

LCA Main Office:

1053 Spruce Road Wescosville, PA 18106 610-398-2503 **Agendas & Minutes Posted:**

www.lehighcountyauthority.org

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BOARD MEETING AGENDA – April 27, 2020

- 1. Call to Order
 - NOTICE OF MEETING RECORDINGS

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

- Public Participation Sign-In Request
- 2. Review of Agenda / Executive Sessions
- 3. Approval of Minutes
 - April 13, 2020 Board meeting minutes
- 4. Public Comments
- 5. Action / Discussion Items:

FINANCE AND ADMINISTRATION

WATER

Arcadia West Division – Water Storage Tank Replacement Design Phase (Approval) (tan)

WASTEWATER

- Kline's Island Sewer System Regional Sewer Capacity & Wet-Weather Planning Sewage Billing Meter QAQC Data Analytics and 2021 Flow Metering Preparation (Approval) (green)
- 6. Monthly Project Updates / Information Items (1st Board meeting per month)
- 7. Monthly Financial Review (2nd Board meeting per month) **March report to be distributed at a later** date
- 8. Monthly System Operations Overview (2nd Board meeting per month) March report attached
- 9. Staff Comments
- 10. Solicitor's Comments
- 11. Public Comments / Other Comments
- 12. Executive Sessions
- 13. Adjournment

UPCOMING BOARD MEETINGS

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

June 8, 2020

May 11, 2020 May 18, 2020

PUBLIC PARTICIPATION POLICY

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

REGULAR MEETING MINUTES April 13, 2020

The Regular Meeting of the Lehigh County Authority Board of Directors was called to order at 12:06 p.m. on Monday, April 13, 2020, Chairman Brian Nagle presiding. The meeting was held via video and audio advanced communication technology ("ACT"), using the ZOOM internet application, due to the national COVID-19 pandemic emergency. Each Board member and other attendees of the meeting were able 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. A Roll Call of Board members present was taken. Chairman Brian Nagle, Amir Famili, Jeff Morgan, Richard Bohner, Linda Rosenfeld, Norma Cusick and Kevin Baker were present through ACT for the duration of the meeting.

Solicitor Michael Gaul was also present via ACT. Authority Staff present via ACT were Liesel Gross, Ed Klein, Todd Marion, Susan Sampson, Phil DePoe, Andrew Moore, Chuck Volk, Chris Moughan, John Parsons, Mark Bowen, and Lisa Miller.

REVIEW OF AGENDA

Liesel Gross stated there are no changes to the agenda.

APPROVAL OF MINUTES

March 19, 2020 Emergency Meeting Minutes

Chairman Nagle noted a grammatical error. On a motion by Norma Cusick, seconded by Linda Rosenfeld, the Board approved the minutes of the March 19, 2020 Board meeting as corrected (6-0). Richard Bohner abstained.

March 23, 2020 Meeting Minutes

On a motion by Norma Cusick, seconded by Linda Rosenfeld, the Board approved the minutes of the March 23, 2020 Board meeting as published (6-0). Richard Bohner abstained.

PUBLIC COMMENTS

None.

ACTION AND DISCUSSION ITEMS

2021-2025 Capital Plan

Liesel Gross provided an overview of the 2021-2025 Final Draft Capital Plan, including a PowerPoint presentation, for Board approval. It is important to note that approval of the Plan does not indicate authorization for Plan funding. The Authority made an adjustment to its capital financing to reflect the ongoing system rehabilitation work required for the future. Annual and ongoing projects and system rehabilitation will be funded directly through annual revenues or existing operating reserves. Borrowing would be limited to large scale projects that are not expected to be repeated or to develop water or sewer capacity to meet future customer requirements. Funding for Allentown system upgrades remain undetermined due to the ongoing negotiations and discussions between LCA and the City of Allentown related to the Concession Agreement. To balance these funding strategies, a forecast of future revenue requirements is presented annually to ensure the Plan goals can be met.

Public comments were received in writing from the City of Allentown and the Lehigh Valley Planning Commission.

Jennifer McKenna, City of Allentown Office of Compliance, commented that the cooperation with the City of Allentown is appreciated especially regarding any additional charges to the rate payers.

On a motion by Linda Rosenfeld, seconded by Richard Bohner, the Board approved the 2021-2025 Capital Plan – All Divisions (7-0).

<u>Suburban Division – Heidelberg Heights Sanitary Sewer Rehabilitation Program Construction</u> Phase Bid Rejection

Chuck Volk asked for approval to reject the bids for the annual improvements of the Suburban Division – Heidelberg Heights Sanitary Sewer Rehabilitation project. The project is part of the Corrective Action Plan to eliminate hydraulic overloads and bypasses at the Heidelberg Heights Wastewater Treatment Plant, and is in the third phase of annual sewer main and lateral replacements. The reason for the rejection is the very high bids that were received for the project. The unexpectedly high bids were due to the uncertainty of the availability of materials and manpower. Mr. Volk recommended waiting 30 days, and then rebidding the project using a smaller scope.

Chairman Nagle asked if there was anything specific causing the uncertainty or could it be related to the COVID-19 crisis. Mr. Volk spoke with the lowest bidder and was told that the uncertainty to obtain material and have manpower to do the work is all related to the COVID-19 crisis.

Amir Famili asked if DEP would understand a delay of six to nine months for the project, or will they demand the Authority complete the project with the current schedule. Liesel Gross noted that the Authority did contact DEP, and they will consider a delay as long as the Authority shows due diligence and acts on good faith. Mr. Famili suggested waiting three months then rebid the project.

On a motion by Linda Rosenfeld, seconded by Jeff Morgan, the Board approved the rejection of the bids and authorized waiting a minimum of three months to rebid the project using the same scope of the work as originally bid (7-0).

Suburban Division – Park Pump Station Upgrade Electrical Contract Change Order No. 2

Chuck Volk asked for approval of the final electrical contract Change Order No. 2 for additional electrical work, electrical hardware, and support services that were provided at Park Pump Station during the extended station startup and performance testing period. The final change order consists of lights in Parkway transformer, e-stop and raceway replacement for pre-existing comminutors, additional City of Allentown permit costs, start-up operational changes and SCADA changes, added alarms and hardware, additional programming to the existing generator, and security system repairs.

Jeff Morgan stated that these types of issues are completely common for this type of project, and he recommended approval. Ed Klein commented that this will not harm the budget. Richard Bohner asked if this change order will complete the need to invest in this facility for the foreseeable future. Chuck Volk replied that there will be a future need to replace the generator due to a declining performance and explained that he will plan to begin design on that project next year.

Mr. Volk asked for approval of the Capital Project Authorization – Amendment No. 2 for the Electrical Contract Change Order to Shannon A. Smith, Inc. in the amount of \$45,544.87.

On a motion by Linda Rosenfeld, seconded by Jeff Morgan, the Board approved the Capital Project Authorization – Amendment No. 2 for the Electrical Contract Change Order to Shannon A. Smith, Inc. in the amount of \$45,544.87 (7-0).

MONTHLY PROJECT UPDATES / INFORMATION ITEMS

Liesel Gross reviewed the report and highlighted items for the April 27, 2020 Board meeting. Ms. Gross also noted that in May there will be a presentation by the Auditors regarding the 2019 audit.

Chairman Nagle questioned why there is a temporary hold on the Allentown Division SCADA system replacement project. Chris Moughan explained that due to the COVID-19 pandemic emergency, no external contractors are allowed in LCA's facilities. The system is working well, but will require an additional four days to complete once the emergency is lifted.

STAFF COMMENTS

Liesel Gross updated the Board on the COVID-19 Pandemic planning noting that the entire structure at the Authority has changed. Ms. Gross stated she is proud of the employees for their cooperation. There are approximately 45-50 employees working from home thanks to the tremendous effort by the IT department. The various operations departments have restructured their schedules to allow for proper social distancing and employee health protection, and many new protocols have been put in place across the entire organization to limit face-to-face contact between employees and with the public. She reported that the new arrangements seem to be working well. Supervisors have been performing wellness checks daily as an early warning sign of any sick employees. On the customer side, the offices are closed and in-home customer visits have been eliminated, except in case of an emergency. Water service termination and penalties have been suspended to support customer payment of their water and sewer bills.

Kevin Baker asked if there have been changes in the water consumption. Liesel Gross said it's too early to tell. Many of the Authority's large industrial customers are still operating because they are considered to be life-sustaining businesses. There are some sewer challenges due to the flushing of items that should not be flushed, such as paper towels and baby wipes, and there is a slight increase in fats, oils and grease coming from increased household usage.

Chairman Nagle asked about employee morale. Ms. Gross stated that employees have been exceptionally flexible and she is received positive feedback, but employees are understandably worried about the situation. She also acknowledged that many employees are working less desirable shifts as a result of the change in operations. She noted that employee cooperation and support has been very strong, which is greatly appreciated. Chairman Nagle commented that the employees are doing a great job. Ed Klein commented he is pleased with groups of employees being cooperative. John Parsons commented that Operations is getting by and people are adapting. Chuck Volk commented that the pretreatment plant is operating similar to the Operations group and are split into two shifts to reduce employee interaction. Susan Sampson commented that the customer service group is working remotely taking care of customers daily and the field metering crew is taking extra safety precautions.

SOLICITOR'S COMMENTS

None.

PUBLIC COMMENTS / OTHER COMMENTS

Jennifer McKenna, City of Allentown Compliance Office, suggested changing the wording to the Monthly Project Updates, Allentown Division – Water Filtration Plant SCADA System Replacement to read "On hold temporarily due to COVID-19" for better explanation. Ms. McKenna complimented the Authority on the way it is conducting its teleconference Board meetings. Liesel Gross credited Chris Moughan for his work on this. Chairman Nagle gave recognition to all employees.

EXECUTIVE SESSION

None.

ADJOURNMENT

There being no further business, the Chairman adjou	rned the meeting at 1:12 p.m.	
	Richard Bohner	
	Secretary	

MEMORANDUM

Date: April 27, 2020

To: Lehigh County Authority Board of Directors

From: Amy Kunkel, Chuck Volk

Subject: Suburban Division – Arcadia West Water

Storage Tank Replacement - Design Phase

MOTIONS / APPROVALS REQUESTED:

No.	Item	Amount
1	Capital Project Authorization – Design Phase	\$138,100
2	Professional Services Authorization – Entech Engineering (1), (2)	\$68,100

- (1) Included in the Capital Project Authorization.
- (2) Does not includes Construction phase related engineering services.

PROJECT OVERVIEW:

The Arcadia West Water System is a small "developer built" system that was acquired by LCA in 2003 and serves approximately 24 commercial/industrial customers and the Weisenberg Elementary School. Water storage for the system consists of a 280,300 gallon bolted steel tank. The tank was originally built in 1999 by the Arcadia Development Corporation. In addition to providing water for domestic usage, the tank also provides fire protection to the industrial customers through high service booster pumps.

An evaluation of the tank was performed by Suez in 2018 which noted corrosion of the tank on both the interior and exterior included recommendations for improvements for regulatory compliance and recommendations for a new coating system. The inspection also noted two leaks under the tank floor. In addition, two holes in the tank walls have been repaired in the last few years. Seasonal leaks have developed at bolt hole locations and there is concern that continued tightening of the bolts by LCA personnel will result in stripping of the bolts. In 2019 LCA contracted with Entech Engineering to prepare an engineering report evaluating options for the repair or replacement of the tank while maintaining service and fire protection to customers. The option recommended by Entech and ultimately selected by LCA was to replace the tank with a new concrete tank built adjacent to the existing tank.

The new tank is proposed to be built on the existing easement adjacent to the existing tank, and will include water main connections, foundations, structural support, coating, mechanical, electrical, control and instrumentation systems and related site work. The existing tank and foundation will be demolished and removed once the new tank is completed.

