



**LCA Main Office:**  
1053 Spruce Road  
Wescosville, PA 18106  
610-398-2503

**Agendas & Minutes Posted:**  
[www.lehighcountyauthority.org](http://www.lehighcountyauthority.org)

## LEHIGH COUNTY AUTHORITY

Published: May 15, 2023

### BOARD MEETING AGENDA – May 22, 2023 – 12:00 p.m.

**In-Person or Virtual Meeting Attendance Options Available:** Meetings of the LCA Board of Directors will be held at LCA's Main Office as well as online using the Zoom Meetings application, which includes a telephone option. Public participation is welcomed both in-person or virtually. 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](mailto: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 if you are attending virtually. If attending in-person at LCA's Main Office, please follow all safety and sanitation protocols posted.

#### 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](http://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

- Additions to Agenda (vote required if action will be taken)

#### 3. Approval of Minutes

- *May 8, 2023 Board meeting minutes*

#### 4. Public Comments

#### 5. Action / Discussion Items:

### **FINANCE AND ADMINISTRATION**

#### **WATER**

- *Central Lehigh and North Whitehall Systems – Water Supply Study (Presentation)*

#### **WASTEWATER**

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

#### 7. Monthly Financial Review (2<sup>nd</sup> Board meeting per month) (digital Board packet, pages 6-17) – **April 2023 report attached**

#### 8. Monthly System Operations Overview (2<sup>nd</sup> Board meeting per month) (digital Board packet, pages 18-19) – **April 2023 report attached**

#### 9. Staff Comments

#### 10. Solicitor's Comments

11. Public Comments / Other Comments
12. Board Member Comments
13. Executive Sessions
14. Adjournment

UPCOMING BOARD MEETINGS		
June 12, 2023	June 26, 2023	July 10, 2023

#### 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 8, 2023**

The Regular Meeting of the Lehigh County Authority Board of Directors was called to order at 12:01 p.m. on Monday, May 8, 2023, Chairman Brian Nagle presiding. The meeting was hybrid via in-person and video and audio advanced communication technology ("ACT"), using the Zoom internet application, including telephone option. 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 in-person or via ACT, using the Zoom internet application, including telephone option. A Roll Call of Board members present was taken. Brian Nagle, Amir Famili, Ted Lyons, Linda Rosenfeld, Norma Cusick, Kevin Baker, Jeff Morgan, Sean Ziller, and Marc Grammes were present for Roll Call, and remained for the duration of the meeting.

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

Chairman Nagle announced that the Board received their electronic and hard copies of the Board packet in advance and asked if anyone did not receive their copy of the packet. A copy of the packet is also available online.

Chairman Nagle announced there was an Executive Session held after the close of the April 24, 2023 meeting, and a second Executive Session held prior to the beginning of the May 8, 2023 meeting. Both Execution Sessions were to discuss legal matters with the Solicitor.

#### **REVIEW OF AGENDA**

Liesel Gross announced that there are no changes or additions to the agenda and no additional Executive Sessions are planned.

#### **APPROVAL OF MINUTES**

##### **April 24, 2023 Meeting Minutes**

On a motion by Linda Rosenfeld, seconded Sean Ziller, the Board approved the minutes of the April 24, 2023, Board meeting as written (9-0).

#### **PUBLIC COMMENTS**

None.

##### **Approval of Retention Agreement with Legal Counsel & Authorization to Initiate PFAS Litigation**

Solicitor Gaul provided a proposed Board Motion to authorize retention of legal counsel for the potential initiation of PFAS litigation.

On a motion by Linda Rosenfeld, seconded by Amir Famili, the Board authorized the CEO to execute with the Grant & Eisenhower Law Firm a retention agreement, substantially in the form provided to the Board, with such incidental changes approved by the CEO, in consultation with the Solicitor, for Grant & Eisenhower to represent the Authority in its review of potential litigation related to PFAS compounds detected in the Authority's water supply or impacts to its wastewater operations, with authorization for Grant & Eisenhower to file such litigation against PFAS manufacturers and sellers, or other responsible parties, upon the approval of the CEO (9-0).

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

Brian Nagle – yes  
Amir Famili – yes  
Ted Lyons – yes  
Linda Rosenfeld – yes  
Norma Cusick – yes  
Kevin Baker – yes  
Jeff Morgan – yes  
Sean Ziller – yes  
Marc Grammes – yes

**Regional Sewer Capacity & Wet-Weather Planning: Engineering & Program Support**

Phil DePoe introduced Chris Curran from AECOM. Together, Mr. DePoe and Mr. Curran presented an overview of the Kline's Island Sewer System (KISS) Act 537 Plan progress and the program management services provided by AECOM. The authorization is being requested to continue AECOM's role as program manager, including work to continue exploration of the Pretreatment Plant needs, coordination of efforts to evaluate options for the Kline's Island WWTP, evaluate the micro-tunneling option, and coordinate work by other consultants involved in the Final Alternatives Analysis.

Mr. Curran provided additional technical details and described the current focus areas of the project. He also reviewed non-financial considerations for the large interceptor that is needed along Martin Luther King Jr. Boulevard in Allentown, such as construction challenges, geological factors, permitting, and community drivers. There was some Board discussion regarding these challenges and the micro-tunneling option, and a review of AECOM's deliverables for this phase of work.

On a motion by Amir Famili, seconded by Linda Rosenfeld, the Board approved the Capital Project Authorization for the Regional Act 537 Plan Program Management, Planning Phase in the amount of \$445,510.00, which includes the Professional Services Authorization to AECOM, Regional Act 537 Plan Program Management, 2023 Amendment in the amount of \$405,510.00 (9-0).

**Pretreatment Plant (PTP) Electrical Study**

Chuck Volk gave an overview of the study, which was recommended in the PTP Master Plan that was completed in 2022 and presented to the Board in April. The study is recommended due to the age of the electrical system at the PTP, the critical nature of the system for facility performance and reliability, and the high cost of replacing aging electrical system components. The study will include a maintenance testing plan and a power system analysis. The power system analysis involves a short circuit study, an equipment and device evaluation, a protective device coordination study, arc flash analysis, and a power analysis report. Mr. Volk recommends Current Solutions to perform the study because of their qualifications and experience in assessing electrical systems at critical water and wastewater facilities, including prior review of the Kline's Island WWTP electrical substation project design.

There was Board discussion on the Authority's arc flash program, employee training, and other safety procedures. The Board requested the staff provide a deeper review of the Authority's arc flash program along with a full safety overview at a future Board meeting.

On a motion by Marc Grammes, seconded by Linda Rosenfeld, the Board approved the Professional Services Authorization to Current Solutions in the amount of \$72,000.00 (9-0).

**MONTHLY PROJECT UPDATES / INFORMATION ITEMS**

Liesel Gross provided highlights of the May 2023 report, noting items that would be addressed at the next meeting in May.

**STAFF COMMENTS**

None.

**SOLICITOR'S COMMENTS**

None.

**PUBLIC COMMENTS / OTHER COMMENTS**

None.

**BOARD MEMBER COMMENTS**

None.

**EXECUTIVE SESSION**

An Executive Session was held prior to the beginning of the regular meeting to discuss legal matters with the Solicitor.

**ADJOURNMENT**

There being no further business, the Chairman adjourned the meeting at 1:02 p.m.

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Linda A. Rosenfeld  
Secretary

**LEHIGH COUNTY AUTHORITY  
FINANCIAL STATEMENTS  
APRIL 2023**

LEHIGH COUNTY AUTHORITY  
 FINANCIAL STATEMENTS - SUMMARY  
 For the Period Ended April 30, 2023

	Consolidated Financial Statements														
	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
Income Statement															
Suburban Water	420,614	352,543	369,273	68,071	51,342	932,687	864,616	620,224	68,071	312,463	2,614,979	2,169,036	3,708,287	445,943	(1,093,308)
Suburban Wastewater	554,552	436,103	304,377	118,449	250,175	469,255	350,806	(83,897)	118,449	553,152	2,953,820	2,150,192	(613,540)	803,628	3,567,360
City Division	1,548,204	1,183,569	(376,953)	364,635	1,925,157	4,352,337	3,987,702	2,697,373	364,635	1,654,964	5,639,583	4,780,898	6,675,079	858,685	(1,035,496)
Total LCA	2,523,370	1,972,216	296,697	551,155	2,226,674	5,754,279	5,203,124	3,233,700	551,155	2,520,579	11,208,382	9,100,126	9,769,826	2,108,256	1,438,556
Cash Flow Statement															
Suburban Water	(57,123)	(97,420)	764,327	40,298	(821,449)	4,995,673	4,955,376	457,250	40,298	4,538,423	3,591,466	46,653	480,110	3,544,813	3,111,356
Suburban Wastewater	(431,690)	(570,261)	(2,258,469)	138,571	1,826,779	2,122,037	1,983,467	(1,472,675)	138,571	3,594,712	1,595,806	762,612	1,359,980	833,194	235,826
City Division	269,280	(496,954)	1,920,167	766,235	(1,650,887)	7,224,777	6,458,543	5,803,812	766,235	1,420,965	2,701,439	2,671,275	2,809,215	30,165	(107,776)
Total LCA	(219,533)	(1,164,636)	426,024	945,103	(645,557)	14,342,488	13,397,385	4,788,387	945,103	9,554,101	7,888,711	3,480,540	4,649,305	4,408,172	3,239,406
Debt Service Coverage Ratio															
Suburban Water	2.71	2.40	2.76	0.31	(0.05)	2.04	1.97	1.94	0.08	0.11	2.00	1.83	2.66	0.17	(0.66)
Suburban Wastewater	17.92	15.65	13.96	2.27	3.96	10.72	10.14	8.64	0.58	2.08	12.82	11.69	9.49	1.13	3.33
City Division	2.66	2.46	1.21	0.21	1.46	2.30	2.25	2.10	0.05	0.20	2.13	2.10	2.41	0.03	(0.27)

LEHIGH COUNTY AUTHORITY  
CONSOLIDATED FINANCIAL STATEMENTS  
For the Period Ended April 30, 2023

