,930	61,785,310 78,473,642
0,070,228 0,13	132,109	0,700,954	9,009,900	1,991,930	10,091,549	12,323,079	1,000,300	00,007,022	05,929,994	00,007,297	01,078,354	04,955,769	02,103,112	05,718,930	10,413,042
	742,749	3,136,930	2,742,749	7,136,409	6,387,745	7,757,276	6,387,745	-	-	-	-	10,120,887	9,130,494	10,894,206	9,130,494
	474,010 216,759	4,236,279 7,373,209	4,474,010 7,216,759	7,136,409	6,387,745	7,757,276	6,387,745	-		-	-	5,561,798 15,682,685	4,474,010 13,604,504	4,236,279 15,130,485	4,474,010 13,604,504
17,422,505 13,34	348,928	14,159,163	16,226,659	15,128,347	17,079,294	20,082,955	14,273,133	68,087,622	65,929,994	66,607,297	61,578,354	100,638,474	96,358,216	100,849,415	92,078,146

Lehigh County Authority

System Operations Review - April 2021

Presented: May 24, 2021

Critical Activities	System	Description	<u> Apr-21</u>	2021 Totals	2020 Totals	<u>Permit</u>	
			Daily Avg (MGD)	Daily Avg (MGD)	Daily Avg (MGD)	Daily Max (MGD)	
Water Production	Allentown	Total	21.62	21.33	21.37	39.0	
		Schantz Spring	7.77	7.73	7.31	9.0	
		Crystal Spring	3.75	3.71	3.80	4.0	
		Little Lehigh Creek	10.06	9.84	10.17	30.0	
		Lehigh River	0.04	0.06	0.09	28.0	
	Central Lehigh	Total	10.94	10.29	10.24	19.04 MGD Av	
		Feed from Allentown	7.23	6.96	6.71	7.0 MGD Avg 10.5 MGD Max	
		Well Production (CLD)	3.71	3.32	3.53	8.54 MGD Ave	
		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	31.82	33.67	32.27	40.0	
		Pretreatment Plant	5.26	5.25	4.94	5.75 (design capacity)	
		Sum of all (5) other Suburban WW Systems	0.18	0.22	0.21	0.36	
			<u>Apr-21</u>	2021 Totals	2020 Totals	2019 Totals	
Precipitation Totals (inche	s)		1.22	11.35	49.57	60.66	
Compliance Reports Submitted to Allentown			35	120	275	278	
Notices of Violation (NOVs)		(Allentown + Suburban)	0	0	2	1	
Sanitary Sewer Overflows (S	SOs)/Bypasses	(Allentown + Suburban)	1	5	44	37	
Main Breaks Repaired		Allentown	0	15	19	20	
		Suburban	2	6	17	12	
Customer Service Phone Inqu	iries	(Allentown + Suburban)	1,699	6,526	16,772	22,992	
Water Shutoffs for Non-Paymo	ent	(Allentown + Suburban)	228	228	280	1,956	
Injury Accidents		(Allentown + Suburban)	1	6	10	10	
Emergency Declarations		Allentown	0	0	(4)@\$750,058	(2)@ \$152,05	
Emergency Declarations							

<u>Significant Repairs/Upgrades:</u> Nothing to report.

Description of NOVs and/or SSOs: There was one bypass in April. The bypass occurred at the new Sand Spring WWTP, and resulted because of some start-up problems with the filter disk. From 4/29/2021 to 4/30/2021, a unit process was bypassed because of the issues with the filter disk. PaDEP classifies this type of situation as a plant bypass, and as such, the episode had to be officially reported.

Other Highlights: After many years of efforts to do so, the disinfection process at KIWWTP has finally been transformed from chlorine to sodium hypochlorite. The system start-up occurred in late April. There were some relatively minor problems that has warranted the need to take the effluent disinfection system back to chlorine for the very short term until some mixers are installed. Stations throughout the remainder of the plant are all using sodium hypochlorite. Once final changeover occurs, significant public health and employee safety concerns while using chlorine will be eliminated. KIWWTP Staff thanks everyone involved for making this happen.