FUNDING:

This Project will be funded by the LCA Suburban Division

BUDGET AMENDMENT

Not required for this approval

PROJECT STATUS:

Pending Board approval of the Design Phase.

THIS APPROVAL-DESIGN PHASE

Lehigh County Authority (LCA) intends to retain the services of an engineering consulting firm to provide design related services. Approval for construction related engineering services will be requested with the Construction Phase authorization. The following table summarizes the professional services to be performed:

	Professional Services (1)
1.	Attend kickoff meeting.
2.	New reservoir design
3.	Prepare Maintenance of Operation Plan
4.	Apply for state and local permits.
5.	Prepare construction bid documents (plans and specifications).
6.	Provide bidding services

1. For Design and Bid Phase.

CONSULTANT SELECTION PROCESS:

Three engineering firms, Entech Engineering, GHD, and ARRO Consulting, Inc. were invited to submit proposals for the project in February 2020. The firms were selected based on prior LCA project performance and/or general expertise with water storage tanks. The consultants were allowed access to the site to assess site conditions and ask questions related to the design work. Proposals were received on March 27, 2020, the results of which follow:

Consultant	Cost (1)
Entech Engineering	\$68,100
GHD	\$80,007
ARRO Consulting, Inc.	\$109,653.55

(1) Total Proposal Cost

Based upon our review of all aspects of both the Technical and Cost Proposals submitted by the three firms, we recommend award of the Design Phase services to Entech Engineering. Their proposal is on scope and represents what we believe is the best overall value for the Authority. Entech Engineering will perform the services outlined in their proposal.

ENTECH ENGINEERING - COMPANY INFORMATION & REFERENCE CHECK:

Established in 1981, Entech Engineering is a multi-disciplinary engineering consulting firm headquartered in Reading, PA, with additional satellite offices across PA.. With more than 120 professional and support staff, Entech has sufficient personnel in the required disciplines to guarantee continuity and continued progress on all disciplines this contract requires. Entech prepared the 2019 Arcadia West Water Storage Tank Engineering Report and has completed numerous water storage tank designs for various Authorities in Pennsylvania. They are the design engineer for the Wynnewood and Sand Springs Wastewater Treatment Plant Replacement projects.

PROJECT SCHEDULE:

At this juncture the construction portion of this project is anticipated to be bid in the first quarter of 2021 with completion of construction by the first quarter of 2022.

FUTURE AUTHORIZATIONS- CONSTRUCTION PHASE:

After the construction contract(s) bids are received, a Capital Project Authorization (CPA) Amendment will be presented to the Board for approval of the Construction Phase; and will include construction contract award(s), professional services amendment for construction related services, staff costs and other related components.



1053 Spruce Road * P.O. Box 3348 * Allentown, PA 18106-0348 (610)398-2503 * FAX (610)398-8413

PROFESSIONAL SERVICES AUTHORIZATION

Professional:	Entech Engineering, Inc.	Date:	April 27, 2020
	201 Penn Street	Requested By:	Amy Kunkel
	PO Box 32	Approvals	
	Reading, PA 19603	Department Head:	
	-	Chief Executive	
		Officer:	
Suburban Divis	sion- Arcadia West Water Stora	ge Tank Replacement	
<u>Previous Author</u>	rizations- None		
This Authoriza	tion – Design Phase: \$68,100		
Entech Engineer project.	ring, Inc will provide design er	ngineering related services	s for the aforementioned
Г	Profession	nal Services	
	 Attend kick off meeting 		
	2. Design of new concrete water	storage tank and related upgra-	des
3	Complete state and local perm submissions	it applications and administer	
	4. Prepare construction bid docur	ments (plans and specifications	s)
	5. Provide bid phase services		,
	not to be exceeded without further Completion Deadline: As require	,	\$ 68,100 Juirements
	(For Auth	ority Use Only)	
Authorization (Completion:		
Approval:	Actual (Cost: Date	e:

OJECT TITLE:				-	Capital
	Arcadia West V	Vater Storage T	ank Replacement	PROJECT TYPE:	
				Construction Engineering St	ndv
HIS AUTHORIZATION:	\$138,100			Equipment Pur	•
O DATE (W/ ABOVE)	\$138,100			Amendment	
ESCRIPTION AND BENE	FITS:				
tank of the same vol the original tank, si	ume built adjacent te work and related	to the existing ta	ank. The design included electrical work. Er	orage tank with a new condes demolition and renutech Engineering will d ready by the first qu	noval of be used
Reference the attach	ned Memorandum f	or additional inf	formation.		
	Pre	vious Authoriza	tions		
None					
	REQUESTE	D THIS AUTH			
G. 99		Design Phase		\$30,000	
Staff Engineering Co	maultant Entack	Engineering		\$68,100	
Easements	onsultant – Entech	Engineering		\$25,000	
Legal				\$5,000	
Contingency				\$10,000	
Total This Author	rization			\$138,100	
	F	uture Authorizat	ion		
Construction Phase	e			\$1,000,000	
Total Estimated Pr	oject			\$1,138,100	
EVIEW AND APPROVAL	s:				
Project Manage	r	Date	Chief Exec	eutive Officer	Date
Chief Capital Works	Officer	Date	Cha	irman	Date

MEMORANDUM

Date: April 27, 2020

To: LCA Board of Directors

Liesel Gross, C.E.O.

From: Phil DePoe, Interim Senior Planning Engineer

Subject: Kline's Island Sewer System - Regional Sewer Capacity & Wet-Weather

Planning: Sewage Billing Meter QA/QC Data Analytics and 2021 Flow

Metering Preparation

MOTIONS / APPROVALS REQUESTED:

No.	Item	Amount
1	Professional Services Authorization – Arcadis	\$75,000

PROJECT OVERVIEW

As part of the Interim Act 537 Plan, the municipalities served by the Kline's Island Sewer System have committed to completing a flow metering and modeling project beginning in 2021. The flow metering data will be used to prepare modeling and identifying the capital improvements needed to meet the future sewage capacity needs of the region through 2050. The flow metering will include a mix of approximately 100 temporary meters and the existing approximately 30 sewage billing meters. Data delivery and storage procedures, quality assurance, and flow analytics need implemented in 2020 for these sewage billing meters.

The primary result desired from this work is a clear determination of which existing sewage billing meters (SBMs) can be used for purposes of conducting this rigorous flow monitoring in 2021, as described in the draft Interim Act 537 plan. If this work results in a determination that an SBM cannot be utilized for the 2021 flow monitoring program, a temporary meter will need to be used in its place. Due to the cost of temporary metering (approximately \$10,000 per meter), maximizing the use of existing SBMs will result in considerable cost savings for the region.

This will be the second phase of this Sewage Billing Meter (SBM) program development. Phase 1 included an initial investigation and field review of the physical SBM characteristics. This task was performed in 2018 and 2019. Many SBMs required minor modifications that have been addressed. Phase 2 of this work is described below.

FINANCIAL

Costs associated with the ongoing SBM program development will be paid by the City of Allentown and reimbursed through existing intermunicipal agreements and by City customers through the use of the Administrative Order Fee.

PROJECT STATUS

Pending Board approval of this second phase in the SBM program development. This is a requirement of the Act 537 Plan development process that is due to DEP in 2025.

PROFESSIONAL SERVICES - PLANNING PHASE

Under terms of the Lease, the City has instructed LCA to utilize Arcadis for this SBM program development. This authorization includes the following two tasks:

- Task 1: Sewage Billing Meter Data Delivery and Storage Procedures; Tool Development and Accessibility Determination
 - o Review each Signatory's SBM electronic data delivery platform
 - Develop frequency of data upload and quality assurance protocols
 - Establish triggers points for evaluation when data falls outside of acceptable variances
 - Conduct two-week data collection trial period in late July 2020
- Task 2: Initial Data Quality Assurance and Flow Analytics
 - O Collect data for a minimum of 30 days to a maximum of 90 days in the fourth quarter of 2020
 - Analyze data for quality assurance and conduct a preliminary assessment of key characteristics (such as the effect of rainfall on measured flows and diurnal flow patterns) captured by each meter
 - O Present summary spreadsheet of findings including a final determination regarding which SBMs can be used in the 2021 flow monitoring program

PROJECT SCHEDULE

Assuming Board approval of this latest SBM program phase at the April 27, 2020 meeting, initial data collection and analysis will commence immediately, with the initial trial period scheduled for July 2020. The actual data transfer logistics and protocol will be finalized in the third quarter of 2020, and one- to three-month final trial period conducted in the fourth quarter of 2020. Decisions on SBM inclusion for the 2021 metering program will be made in conjunction with the relevant stakeholders by the end of the year.

FUTURE AUTHORIZATIONS

No future authorizations are anticipated with this SBM program development. This is the second and final phase.



PROFESSIONAL SERVICES AUTHORIZATION AMENDMENT NO. 1

Professional:	ARCADIS U.S., INC. 1128 Walnut Street, 4 th Floor Philadelphia, PA 19107	Date: Requested By: Approvals Department Head: Chief Executive Officer:	April 27, 2020 Phil DePoe
Meter QA/QC As part of the System have c The flow mete improvements flow metering Data delivery	Sewer System – Regional Sewer C Data Analytics and 2021 Flow Me Interim Act 537 Plan, the municip committed to completing a flow moring data will be used to prepare a needed to meet the future sewage will include a mix of temporary rand storage procedures, quality as see sewage billing meters. This prepare	tering Preparation palities served by the Kline tering and modeling projudeling and identifying capacity needs of the regueters and the existing servessurance, and flow analytical	ne's Island Sewer ect beginning in 2021. the capital gion through 2050. The wage billing meters. cs need implemented
	Professiona Establish procedures, tools, a continuously/regularly received collected data Develop baseline and rainfall serve as the benchmark for Q Complete all work in time to project - including final determined in the 2021 monitor excluded due to site issues or	I flow patterns for each meter DA/QC checks use the meters for the 2021 rmination of which SBMs caring program, and which mu	an be
SBM Physical SBM QA/QC I Cost Estimate	For Program Development Services Only. QA/QC (Prior): \$40,000 Data Analytics Proposal (This American Analytics Proposal) (not to be exceeded without furthed Completion Deadline: As required)	endment): \$75,000 or authorization): \$115,000	
Authorization C		rity Use Only)	

Approval: ______ Date: _____



Phil DePoe, P.E. Capital Works Program Manager Lehigh County Authority 1053 Spruce Road Allentown, PA 18106-0348

RE: Sewage Billing Meter QAQC Data Analytics and 2021 Flow Metering Preparation

Dear Mr. DePoe:

Arcadis is pleased to provide the City of Allentown through their operating agreement with Lehigh County Authority (LCA) the following scope and budget to provide engineering services related to the next phase of sewage billing meter (SBM) program development.

Most of the 35 SBMs, with the exception of the 4 Emmaus meters (which are being completely overhauled) and the 8 smaller (<50,000 gpd) Salisbury Township meters, all SBMs are or will be capable of delivering accurate electronic flow data across the anticipated range of flow conditions by June 2020. In addition to the normal ongoing use of these data for billing and peak flow reporting, these meters will represent a significant portion of the data collected to characterize flows and calibrate the expanded Kline's Island Sewer System (KISS) model. This proposed scope of work is intended to ensure these SBMs meet these needed data quality objectives by January 2021 so that, if they don't, temporary meters can be installed in their place. The attached project schedule shows the task and implementation sequence/schedule needed to meet this timeline. The Covid-19 circumstance will impact schedule but given current forecasts I believe we have sufficient slack in the schedule to achieve the goals.

OBJECTIVES

There are three primary goals of this work:

- Establish procedures, tools, and storage database to continuously/regularly receive and append to previously collected data (hopefully automatically or with as little manual work as possible) from all SBMs and check flow data they load into the storage database properly.
- Develop baseline and rainfall flow patterns for each meter to serve as the benchmark for routine QAQC checks that meter continues to perform properly.
- Complete all work in time to use these meters for the 2021 flow metering project, including final determination of which SBMs can be included in the 2021 monitoring program, and which must be excluded due to site issues or data deficiencies.