STATEMENTS OF ACTIVITIES	Consolidated Financial Statements															
	Month				Year To Date				Q2 FULL YEAR FORECAST				Full Year Budget			
	Sub W	Sub WW	City	LCA	Sub W	Sub WW	City	LCA	Sub W	Sub WW	City	LCA	Sub W	Sub WW	City	LCA
<b>Operating Revenues:</b>																
User Charges	1,496,349	2,099,400	4,606,234	8,201,983	5,223,053	5,841,440	16,538,945	27,603,438	16,629,229	21,872,161	50,920,863	89,422,253	16,287,500	21,822,513	50,680,860	88,790,873
Connection & System Charges	47,467	8,309	172,708	228,485	170,109	769,474	1,028,352	1,967,935	674,845	1,548,394	4,141,220	6,364,460	680,700	875,600	4,096,600	5,652,900
Other Miscellaneous Revenues	26,716	15	27,175	53,907	33,866	220	48,959	83,045	38,693	2,418	87,440	128,551	31,800	2,300	69,300	103,400
<b>Total Operating Revenues</b>	<b>1,570,533</b>	<b>2,107,725</b>	<b>4,806,117</b>	<b>8,484,375</b>	<b>5,427,028</b>	<b>6,611,133</b>	<b>17,616,256</b>	<b>29,654,417</b>	<b>17,342,768</b>	<b>23,422,973</b>	<b>55,149,523</b>	<b>95,915,264</b>	<b>17,000,000</b>	<b>22,700,413</b>	<b>54,846,760</b>	<b>94,547,173</b>
<b>Operating Expenses:</b>																
Personnel	313,362	132,713	879,092	1,325,167	1,276,728	556,337	3,596,256	5,429,322	3,924,430	1,757,829	12,853,656	18,535,915	3,838,376	1,739,145	12,818,583	18,396,104
Shared Services - General & Administrative	75,326	32,131	206,493	313,950	246,462	107,364	691,773	1,045,599	845,837	354,263	2,230,197	3,430,296	847,837	353,525	2,197,452	3,398,813
Utilities	43,800	16,534	58,990	119,323	175,981	76,563	765,199	1,017,743	441,985	261,924	1,974,039	2,677,949	516,389	312,787	2,018,173	2,847,348
Materials and Supplies	46,303	44,713	275,574	366,590	210,084	133,803	927,099	1,270,985	824,111	345,568	2,803,038	3,972,717	887,370	324,100	2,621,000	3,832,470
Miscellaneous Services	351,436	604,397	131,506	1,087,339	1,282,460	2,287,975	437,844	4,008,280	4,576,590	7,241,895	2,165,637	13,984,122	4,610,690	7,212,206	2,112,700	13,935,596
Treatment and Transportation	-	252,516	-	252,516	-	1,002,516	-	1,002,516	-	4,274,578	14,318	4,288,896	-	4,293,345	14,318	4,307,663
Depreciation and Amortization	258,527	519,616	517,210	1,295,354	1,025,996	2,079,033	2,063,403	5,168,432	3,187,084	6,226,612	6,193,896	15,607,592	3,023,000	6,221,900	6,160,000	15,404,900
Major Maintenance Expenses	-	7	34,242	34,249	-	2,585	65,238	67,823	-	24,504	3,766,587	3,791,090	-	25,200	4,000,000	4,025,200
Other Miscellaneous	-	-	-	-	-	-	-	-	41,600	-	-	41,600	41,600	-	-	41,600
<b>Total Operating Expenses</b>	<b>1,088,754</b>	<b>1,602,627</b>	<b>2,103,107</b>	<b>4,794,488</b>	<b>4,217,711</b>	<b>6,246,177</b>	<b>8,546,812</b>	<b>19,010,699</b>	<b>13,841,637</b>	<b>20,487,173</b>	<b>32,001,367</b>	<b>66,330,177</b>	<b>13,765,262</b>	<b>20,482,207</b>	<b>31,942,225</b>	<b>66,189,694</b>
<b>Net Operating Profit</b>	<b>481,779</b>	<b>505,098</b>	<b>2,703,010</b>	<b>3,689,887</b>	<b>1,209,317</b>	<b>364,957</b>	<b>9,069,444</b>	<b>10,643,718</b>	<b>3,501,131</b>	<b>2,935,800</b>	<b>23,148,156</b>	<b>29,585,087</b>	<b>3,234,738</b>	<b>2,218,206</b>	<b>22,904,535</b>	<b>28,357,479</b>
<b>Non-Operating Income (Expense)</b>																
Interest Income	28,911	41,254	254,682	324,847	90,061	121,301	919,840	1,131,202	119,209	157,281	581,693	858,184	64,782	85,128	128,661	278,572
Interest (Expense)	(95,473)	(13,208)	(1,409,488)	(1,518,169)	(380,429)	(53,555)	(5,636,947)	(6,070,931)	(1,013,702)	(154,405)	(18,090,266)	(19,258,373)	(1,130,484)	(153,143)	(18,252,298)	(19,535,925)
Other Miscellaneous	5,398	21,408	-	26,805	13,738	36,551	-	50,290	8,340	15,144	-	23,484	-	-	-	-
<b>Net Non-Operating Income (Expense)</b>	<b>(61,164)</b>	<b>49,454</b>	<b>(1,154,806)</b>	<b>(1,166,516)</b>	<b>(276,630)</b>	<b>104,298</b>	<b>(4,717,107)</b>	<b>(4,889,439)</b>	<b>(886,152)</b>	<b>18,020</b>	<b>(17,508,573)</b>	<b>(18,376,705)</b>	<b>(1,065,702)</b>	<b>(68,015)</b>	<b>(18,123,637)</b>	<b>(19,257,353)</b>
<b>Net Income (Loss)</b>	<b>420,614</b>	<b>554,552</b>	<b>1,548,204</b>	<b>2,523,370</b>	<b>932,687</b>	<b>469,255</b>	<b>4,352,337</b>	<b>5,754,279</b>	<b>2,614,979</b>	<b>2,953,820</b>	<b>5,639,583</b>	<b>11,208,382</b>	<b>2,169,036</b>	<b>2,150,192</b>	<b>4,780,898</b>	<b>9,100,126</b>
<b>CASH FLOW STATEMENT</b>																
<b>Cash Flows From Operating Activities</b>																
Operating Revenues	1,570,533	2,107,725	4,806,117	8,484,375	5,427,028	6,611,133	17,616,256	29,654,417	17,342,768	23,422,973	55,149,523	95,915,264	17,000,000	22,700,413	54,846,760	94,547,173
Operating Expenses (ex D&A)	(830,227)	(1,083,004)	(1,551,654)	(3,464,885)	(3,191,715)	(4,164,558)	(6,418,171)	(13,774,444)	(10,654,553)	(14,236,058)	(22,040,884)	(46,931,495)	(10,742,262)	(14,235,107)	(21,782,225)	(46,759,594)
Non-Cash Working Capital Changes	(471,151)	(1,280,131)	(2,054,600)	(3,805,882)	(2,797,395)	(1,857,537)	(2,404,976)	(7,059,908)	(19,673)	(2,037,118)	(753,891)	(2,810,683)	(0)	(25,200)	0	(25,200)
<b>Net Cash Provided by (Used in) Operating Activities</b>	<b>269,155</b>	<b>(255,410)</b>	<b>1,199,863</b>	<b>1,213,608</b>	<b>(562,081)</b>	<b>589,038</b>	<b>8,793,109</b>	<b>8,820,066</b>	<b>6,668,542</b>	<b>7,149,797</b>	<b>32,354,748</b>	<b>46,173,086</b>	<b>6,257,738</b>	<b>8,440,106</b>	<b>33,064,535</b>	<b>47,762,379</b>
<b>Cash Flows From Financing Activities</b>																
Capital Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Proceeds New Borrowing	-	-	-	-	6,950,000	-	-	6,950,000	6,950,000	-	1,400,000	8,350,000	3,950,000	-	1,200,000	5,150,000
Interest Payments	(967)	(12,454)	-	(13,421)	(3,916)	(50,455)	-	(54,371)	(1,130,039)	(152,170)	(11,788,844)	(13,071,053)	(1,130,484)	(153,143)	(11,788,844)	(13,072,471)
Principal Payments	(6,275)	(47,783)	(680,590)	(734,648)	(25,053)	(190,550)	(680,590)	(896,193)	(2,301,775)	(576,067)	(3,342,077)	(6,219,919)	(2,344,383)	(575,980)	(3,342,077)	(6,262,440)
<b>Net Cash Provided by (Used in) Financing Activities</b>	<b>(7,243)</b>	<b>(60,236)</b>	<b>(680,590)</b>	<b>(748,069)</b>	<b>6,921,030</b>	<b>(241,004)</b>	<b>(680,590)</b>	<b>5,999,436</b>	<b>3,518,186</b>	<b>(728,237)</b>	<b>(13,730,921)</b>	<b>(10,940,972)</b>	<b>475,133</b>	<b>(729,123)</b>	<b>(13,930,921)</b>	<b>(14,184,911)</b>
<b>Cash Flows from Capital and Related Activities</b>																
Non-Operating Income (Expenses)	5,398	21,408	-	26,805	13,738	36,551	-	50,290	8,340	15,144	(1,400,000)	(1,376,515)	-	-	(1,400,000)	(1,400,000)
Capital Expenditures, net	(353,344)	(178,706)	(504,675)	(1,036,724)	(1,472,075)	(408,023)	(1,807,582)	(3,687,680)	(6,727,811)	(7,022,354)	(15,104,081)	(28,854,246)	(6,751,000)	(7,033,500)	(15,191,000)	(28,975,500)
<b>Net Cash Provided By (Used In) Capital and Related Activities</b>	<b>(347,946)</b>	<b>(157,298)</b>	<b>(504,675)</b>	<b>(1,009,919)</b>	<b>(1,458,337)</b>	<b>(371,472)</b>	<b>(1,807,582)</b>	<b>(3,637,390)</b>	<b>(6,719,471)</b>	<b>(7,007,210)</b>	<b>(16,504,081)</b>	<b>(30,230,761)</b>	<b>(6,751,000)</b>	<b>(7,033,500)</b>	<b>(16,591,000)</b>	<b>(30,375,500)</b>
<b>Cash Flows From Investing Activities</b>																
Investments Converting To Cash	-	245,000	-	245,000	494,000	4,146,174	-	4,640,174	494,000	3,901,174	-	4,395,174	-	-	-	-
Purchased Investments	-	(245,000)	-	(245,000)	(489,000)	(2,122,000)	-	(2,611,000)	(489,000)	(1,877,000)	-	(2,366,000)	-	-	-	-
Interest Income	28,911	41,254	254,682	324,847	90,061	121,301	919,840	1,131,202	119,209	157,281	581,693	858,184	64,782	85,128	128,661	278,572
<b>Net Cash Provided By (Used In) Investing Activities</b>	<b>28,911</b>	<b>41,254</b>	<b>254,682</b>	<b>324,847</b>	<b>95,061</b>	<b>2,145,475</b>	<b>919,840</b>	<b>3,160,376</b>	<b>124,209</b>	<b>2,181,455</b>	<b>581,693</b>	<b>2,887,358</b>	<b>64,782</b>	<b>85,128</b>	<b>128,661</b>	<b>278,572</b>
<b>FUND NET CASH FLOWS</b>	<b>(57,123)</b>	<b>(431,690)</b>	<b>269,280</b>	<b>(219,533)</b>	<b>4,995,673</b>	<b>2,122,037</b>	<b>7,224,777</b>	<b>14,342,488</b>	<b>3,591,466</b>	<b>1,595,806</b>	<b>2,701,439</b>	<b>7,888,711</b>	<b>46,653</b>	<b>762,612</b>	<b>2,671,275</b>	<b>3,480,540</b>
<b>DEBT SERVICE RATIO</b>																
<b>Debt Service Ratio (Indenture Based)</b>																
Total Operating Revenues	1,496,349	2,099,400	4,606,234	8,201,983	5,223,053	5,841,440	16,538,945	27,603,438	16,629,229	21,872,161	50,920,863	89,422,253	16,287,500	21,822,513	50,680,860	88,790,873
Total Operating Expenses (Cash Based)	(830,227)	(1,083,011)	(1,585,896)	(3,499,134)	(3,191,715)	(4,167,143)	(6,483,409)	(13,842,267)	(10,654,553)	(14,260,561)	(22,040,884)	(46,959,999)	(10,742,262)	(14,260,307)	(21,782,225)	(46,784,794)
Interest Income	28,911	41,254	254,682	324,847	90,061	121,301	919,840	1,131,202	119,209	157,281	581,693	858,184	64,782	85,128	128,661	278,572
Annual Lease Payment (City)	-	-	(116,667)	(116,667)	-	-	(466,667)	(466,667)	-	-	(1,400,000)	(1,400,000)	-	-	(1,400,000)	(1,400,000)
Total Non-Operating Revenues (Expenses)	79,581	29,732	199,883	309,197	217,714	806,245	1,077,311	2,101,269	763,479	1,565,956	4,228,660	6,558,095	754,100	877,900	4,165,900	5,797,900
<b>Cash Available For Debt Service</b>	<b>774,615</b>	<b>1,087,376</b>	<b>3,358,236</b>	<b>5,220,227</b>	<b>2,339,112</b>	<b>2,601,843</b>	<b>11,586,021</b>	<b>16,526,976</b>	<b>6,857,364</b>	<b>9,334,836</b>	<b>32,290,333</b>	<b>48,482,534</b>	<b>6,364,120</b>	<b>8,525,235</b>	<b>31,793,196</b>	<b>46,682,551</b>
Interest Paid	94,170	12,681	982,404	1,089,254	376,680	50,723	3,929,615	4,357,018	1,130,039	152,170	11,788,844	13,071,053	1,130,484	153,143	11,788,844	13,072,471
Debt Retirement (Principal Payments)	191,815	48,006	278,506	518,327	767,258	192,022	1,114,026	2,073,306	2,301,775	576,067	3,342,077	6,219,919	2,344,383	575,980	3,342,077	6,262,440
<b>Total Debt Service</b>	<b>285,984</b>	<b>60,686</b>	<b>1,260,910</b>	<b>1,607,581</b>	<b>1,143,938</b>	<b>242,746</b>	<b>5,043,640</b>	<b>6,430,324</b>	<b>3,431,814</b>	<b>728,237</b>	<b>15,130,921</b>	<b>19,290,972</b>	<b>3,474,867</b>	<b>729,123</b>	<b>15,130,921</b>	<b>19,334,911</b>
<b>Debt Service Ratio</b>	<b>2.71</b>	<b>17.92</b>	<b>2.66</b>	<b>3.25</b>	<b>2.04</b>	<b>10.72</b>	<b>2.30</b>	<b>2.57</b>	<b>2.00</b>	<b>12.82</b>	<b>2.13</b>	<b>2.51</b>	<b>1.83</b>	<b>11.69</b>	<b>2.10</b>	<b>2.41</b>