ARCADIS U.S., Inc.
1128 Walnut Street, 4th Floor
Philadelphia, PA 19107
Tel 215-625-0850
Fax 215-625-0172
www.arcadis-us.com

Date:

April 8, 2020

Contact:

Jim Shelton

Phone:

302.723.1450

Email:

James.Shelton@arcadis.com

SCOPE OF WORK

This phase of the sewage billing meter program includes the following tasks:

Task 1 – Sewage Billing Meter Data Delivery and Storage Procedures and Tool Development and Accessibility Determination

Working with LCA staff, Arcadis will meet with each Signatory to review each meter's individual electronic delivery platform, develop API and/or SharePoint query and retrieve programming/scripts, establish time consistency scrubs, allocate and format data storage site(s), and develop PowerBI dashboards for management and operations review and use of the data.

Arcadis will develop upload frequency, QAQC procedures for check-in and acceptance of data sets, data quality objectives, flow analytic procedures and frequencies, and triggers/alarms if data fall outside bounds of the data quality objectives. Arcadis will develop tools needed to conduct these items.

Arcadis will work with LCA and the Signatories to conduct a two-week data capture trial, then follow that up with an additional one-week data capture trial for any meters that failed the first trial. This work needs to be started no later than mid-June 2020 and completed by mid-September 2020. This work will be reduced if significant SBMs are not available and portable meters are instead installed in 2021. Any SBM meter not capable of electronic data transfer capabilities will be fitted with an RTU by City via LCA's flow metering contract with Flow Assessment Services in time to participate in the July 15-30 data capture trial.

Task 2 - Initial Data QA/QC and Flow Analytics

Once the SBMs are integrated into the Task 1 data capture program, 90 days of data will be collected. For the purposes of this scope and budget, it is assumed that of the 35 SBMs, the 4 Emmaus meters and the 9 smaller Salisbury Township meters will not be included. This work will be reduced if significant SBMs are not available and portable meters are instead installed in 2021.

Arcadis will tailor a time series analyzer (TSA - either Oracle-based or PowerBI-based) to support this work. Arcadis will also develop an SBM QAQC Tracker spreadsheet to track work and performance. Arcadis will acquire the 90 days of data from the LCA storage site, review in Excel, note gaps in the data logs, and load the .csv files into the TSA.

Arcadis will then develop gross and net hydrographs and scattergraphs for each SBM to develop base line flow condition patterns. Baseflow patterns will be developed for each day of the week. These will be linked to the SBM QAQC Tracker. Arcadis will assess scattergraph pattern (depth vs velocity/flow) to discern site anomalies (backwater, diurnal changes, commercial/industrial impacts to flow patterns, response to rainfall). Arcadis will calculate average dry day flow rate, depth, velocity, baseline infiltration, total volume dry day, and total monthly volume. If available, Arcadis will compare results to previous data.

Arcadis will evaluate each SBM's response to rainfall using available rain gauge data. Wet weather flow statistics (RDII volume, QvI, peaking factor, RDII volume/miles sewer, immediacy of responses, return to normal flow delay) will be calculated. Arcadis will evaluate the shape of rainfall impacted hydrographs to

Phil DePoe April 8, 2020

assess the nature and extent of sources. Arcadis will prepare a spreadsheet summary of findings and present all findings in a workshop meeting, including final determination of which SBMs can be included in the 2021 monitoring program, and which must be excluded due to site issues or data deficiencies.

BUDGET ESTIMATE

We propose to complete these services on a time and materials basis in accordance with the Agreement between LCA and Malcolm Pirnie, Inc. and the current Summary of Standard Charges for Lehigh County Authority. The cost of these services is estimated to \$75,000. We will not exceed this budget without prior authorization from LCA. Payment for services will be based upon the actual labor and expenses incurred.

Please contact me with your authorization to proceed if this scope and budget are acceptable to you. If you have any questions, please do not hesitate to contact me.

Sincerely,

Arcadis U.S., Inc.

James W. Shelton, PE

James W. Shelton

Vice President

LEHIGH COUNTY AUTHORITY FINANCIAL STATEMENTS MARCH 2020

LEHIGH COUNTY AUTHORITY FINANCIAL STATEMENTS - SUMMARY MARCH 2020

		MONTH				YEAR-TO-DATE						FULL YEAR					
Actual	Forecast	Prior Year	FC Var	PY Var	MARCH 2020	Actual	Forecast	Prior Year	FC Var	PY Var	Forecast	Budget	Prior Year	Bud Var	PY Var		
·					Income Statement												
(46,669)	(52,885)	(21,353)	6,216	(25,316)	Suburban Water	68,968	34,536	(8,604)	34,432	77,572	(78,408)	(78,407)	811,663	(1)	(890,071)		
13,587	(21,775)	(329,373)	35,362	342,960	Suburban Wastewater	2,991,222	2,868,058	(66,631)	123,164	3,057,853	1,280,700	(1,269,292)	(967,554)	2,549,992	2,248,254		
(189,987)	(208,507)	105,775	18,520	(295,762)	City Division	(123,738)	(195,571)	(229,855)	71,833	106,117	(4,106,580)	(4,106,561)	(2,102,351)	(19)	(2,004,229)		
(223,069)	(283,167)	(244,951)	60,098	21,882	Total LCA	2,936,452	2,707,023	(305,090)	229,429	3,241,542	(2,904,288)	(5,454,260)	(2,258,242)	2,549,972	(646,046)		
					Cash Flow Statement												
592,169	582,334	(198,238)	9,835	790,407	Suburban Water	238,504	210,193	802,229	28,311	(563,725)	(2,048,280)	(2,048,282)	2,470,117	2	(4,518,397)		
(430,772)	(537,179)	(398,853)	106,407	(31,919)	Suburban Wastewater	376,456	53,790	(2,837,840)	322,666	3,214,296	20,034,852	17,484,855	(1,600,328)	2,549,997	21,635,180		
1,965,404	1,948,526	2,433,899	16,878	(468,495)	City Division	4,274,440	4,040,786	233,654	233,654	4,040,786	3,142,942	3,142,950	7,412,882	(8)	_(4,269,940)		
2,126,801	1,993,681	1,836,808	133,120	289,993	Total LCA	4,889,400	4,304,769	(1,801,957)	584,631	6,691,357	21,129,514	18,579,523	8,282,671	2,549,991	12,846,843		
					Debt Service Coverage Ratio												
1.08	1.08	1.32	(0.00)	(0.24)	Suburban Water	1.33	1.31	1.36	0.03	(0.03)	1.25	1.25	1.59	0.00	(0.34)		
3.07	2.81	1.37	0.26	1.71	Suburban Wastewater	10.38	10.07	6.71	0.30	3.67	4.14	2.56	5.68	1.58	(1.54)		
1.33	1.32	1.65	0.01	(0.32)	City Division	1.45	1.43	1.50	0.02	(0.05)	1.34	1.34	1.48	-	(0.15)		

LEHIGH COUNTY AUTHORITY CONSOLIDATED FINANCIAL STATEMENTS MARCH 2020

	MON	TH		MARCH 2020	YEAR-TO-DATE		FULL YEAR FORECAST				FULL YEAR BUDGET					
Sub W	Sub WW	City	LCA	INCOME STATEMENT	Sub W	Sub WW	City	LCA	Sub W	Sub WW	City	LCA	Sub W	Sub WW	City	LCA
				Operating Revenues												
805,825	1,233,717	3,339,347	5,378,889	User Charges	2,432,522	3,858,406	9,644,907	15,935,835	10,582,032	16,446,156	38,712,480	65,740,668	10,582,010	16,446,154	38,712,488	65,740,652
32,458	52,014	9,608	94,080	Connection & System Charges	79,361	2,770,308	42,002	2,891,671	776,496	3,396,288	2,959,800	7,132,584	776,500	846,282	2,959,800	4,582,582
838,283	1,285,731	3,348,955	5,472,969	Total Operating Revenues	2,511,883	6,628,714	9,686,909	18,827,506	11,358,528	19,842,444	41,672,280	72,873,252	11,358,510	17,292,436	41,672,288	70,323,234
				Operating Expenses												
116,068	51,114	1,145,092	1,312,274	Personnel Costs	386,630	179,292	2,125,392	2,691,314	2,106,228	992,544	7,883,196	10,981,968	2,106,222	992,555	7,883,195	10,981,972
131,484	62,280	80,362	274,126	General and Administrative	250,647	133,713	971,743	1,356,103	1,193,832	452,688	4,604,676	6,251,196	1,193,837	452,684	4,604,681	6,251,202
37,821	23,147	153,485	214,453	Utilities	97,397	69,137	450,717	617,251	596,544	464,328	2,141,064	3,201,936	596,540	464,325	2,141,069	3,201,934
14,622	30,195	127,559	172,376	Materials and Supplies	44,400	69,646	277,788	391,834	563,004	430,152	1,688,640	2,681,796	563,005	430,139	1,688,624	2,681,768
181,272	728,506	71,091	980,869	Miscellaneous Services	582,506	2,054,803	207,366	2,844,675	2,875,140	10,015,956	2,342,340	15,233,436	2,875,124	10,015,943	2,342,341	15,233,408
-	-	-	-	Treatment & Transportation	-	-	-	-	-	-	-	-	-	-	-	-
220,000	383,460	490,000	1,093,460	Depreciation and Amortization	660,000	1,150,380	1,470,000	3,280,380	2,750,004	4,602,996	5,880,000	13,233,000	2,750,000	4,603,000	5,880,000	13,233,000
66,532	6,032	47,350	119,914	Other Expenses	67,501	10,624	92,775	170,900	3,396	999,996	2,782,920	3,786,312	3,400	1,000,000	2,782,916	3,786,316
767,799	1,284,734	2,114,939	4,167,472	Total Operating Expenses	2,089,081	3,667,595	5,595,781	11,352,457	10,088,148	17,958,660	27,322,836	55,369,644	10,088,128	17,958,646	27,322,826	55,369,600
70,484	997	1,234,016	1,305,497	Net Operating Income	422,802	2,961,119	4,091,128	7,475,049	1,270,380	1,883,784	14,349,444	17,503,608	1,270,382	(666,210)	14,349,462	14,953,634
				Non-Operating Income (Expense)												
8,946	21,899	29,280	60,125	Interest Income	32,177	65,091	152,298	249,566	159,996	200,004	900,000	1,260,000	160,000	200,000	900,000	1,260,000
(127,692)	(17,105)	(1,453,283)	(1,598,080)	Interest Expense	(383,176)	(51,141)	(4,359,849)	(4,794,166)	(1,508,784)	(803,088)	(19,356,024)	(21,667,896)	(1,508,789)	(803,082)	(19,356,023)	(21,667,894)
1,593	7,796		9,389	Other Miscellaneous Income (Expenses)	(2,835)	16,153	(7,315)	6,003								
(117,153)	12,590	(1,424,003)	(1,528,566)	Net Non-Operating Income (Expense)	(353,834)	30,103	(4,214,866)	(4,538,597)	(1,348,788)	(603,084)	(18,456,024)	(20,407,896)	(1,348,789)	(603,082)	(18,456,023)	(20,407,894)
(46,669)	13,587	(189,987)	(223,069)	Net Income Before Capital Contributions	68,968	2,991,222	(123,738)	2,936,452	(78,408)	1,280,700	(4,106,580)	(2,904,288)	(78,407)	(1,269,292)	(4,106,561)	(5,454,260)
-	-	-	-	Capital Contributions	-	-	-	-	-	-	-	-	-	-	-	-
(46,669)	13,587	(189,987)	(223,069)	NET INCOME	68,968	2,991,222	(123,738)	2,936,452	(78,408)	1,280,700	(4,106,580)	(2,904,288)	(78,407)	(1,269,292)	(4,106,561)	(5,454,260)
	MON	ITII		MARCH 2020		YEAR-TO	DATE			FULL YEAR	FORFCACE		FULL YEAR BUDGET			
Sub W	Sub WW	City	LCA	CASH FLOW STATEMENT	Sub W	Sub WW	City	LCA	Sub W	Sub WW	City	LCA	Sub W	Sub WW	City	LCA
JUD W	SUD WW			CASH FLOW STATEMENT												
				Cook Flours From Operating Activities												
838 383	1 285 731	<u>-</u> _		Cash Flows From Operating Activities												
838,283 (547,799)	1,285,731	3,348,955	5,472,969	Operating Revenues	2,511,883	6,628,714	9,686,909	18,827,506	11,358,528	19,842,444	41,672,280	72,873,252	11,358,510	17,292,436	41,672,288	70,323,234
(547,799)	(901,274)	3,348,955 (1,624,939)	5,472,969 (3,074,012)	Operating Revenues Operating Expenses (ex D&A)	2,511,883 (1,429,081)	6,628,714 (2,517,215)	9,686,909 (4,125,781)	18,827,506 (8,072,077)								
(547,799) 90,266	(901,274) (486,983)	3,348,955 (1,624,939) 651,196	5,472,969 (3,074,012) 254,479	Operating Revenues Operating Expenses (ex D&A) Non-Cash Working Capital Changes	2,511,883 (1,429,081) (641,628)	6,628,714 (2,517,215) (2,060,123)	9,686,909 (4,125,781) (887,073)	18,827,506 (8,072,077) (3,588,824)	11,358,528 (7,338,144)	19,842,444 (13,355,664)	41,672,280 (21,442,836)	72,873,252 (42,136,644)	11,358,510 (7,338,128)	17,292,436 (13,355,646)	41,672,288 (21,442,826)	70,323,234 (42,136,600)
(547,799)	(901,274)	3,348,955 (1,624,939)	5,472,969 (3,074,012)	Operating Revenues Operating Expenses (ex D&A) Non-Cash Working Capital Changes Net Cash Provided by (Used in) Operating Activities	2,511,883 (1,429,081)	6,628,714 (2,517,215)	9,686,909 (4,125,781)	18,827,506 (8,072,077)	11,358,528	19,842,444	41,672,280	72,873,252	11,358,510	17,292,436	41,672,288	70,323,234
(547,799) 90,266	(901,274) (486,983)	3,348,955 (1,624,939) 651,196	5,472,969 (3,074,012) 254,479	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	2,511,883 (1,429,081) (641,628)	6,628,714 (2,517,215) (2,060,123)	9,686,909 (4,125,781) (887,073)	18,827,506 (8,072,077) (3,588,824)	11,358,528 (7,338,144)	19,842,444 (13,355,664)	41,672,280 (21,442,836)	72,873,252 (42,136,644)	11,358,510 (7,338,128)	17,292,436 (13,355,646)	41,672,288 (21,442,826)	70,323,234 (42,136,600)
(547,799) 90,266	(901,274) (486,983)	3,348,955 (1,624,939) 651,196	5,472,969 (3,074,012) 254,479	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	2,511,883 (1,429,081) (641,628)	6,628,714 (2,517,215) (2,060,123)	9,686,909 (4,125,781) (887,073)	18,827,506 (8,072,077) (3,588,824)	11,358,528 (7,338,144) 	19,842,444 (13,355,664) - 6,486,780	41,672,280 (21,442,836)	72,873,252 (42,136,644) - 30,736,608	11,358,510 (7,338,128) - 4,020,382	17,292,436 (13,355,646) - 3,936,790	41,672,288 (21,442,826)	70,323,234 (42,136,600)
(547,799) 90,266 380,750	(901,274) (486,983) (102,526)	3,348,955 (1,624,939) 651,196	5,472,969 (3,074,012) 254,479 2,653,436	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	2,511,883 (1,429,081) (641,628) 441,174	6,628,714 (2,517,215) (2,060,123) 2,051,376	9,686,909 (4,125,781) (887,073)	18,827,506 (8,072,077) (3,588,824) 7,166,605	11,358,528 (7,338,144) 	19,842,444 (13,355,664) - - - - - - - - - - - - - - - - - - -	41,672,280 (21,442,836) 	72,873,252 (42,136,644) - 30,736,608	11,358,510 (7,338,128) - 4,020,382	17,292,436 (13,355,646) - 3,936,790	41,672,288 (21,442,826) - 20,229,462	70,323,234 (42,136,600)
(547,799) 90,266 380,750	(901,274) (486,983)	3,348,955 (1,624,939) 651,196	5,472,969 (3,074,012) 254,479	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	2,511,883 (1,429,081) (641,628)	6,628,714 (2,517,215) (2,060,123)	9,686,909 (4,125,781) (887,073)	18,827,506 (8,072,077) (3,588,824)	11,358,528 (7,338,144) - - 4,020,384 - 5,119,500 (1,508,784)	19,842,444 (13,355,664) - 6,486,780	41,672,280 (21,442,836)	72,873,252 (42,136,644) - 30,736,608	11,358,510 (7,338,128) - 4,020,382	17,292,436 (13,355,646) - 3,936,790	41,672,288 (21,442,826)	70,323,234 (42,136,600)
(547,799) 90,266 380,750 - (4,342) (30,675)	(901,274) (486,983) (102,526) (14,131) (44,505)	3,348,955 (1,624,939) 651,196	5,472,969 (3,074,012) 254,479 2,653,436	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	2,511,883 (1,429,081) (641,628) 441,174 (13,194) (91,858)	6,628,714 (2,517,215) (2,060,123) 2,051,376	9,686,909 (4,125,781) (887,073)	18,827,506 (8,072,077) (3,588,824) 7,166,605	11,358,528 (7,338,144) - - 4,020,384 - 5,119,500 (1,508,784) (1,832,772)	19,842,444 (13,355,664) - 6,486,780 - 22,635,000 (803,088) (813,348)	41,672,280 (21,442,836) - 20,229,444 - (13,978,236) (1,442,928)	72,873,252 (42,136,644) - 30,736,608 - 27,754,500 (16,290,108) (4,089,048)	11,358,510 (7,338,128) - 4,020,382 - 5,119,500 (1,508,789) (1,832,775)	17,292,436 (13,355,646) - 3,936,790 - 22,635,000 (803,082) (813,353)	41,672,288 (21,442,826) - 20,229,462 - (13,978,238) (1,442,932)	70,323,234 (42,136,600)