**LEHIGH COUNTY AUTHORITY**  
**FINANCIAL STATEMENTS - SUBURBAN WATER**  
**For the Period Ended April 30, 2023**

STATEMENTS OF ACTIVITIES	Suburban - Water														
	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
<b>Operating Revenues:</b>															
User Charges	1,496,349	1,481,332	1,438,565	15,017	57,784	5,223,053	5,208,036	4,715,524	15,017	507,529	16,629,229	16,287,500	15,788,461	341,729	840,768
Connection & System Charges	47,467	17,492	(35,919)	29,975	83,386	170,109	140,134	84,748	29,975	85,361	674,845	680,700	652,881	(5,855)	21,965
Other Miscellaneous Revenues	26,716	97	2,160	26,620	24,556	33,866	7,247	7,905	26,620	25,961	38,693	31,800	710,985	6,893	(672,292)
<b>Total Operating Revenues</b>	<b>1,570,533</b>	<b>1,498,921</b>	<b>1,404,807</b>	<b>71,612</b>	<b>165,726</b>	<b>5,427,028</b>	<b>5,355,417</b>	<b>4,808,177</b>	<b>71,612</b>	<b>618,851</b>	<b>17,342,768</b>	<b>17,000,000</b>	<b>17,152,327</b>	<b>342,768</b>	<b>190,441</b>
<b>Operating Expenses:</b>															
Personnel	313,362	293,451	267,549	(19,910)	(45,813)	1,276,728	1,256,818	1,065,300	(19,910)	(211,428)	3,924,430	3,838,376	3,377,883	(86,054)	(546,547)
Shared Services - General & Administrative	75,326	69,242	44,877	(6,084)	(30,449)	246,462	240,377	157,090	(6,084)	(89,372)	845,837	847,837	549,501	2,000	(296,336)
Utilities	43,800	38,350	35,796	(5,450)	(8,004)	175,981	170,531	228,623	(5,450)	52,642	441,985	516,389	481,998	74,404	40,014
Materials and Supplies	46,303	71,017	69,590	24,714	23,287	210,084	234,798	298,107	24,714	88,024	824,111	887,370	864,220	63,259	40,109
Miscellaneous Services	351,436	343,443	267,699	(7,994)	(83,737)	1,282,460	1,274,466	1,028,582	(7,994)	(253,878)	4,576,590	4,610,690	3,654,426	34,100	(922,164)
Treatment and Transportation															
Depreciation and Amortization	258,527	199,705	248,204	(58,822)	(10,323)	1,025,996	967,174	998,123	(58,822)	(27,874)	3,187,084	3,023,000	3,757,142	(164,084)	570,058
Major Maintenance Expenses	-	-	358	-	358	-	-	2,802	-	2,802	-	-	-	-	-
Other Miscellaneous	-	-	-	-	-	-	-	-	-	-	41,600	41,600	156,699	-	115,099
<b>Total Operating Expenses</b>	<b>1,088,754</b>	<b>1,015,208</b>	<b>934,073</b>	<b>(73,546)</b>	<b>(154,681)</b>	<b>4,217,711</b>	<b>4,144,165</b>	<b>3,778,627</b>	<b>(73,546)</b>	<b>(438,084)</b>	<b>13,841,637</b>	<b>13,765,262</b>	<b>12,841,869</b>	<b>(76,375)</b>	<b>(999,768)</b>
<b>Net Operating Profit</b>	<b>481,779</b>	<b>483,713</b>	<b>470,734</b>	<b>(1,934)</b>	<b>11,045</b>	<b>1,209,317</b>	<b>1,211,252</b>	<b>1,029,550</b>	<b>(1,934)</b>	<b>179,767</b>	<b>3,501,131</b>	<b>3,234,738</b>	<b>4,310,458</b>	<b>266,393</b>	<b>(809,327)</b>
<b>Non-Operating Income (Expense)</b>															
Interest Income	28,911	2,359	3,767	26,552	25,144	90,061	63,509	14,503	26,552	75,558	119,209	64,782	103,451	54,427	15,759
Interest (Expense)	(95,473)	(133,529)	(100,061)	38,056	4,588	(380,429)	(418,485)	(401,105)	38,056	20,676	(1,013,702)	(1,130,484)	(847,133)	116,782	(166,568)
Other Miscellaneous	5,398	-	(5,168)	5,398	10,565	13,738	8,340	(22,724)	5,398	36,462	8,340	-	141,512	8,340	(133,171)
<b>Net Non-Operating Income (Expense)</b>	<b>(61,164)</b>	<b>(131,170)</b>	<b>(101,461)</b>	<b>70,006</b>	<b>40,297</b>	<b>(276,630)</b>	<b>(346,636)</b>	<b>(409,326)</b>	<b>70,006</b>	<b>132,696</b>	<b>(886,152)</b>	<b>(1,065,702)</b>	<b>(602,171)</b>	<b>179,550</b>	<b>(283,981)</b>
<b>Net Income (Loss)</b>	<b>420,614</b>	<b>352,543</b>	<b>369,273</b>	<b>68,071</b>	<b>51,342</b>	<b>932,687</b>	<b>864,616</b>	<b>620,224</b>	<b>68,071</b>	<b>312,463</b>	<b>2,614,979</b>	<b>2,169,036</b>	<b>3,708,287</b>	<b>445,943</b>	<b>(1,093,308)</b>
<b>CASH FLOW STATEMENT</b>															
<b>Cash Flows From Operating Activities</b>															
Operating Revenues	1,570,533	1,498,921	1,404,807	71,612	165,726	5,427,028	5,355,417	4,808,177	71,612	618,851	17,342,768	17,000,000	17,152,327	342,768	190,441
Operating Expenses (ex D&A)	(830,227)	(815,503)	(685,869)	(14,724)	(144,358)	(3,191,715)	(3,176,991)	(2,780,504)	(14,724)	(411,211)	(10,654,553)	(10,742,262)	(9,084,727)	87,709	(1,569,826)
Non-Cash Working Capital Changes	(471,151)	(406,000)	324,847	(65,151)	(795,998)	(2,797,395)	(2,732,244)	(650,289)	(65,151)	(2,147,106)	(19,673)	(0)	1,591,761	(19,673)	(1,611,434)
<b>Net Cash Provided by (Used in) Operating Activities</b>	<b>269,155</b>	<b>277,418</b>	<b>1,043,785</b>	<b>(8,263)</b>	<b>(774,630)</b>	<b>(562,081)</b>	<b>(553,818)</b>	<b>1,377,384</b>	<b>(8,263)</b>	<b>(1,939,466)</b>	<b>6,668,542</b>	<b>6,257,738</b>	<b>9,659,360</b>	<b>410,804</b>	<b>(2,990,819)</b>
<b>Cash Flows From Financing Activities</b>															
Capital Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Proceeds New Borrowing	-	-	-	-	-	6,950,000	6,950,000	-	-	6,950,000	6,950,000	3,950,000	-	3,000,000	6,950,000
Interest Payments	(967)	(1,069)	(1,135)	102	168	(3,916)	(4,018)	(4,738)	102	822	(1,130,039)	(1,130,484)	(1,200,136)	445	70,097
Principal Payments	(6,275)	(20,543)	(16,870)	14,267	10,595	(25,053)	(39,321)	(67,280)	14,267	42,227	(2,301,775)	(2,344,383)	(1,925,231)	42,608	(376,544)
<b>Net Cash Provided by (Used in) Financing Activities</b>	<b>(7,243)</b>	<b>(21,611)</b>	<b>(18,005)</b>	<b>14,369</b>	<b>10,762</b>	<b>6,921,030</b>	<b>6,906,661</b>	<b>(72,019)</b>	<b>14,369</b>	<b>6,993,049</b>	<b>3,518,186</b>	<b>475,133</b>	<b>(3,125,367)</b>	<b>3,043,053</b>	<b>6,643,553</b>
<b>Cash Flows from Capital and Related Activities</b>															
Non-Operating Income (Expenses)	5,398	-	(5,168)	5,398	10,565	13,738	8,340	(22,724)	5,398	36,462	8,340	-	(112,090)	8,340	120,431
Capital Expenditures, net	(353,344)	(355,586)	(260,054)	2,243	(93,290)	(1,472,075)	(1,474,317)	(839,895)	2,243	(632,180)	(6,727,811)	(6,751,000)	(6,051,243)	23,189	(676,568)
<b>Net Cash Provided By (Used In) Capital and Related Activities</b>	<b>(347,946)</b>	<b>(355,586)</b>	<b>(265,221)</b>	<b>7,640</b>	<b>(82,725)</b>	<b>(1,458,337)</b>	<b>(1,465,977)</b>	<b>(862,618)</b>	<b>7,640</b>	<b>(595,718)</b>	<b>(6,719,471)</b>	<b>(6,751,000)</b>	<b>(6,163,334)</b>	<b>31,529</b>	<b>(556,137)</b>
<b>Cash Flows From Investing Activities</b>															
Investments Converting To Cash	-	-	-	-	-	494,000	494,000	249,000	-	245,000	494,000	-	990,000	494,000	(496,000)
Purchased Invesments	-	-	-	-	-	(489,000)	(489,000)	(249,000)	-	(240,000)	(489,000)	-	(984,000)	(489,000)	495,000
Interest Income	28,911	2,359	3,767	26,552	25,144	90,061	63,509	14,503	26,552	75,558	119,209	64,782	103,451	54,427	15,759
<b>Net Cash Provided By (Used In) Investing Activities</b>	<b>28,911</b>	<b>2,359</b>	<b>3,767</b>	<b>26,552</b>	<b>25,144</b>	<b>95,061</b>	<b>68,509</b>	<b>14,503</b>	<b>26,552</b>	<b>80,558</b>	<b>124,209</b>	<b>64,782</b>	<b>109,451</b>	<b>59,427</b>	<b>14,759</b>
<b>FUND NET CASH FLOWS</b>	<b>(57,123)</b>	<b>(97,420)</b>	<b>764,327</b>	<b>40,298</b>	<b>(821,449)</b>	<b>4,995,673</b>	<b>4,955,376</b>	<b>457,250</b>	<b>40,298</b>	<b>4,538,423</b>	<b>3,591,466</b>	<b>46,653</b>	<b>480,110</b>	<b>3,544,813</b>	<b>3,111,356</b>
<b>DEBT SERVICE RATIO</b>															
<b>Debt Service Ratio (Indenture Based)</b>															
User Charges	1,496,349	1,481,332	1,438,565	15,017	57,784	5,223,053	5,208,036	4,715,524	15,017	507,529	16,629,229	16,287,500	15,788,461	341,729	840,768
Operating Expenses (Cash Based)	(830,227)	(815,503)	(685,869)	(14,724)	(144,358)	(3,191,715)	(3,176,991)	(2,780,504)	(14,724)	(411,211)	(10,654,553)	(10,742,262)	(9,084,727)	87,709	(1,569,826)
Interest Income	28,911	2,359	3,767	26,552	25,144	90,061	63,509	14,503	26,552	75,558	119,209	64,782	103,451	54,427	15,759
Annual Lease Payment (City)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Operating Revenues (Expenses)	79,581	17,589	(38,926)	61,992	118,507	217,714	155,721	69,929	61,992	147,784	763,479	754,100	1,505,377	9,379	(741,899)
<b>Cash Available For Debt Service</b>	<b>774,615</b>	<b>685,777</b>	<b>717,537</b>	<b>88,837</b>	<b>57,077</b>	<b>2,339,112</b>	<b>2,250,275</b>	<b>2,019,452</b>	<b>88,837</b>	<b>319,660</b>	<b>6,857,364</b>	<b>6,364,120</b>	<b>8,312,562</b>	<b>493,244</b>	<b>(1,455,198)</b>
Interest Paid	94,170	94,170	100,011	-	(5,841)	376,680	376,680	400,045	-	(23,366)	1,130,039	1,130,484	1,200,136	(445)	(70,097)
Debt Retirement (Principal Payments)	191,815	191,815	160,436	-	31,379	767,258	767,258	641,744	-	125,515	2,301,775	2,344,383	1,925,231	(42,608)	376,544
<b>Total Debt Service</b>	<b>285,984</b>	<b>285,984</b>	<b>260,447</b>	<b>-</b>	<b>25,537</b>	<b>1,143,938</b>	<b>1,143,938</b>	<b>1,041,789</b>	<b>-</b>	<b>102,149</b>	<b>3,431,814</b>	<b>3,474,867</b>	<b>3,125,367</b>	<b>(43,053)</b>	<b>306,447</b>
<b>Debt Service Ratio</b>	<b>2.71</b>	<b>2.40</b>	<b>2.76</b>	<b>0.31</b>	<b>(0.05)</b>	<b>2.04</b>	<b>1.97</b>	<b>1.94</b>	<b>0.08</b>	<b>0.11</b>	<b>2.00</b>	<b>1.83</b>	<b>2.66</b>	<b>0.17</b>	<b>(0.66)</b>