(547,799) 90,266 380,750	(901,274) (486,983) (102,526)	3,348,955 (1,624,939) 651,196	5,472,969 (3,074,012) 254,479 2,653,436	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	2,511,883 (1,429,081) (641,628) 441,174	6,628,714 (2,517,215) (2,060,123) 2,051,376	9,686,909 (4,125,781) (887,073)	18,827,506 (8,072,077) (3,588,824) 7,166,605	11,358,528 (7,338,144) - - 4,020,384 - 5,119,500 (1,508,784)	19,842,444 (13,355,664) - - - - - - - - - - - - - - - - - - -	41,672,280 (21,442,836) 	72,873,252 (42,136,644) - 30,736,608 - 27,754,500 (16,290,108)	11,358,510 (7,338,128) - 4,020,382 - 5,119,500 (1,508,789)	17,292,436 (13,355,646) - - 3,936,790 - 22,635,000 (803,082)	41,672,288 (21,442,826) - 20,229,462 - (13,978,238)	70,323,234 (42,136,600)
(547,799) 90,266 380,750 - (4,342) (30,675) (35,017)	(901,274) (486,983) (102,526) - (14,131) (44,505) (58,636)	3,348,955 (1,624,939) 651,196 2,375,212	5,472,969 (3,074,012) 254,479 2,653,436 (18,473) (75,180) (93,653)	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	2,511,883 (1,429,081) (641,628) 441,174 (13,194) (91,858) (105,052)	6,628,714 (2,517,215) (2,060,123) 2,051,376 (42,401) (137,530) (179,931)	9,686,909 (4,125,781) (887,073) 4,674,055	18,827,506 (8,072,077) (3,588,824) 7,166,605 (55,595) (229,388) (284,983)	11,358,528 (7,338,144) - - 4,020,384 - 5,119,500 (1,508,784) (1,832,772)	19,842,444 (13,355,664) - 6,486,780 - 22,635,000 (803,088) (813,348)	41,672,280 (21,442,836) 20,229,444 (13,978,236) (1,442,928) (15,421,164)	72,873,252 (42,136,644) 30,736,608 27,754,500 (16,290,108) (4,089,048) 7,375,344	11,358,510 (7,338,128) - 4,020,382 - 5,119,500 (1,508,789) (1,832,775)	17,292,436 (13,355,646) - 3,936,790 - 22,635,000 (803,082) (813,353)	41,672,288 (21,442,826) - 20,229,462 (13,978,238) (1,442,932) (15,421,170)	70,323,234 (42,136,600) 28,186,634 27,754,500 (16,290,109) (4,089,060) 7,375,331
(547,799) 90,266 380,750 - (4,342) (30,675) (35,017) 1,593	(901,274) (486,983) (102,526) - (14,131) (44,505) (58,636) 7,796	3,348,955 (1,624,939) 651,196 2,375,212	5,472,969 (3,074,012) 254,479 2,653,436 (18,473) (75,180) (93,653)	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)	2,511,883 (1,429,081) (641,628) 441,174 (13,194) (91,858) (105,052)	6,628,714 (2,517,215) (2,060,123) 2,051,376 (42,401) (137,530) (179,931)	9,686,909 (4,125,781) (887,073) 4,674,055	18,827,506 (8,072,077) (3,588,824) 7,166,605 (55,595) (229,388) (284,983)	11,358,528 (7,338,144) - - 4,020,384 - 5,119,500 (1,508,784) (1,832,772) 1,777,944	19,842,444 (13,355,664) 	41,672,280 (21,442,836) - 20,229,444 - (13,978,236) (1,442,928) (15,421,164) (533,258)	72,873,252 (42,136,644) 30,736,608 27,754,500 (16,290,108) (4,089,048) 7,375,344 (533,258)	11,358,510 (7,338,128) - - 4,020,382 - 5,119,500 (1,508,789) (1,832,775) 1,777,936	17,292,436 (13,355,646) - 3,936,790 22,635,000 (803,082) (813,353) 21,018,565	41,672,288 (21,442,826) - 20,229,462 (13,978,238) (1,442,932) (15,421,170) (533,258)	70,323,234 (42,136,600)
(547,799) 90,266 380,750 - (4,342) (30,675) (35,017) 1,593 (257,103)	(901,274) (486,983) (102,526) - (14,131) (44,505) (58,636) 7,796 (1,034,305)	3,348,955 (1,624,939) 651,196 2,375,212 - - - - (266,629) (172,459)	5,472,969 (3,074,012) 254,479 2,653,436 (18,473) (75,180) (93,653) (257,240) (1,463,867)	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	2,511,883 (1,429,081) (641,628) 441,174 (13,194) (91,858) (105,052) (2,835) (619,960)	6,628,714 (2,517,215) (2,060,123) 2,051,376 (42,401) (137,530) (179,931) 16,153 (1,576,233)	9,686,909 (4,125,781) (887,073) 4,674,055	18,827,506 (8,072,077) (3,588,824) 7,166,605 (55,595) (229,388) (284,983) (260,626) (2,474,162)	11,358,528 (7,338,144) 4,020,384 5,119,500 (1,508,784) (1,832,772) 1,777,944	19,842,444 (13,355,664) 6,486,780 22,635,000 (803,088) (813,348) 21,018,564	41,672,280 (21,442,836) 20,229,444 (13,978,236) (1,442,928) (15,421,164) (533,258) (2,032,080)	72,873,252 (42,136,644) 30,736,608 27,754,500 (16,290,108) (4,089,048) 7,375,344 (533,258) (17,709,180)	11,358,510 (7,338,128) 	17,292,436 (13,355,646) 3,936,790 22,635,000 (803,082) (813,353) 21,018,565	41,672,288 (21,442,826) 	70,323,234 (42,136,600) - 28,186,634 - 27,754,500 (16,290,109) (4,089,060) 7,375,331 (533,258) (17,709,184)
(547,799) 90,266 380,750 - (4,342) (30,675) (35,017) 1,593	(901,274) (486,983) (102,526) - (14,131) (44,505) (58,636) 7,796	3,348,955 (1,624,939) 651,196 2,375,212	5,472,969 (3,074,012) 254,479 2,653,436 (18,473) (75,180) (93,653)	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	2,511,883 (1,429,081) (641,628) 441,174 (13,194) (91,858) (105,052)	6,628,714 (2,517,215) (2,060,123) 2,051,376 (42,401) (137,530) (179,931)	9,686,909 (4,125,781) (887,073) 4,674,055	18,827,506 (8,072,077) (3,588,824) 7,166,605 (55,595) (229,388) (284,983)	11,358,528 (7,338,144) - - 4,020,384 - 5,119,500 (1,508,784) (1,832,772) 1,777,944	19,842,444 (13,355,664) 	41,672,280 (21,442,836) - 20,229,444 - (13,978,236) (1,442,928) (15,421,164) (533,258)	72,873,252 (42,136,644) 30,736,608 27,754,500 (16,290,108) (4,089,048) 7,375,344 (533,258)	11,358,510 (7,338,128) - - 4,020,382 - 5,119,500 (1,508,789) (1,832,775) 1,777,936	17,292,436 (13,355,646) - 3,936,790 22,635,000 (803,082) (813,353) 21,018,565	41,672,288 (21,442,826) - 20,229,462 (13,978,238) (1,442,932) (15,421,170) (533,258)	70,323,234 (42,136,600)
(547,799) 90,266 380,750 - (4,342) (30,675) (35,017) 1,593 (257,103) (255,510)	(901,274) (486,983) (102,526) - (14,131) (44,505) (58,636) 7,796 (1,034,305) (1,026,509)	3,348,955 (1,624,939) 651,196 2,375,212 - - - - (266,629) (172,459)	5,472,969 (3,074,012) 254,479 2,653,436 (18,473) (75,180) (93,653) (257,240) (1,463,867) (1,721,107)	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	2.511,883 (1,429,081) (641,628) 441,174 (13,194) (91,858) (105,052) (2,835) (619,960) (622,795)	6,628,714 (2,517,215) (2,060,123) 2,051,376 (42,401) (137,530) (179,931) 16,153 (1,576,233) (1,560,080)	9,686,909 (4,125,781) (887,073) 4,674,055	18.827,506 (8,072,077) (3,588,824) 7,166,605 (55,595) (229,388) (284,983) (260,626) (2,474,162) (2,734,788)	11,358,528 (7,338,144) - 4,020,384 - 5,119,500 (1,508,784) (1,832,772) 1,777,944 - (8,006,604)	19,842,444 (13,355,664) 6,486,780 22,635,000 (803,088) (813,348) 21,018,564	41,672,280 (21,442,836) 20,229,444 (13,978,236) (1,442,928) (15,421,164) (533,258) (2,032,080)	72,873,252 (42,136,644) - 30,736,608 27,754,500 (16,290,108) (4,089,048) 7,375,344 (533,258) (17,709,180) (18,242,438)	11,358,510 (7,338,128) 	17,292,436 (13,355,646) 3,936,790 22,635,000 (803,082) (813,353) 21,018,565	41,672,288 (21,442,826) 	70,323,234 (42,136,600) - 28,186,634 - 27,754,500 (16,290,109) (4,089,060) 7,375,331 (533,258) (17,709,184)
(547,799) 90,266 380,750 - (4,342) (30,675) (35,017) 1,593 (257,103)	(901,274) (486,983) (102,526) - (14,131) (44,505) (58,636) 7,796 (1,034,305)	3,348,955 (1,624,939) 651,196 2,375,212 - - - - (266,629) (172,459)	5,472,969 (3,074,012) 254,479 2,653,436 (18,473) (75,180) (93,653) (257,240) (1,463,867)	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	2.511,883 (1,429,081) (641,628) 441,174 (13,194) (91,858) (105,052) (2,835) (619,960) (622,795)	6,628,714 (2,517,215) (2,060,123) 2,051,376 (42,401) (137,530) (179,931) 16,153 (1,576,233) (1,560,080) 1,233,000	9,686,909 (4,125,781) (887,073) 4,674,055	18,827,506 (8,072,077) (3,588,824) 7,166,605 (55,595) (229,388) (284,983) (260,626) (2,474,162) (2,734,788) 2,469,000	11,358,528 (7,338,144) 4,020,384 5,119,500 (1,508,784) (1,832,772) 1,777,944 (8,006,604) (8,006,604)	19,842,444 (13,355,664) 6,486,780 22,635,000 (803,088) (813,348) 21,018,564	41,672,280 (21,442,836) 20,229,444 (13,978,236) (1,442,928) (15,421,164) (533,258) (2,032,080)	72,873,252 (42,136,644) 30,736,608 27,754,500 (16,290,108) (4,089,048) 7,375,344 (533,258) (17,709,180) (18,242,438) 743,000	11,358,510 (7,338,128) 	17,292,436 (13,355,646) 3,936,790 22,635,000 (803,082) (813,353) 21,018,565	41,672,288 (21,442,826) 	70,323,234 (42,136,600) - 28,186,634 - 27,754,500 (16,290,109) (4,089,060) 7,375,331 (533,258) (17,709,184)
(547,799) 90,266 380,750 (4,342) (30,675) (35,017) 1,593 (257,103) (255,510) 493,000	(901,274) (486,983) (102,526) - (14,131) (44,505) (58,636) 7,796 (1,034,305) (1,026,509)	3,348,955 (1,624,939) 651,196 2,375,212 (266,629) (172,459) (439,088)	5,472,969 (3,074,012) 254,479 2,653,436 (18,473) (75,180) (93,653) (257,240) (1,463,867) (1,721,107)	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 Investments Converting To Cash Purchased Invesments	2,511,883 (1,429,081) (641,628) 441,174 (13,194) (91,858) (105,052) (2,835) (619,960) (622,795) 1,236,000 (743,000)	6,628,714 (2,517,215) (2,060,123) 2,051,376 (42,401) (137,530) (179,931) 16,153 (1,576,233) (1,560,080) 1,233,000 (1,233,000)	9,686,909 (4,125,781) (887,073) 4,674,055	18,827,506 (8,072,077) (3,588,824) 7,166,605 (55,595) (229,388) (284,983) (260,626) (2,474,162) (2,734,788) 2,469,000 (1,976,000)	11,358,528 (7,338,144) 4,020,384 5,119,500 (1,508,784) (1,832,772) 1,777,944 (8,006,604) (8,006,604) 743,000 (743,000)	19,842,444 (13,355,664) 6,486,780 22,635,000 (803,088) (813,348) 21,018,564 (7,670,496)	41,672,280 (21,442,836) 20,229,444 (13,978,236) (1,442,928) (15,421,164) (533,258) (2,032,080) (2,565,338)	72,873,252 (42,136,644) 30,736,608 27,754,500 (16,290,108) (4,089,048) 7,375,344 (533,258) (17,709,180) (18,242,438) 743,000 (743,000)	11,358,510 (7,338,128) 	17,292,436 (13,355,646) 3,936,790 22,635,000 (803,082) (813,353) 21,018,565 (7,670,500) (7,670,500)	41,672,288 (21,442,826) 20,229,462 (13,978,238) (1,442,932) (15,421,170) (533,258) (2,032,084) (2,565,342)	70,323,234 (42,136,600) 28,186,634 27,754,500 (16,290,109) (4,089,060) 7,375,331 (533,258) (17,709,184) (18,242,442)
(547,799) 90,266 380,750 (4,342) (30,675) (35,017) 1,593 (257,103) (255,510) 493,000 8,946	(901,274) (486,983) (102,526) - (14,131) (44,505) (58,636) 7,796 (1,034,305) (1,026,509) 735,000 - 21,899	3,348,955 (1,624,939) 651,196 2,375,212 - - - (266,629) (172,459) (439,088)	5,472,969 (3,074,012) 254,479 2,653,436 (18,473) (75,180) (93,653) (257,240) (1,463,867) (1,721,107) 1,228,000	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 Investments Converting To Cash Purchased Invesments Interest Income	2.511,883 (1.429,081) (641,628) 441,174 (13,194) (91,858) (105,052) (2,835) (619,960) (622,795) 1,236,000 (743,000) 32,177	6,628,714 (2,517,215) (2,060,123) 2,051,376 (42,401) (137,530) (179,931) 16,153 (1,576,233) (1,560,080) 1,233,000 (1,233,000) (5,091)	9,686,909 (4,125,781) (887,073) 4,674,055	18,827,506 (8,072,077) (3,588,824) 7,166,605 (55,595) (229,388) (284,983) (260,626) (2,474,162) (2,734,788) 2,469,000 (1,976,000) 249,566	11,358,528 (7,338,144) - 4,020,384 5,119,500 (1,508,784) (1,832,772) 1,777,944 (8,006,604) (8,006,604) 743,000 (743,000 159,996	19,842,444 (13,355,664) 	41,672,280 (21,442,836) - 20,229,444 (13,978,236) (1,442,928) (15,421,164) (533,258) (2,032,080) (2,565,338)	72,873,252 (42,136,644) 	11,358,510 (7,338,128) - 4,020,382 - 5,119,500 (1,508,789) (1,832,775) 1,777,936 - (8,006,600) (8,006,600)	17,292,436 (13,355,646) - 3,936,790 22,635,000 (803,082) (813,353) 21,018,565 - (7,670,500) (7,670,500)	41,672,288 (21,442,826) 20,229,462 (13,978,238) (1,442,932) (15,421,170) (533,258) (2,032,084) (2,565,342)	70,323,234 (42,136,600) - 28,186,634 - 27,754,500 (16,290,109) (4,089,060) 7,375,331 (533,258) (17,709,184) (18,242,442) - 1,260,000
(547,799) 90,266 380,750 (4,342) (30,675) (35,017) 1,593 (257,103) (255,510) 493,000	(901,274) (486,983) (102,526) - (14,131) (44,505) (58,636) 7,796 (1,034,305) (1,026,509)	3,348,955 (1,624,939) 651,196 2,375,212 (266,629) (172,459) (439,088)	5,472,969 (3,074,012) 254,479 2,653,436 (18,473) (75,180) (93,653) (257,240) (1,463,867) (1,721,107)	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 Investments Converting To Cash Purchased Invesments	2,511,883 (1,429,081) (641,628) 441,174 (13,194) (91,858) (105,052) (2,835) (619,960) (622,795) 1,236,000 (743,000)	6,628,714 (2,517,215) (2,060,123) 2,051,376 (42,401) (137,530) (179,931) 16,153 (1,576,233) (1,560,080) 1,233,000 (1,233,000)	9,686,909 (4,125,781) (887,073) 4,674,055	18,827,506 (8,072,077) (3,588,824) 7,166,605 (55,595) (229,388) (284,983) (260,626) (2,474,162) (2,734,788) 2,469,000 (1,976,000)	11,358,528 (7,338,144) 4,020,384 5,119,500 (1,508,784) (1,832,772) 1,777,944 (8,006,604) (8,006,604) 743,000 (743,000)	19,842,444 (13,355,664) 6,486,780 22,635,000 (803,088) (813,348) 21,018,564 (7,670,496)	41,672,280 (21,442,836) 20,229,444 (13,978,236) (1,442,928) (15,421,164) (533,258) (2,032,080) (2,565,338)	72,873,252 (42,136,644) 30,736,608 27,754,500 (16,290,108) (4,089,048) 7,375,344 (533,258) (17,709,180) (18,242,438) 743,000 (743,000)	11,358,510 (7,338,128) 	17,292,436 (13,355,646) 3,936,790 22,635,000 (803,082) (813,353) 21,018,565 (7,670,500) (7,670,500)	41,672,288 (21,442,826) 20,229,462 (13,978,238) (1,442,932) (15,421,170) (533,258) (2,032,084) (2,565,342)	70,323,234 (42,136,600) - 28,186,634 - 27,754,500 (16,290,109) (4,089,060) 7,375,331 (533,258) (17,709,184) (18,242,442)
(547,799) 90,266 380,750 (4,342) (30,675) (35,017) 1,593 (257,103) (255,510) 493,000 8,946	(901,274) (486,983) (102,526) - (14,131) (44,505) (58,636) 7,796 (1,034,305) (1,026,509) 735,000 - 21,899	3,348,955 (1,624,939) 651,196 2,375,212 - - - (266,629) (172,459) (439,088)	5,472,969 (3,074,012) 254,479 2,653,436 (18,473) (75,180) (93,653) (257,240) (1,463,867) (1,721,107) 1,228,000	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 Investments Converting To Cash Purchased Invesments Interest Income	2.511,883 (1.429,081) (641,628) 441,174 (13,194) (91,858) (105,052) (2,835) (619,960) (622,795) 1,236,000 (743,000) 32,177	6,628,714 (2,517,215) (2,060,123) 2,051,376 (42,401) (137,530) (179,931) 16,153 (1,576,233) (1,560,080) 1,233,000 (1,233,000) (5,091)	9,686,909 (4,125,781) (887,073) 4,674,055	18,827,506 (8,072,077) (3,588,824) 7,166,605 (55,595) (229,388) (284,983) (260,626) (2,474,162) (2,734,788) 2,469,000 (1,976,000) 249,566	11,358,528 (7,338,144) - 4,020,384 5,119,500 (1,508,784) (1,832,772) 1,777,944 (8,006,604) (8,006,604) 743,000 (743,000 159,996	19,842,444 (13,355,664) 	41,672,280 (21,442,836) - 20,229,444 (13,978,236) (1,442,928) (15,421,164) (533,258) (2,032,080) (2,565,338)	72,873,252 (42,136,644) 	11,358,510 (7,338,128) - 4,020,382 - 5,119,500 (1,508,789) (1,832,775) 1,777,936 - (8,006,600) (8,006,600)	17,292,436 (13,355,646) - 3,936,790 22,635,000 (803,082) (813,353) 21,018,565 - (7,670,500) (7,670,500)	41,672,288 (21,442,826) 20,229,462 (13,978,238) (1,442,932) (15,421,170) (533,258) (2,032,084) (2,565,342)	70,323,234 (42,136,600) - 28,186,634 - 27,754,500 (16,290,109) (4,089,060) 7,375,331 (533,258) (17,709,184) (18,242,442) - 1,260,000
(547,799) 90,266 380,750 (4,342) (30,675) (35,017) 1,593 (257,103) (255,510) 493,000 8,946 501,946	(901,274) (486,983) (102,526) (14,131) (44,505) (58,636) 7,796 (1,034,305) (1,026,509) 735,000 21,899	3,348,955 (1,624,939) 651,196 2,375,212 - - (266,629) (172,459) (439,088) - 29,280	5,472,969 (3,074,012) 254,479 2,653,436 (18,473) (75,180) (93,653) (257,240) (1,463,867) (1,721,107) 1,228,000 60,125 1,288,125	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 Invesments Interest Income Net Cash Provided By (Used In) Investing Activities FUND NET CASH FLOWS	2.511,883 (1,429,081) (641,628) 441,174 (13,194) (91,858) (105,052) (2,835) (619,960) (622,795) 1,236,000 (743,000) 32,177 525,177	6,628,714 (2,517,215) (2,060,123) 2,051,376 (42,401) (137,530) (179,931) 16,153 (1,576,233) (1,560,080) 1,233,000 (1,233,000) 65,091 65,091	9,686,909 (4,125,781) (887,073) 4,674,055 - - - (273,944) (277,969) (551,913) - - 152,298 152,298	18,827,506 (8,072,077) (3,588,824) 7,166,605 (55,595) (229,388) (284,983) (260,626) (2,474,162) (2,734,788) 2,469,000 (1,976,000) 249,566 742,566	11,358,528 (7,338,144) 4,020,384 5,119,500 (1,508,784) (1,832,772) 1,777,944 (8,006,604) (8,006,604) 743,000 (743,000) 159,996	19,842,444 (13,355,664) 6,486,780 22,635,000 (803,088) (813,348) 21,018,564 (7,670,496) (7,670,496) 200,004	41,672,280 (21,442,836) 	72,873,252 (42,136,644) 30,736,608 27,754,500 (16,290,108) (4,089,048) 7,375,344 (533,258) (17,709,180) (18,242,438) 743,000 (743,000) 1,260,000	11,358,510 (7,338,128) 	17,292,436 (13,355,646) 3,936,790 22,635,000 (803,082) (813,353) 21,018,565 (7,670,500) (7,670,500) 200,000	41,672,288 (21,442,826) 20,229,462 (13,978,238) (1,442,932) (15,421,170) (533,258) (2,032,084) (2,565,342) 900,000 900,000	70,323,234 (42,136,600) 28,186,634 27,754,500 (16,290,109) (4,089,060) 7,375,331 (533,258) (17,709,184) (18,242,442) 1,260,000 1,260,000