**LEHIGH COUNTY AUTHORITY**  
**VARIANCE ANALYSIS - YTD**  
**For the Period Ended April 30, 2023**

**STATEMENTS OF ACTIVITIES**

**Operating Revenues:**

User Charges  
Connection & System Charges  
Other Miscellaneous Revenues

**Total Operating Revenues**

**Operating Expenses:**

Personnel  
Shared Services - General & Administrative  
Utilities  
Materials and Supplies  
Miscellaneous Services  
Treatment and Transportation  
Depreciation and Amortization  
Major Maintenance Expenses  
Other Miscellaneous

**Total Operating Expenses**

**Net Operating Profit**

**Non-Operating Income (Expense)**

Interest Income  
Interest (Expense)  
Other Miscellaneous

**Net Non-Operating Income (Expense)**

**Net Income (Loss)**

Suburban - Water				
Actual	Q2 FC	FC Var	Comments	
5,223,053	5,208,036	15,017	Higher meter revenues	
170,109	140,134	29,975		
33,866	7,247	26,620		
<b>5,427,028</b>	<b>5,355,417</b>	<b>71,612</b>	<b>Slightly higher user charges and higher system/other charges</b>	
1,276,728	1,256,818	(19,910)		
246,462	240,377	(6,084)		
175,981	170,531	(5,450)		
210,084	234,798	24,714		
1,282,460	1,274,466	(7,994)		
-	-	-		
1,025,996	967,174	(58,822)		
-	-	-		
-	-	-		
-	-	-		
<b>4,217,711</b>	<b>4,144,165</b>	<b>(73,546)</b>	<b>Slightly unfavorable discretionary spending along with higher D&amp;A</b>	
<b>1,209,317</b>	<b>1,211,252</b>	<b>(1,934)</b>	<b>Higher operating expenses almost offset by higher operating revenues</b>	
90,061	63,509	26,552		
(380,429)	(418,485)	38,056		
13,738	8,340	5,398		
<b>(276,630)</b>	<b>(346,636)</b>	<b>70,006</b>		
<b>932,687</b>	<b>864,616</b>	<b>68,071</b>	<b>Slightly lower operating profit more than offset by higher interest income and lower interest expense</b>	

**CASH FLOW STATEMENT**

**Cash Flows From Operating Activities**

Operating Revenues  
Operating Expenses (ex D&A)  
Non-Cash Working Capital Changes

**Net Cash Provided by (Used in) Operating Activities**

**Cash Flows From Financing Activities**

Capital Contributions  
Proceeds New Borrowing  
Interest Payments  
Principal Payments

**Net Cash Provided by (Used in) Financing Activities**

**Cash Flows from Capital and Related Activities**

Non-Operating Income (Expenses)  
Capital Expenditures, net

**Net Cash Provided By (Used In) Capital and Related Activities**

**Cash Flows From Investing Activities**

Investments Converting To Cash  
Purchased Investments  
Interest Income

**Net Cash Provided By (Used In) Investing Activities**

**FUND NET CASH FLOWS**

5,427,028	5,355,417	71,612		
(3,191,715)	(3,176,991)	(14,724)		
(2,797,395)	(2,732,244)	(65,151)		
<b>(562,081)</b>	<b>(553,818)</b>	<b>(8,263)</b>	<b>Higher operating revenues more than offset by higher discretionary operating expenses along with unfavorable working capital movements</b>	
-	-	-		
6,950,000	6,950,000	-		
(3,916)	(4,018)	102		
(25,053)	(39,321)	14,267		
<b>6,921,030</b>	<b>6,906,661</b>	<b>14,369</b>		
13,738	8,340	5,398		
(1,472,075)	(1,474,317)	2,243		
<b>(1,458,337)</b>	<b>(1,465,977)</b>	<b>7,640</b>		
494,000	494,000	-		
(489,000)	(489,000)	-		
90,061	63,509	26,552		
<b>95,061</b>	<b>68,509</b>	<b>26,552</b>		
<b>4,995,673</b>	<b>4,955,376</b>	<b>40,298</b>	<b>Slightly lower cash from operations aided by lower debt service, lower cape, and higher interest income</b>	

LEHIGH COUNTY AUTHORITY  
FINANCIAL STATEMENTS - SUBURBAN WASTEWATER  
For the Period Ended April 30, 2023