(547,799) 90,266 380,750 (4,342) (30,675) (35,017) 1,593 (257,103) (255,510) 493,000 	(901,274) (486,983) (102,526) (14,131) (44,505) (58,636) 7,796 (1,034,305) (1,026,509) 735,000 21,899 756,899 (430,772)	3,348,955 (1,624,939) 651,196 2,375,212 (266,629) (172,459) (439,088) 29,280 29,280	5,472,969 (3,074,012) 254,479 2,653,436 (18,473) (75,180) (93,653) (257,240) (1,463,867) (1,721,107) 1,228,000 60,125 1,288,125 2,126,801	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 Invesments Interest Income Net Cash Provided By (Used In) Investing Activities FUND NET CASH FLOWS	2.511,883 (1,429,081) (641,628) 441,174 (91,858) (105,052) (2,835) (619,960) (622,795) 1,236,000 (743,000) 3,2,177 525,177 238,504	6,628,714 (2,517,215) (2,060,123) 2,051,376 (42,401) (137,530) (179,931) 16,153 (1,576,233) (1,560,080) 1,233,000 (1,233,000) 65,091 65,091 376,456	9,686,909 (4,125,781) (887,073) 4,674,055	18,827,506 (8,072,077) (3,588,824) 7,166,605 (55,595) (229,388) (284,983) (260,626) (2,474,162) (2,734,788) 2,469,000 (1,976,000) 249,566 742,566 4,889,400	11,358,528 (7,338,144) 	19,842,444 (13,355,664) 6,486,780 22,635,000 (803,088) (813,348) 21,018,564 (7,670,496) (7,670,496) 200,004 200,004 200,004	41,672,280 (21,442,836) 	72,873,252 (42,136,644) 30,736,608 27,754,500 (16,290,108) (4,089,048) 7,375,344 (533,258) (17,709,180) (18,242,438) 743,000 (743,000) 1,260,000 1,260,000 21,129,514	11,358,510 (7,338,128) - 4,020,382 5,119,500 (1,508,789) (1,832,775) 1,777,936 (8,006,600) (8,006,600) 160,000 160,000 (2,048,282)	17,292,436 (13,355,646) 3,936,790 22,635,000 (803,082) (813,353) 21,018,565 (7,670,500) (7,670,500) 200,000 200,000	41,672,288 (21,442,826) 20,229,462 (13,978,238) (1,442,932) (15,421,170) (533,258) (2,032,084) (2,565,342) 900,000 900,000 3,142,950	70,323,234 (42,136,600) 28,186,634 27,754,500 (16,290,109) (4,089,060) 7,375,331 (533,258) (17,709,184) (18,242,442) 1,260,000 1,260,000 18,579,523
(547,799) 90,266 380,750 (4,342) (30,675) (35,017) 1,593 (257,103) (255,510) 493,000 8,946 501,946 592,169	(901,274) (486,983) (102,526) (14,131) (44,505) (58,636) 7,796 (1,034,305) (1,026,509) 735,000 - 21,899 756,899 (430,772)	3,348,955 (1,624,939) 651,196 2,375,212 - - (266,629) (172,459) (439,088) - 29,280 29,280 1,965,404	5,472,969 (3,074,012) 254,479 2,653,436 (18,473) (75,180) (93,653) (257,240) (1,463,867) (1,721,107) 1,228,000 60,125 1,288,125 2,126,801	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 Invesments Interest Income Net Cash Provided By (Used In) Investing Activities FUND NET CASH FLOWS DEBT SERVICE RATIO Total Cash Available For Debt Service	2,511,883 (1,429,081) (641,628) 441,174 (13,194) (91,858) (105,052) (2,835) (619,960) (622,795) 1,236,000 (743,000) 32,177 238,504	6,628,714 (2,517,215) (2,060,123) 2,051,376 (42,401) (137,530) (179,931) 16,153 (1,576,233) (1,560,080) 1,233,000 (1,233,000) 65,091 376,456	9,686,909 (4,125,781) (887,073) 4,674,055	18,827,506 (8,072,077) (3,588,824) 7,166,605 (55,595) (229,388) (284,983) (260,626) (2,474,162) (2,734,788) 2,469,000 (1,976,000) 249,566 742,566 4,889,400	11,358,528 (7,338,144) 4,020,384 5,119,500 (1,508,784) (1,832,772) 1,777,944 (8,006,604) (8,006,604) 743,000 (743,000) 159,996 (2,048,280) 4,180,380	19,842,444 (13,355,664) 6,486,780 22,635,000 (803,088) (813,348) 21,018,564 (7,670,496) (7,670,496) 200,004 200,004 20,034,852	41,672,280 (21,442,836) 20,229,444 (13,978,236) (1,442,928) (15,421,164) (533,258) (2,032,080) (2,565,338) 900,000 900,000 3,142,942	72,873,252 (42,136,644) 30,736,608 27,754,500 (16,290,108) (4,089,048) 7,375,344 (533,258) (17,709,180) (18,242,438) 743,000 (743,000) 1,260,000 1,260,000 21,129,514	11,358,510 (7,338,128) 4,020,382 5,119,500 (1,508,789) (1,832,775) 1,777,936 (8,006,600) (8,006,600) 160,000 160,000 (2,048,282)	17,292,436 (13,355,646) 3,936,790 22,635,000 (803,082) (813,353) 21,018,565 (7,670,500) (7,670,500) 200,000 200,000 17,484,855	41,672,288 (21,442,826) 20,229,462 (13,978,238) (1,442,932) (15,421,170) (533,258) (2,032,084) (2,565,342) 900,000 900,000 3,142,950	70,323,234 (42,136,600) 28,186,634 27,754,500 (16,290,109) (4,089,060) 7,375,331 (533,258) (17,709,184) (18,242,442) 1,260,000 1,260,000 18,579,523
(547,799) 90,266 380,750 (4,342) (30,675) (35,017) 1,593 (257,103) (255,510) 493,000 	(901,274) (486,983) (102,526) (14,131) (44,505) (58,636) 7,796 (1,034,305) (1,026,509) 735,000 21,899 756,899 (430,772)	3,348,955 (1,624,939) 651,196 2,375,212 (266,629) (172,459) (439,088) 29,280 29,280	5,472,969 (3,074,012) 254,479 2,653,436 (18,473) (75,180) (93,653) (257,240) (1,463,867) (1,721,107) 1,228,000 60,125 1,288,125 2,126,801	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 Invesments Interest Income Net Cash Provided By (Used In) Investing Activities FUND NET CASH FLOWS	2.511,883 (1,429,081) (641,628) 441,174 (91,858) (105,052) (2,835) (619,960) (622,795) 1,236,000 (743,000) 3,2,177 525,177 238,504	6,628,714 (2,517,215) (2,060,123) 2,051,376 (42,401) (137,530) (179,931) 16,153 (1,576,233) (1,560,080) 1,233,000 (1,233,000) 65,091 65,091 376,456	9,686,909 (4,125,781) (887,073) 4,674,055	18,827,506 (8,072,077) (3,588,824) 7,166,605 (55,595) (229,388) (284,983) (260,626) (2,474,162) (2,734,788) 2,469,000 (1,976,000) 249,566 742,566 4,889,400	11,358,528 (7,338,144) 	19,842,444 (13,355,664) 6,486,780 22,635,000 (803,088) (813,348) 21,018,564 (7,670,496) (7,670,496) 200,004 200,004 200,004	41,672,280 (21,442,836) 	72,873,252 (42,136,644) 30,736,608 27,754,500 (16,290,108) (4,089,048) 7,375,344 (533,258) (17,709,180) (18,242,438) 743,000 (743,000) 1,260,000 1,260,000 21,129,514	11,358,510 (7,338,128) - 4,020,382 5,119,500 (1,508,789) (1,832,775) 1,777,936 (8,006,600) (8,006,600) 160,000 160,000 (2,048,282)	17,292,436 (13,355,646) 3,936,790 22,635,000 (803,082) (813,353) 21,018,565 (7,670,500) (7,670,500) 200,000 200,000	41,672,288 (21,442,826) 20,229,462 (13,978,238) (1,442,932) (15,421,170) (533,258) (2,032,084) (2,565,342) 900,000 900,000 3,142,950	70,323,234 (42,136,600) 28,186,634 27,754,500 (16,290,109) (4,089,060) 7,375,331 (533,258) (17,709,184) (18,242,442) 1,260,000 1,260,000 18,579,523
(547,799) 90,266 380,750 (4,342) (30,675) (35,017) 1,593 (257,103) (255,510) 493,000 8,946 501,946 592,169	(901,274) (486,983) (102,526) (14,131) (44,505) (58,636) 7,796 (1,034,305) (1,026,509) 735,000 - 21,899 756,899 (430,772)	3,348,955 (1,624,939) 651,196 2,375,212 - - (266,629) (172,459) (439,088) - 29,280 29,280 1,965,404	5,472,969 (3,074,012) 254,479 2,653,436 (18,473) (75,180) (93,653) (257,240) (1,463,867) (1,721,107) 1,228,000 60,125 1,288,125 2,126,801	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 Invesments Interest Income Net Cash Provided By (Used In) Investing Activities FUND NET CASH FLOWS DEBT SERVICE RATIO Total Cash Available For Debt Service	2,511,883 (1,429,081) (641,628) 441,174 (13,194) (91,858) (105,052) (2,835) (619,960) (622,795) 1,236,000 (743,000) 32,177 238,504	6,628,714 (2,517,215) (2,060,123) 2,051,376 (42,401) (137,530) (179,931) 16,153 (1,576,233) (1,560,080) 1,233,000 (1,233,000) 65,091 376,456	9,686,909 (4,125,781) (887,073) 4,674,055	18,827,506 (8,072,077) (3,588,824) 7,166,605 (55,595) (229,388) (284,983) (260,626) (2,474,162) (2,734,788) 2,469,000 (1,976,000) 249,566 742,566 4,889,400	11,358,528 (7,338,144) 4,020,384 5,119,500 (1,508,784) (1,832,772) 1,777,944 (8,006,604) (8,006,604) 743,000 (743,000) 159,996 (2,048,280) 4,180,380	19,842,444 (13,355,664) 6,486,780 22,635,000 (803,088) (813,348) 21,018,564 (7,670,496) (7,670,496) 200,004 200,004 20,034,852	41,672,280 (21,442,836) 20,229,444 (13,978,236) (1,442,928) (15,421,164) (533,258) (2,032,080) (2,565,338) 900,000 900,000 3,142,942	72,873,252 (42,136,644) 30,736,608 27,754,500 (16,290,108) (4,089,048) 7,375,344 (533,258) (17,709,180) (18,242,438) 743,000 (743,000) 1,260,000 1,260,000 21,129,514	11,358,510 (7,338,128) 4,020,382 5,119,500 (1,508,789) (1,832,775) 1,777,936 (8,006,600) (8,006,600) 160,000 160,000 (2,048,282)	17,292,436 (13,355,646) 3,936,790 22,635,000 (803,082) (813,353) 21,018,565 (7,670,500) (7,670,500) 200,000 200,000 17,484,855	41,672,288 (21,442,826) 20,229,462 (13,978,238) (1,442,932) (15,421,170) (533,258) (2,032,084) (2,565,342) 900,000 900,000 3,142,950	70,323,234 (42,136,600) 28,186,634 27,754,500 (16,290,109) (4,089,060) 7,375,331 (533,258) (17,709,184) (18,242,442) 1,260,000 1,260,000 18,579,523