STATEMENTS OF ACTIVITIES	Suburban - Wastewater														
	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
Operating Revenues:															
User Charges	2,099,400	2,082,173	1,693,326	17,227	406,074	5,841,440	5,824,212	5,311,401	17,227	530,039	21,872,161	21,822,513	15,030,893	49,648	6,841,268
Connection & System Charges	8,309	15,658	60,068	(7,348)	(51,758)	769,474	776,822	399,075	(7,348)	370,398	1,548,394	875,600	3,319,169	672,794	(1,770,775)
Other Miscellaneous Revenues	15	-	-	15	15	220	205	60	15	160	2,418	2,300	1,586	118	832
<b>Total Operating Revenues</b>	<b>2,107,725</b>	<b>2,097,831</b>	<b>1,753,394</b>	<b>9,894</b>	<b>354,331</b>	<b>6,611,133</b>	<b>6,601,239</b>	<b>5,710,536</b>	<b>9,894</b>	<b>900,597</b>	<b>23,422,973</b>	<b>22,700,413</b>	<b>18,351,647</b>	<b>722,560</b>	<b>5,071,326</b>
Operating Expenses:															
Personnel	132,713	141,005	120,670	8,292	(12,043)	556,337	564,630	457,679	8,292	(98,659)	1,757,829	1,739,145	1,401,342	(18,684)	(356,487)
Shared Services - General & Administrative	32,131	31,568	20,078	(563)	(12,053)	107,364	106,801	67,459	(563)	(39,906)	354,263	353,525	224,850	(738)	(129,413)
Utilities	16,534	20,298	17,643	3,765	1,109	76,563	80,327	114,026	3,765	37,463	261,924	312,787	271,864	50,862	9,940
Materials and Supplies	44,713	27,517	27,138	(17,196)	(17,575)	133,803	116,606	99,012	(17,196)	(34,791)	345,568	324,100	339,718	(21,468)	(5,851)
Miscellaneous Services	604,397	559,548	491,293	(44,848)	(113,104)	2,287,975	2,243,127	1,944,954	(44,848)	(343,022)	7,241,895	7,212,206	6,500,348	(29,689)	(741,547)
Treatment and Transportation	252,516	367,562	238,553	115,046	(13,963)	1,002,516	1,117,562	928,553	115,046	(73,963)	4,274,578	4,293,345	2,846,200	18,767	(1,428,378)
Depreciation and Amortization	519,616	501,636	499,712	(17,981)	(19,904)	2,079,033	2,061,053	2,048,456	(17,981)	(30,578)	6,226,612	6,221,900	7,104,631	(4,712)	878,019
Major Maintenance Expenses	7	3,508	3,504	3,501	3,497	2,585	6,086	6,774	3,501	4,190	24,504	25,200	-	696	(24,504)
Other Miscellaneous	-	-	-	-	-	-	-	-	-	-	-	-	86,524	-	86,524
<b>Total Operating Expenses</b>	<b>1,602,627</b>	<b>1,652,642</b>	<b>1,418,591</b>	<b>50,015</b>	<b>(184,036)</b>	<b>6,246,177</b>	<b>6,296,192</b>	<b>5,666,912</b>	<b>50,015</b>	<b>(579,264)</b>	<b>20,487,173</b>	<b>20,482,207</b>	<b>18,775,478</b>	<b>(4,967)</b>	<b>(1,711,696)</b>
<b>Net Operating Profit</b>	<b>505,098</b>	<b>445,189</b>	<b>334,803</b>	<b>59,909</b>	<b>170,295</b>	<b>364,957</b>	<b>305,047</b>	<b>43,624</b>	<b>59,909</b>	<b>321,333</b>	<b>2,935,800</b>	<b>2,218,206</b>	<b>(423,830)</b>	<b>717,594</b>	<b>3,359,630</b>
Non-Operating Income (Expense)															
Interest Income	41,254	3,033	4,642	38,221	36,613	121,301	83,080	16,722	38,221	104,579	157,281	85,128	130,271	72,153	27,010
Interest (Expense)	(13,208)	(12,118)	(14,713)	(1,089)	1,505	(53,555)	(52,465)	(62,167)	(1,089)	8,612	(154,405)	(153,143)	(185,934)	(1,262)	31,529
Other Miscellaneous	21,408	-	(20,354)	21,408	41,762	36,551	15,144	(82,076)	21,408	118,628	15,144	-	(134,047)	15,144	149,190
<b>Net Non-Operating Income (Expense)</b>	<b>49,454</b>	<b>(9,085)</b>	<b>(30,426)</b>	<b>58,539</b>	<b>79,880</b>	<b>104,298</b>	<b>45,759</b>	<b>(127,521)</b>	<b>58,539</b>	<b>231,819</b>	<b>18,020</b>	<b>(68,015)</b>	<b>(189,710)</b>	<b>86,034</b>	<b>207,730</b>
<b>Net Income (Loss)</b>	<b>554,552</b>	<b>436,103</b>	<b>304,377</b>	<b>118,449</b>	<b>250,175</b>	<b>469,255</b>	<b>350,806</b>	<b>(83,897)</b>	<b>118,449</b>	<b>553,152</b>	<b>2,953,820</b>	<b>2,150,192</b>	<b>(613,540)</b>	<b>803,628</b>	<b>3,567,360</b>
<b>CASH FLOW STATEMENT</b>															
<b>Cash Flows From Operating Activities</b>															
Operating Revenues	2,107,725	2,097,831	1,753,394	9,894	354,331	6,611,133	6,601,239	5,710,536	9,894	900,597	23,422,973	22,700,413	18,351,647	722,560	5,071,326
Operating Expenses (ex D&A)	(1,083,004)	(1,147,499)	(915,375)	64,495	(167,629)	(4,164,558)	(4,229,053)	(3,611,682)	64,495	(552,876)	(14,236,058)	(14,235,107)	(11,670,847)	(951)	(2,565,211)
Non-Cash Working Capital Changes	(1,280,131)	(1,280,376)	(567,155)	245	(712,976)	(1,857,537)	(1,857,782)	(1,109,767)	245	(747,770)	(2,037,118)	(25,200)	460,183	(2,011,918)	(2,497,301)
<b>Net Cash Provided by (Used in) Operating Activities</b>	<b>(255,410)</b>	<b>(330,044)</b>	<b>270,863</b>	<b>74,634</b>	<b>(526,274)</b>	<b>589,038</b>	<b>514,404</b>	<b>989,087</b>	<b>74,634</b>	<b>(400,049)</b>	<b>7,149,797</b>	<b>8,440,106</b>	<b>7,140,984</b>	<b>(1,290,309)</b>	<b>8,814</b>
<b>Cash Flows From Financing Activities</b>															
Capital Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Proceeds New Borrowing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Payments	(12,454)	(12,792)	(11,800)	338	(653)	(50,455)	(50,793)	(47,753)	338	(2,701)	(152,170)	(153,143)	(141,271)	973	(10,899)
Principal Payments	(47,783)	(47,754)	(46,630)	(29)	(1,152)	(190,550)	(190,521)	(185,954)	(29)	(4,596)	(576,067)	(575,980)	(562,430)	(87)	(13,637)
<b>Net Cash Provided by (Used in) Financing Activities</b>	<b>(60,236)</b>	<b>(60,546)</b>	<b>(58,431)</b>	<b>309</b>	<b>(1,806)</b>	<b>(241,004)</b>	<b>(241,314)</b>	<b>(233,707)</b>	<b>309</b>	<b>(7,297)</b>	<b>(728,237)</b>	<b>(729,123)</b>	<b>(703,701)</b>	<b>886</b>	<b>(24,535)</b>
<b>Cash Flows from Capital and Related Activities</b>															
Non-Operating Income (Expenses)	21,408	-	(20,354)	21,408	41,762	36,551	15,144	(82,076)	21,408	118,628	15,144	-	(134,047)	15,144	149,190
Capital Expenditures, net	(178,706)	(182,705)	(255,190)	3,999	76,484	(408,023)	(412,022)	(901,701)	3,999	493,678	(7,022,354)	(7,033,500)	(3,081,527)	11,146	(3,940,827)
<b>Net Cash Provided By (Used In) Capital and Related Activities</b>	<b>(157,298)</b>	<b>(182,705)</b>	<b>(275,544)</b>	<b>25,407</b>	<b>118,246</b>	<b>(371,472)</b>	<b>(396,878)</b>	<b>(983,777)</b>	<b>25,407</b>	<b>612,306</b>	<b>(7,007,210)</b>	<b>(7,033,500)</b>	<b>(3,215,573)</b>	<b>26,290</b>	<b>(3,791,636)</b>
<b>Cash Flows From Investing Activities</b>															
Investments Converting To Cash	245,000	-	-	245,000	245,000	4,146,174	3,901,174	1,922,000	245,000	2,224,174	3,901,174	-	2,906,000	3,901,174	995,174
Purchased Investments	(245,000)	-	(2,200,000)	(245,000)	1,955,000	(2,122,000)	(1,877,000)	(3,183,000)	(245,000)	1,061,000	(1,877,000)	-	(4,898,000)	(1,877,000)	3,021,000
Interest Income	41,254	3,033	4,642	38,221	36,613	121,301	83,080	16,722	38,221	104,579	157,281	85,128	130,271	72,153	27,010
<b>Net Cash Provided By (Used In) Investing Activities</b>	<b>41,254</b>	<b>3,033</b>	<b>(2,195,358)</b>	<b>38,221</b>	<b>2,236,613</b>	<b>2,145,475</b>	<b>2,107,254</b>	<b>(1,244,278)</b>	<b>38,221</b>	<b>3,389,753</b>	<b>2,181,455</b>	<b>85,128</b>	<b>(1,861,729)</b>	<b>2,096,327</b>	<b>4,043,184</b>
<b>FUND NET CASH FLOWS</b>	<b>(431,690)</b>	<b>(570,261)</b>	<b>(2,258,469)</b>	<b>138,571</b>	<b>1,826,779</b>	<b>2,122,037</b>	<b>1,983,467</b>	<b>(1,472,675)</b>	<b>138,571</b>	<b>3,594,712</b>	<b>1,595,806</b>	<b>762,612</b>	<b>1,359,980</b>	<b>833,194</b>	<b>235,826</b>
<b>DEBT SERVICE RATIO</b>															
<b>Debt Service Ratio (Indenture Based)</b>															
User Charges	2,099,400	2,082,173	1,693,326	17,227	406,074	5,841,440	5,824,212	5,311,401	17,227	530,039	21,872,161	21,822,513	15,030,893	49,648	6,841,268
Operating Expenses (Cash Based)	(1,083,011)	(1,151,007)	(918,879)	67,996	(164,132)	(4,167,143)	(4,235,139)	(3,618,457)	67,996	(548,687)	(14,260,561)	(14,260,307)	(11,670,847)	(255)	(2,589,715)
Interest Income	41,254	3,033	4,642	38,221	36,613	121,301	83,080	16,722	38,221	104,579	157,281	85,128	130,271	72,153	27,010
Annual Lease Payment (City)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Operating Revenues (Expenses)	29,732	15,658	39,714	14,074	(9,981)	806,245	792,171	317,059	14,074	489,186	1,565,956	877,900	3,186,708	688,056	(1,620,752)
<b>Cash Available For Debt Service</b>	<b>1,087,376</b>	<b>949,857</b>	<b>818,802</b>	<b>137,519</b>	<b>268,574</b>	<b>2,601,843</b>	<b>2,464,324</b>	<b>2,026,726</b>	<b>137,519</b>	<b>575,117</b>	<b>9,334,836</b>	<b>8,525,235</b>	<b>6,677,025</b>	<b>809,602</b>	<b>2,657,811</b>
Interest Paid	12,681	12,681	11,773	-	908	50,723	51,048	47,090	(324)	3,633	152,170	153,143	141,271	(973)	10,899
Debt Retirement (Principal Payments)	48,006	48,006	46,869	-	1,136	192,022	191,993	187,477	29	4,546	576,067	575,980	562,430	87	13,637
<b>Total Debt Service</b>	<b>60,686</b>	<b>60,686</b>	<b>58,642</b>	<b>-</b>	<b>2,045</b>	<b>242,746</b>	<b>243,041</b>	<b>234,567</b>	<b>(295)</b>	<b>8,178</b>	<b>728,237</b>	<b>729,123</b>	<b>703,701</b>	<b>(886)</b>	<b>24,535</b>
<b>Debt Service Ratio</b>	<b>17.92</b>	<b>15.65</b>	<b>13.96</b>	<b>2.27</b>	<b>3.96</b>	<b>10.72</b>	<b>10.14</b>	<b>8.64</b>	<b>0.58</b>	<b>2.08</b>	<b>12.82</b>	<b>11.69</b>	<b>9.49</b>	<b>1.13</b>	<b>3.33</b>

**LEHIGH COUNTY AUTHORITY**  
**VARIANCE ANALYSIS - YTD**  
**For the Period Ended April 30, 2023**

**STATEMENTS OF ACTIVITIES**

**Operating Revenues:**

User Charges  
Connection & System Charges  
Other Miscellaneous Revenues

**Total Operating Revenues**

**Operating Expenses:**

Personnel  
Shared Services - General & Administrative  
Utilities  
Materials and Supplies  
Miscellaneous Services  
Treatment and Transportation  
Depreciation and Amortization  
Major Maintenance Expenses  
Other Miscellaneous

**Total Operating Expenses**

**Net Operating Profit**

**Non-Operating Income (Expense)**

Interest Income  
Interest (Expense)  
Other Miscellaneous

**Net Non-Operating Income (Expense)**

**Net Income (Loss)**

**CASH FLOW STATEMENT**

**Cash Flows From Operating Activities**

Operating Revenues  
Operating Expenses (ex D&A)  
Non-Cash Working Capital Changes

**Net Cash Provided by (Used in) Operating Activities**

**Cash Flows From Financing Activities**

Capital Contributions  
Proceeds New Borrowing  
Interest Payments  
Principal Payments

**Net Cash Provided by (Used in) Financing Activities**

**Cash Flows from Capital and Related Activities**

Non-Operating Income (Expenses)  
Capital Expenditures, net

**Net Cash Provided By (Used In) Capital and Related Activities**

**Cash Flows From Investing Activities**

Investments Converting To Cash  
Purchased Investments  
Interest Income

**Net Cash Provided By (Used In) Investing Activities**

**FUND NET CASH FLOWS**

Suburban - Wastewater			
Actual	Q2 FC	FC Var	Comments
5,841,440	5,824,212	17,227	
769,474	776,822	(7,348)	
220	205	15	
<b>6,611,133</b>	<b>6,601,239</b>	<b>9,894</b>	Higher user charges
556,337	564,630	8,292	
107,364	106,801	(563)	
76,563	80,327	3,765	
133,803	116,606	(17,196)	
2,287,975	2,243,127	(44,848)	
1,002,516	1,117,562	115,046	
2,079,033	2,061,053	(17,981)	
2,585	6,086	3,501	
-	-	-	
<b>6,246,177</b>	<b>6,296,192</b>	<b>50,015</b>	Higher discretionary spending more than offset by lower treatment & transportation costs
<b>364,957</b>	<b>305,047</b>	<b>59,909</b>	Higher operating revenues aided by lower operating expenses
121,301	83,080	38,221	
(53,555)	(52,465)	(1,089)	
36,551	15,144	21,408	
<b>104,298</b>	<b>45,759</b>	<b>58,539</b>	Higher investment income
<b>469,255</b>	<b>350,806</b>	<b>118,449</b>	Higher net operating profit along with higher interest income and lower interest expense
6,611,133	6,601,239	9,894	
(4,164,558)	(4,229,053)	64,495	
(1,857,537)	(1,857,782)	245	
<b>589,038</b>	<b>514,404</b>	<b>74,634</b>	Higher operating revenues and lower operating expenses
-	-	-	
-	-	-	
(50,455)	(50,793)	338	
(190,550)	(190,521)	(29)	
<b>(241,004)</b>	<b>(241,314)</b>	<b>309</b>	
36,551	15,144	21,408	
(408,023)	(412,022)	3,999	
<b>(371,472)</b>	<b>(396,878)</b>	<b>25,407</b>	
4,146,174	3,901,174	245,000	
(2,122,000)	(1,877,000)	(245,000)	
121,301	83,080	38,221	
<b>2,145,475</b>	<b>2,107,254</b>	<b>38,221</b>	Higher interest income
<b>2,122,037</b>	<b>1,983,467</b>	<b>138,571</b>	Higher cash from operations and favorable financial activity

**LEHIGH COUNTY AUTHORITY**  
**FINANCIAL STATEMENTS - CITY DIVISION**  
**For the Period Ended April 30, 2023**

STATEMENTS OF ACTIVITIES	City Division														
	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
<b>Operating Revenues:</b>															
User Charges	4,606,234	4,485,279	2,878,252	120,954	1,727,981	16,538,945	16,417,991	14,481,991	120,954	2,056,955	50,920,863	50,680,860	46,757,244	240,003	4,163,620
Connection & System Charges	172,708	172,996	212,720	(287)	(40,012)	1,028,352	1,028,639	1,670,823	(287)	(642,471)	4,141,220	4,096,600	6,232,355	44,620	(2,091,135)
Other Miscellaneous Revenues	27,175	1,760	5,455	25,415	21,720	48,959	23,543	16,750	25,415	32,209	87,440	69,300	214,812	18,140	(127,372)
<b>Total Operating Revenues</b>	<b>4,806,117</b>	<b>4,660,034</b>	<b>3,096,427</b>	<b>146,083</b>	<b>1,709,689</b>	<b>17,616,256</b>	<b>17,470,174</b>	<b>16,169,564</b>	<b>146,083</b>	<b>1,446,692</b>	<b>55,149,523</b>	<b>54,846,760</b>	<b>53,204,411</b>	<b>302,763</b>	<b>1,945,112</b>
<b>Operating Expenses:</b>															
Personnel	879,092	908,226	935,386	29,134	56,294	3,596,256	3,625,390	3,732,339	29,134	136,083	12,853,656	12,818,583	11,209,176	(35,073)	(1,644,480)
Shared Services - General & Administrative	206,493	187,918	137,318	(18,575)	(69,174)	691,773	673,198	468,002	(18,575)	(223,771)	2,230,197	2,197,452	1,605,755	(32,745)	(624,442)
Utilities	58,990	167,299	149,403	108,310	90,414	765,199	873,509	578,364	108,310	(186,835)	1,974,039	2,018,173	1,802,290	44,133	(171,749)
Materials and Supplies	275,574	262,027	224,360	(13,547)	(51,215)	927,099	913,552	621,474	(13,547)	(305,625)	2,803,038	2,621,000	2,227,858	(182,038)	(575,180)
Miscellaneous Services	131,506	105,753	99,207	(25,753)	(32,299)	437,844	412,091	339,150	(25,753)	(98,694)	2,165,637	2,112,700	1,807,096	(52,937)	(358,542)
Treatment and Transportation	-	-	-	-	-	-	-	-	-	-	14,318	14,318	11,594	-	(2,724)
Depreciation and Amortization	517,210	497,682	514,881	(19,529)	(2,329)	2,063,403	2,043,874	2,079,440	(19,529)	16,038	6,193,896	6,160,000	6,372,883	(33,896)	178,987
Major Maintenance Expenses	34,242	64,090	14,103	29,848	(20,139)	65,238	95,086	72,287	29,848	7,048	3,766,587	4,000,000	5,817,436	233,413	2,050,849
Other Miscellaneous	-	-	5,200	-	5,200	-	-	5,200	-	5,200	-	-	-	-	-
<b>Total Operating Expenses</b>	<b>2,103,107</b>	<b>2,192,994</b>	<b>2,079,859</b>	<b>89,887</b>	<b>(23,248)</b>	<b>8,546,812</b>	<b>8,636,699</b>	<b>7,896,256</b>	<b>89,887</b>	<b>(650,556)</b>	<b>32,001,367</b>	<b>31,942,225</b>	<b>30,854,087</b>	<b>(59,142)</b>	<b>(1,147,280)</b>
<b>Net Operating Profit</b>	<b>2,703,010</b>	<b>2,467,040</b>	<b>1,016,569</b>	<b>235,970</b>	<b>1,686,441</b>	<b>9,069,444</b>	<b>8,833,474</b>	<b>8,273,308</b>	<b>235,970</b>	<b>796,137</b>	<b>23,148,156</b>	<b>22,904,535</b>	<b>22,350,324</b>	<b>243,621</b>	<b>797,832</b>
<b>Non-Operating Income (Expense)</b>															
Interest Income	254,682	250,046	326	4,636	254,356	919,840	915,204	1,221	4,636	918,619	581,693	128,661	914,680	453,032	(332,987)
Interest (Expense)	(1,409,488)	(1,533,517)	(1,393,848)	124,029	(15,640)	(5,636,947)	(5,760,976)	(5,577,156)	124,029	(59,792)	(18,090,266)	(18,252,298)	(16,589,925)	162,031	(1,500,342)
Other Miscellaneous	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Net Non-Operating Income (Expense)</b>	<b>(1,154,806)</b>	<b>(1,283,471)</b>	<b>(1,393,522)</b>	<b>128,665</b>	<b>238,716</b>	<b>(4,717,107)</b>	<b>(4,845,772)</b>	<b>(5,575,935)</b>	<b>128,665</b>	<b>858,828</b>	<b>(17,508,573)</b>	<b>(18,123,637)</b>	<b>(15,675,244)</b>	<b>615,064</b>	<b>(1,833,329)</b>
<b>Net Income (Loss)</b>	<b>1,548,204</b>	<b>1,183,569</b>	<b>(376,953)</b>	<b>364,635</b>	<b>1,925,157</b>	<b>4,352,337</b>	<b>3,987,702</b>	<b>2,697,373</b>	<b>364,635</b>	<b>1,654,964</b>	<b>5,639,583</b>	<b>4,780,898</b>	<b>6,675,079</b>	<b>858,685</b>	<b>(1,035,496)</b>
<b>CASH FLOW STATEMENT</b>															
<b>Cash Flows From Operating Activities</b>															
Operating Revenues	4,806,117	4,660,034	3,096,427	146,083	1,709,689	17,616,256	17,470,174	16,169,564	146,083	1,446,692	55,149,523	54,846,760	53,204,411	302,763	1,945,112
Operating Expenses (ex D&A)	(1,551,654)	(1,631,223)	(1,550,875)	79,569	(780)	(6,418,171)	(6,497,739)	(5,744,529)	79,569	(673,642)	(22,040,884)	(21,782,225)	(24,481,204)	(258,659)	2,440,319
Non-Cash Working Capital Changes	(2,054,600)	(2,062,676)	1,465,876	8,076	(3,520,476)	(2,404,976)	(2,413,053)	(2,151,080)	8,076	(253,896)	(753,891)	0	1,348,501	(753,891)	(2,102,392)
<b>Net Cash Provided by (Used in) Operating Activities</b>	<b>1,199,863</b>	<b>966,136</b>	<b>3,011,429</b>	<b>233,727</b>	<b>(1,811,566)</b>	<b>8,793,109</b>	<b>8,559,382</b>	<b>8,273,955</b>	<b>233,727</b>	<b>519,154</b>	<b>32,354,748</b>	<b>33,064,535</b>	<b>30,071,708</b>	<b>(709,787)</b>	<b>2,283,040</b>
<b>Cash Flows From Financing Activities</b>															
Capital Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Proceeds New Borrowing	-	-	-	-	-	-	-	-	-	-	1,400,000	1,200,000	-	200,000	1,400,000
Interest Payments	-	-	-	-	-	-	-	-	-	-	(11,788,844)	(11,788,844)	(11,670,361)	-	(118,483)
Principal Payments	(680,590)	-	-	(680,590)	(680,590)	(680,590)	-	-	(680,590)	(680,590)	(3,342,077)	(3,342,077)	(2,514,642)	0	(827,435)
<b>Net Cash Provided by (Used in) Financing Activities</b>	<b>(680,590)</b>	<b>-</b>	<b>-</b>	<b>(680,590)</b>	<b>(680,590)</b>	<b>(680,590)</b>	<b>-</b>	<b>-</b>	<b>(680,590)</b>	<b>(680,590)</b>	<b>(13,730,921)</b>	<b>(13,930,921)</b>	<b>(14,185,003)</b>	<b>200,000</b>	<b>454,082</b>
<b>Cash Flows from Capital and Related Activities</b>															
Non-Operating Income (Expenses)	-	(699,999)	-	699,999	-	-	(699,999)	(643,325)	699,999	643,325	(1,400,000)	(1,400,000)	(1,286,651)	0	(113,349)
Capital Expenditures, net	(504,675)	(1,013,137)	(1,091,588)	508,462	586,913	(1,807,582)	(2,316,044)	(1,828,039)	508,462	20,457	(15,104,081)	(15,191,000)	(12,705,520)	86,919	(2,398,561)
<b>Net Cash Provided By (Used In) Capital and Related Activities</b>	<b>(504,675)</b>	<b>(1,713,136)</b>	<b>(1,091,588)</b>	<b>1,208,461</b>	<b>586,913</b>	<b>(1,807,582)</b>	<b>(3,016,043)</b>	<b>(2,471,364)</b>	<b>1,208,461</b>	<b>663,782</b>	<b>(16,504,081)</b>	<b>(16,591,000)</b>	<b>(13,992,171)</b>	<b>86,919</b>	<b>(2,511,910)</b>
<b>Cash Flows From Investing Activities</b>															
Investments Converting To Cash	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Purchased Investments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest Income	254,682	250,046	326	4,636	254,356	919,840	915,204	1,221	4,636	918,619	581,693	128,661	914,680	453,032	(332,987)
<b>Net Cash Provided By (Used In) Investing Activities</b>	<b>254,682</b>	<b>250,046</b>	<b>326</b>	<b>4,636</b>	<b>254,356</b>	<b>919,840</b>	<b>915,204</b>	<b>1,221</b>	<b>4,636</b>	<b>918,619</b>	<b>581,693</b>	<b>128,661</b>	<b>914,680</b>	<b>453,032</b>	<b>(332,987)</b>
<b>FUND NET CASH FLOWS</b>	<b>269,280</b>	<b>(496,954)</b>	<b>1,920,167</b>	<b>766,235</b>	<b>(1,650,887)</b>	<b>7,224,777</b>	<b>6,458,543</b>	<b>5,803,812</b>	<b>766,235</b>	<b>1,420,965</b>	<b>2,701,439</b>	<b>2,671,275</b>	<b>2,809,215</b>	<b>30,165</b>	<b>(107,776)</b>
<b>DEBT SERVICE RATIO</b>															
<b>Debt Service Ratio (Indenture Based)</b>															
User Charges	4,606,234	4,485,279	2,878,252	120,954	1,727,981	16,538,945	16,417,991	14,481,991	120,954	2,056,955	50,920,863	50,680,860	46,757,244	240,003	4,163,620
Operating Expenses (Cash Based)	(1,585,896)	(1,695,313)	(1,564,978)	109,416	(20,919)	(6,483,409)	(6,592,825)	(5,816,816)	109,416	(666,594)	(22,040,884)	(21,782,225)	(18,663,768)	(258,659)	(3,377,116)
Interest Income	254,682	250,046	326	4,636	254,356	919,840	915,204	1,221	4,636	918,619	581,693	128,661	914,680	453,032	(332,987)
Annual Lease Payment (City)	(116,667)	(116,667)	(107,221)	-	(9,446)	(466,667)	(466,667)	(428,884)	-	(37,783)	(1,400,000)	(1,400,000)	(1,286,651)	0	(113,349)
Non-Operating Revenues (Expenses)	199,883	174,755	218,175	25,128	(18,292)	1,077,311	1,052,183	1,687,573	25,128	(610,262)	4,228,660	4,165,900	6,447,167	62,760	(2,218,507)
<b>Cash Available For Debt Service</b>	<b>3,358,236</b>	<b>3,098,101</b>	<b>1,424,555</b>	<b>260,135</b>	<b>1,933,681</b>	<b>11,586,021</b>	<b>11,325,886</b>	<b>9,925,085</b>	<b>260,135</b>	<b>1,660,935</b>	<b>32,290,333</b>	<b>31,793,196</b>	<b>34,168,672</b>	<b>497,137</b>	<b>(1,878,340)</b>
Interest Paid	982,404	982,404	972,530	-	9,874	3,929,615	3,929,615	3,890,120	-	39,494	11,788,844	11,788,844	11,670,361	-	118,483
Debt Retirement (Principal Payments)	278,506	278,506	209,554	(0)	68,953	1,114,026	1,114,026	838,214	-	275,812	3,342,077	3,342,077	2,514,642	(0)	827,435
<b>Total Debt Service</b>	<b>1,260,910</b>	<b>1,260,910</b>	<b>1,182,084</b>	<b>(0)</b>	<b>78,827</b>	<b>5,043,640</b>	<b>5,043,640</b>	<b>4,728,334</b>	<b>-</b>	<b>315,306</b>	<b>15,130,921</b>	<b>15,130,921</b>	<b>14,185,003</b>	<b>(0)</b>	<b>945,918</b>
<b>Debt Service Ratio</b>	<b>2.66</b>	<b>2.46</b>	<b>1.21</b>	<b>0.21</b>	<b>1.46</b>	<b>2.30</b>	<b>2.25</b>	<b>2.10</b>	<b>0.05</b>	<b>0.20</b>	<b>2.13</b>	<b>2.10</b>	<b>2.41</b>	<b>0.03</b>	<b>(0.27)</b>

**LEHIGH COUNTY AUTHORITY**  
**VARIANCE ANALYSIS - YTD**  
**For the Period Ended April 30, 2023**

**STATEMENTS OF ACTIVITIES**

**Operating Revenues:**

User Charges  
Connection & System Charges  
Other Miscellaneous Revenues

**Total Operating Revenues**

**Operating Expenses:**

Personnel  
Shared Services - General & Administrative  
Utilities  
Materials and Supplies  
Miscellaneous Services  
Treatment and Transportation  
Depreciation and Amortization  
Major Maintenance Expenses  
Other Miscellaneous

**Total Operating Expenses**

**Net Operating Profit**

**Non-Operating Income (Expense)**

Interest Income  
Interest (Expense)  
Other Miscellaneous

**Net Non-Operating Income (Expense)**

**Net Income (Loss)**

City Division			
Actual	Q2 FC	FC Var	Comments
16,538,945	16,417,991	120,954	Higher industrial/commercial/residential revenues
1,028,352	1,028,639	(287)	
48,959	23,543	25,415	
<b>17,616,256</b>	<b>17,470,174</b>	<b>146,083</b>	<b>Higher user charges</b>
3,596,256	3,625,390	29,134	
691,773	673,198	(18,575)	
765,199	873,509	108,310	
927,099	913,552	(13,547)	
437,844	412,091	(25,753)	
-	-	-	
2,063,403	2,043,874	(19,529)	
65,238	95,086	29,848	
-	-	-	
<b>8,546,812</b>	<b>8,636,699</b>	<b>89,887</b>	<b>Lower utility costs</b>
<b>9,069,444</b>	<b>8,833,474</b>	<b>235,970</b>	<b>Higher operating revenues aided by lower operating expenses</b>
919,840	915,204	4,636	
(5,636,947)	(5,760,976)	124,029	
-	-	-	
<b>(4,717,107)</b>	<b>(4,845,772)</b>	<b>128,665</b>	<b>Slightly higher interest income along with lower interest expense</b>
<b>4,352,337</b>	<b>3,987,702</b>	<b>364,635</b>	<b>Higher net profit from operations along with slightly higher interest income and lower interest expense</b>

**CASH FLOW STATEMENT**

**Cash Flows From Operating Activities**

Operating Revenues  
Operating Expenses (ex D&A)  
Non-Cash Working Capital Changes

**Net Cash Provided by (Used in) Operating Activities**

**Cash Flows From Financing Activities**

Capital Contributions  
Proceeds New Borrowing  
Interest Payments  
Principal Payments

**Net Cash Provided by (Used in) Financing Activities**

**Cash Flows from Capital and Related Activities**

Non-Operating Income (Expenses)  
Capital Expenditures, net

**Net Cash Provided By (Used In) Capital and Related Activities**

**Cash Flows From Investing Activities**

Investments Converting To Cash  
Purchased Investments  
Interest Income

**Net Cash Provided By (Used In) Investing Activities**

**FUND NET CASH FLOWS**

17,616,256	17,470,174	146,083	
(6,418,171)	(6,497,739)	79,569	
(2,404,976)	(2,413,053)	8,076	
<b>8,793,109</b>	<b>8,559,382</b>	<b>233,727</b>	<b>Higher operating revenues along with lower operating expenses</b>
-	-	-	
-	-	-	
-	-	-	
-	-	-	
<b>-</b>	<b>-</b>	<b>-</b>	
(680,590)	(699,999)	19,409	
(1,807,582)	(2,316,044)	508,462	
<b>(2,488,172)</b>	<b>(3,016,043)</b>	<b>527,871</b>	<b>Lower capex</b>
-	-	-	
-	-	-	
919,840	915,204	4,636	
<b>919,840</b>	<b>915,204</b>	<b>4,636</b>	
<b>7,224,777</b>	<b>6,458,543</b>	<b>766,235</b>	<b>Higher cash from operations and lower capex</b>

LEHIGH COUNTY AUTHORITY  
CASH & INVESTMENT SUMMARY  
For the Period Ended April 30, 2023

	Suburban Water				Suburban Wastewater				City Division				Total			
	4/30/2023 Actual	2023 Forecast	2023 Budget	2022 Actual	4/30/2023 Actual	2023 Forecast	2023 Budget	2022 Actual	4/30/2023 Actual	2023 Forecast	2023 Budget	2022 Actual	4/30/2023 Actual	2023 Forecast	2023 Budget	2022 Actual
Cash																
Operating																
Unrestricted	2,694,941	8,798,562	7,075,935	5,207,096	121,017	2,496,260	4,964,460	900,454	16,529,572	11,709,454	23,660,027	9,008,015	18,777,068	23,004,276	35,700,423	15,115,564
Restricted	-	-	-	-	-	-	-	-	18,956,812	25,438,613	18,916,156	25,794,847	18,956,812	25,438,613	18,916,156	25,794,847
Total Operating	2,694,941	8,798,562	7,075,935	5,207,096	121,017	2,496,260	4,964,460	900,454	35,486,385	37,148,067	42,576,183	34,802,862	37,733,880	48,442,888	54,616,578	40,910,412
Capital																
Unrestricted	7,215,630	257,425	319,718	257,425	9,763,430	6,862,722	5,955,385	6,862,722	3,414,424	3,022,601	3,022,601	3,022,601	20,393,484	10,142,748	9,297,704	10,142,748
Restricted	-	-	-	-	339,443	338,677	338,360	338,677	7,538,004	7,500,035	7,500,035	7,500,035	7,877,447	7,838,712	7,838,396	7,838,712
Total Capital	7,215,630	257,425	319,718	257,425	10,102,873	7,201,399	6,293,745	7,201,399	10,952,427	10,522,636	10,522,636	10,522,636	28,270,930	17,981,461	17,136,099	17,981,461
Other Restricted																
Debt Reserves	2,206,191	1,656,568	1,648,569	1,656,568	-	-	-	-	34,090,711	28,335,482	28,976,677	27,979,247	36,296,902	29,992,050	30,625,246	29,635,815
Escrow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Other Restricted	2,206,191	1,656,568	1,648,569	1,656,568	-	-	-	-	34,090,711	28,335,482	28,976,677	27,979,247	36,296,902	29,992,050	30,625,246	29,635,815
Total Cash	12,116,762	10,712,555	9,044,222	7,121,089	10,223,891	9,697,659	11,258,205	8,101,853	80,529,523	76,006,185	82,075,496	73,304,746	102,301,713	96,416,399	102,377,924	88,527,688
Investments																
Operating																
Unrestricted	1,938,613	1,944,885	1,975,123	1,944,885	6,893,056	8,866,269	6,977,548	8,866,269	-	-	-	-	8,831,670	10,811,154	8,952,671	10,811,154
Restricted	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating	1,938,613	1,944,885	1,975,123	1,944,885	6,893,056	8,866,269	6,977,548	8,866,269	-	-	-	-	8,831,670	10,811,154	8,952,671	10,811,154
Capital																
Unrestricted	1,030,403	1,000,184	1,000,000	1,000,184	-	-	-	-	-	-	-	-	1,030,403	1,000,184	1,000,000	1,000,184
Restricted	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Capital	1,030,403	1,000,184	1,000,000	1,000,184	-	-	-	-	-	-	-	-	1,030,403	1,000,184	1,000,000	1,000,184
Other Restricted																
Debt Reserves	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Escrow	492,914	218,888	295,372	218,888	56,659	-	-	-	32,095	32,090	-	32,090	581,667	250,978	295,372	250,978
Total Other Restricted	492,914	218,888	295,372	218,888	56,659	-	-	-	32,095	32,090	-	32,090	581,667	250,978	295,372	250,978
Total Investments	3,461,930	3,163,957	3,270,496	3,163,957	6,949,715	8,866,269	6,977,548	8,866,269	32,095	32,090	-	32,090	10,443,740	12,062,316	10,248,043	12,062,316
Total Cash and Investments	15,578,692	13,876,512	12,314,718	10,285,046	17,173,605	18,563,928	18,235,753	16,968,122	80,561,618	76,038,275	82,075,496	73,336,835	112,745,453	108,478,715	112,625,967	100,590,003
Summary																
Cash																
Unrestricted	9,910,571	9,055,987	7,395,653	5,464,521	9,884,448	9,358,982	10,919,845	7,763,176	19,943,996	14,732,055	26,682,628	12,030,616	39,170,552	33,147,024	44,998,126	25,258,313
Restricted	2,206,191	1,656,568	1,648,569	1,656,568	339,443	338,677	338,360	338,677	60,585,527	61,274,130	55,392,868	61,274,130	63,131,161	63,269,375	57,379,797	63,269,375
Total Cash	12,116,762	10,712,555	9,044,222	7,121,089	10,223,891	9,697,659	11,258,205	8,101,853	80,529,523	76,006,185	82,075,496	73,304,746	102,301,713	96,416,399	102,377,924	88,527,688
Investments																
Unrestricted	2,969,017	2,945,069	2,975,123	2,945,069	6,893,056	8,866,269	6,977,548	8,866,269	-	-	-	-	9,862,073	11,811,338	9,952,671	11,811,338
Restricted	492,914	218,888	295,372	218,888	56,659	-	-	-	32,095	32,090	-	32,090	581,667	250,978	295,372	250,978
Total Investments	3,461,930	3,163,957	3,270,496	3,163,957	6,949,715	8,866,269	6,977,548	8,866,269	32,095	32,090	-	32,090	10,443,740	12,062,316	10,248,043	12,062,316
Total Cash and Investments	15,578,692	13,876,512	12,314,718	10,285,046	17,173,605	18,563,928	18,235,753	16,968,122	80,561,618	76,038,275	82,075,496	73,336,835	112,745,453	108,478,715	112,625,967	100,590,003

CERTIFICATES OF DEPOSIT

APRIL 2022

Fund	Bank	Location	Gross Amount	Date of Purchase	Date Due	Net Rate %
WW Capac	First Technology Federal CU	Mountain View, CA	245,000.00	4/12/23	10/15/24	5.250



## DEVELOPMENT ACTIVITY

### **Water system construction is occurring in the following developments:**

7034 Ambassador Drive -Warehouse, UMT  
Macungie Crossings Home Depot, LMT  
8323/8449 Congdon Hill Drive, 2 industrial lots with warehouses, LMT  
ABE Doors & Windows Redevelopment, 1 commercial lot, LMT  
Chick-Fil-A Building redesign existing water line staying  
Estates at Maple Ridge, Water main extension-UMiIT  
Fields at Indian Creek, Phases 4 & 5, 86 residential units (sfd), water and sewer, UMiIT & Emmaus  
Fields at Brookside Water Main Re Route. 66 Lots  
Heeps Meats 12" Boring tap sleeve and valve UMT  
Home Depot Sub Lot Condo unit LMT  
Kohler Tract, 123 residential lots (sfa), water and sewer, UMiIT  
Lehigh Hills, Lot 5 Phase 2, 240 residential units (sfd.), UMT  
Lehigh Hills Townhouses, 24 townhouse units (sfa), UMT  
Mountain View Estates, 27 residential units (sfd), LMT  
Posh Properties 4316,4320,4330,4344 Hamilton Blvd LMT, day care-self storage 4 lots water  
Parkland Crossings Main Extension 144 Town homes UMT  
Sauerkraut Lane Extension, Roadway & water line extension, LMT  
West Hills Business Center Lot H, 1 commercial lot, WeisT  
Green Hills Commerce Center 3 Possible Water Main Extension/Change of plans UMT  
3369 Rt 100 Neighborhood Hospital & Medical Offices, 1 commercial lot, LMT  
Guardian Self Storage Main Extension 1 commercial lot,LMT  
749 Route 100,UMT

### **Water system plans are being reviewed for the following developments:**

7150 Ambassador Drive single connection, UMT  
2619 Grove Street Sewer Main Extension,Washington Township  
3400 Brookside Road, Indian Creek- 26 Single family homes-Main extension, LMT  
3952 Independence Drive,NW  
4002 Chestnut Street water main extension,Umilford  
Valley at Indian Creek 3510 Macungie Road 22 Single family homes-LMT  
5329-5347-5357 Hamilton Blvd., 1 commercial lot, LMT  
Advanced Health Care of Allentown, 1 commercial lot, LMT  
Air Products & Chemicals-Cetronia Road, 1 commercial lot, UMT  
ATAS International, 1 industrial lot, UMT  
Bandit Truck Stop Sewer Main Extension, WT  
Carriage East Residential Development, 11 residential units, (sfd), UMT  
Chick-Fil-A Redevelopment, LMT  
Estates at Maple Ridge, 30 residential units (sfd), UMiIT  
Fallbrooke Residential Subdivision, 90 sf residential units, UMT  
Fields at Brookside, water main relocation, LMT  
Glenlivet Drive West Main extension and subdivision  
Grant Street Townes, 18 Townhouse, WT  
Green Hills Commerce Center III, 1 commercial lot, UMT  
Hidden Meadows - Phase 3, 20 townhouse units, UMT  
Laurel Field, Phase 5, 25 townhouses, UMT  
Macungie Crossings Home Depot, LMT  
Madison Village at Penn's View, 66 manufactured homes, 1 lot, water and sewer, LynnT  
Mertztown Residential Subdivision, 264 sf units & 136 townhouse units, LMT  
Mosser Road Subdivision, 10 sf units, UMT  
Ridings at Parkland, Phase 2, 38 residential units (sfd), NWT  
Schoeneck Road, Lot 1, 1 lot, warehouse, LMT  
Self-Storage Facility, Cedarbrook Road – 1 Commercial Lot, LMT  
Spring Creek Properties, Lot 12, 1 lot, warehouse, LMT  
Spring Creek Estates 2022 LMT 2 lots, 2 6 unit Apt, 8 single family homes, water  
Taco Bell 248 Route 100-UMT  
The Annex at Fields at Indian Creek, 22 sf residential units, Emmaus Borough  
Towneplace Suites by Marriott, 91-room hotel, UMT  
Towns At Schaefer Run, 128 townhouse unit (sfa), UMT  
Trexler Center Unit 5-Wawa-LMT  
Twin Ponds 8739 Hamilton Blvd 22 Apts and 1 Daycare UMT  
Upper Macungie Community Center UMT commercial lot, water and Main Extension  
Woodmont Valley 2, 129 apartment units (former Allen Organ Co.) LMT-New

### **Sewage Facilities Planning Modules Reviewed in Prior Month:**

### **GPD**

1610 S Albert St	1610 S Albert St	Allentown	476
2072 Elbow Ln, Minor Subdivision	2072 Elbow Ln	L Mac	446
Allentown Flex Center	1024 N Bradford St	Allentown	3,570
26 North 4th Street Subdivision	26 N 4th St	Coplay	430
135 Crest Drive Subdivision	135 Crest Driver	CWSA	860
Proposed Food Laboratory Facility	7150 Windsor Dr	U Mac	7,800
Redvelopment of Cetronia Rd Site (Air Products)	7201 Hamilton Blvd	U Mac	3,122

Presented: May 22, 2023

Critical Activities	System	Description	Apr-23	2023 Totals	2022 Totals	Permit
			Daily Avg (MGD)	Daily Avg (MGD)	Daily Avg (MGD)	Daily Max (MGD)
Water Production	Allentown	Total	22.37	22.11	22.47	39.0
		Schantz Spring	6.99	7.27	6.90	9.0
		Crystal Spring	3.91	3.89	3.87	4.0
		Little Lehigh Creek	11.34	10.90	11.68	30.0
		Lehigh River	0.12	0.04	0.03	28.0
	Central Lehigh	Total	11.03	10.44	11.30	19.04 MGD Avg
		Feed from Allentown	7.24	7.22	7.20	7.0 MGD Avg 10.5 MGD Max
		Well Production (CLD)	3.79	3.22	4.10	8.54 MGD Avg
		Sum of all (12) other Suburban Water Systems	0.12	0.12	0.14	1.71 Sum of all wells
Wastewater Treatment		Kline's Island	31.32	31.64	32.61	40.0
		Pretreatment Plant	4.82	4.80	5.06	5.75 (design capacity)
		Sum of all (5) other Suburban WW Systems	0.16	0.19	0.20	0.36
			Apr-23	2023 Totals	2022 Totals	2021 Totals
Precipitation Totals (inches)			6.00	13.90	46.47	44.67
Compliance Reports Submitted to Allentown			29	121	277	280
Notices of Violation (NOVs)		(Allentown + Suburban)	0	0	4	3
Sanitary Sewer Overflows (SSOs)/Bypasses		(Allentown + Suburban)	1	6	18	26
Main Breaks Repaired		Allentown	0	1	34	20
		Suburban	1	4	15	14
Customer Service Phone Inquiries		(Allentown + Suburban)	866	3361	10,539	15,857
Water Shutoffs for Non-Payment		(Allentown + Suburban)	149	639	1,975	1,773
Injury Accidents		(Allentown + Suburban)	1	3	7	8
Emergency Declarations		Allentown	0	0	(3) @ \$386,225.43	0
		Suburban	0	0	(4) @ \$933,077.1	(1) @ \$48,000
<b>Significant Repairs/Upgrades:</b>  South Mountain Reservoir was taken offline for cleaning and minor repairs. The project is estimated to last 5-6 weeks.						
<b>Description of NOVs and/or SSOs:</b>  One bypass occurred at the Allentown Wastewater Treatment Plant on April 30, 2023. The bypass occurred when a pump failed to start during a wet weather event and discharged 1,595 gallons. The plant was able to maintain a peak flow of ~89 MGD.						
<b>Other Highlights:</b>  One arm injury occurred when an employee attempted to lift an item.						

Lehigh County Authority  
System Operations Review - April 2023

Presented: May 22, 2023

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<u>Critical Activities</u>	<u>System</u>	<u>Description</u>	<u>Mar-23</u>	<u>2023 Totals</u>	<u>2022 Totals</u>
Wastewater Compliance	Allentown	Bypass	1	1	2
		Bypass Volume	1,595	1,595	369,704
		Permit Exceedances	0	0	1
		Sanitary Sewer Overflows	0	1	3
		COA Issued NOVs	0	0	1
		Regulatory Agency issued NOVs	0	0	0
	Arcadia	Bypass	0	0	0
		Bypass Volume	0	0	0
		Permit Exceedances	0	0	7
		Sanitary Sewer Overflows	0	0	0
		NOVs	0	0	0
	Heidelberg Heights	Bypass	0	2	8
		Bypass Volume	0	183,360	1,392,261
		Permit Exceedances	0	4	16
		Sanitary Sewer Overflows	0	0	0
		NOVs	0	0	0
	Lynn	Bypass	0	0	2
		Bypass Volume	0	0	472,000
		Permit Exceedances	0	0	7
		Sanitary Sewer Overflows	0	0	1
		NOVs	0	0	0
	Sand Spring	Bypass	0	0	0
		Bypass Volume	0	0	0
		Permit Exceedances	4	13	77
		Sanitary Sewer Overflows	0	0	0
		NOVs	0	0	1
	Wynnewood	Bypass	0	0	0
		Bypass Volume	0	0	0
		Permit Exceedances	1	1	4
		Sanitary Sewer Overflows	0	2	0
		NOVs	0	0	0
Water Compliance	Allentown	Boil Water Advisories	0	0	1
	Central Lehigh	Boil Water Advisories	0	0	2
	Suburban Water Systems	Boil Water Advisories	0	1	4