LEHIGH COUNTY AUTHORITY CASH & INVESTMENT ANALYSIS YTD MARCH 2020

CURRENT YEAR ENDING BALANCES	US DOLLARS	Suburban Water	Suburban Wastewater	City Division	LCA Total	
Unrestricted Content 1,345,347 1,345						
Direstricted Cash						
Total Unrestricted Cash	. 9					
Resircicad Cash					,	
Total Cash 12,844,600 7,856,741 63,811,884 84,513,225 Investments						
Investments		<u></u>		·		
Direstricted Investments	Total Casil	12,044,000	7,030,741	03,011,004	04,313,223	
Restricted Investments	Investments					
Total restricted	Unrestricted Investments	2,647,068	7,769,429	-	10,416,497	
Total Cash + Investments	Restricted Investments	4,593,314			4,593,314	
Direstricted 13,992,402 15,288,147 3,764,337 33,044,866 Restricted 6,092,580 338,023 6,047,547 6,478,150 7 total 20,084,982 15,626,170 3,811,884 9,523,036 7 total 20,084,982 25,626,170 3,811,884 9,523,036 7 total 20,084,982 2,671,991 169,980 4,879,282 2,756,626 2,756,978,383 2,756,883	Total Investments	7,240,382	7,769,429		15,009,811	
Direstricted 13,992,402 15,288,147 3,764,337 33,044,866 Restricted 6,092,580 338,023 6,047,547 6,478,150 7 total 20,084,982 15,626,170 3,811,884 9,523,036 7 total 20,084,982 25,626,170 3,811,884 9,523,036 7 total 20,084,982 2,671,991 169,980 4,879,282 2,756,626 2,756,978,383 2,756,883	Total Cook - Impostments					
Restricted 6.092,580 338.023 60,047,541 66,478,150 Total 20,084,982 15,626,170 63,811,884 95,23,036 CURRENT YEAR BEGINNING BALANCES Cash "Unrestricted Operating Cash" 9,073,260 4,470,362 3,691,201 17,234,823 Unrestricted Project Cash 1,111,0508 7,142,353 3,861,181 22,114,042 Restricted Cash 1,195,888 33,932 5,567,626 5,559,744 79,623,825 Investments 1,2606,096 7,480,285 59,537,444 79,623,825 Investments 3,136,930 7,757,276 10,894,206 8,851,161 10,894,206 Restricted Investments 3,136,930 7,757,276 10,894,206 8,851,161 10,894,206 Restricted Investments 1,424,438 14,899,629 3,861,181 33,008,248 Total Cash + Investments 1,424,438 14,899,629 3,861,181 33,008,248 Restricted Operating Cash 20,336,136 15,237,561 59,537,444 51,11,141 <td cols<="" td=""><td></td><td>13 002 102</td><td>15 288 147</td><td>3 76/1 337</td><td>33 044 886</td></td>	<td></td> <td>13 002 102</td> <td>15 288 147</td> <td>3 76/1 337</td> <td>33 044 886</td>		13 002 102	15 288 147	3 76/1 337	33 044 886
CURRENT YEAR BEGINNING BALANCES 20,084,982 15,626,170 63,811,884 99,523,036 CURRENT YEAR BEGINNING BALANCES Cash 9,073,260 4,470,362 3,691,201 17,234,823 Unrestricted Project Cash 2,037,248 2,671,991 169,990 4,879,219 Total Unrestricted Cash 11,10,508 7,14,353 3,861,181 22,114,042 Restricted Cash 1,495,588 33,7932 55,676,263 57,509,783 Total Cash 12,606,096 7,480,285 59,537,444 79,623,825 Investments 3,136,930 7,757,276 - 10,894,206 Restricted Investments 4,593,110 - - 4,593,110 Total Cash + Investments 4,593,110 - - 15,487,316 Total Cash + Investments 11,247,438 14,899,629 3,861,181 33,008,248 Restricted Investments 20,336,136 15,237,561 59,537,444 95,111,141 NET ACTIVITY - INCREASE (DECREASE) 23,505 (2,589,305) (97,757) (2,456,557) Unrestricted O						
CURRENT YEAR BEGINNING BALANCES Cash 9,073,260 4,470,362 3,691,201 17,234,823 Unrestricted Project Cash 2,037,248 2,671,991 169,990 4,879,219 Total Unrestricted Cash 11,110,508 7,142,353 3,861,181 22,114,042 Restricted Cash 1,495,588 337,932 55,676,263 57,509,783 Total Cash 12,606,096 7,480,285 59,537,444 79,623,825 Investments 3,136,930 7,757,276 10,894,206 Restricted Investments 3,730,000 7,757,276 15,487,316 Total Cash + Investments 7,730,040 7,757,276 15,487,316 Total Cash + Investments 14,247,438 14,899,629 3,861,181 33,008,248 Restricted Investments 14,247,438 14,899,629 3,861,181 33,008,248 Restricted Operating Cash 20,336,136 15,237,561 59,537,444 95,111,41 NET ACTIVITY - INCREASE (DECREASE) 23,505 (2,599,305) (97,757) (2,456,557) Unrestricted Operating Cash </td <td></td> <td></td> <td></td> <td></td> <td></td>						
Cash 9,073,260 4,470,362 3,691,201 17,234,823 Unrestricted Project Cash 2,037,248 2,671,991 169,980 4,879,219 Total Unrestricted Cash 11,110,508 7,142,353 3,861,181 22,114,042 Restricted Cash 1,495,588 337,932 55,676,263 57,509,783 Total Cash 1,2606,096 7,480,285 59,537,444 79,623,825 Investments 3,136,930 7,757,276 - 10,894,206 Restricted Investments 4,593,110 - - 4,593,110 Total Cash + Investments 1,730,040 7,757,276 - 15,487,316 Total Cash + Investments Unrestricted 14,247,438 14,899,629 3,861,181 33,008,248 Restricted 6,088,698 337,932 55,676,263 62,102,893 Total Cash + Investments 20,336,136 15,237,561 59,537,444 95,111,141 NET ACTIVITY - INCREASE (DECREASE) 20 2,365,670 913 2,970,904 Unrestricted Operating Cash<					,	
Unrestricted Operating Cash 9,073,260 4,470,362 3,691,201 17,234,823 Unrestricted Project Cash 2,037,248 2,617,1991 169,980 4,879,219 Total Unrestricted Cash 11,110,508 7,142,353 3,861,181 22,114,042 Restricted Cash 1,495,588 337,932 55,676,263 57,509,783 Total Cash 12,606,096 7,480,285 59,537,444 79,623,825 Investments 3,136,930 7,757,276 - 10,894,206 Restricted Investments 4,593,110 - - 4,593,110 Total Cash + Investments 11,247,438 14,899,629 3,861,181 33,008,248 Restricted Investments 11,247,438 14,899,629 3,861,181 33,008,248 Restricted Cash + Investments 20,336,136 15,237,561 59,537,444 95,111,141 NET ACTIVITY - INCREASE (DECREASE) 20,336,136 15,237,561 59,537,444 95,111,141 NET ACTIVITY - INCREASE (DECREASE) 230,505 (2,589,305) (97,757) (2,456,557) Unrestrict						
Duriestricted Project Cash		9,073,260	4,470,362	3,691,201	17,234,823	
Restricted Cash			2,671,991			
Total Cash 12,606,096 7,480,285 59,537,444 79,623,825 Investments	Total Unrestricted Cash	11,110,508	7,142,353	3,861,181	22,114,042	
Investments	Restricted Cash	1,495,588	337,932	55,676,263	57,509,783	
Unrestricted Investments 3,136,930 7,757,276 10,894,206 Restricted Investments 4,593,110 - - 4,593,110 Total Investments 7,730,040 7,757,276 - 15,487,316 Total Cash + Investments Unrestricted 14,247,438 14,899,629 3,861,181 33,008,248 Restricted 6,088,698 337,932 55,676,263 62,102,893 Total 20,336,136 15,237,561 59,537,444 95,111,141 NET ACTIVITY - INCREASE (DECREASE) Cash Unrestricted Operating Cash 230,505 (2,589,305) (97,757) (2,456,557) Unrestricted Project Cash 4,321 2,965,670 913 2,970,904 Total Unrestricted Cash 3,678 91 4,371,284 4,375,053 Total Cash 376,456 4,274,440 4,889,400 Investments Unrestricted Investments (489,662) 12,153 - (477,709) Restricted Investments (489,658) 12,153 -<	Total Cash	12,606,096	7,480,285	59,537,444	79,623,825	
Unrestricted Investments 3,136,930 7,757,276 10,894,206 Restricted Investments 4,593,110 - - 4,593,110 Total Investments 7,730,040 7,757,276 - 15,487,316 Total Cash + Investments Unrestricted 14,247,438 14,899,629 3,861,181 33,008,248 Restricted 6,088,698 337,932 55,676,263 62,102,893 Total 20,336,136 15,237,561 59,537,444 95,111,141 NET ACTIVITY - INCREASE (DECREASE) Cash Unrestricted Operating Cash 230,505 (2,589,305) (97,757) (2,456,557) Unrestricted Project Cash 4,321 2,965,670 913 2,970,904 Total Unrestricted Cash 3,678 91 4,371,284 4,375,053 Total Cash 376,456 4,274,440 4,889,400 Investments Unrestricted Investments (489,662) 12,153 - (477,709) Restricted Investments (489,658) 12,153 -<	Investments					
Restricted Investments 4,593,110 - 4,593,110 Total Investments 7,730,040 7,757,276 - 15,487,316 Total Cash + Investments Unrestricted 14,247,438 14,899,629 3,861,181 33,008,248 Restricted 6,088,698 337,932 55,676,263 62,102,893 Total 20,336,136 15,237,561 59,537,444 95,111,141 NET ACTIVITY - INCREASE (DECREASE) Cash 30,505 (2,589,305) (97,757) (2,456,557) Unrestricted Operating Cash 4,321 2,965,670 913 2,970,904 Total Unrestricted Cash 3,678 91 4,371,284 4,375,053 Total Cash 238,504 376,456 4,274,440 4,889,400 Investments (489,862) 12,153 - (477,709) Restricted Investments (489,658) 12,153 - (477,505) Total Cash + Investments (255,036) 388,518 (96,844) 3,638 Unrestricted <td< td=""><td></td><td>3.136.930</td><td>7.757.276</td><td><u>-</u></td><td>10.894.206</td></td<>		3.136.930	7.757.276	<u>-</u>	10.894.206	
Total Cash + Investments Unrestricted 14,247,438 14,899,629 3,861,181 33,008,248 Restricted 6,088,698 337,932 55,676,263 62,102,893 Total 20,336,136 15,237,561 59,537,444 95,111,141 NET ACTIVITY - INCREASE (DECREASE) Cash 230,505 (2,589,305) (97,757) (2,456,557) Unrestricted Operating Cash 230,505 (2,589,305) (97,757) (2,456,557) Unrestricted Project Cash 4,321 2,965,670 913 2,970,904 Total Unrestricted Cash 234,826 376,365 (96,844) 514,347 Restricted Cash 3,678 91 4,371,284 4,375,053 Total Cash 489,862 12,153 - (477,709) Restricted Investments (489,658) 12,153 - (477,709) Restricted Investments (489,658) 12,153 - (477,505) Total Cash + Investments Unrestricted (255,036) 388,518			-	-		
Unrestricted Restricted Restricted 14,247,438 6,088,698 337,932 55,676,263 62,102,893 50.061,203 55,676,263 62,102,893 50.061,203 50.061,203 50.061,203,000 50.0000 50.0000 50.000 50.000 50.000 50.000 50.000 50.000 50.0000 50.000 50.000 50.000 50.000	Total Investments	7,730,040	7,757,276		15,487,316	
Unrestricted Restricted Restricted 14,247,438 6,088,698 337,932 55,676,263 62,102,893 50.061,203 55,676,263 62,102,893 50.061,203 50.061,203 50.061,203,000 50.0000 50.0000 50.000 50.000 50.000 50.000 50.000 50.000 50.0000 50.000 50.000 50.000 50.000						
Restricted Total 6,088,698 20,336,136 337,932 55,676,263 52,101,2893 62,102,893 52,111,141 NET ACTIVITY - INCREASE (DECREASE) Cash Unrestricted Operating Cash 230,505 (2,589,305) (97,757) (2,456,557) (97,757) (2,456,557) (1,456,557) (1,457) (1,457) 1,4347		4404-400	44.000.000			
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NET ACTIVITY - INCREASE (DECREASE) Cash Unrestricted Operating Cash 230,505 (2,589,305) (97,757) (2,456,557) Unrestricted Project Cash 4,321 2,965,670 913 2,970,904 Total Unrestricted Cash 234,826 376,365 (96,844) 514,347 Restricted Cash 3,678 91 4,371,284 4,375,053 Total Cash 238,504 376,456 4,274,440 4,889,400 Investments Unrestricted Investments (489,862) 12,153 - (477,709) Restricted Investments 204 - - - 204 Total Investments (489,658) 12,153 - (477,505) Total Cash + Investments Unrestricted (255,036) 388,518 (96,844) 36,638 Restricted 3,882 91 4,371,284 4,375,257 Total (251,154) 388,609 4,274,440 4,411,895 Days on Hand - Unrestricted Cash 564.32						
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Unrestricted Operating Cash 230,505 (2,589,305) (97,757) (2,456,557) Unrestricted Project Cash 4,321 2,965,670 913 2,970,904 Total Unrestricted Cash 234,826 376,365 (96,844) 514,347 Restricted Cash 3,678 91 4,371,284 4,375,053 Total Cash 238,504 376,456 4,274,440 4,889,400 Investments Unrestricted Investments (489,862) 12,153 - (477,709) Restricted Investments 204 - - 204 Total Cash + Investments (489,658) 12,153 - (477,505) Total Cash + Investments Unrestricted (255,036) 388,518 (96,844) 36,638 Restricted 3,882 91 4,371,284 4,375,257 Total (251,154) 388,609 4,274,440 4,411,895 Days on Hand - Unrestricted Cash 564.32 205.48 64.08 196.01						
Unrestricted Project Cash 4,321 2,965,670 913 2,970,904 Total Unrestricted Cash 234,826 376,365 (96,844) 514,347 Restricted Cash 3,678 91 4,371,284 4,375,053 Total Cash 238,504 376,456 4,274,440 4,889,400 Investments (489,862) 12,153 - (477,709) Restricted Investments 204 - - 204 Total Investments (489,658) 12,153 - (477,505) Total Cash + Investments Unrestricted (255,036) 388,518 (96,844) 36,638 Restricted 3,882 91 4,371,284 4,375,257 Total (251,154) 388,609 4,274,440 4,411,895 Days on Hand - Unrestricted Cash 564.32 205.48 64.08 196.01		220 505	(3 500 305)	(07.757)	(2 454 557)	
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Restricted Cash 3,678 91 4,371,284 4,375,053 Total Cash 238,504 376,456 4,274,440 4,889,400 Investments Unrestricted Investments (489,862) 12,153 - (477,709) Restricted Investments 204 - - 204 Total Investments (489,658) 12,153 - (477,505) Total Cash + Investments Unrestricted (255,036) 388,518 (96,844) 36,638 Restricted 3,882 91 4,371,284 4,375,257 Total (251,154) 388,609 4,274,440 4,411,895 Days on Hand - Unrestricted Cash 564.32 205.48 64.08 196.01	-					
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Unrestricted Investments (489,862) 12,153 (477,709) Restricted Investments 204 - - 204 Total Investments (489,658) 12,153 - (477,505) Total Cash + Investments Unrestricted (255,036) 388,518 (96,844) 36,638 Restricted 3,882 91 4,371,284 4,375,257 Total (251,154) 388,609 4,274,440 4,411,895 Days on Hand - Unrestricted Cash 564.32 205.48 64.08 196.01	Total Cash					
Unrestricted Investments (489,862) 12,153 (477,709) Restricted Investments 204 - - 204 Total Investments (489,658) 12,153 - (477,505) Total Cash + Investments Unrestricted (255,036) 388,518 (96,844) 36,638 Restricted 3,882 91 4,371,284 4,375,257 Total (251,154) 388,609 4,274,440 4,411,895 Days on Hand - Unrestricted Cash 564.32 205.48 64.08 196.01					_	
Restricted Investments 204 - - 204 Total Investments (489,658) 12,153 - (477,505) Total Cash + Investments Unrestricted (255,036) 388,518 (96,844) 36,638 Restricted 3,882 91 4,371,284 4,375,257 Total (251,154) 388,609 4,274,440 4,411,895 Days on Hand - Unrestricted Cash 564.32 205.48 64.08 196.01						
Total Investments (489,658) 12,153 - (477,505) Total Cash + Investments Variable of the control of the c			12,153	-		
Total Cash + Investments Unrestricted (255,036) 388,518 (96,844) 36,638 Restricted 3,882 91 4,371,284 4,375,257 Total (251,154) 388,609 4,274,440 4,411,895 Days on Hand - Unrestricted Cash 564.32 205.48 64.08 196.01						
Unrestricted (255,036) 388,518 (96,844) 36,638 Restricted 3,882 91 4,371,284 4,375,257 Total (251,154) 388,609 4,274,440 4,411,895 Days on Hand - Unrestricted Cash 564.32 205.48 64.08 196.01	Total Investments	(489,658)	12,153		(477,505)	
Restricted 3,882 91 4,371,284 4,375,257 Total (251,154) 388,609 4,274,440 4,411,895 Days on Hand - Unrestricted Cash 564.32 205.48 64.08 196.01	Total Cash + Investments					
Total (251,154) 388,609 4,274,440 4,411,895 Days on Hand - Unrestricted Cash 564.32 205.48 64.08 196.01	Unrestricted	(255,036)	388,518	(96,844)	36,638	
Days on Hand - Unrestricted Cash 564.32 205.48 64.08 196.01	Restricted	3,882	91	4,371,284	4,375,257	
	Total	(251,154)	388,609	4,274,440	4,411,895	
	Days on Hand - Unrestricted Cash	564.32	205.48	64.08	196.01	

LEHIGH COUNTY AUTHORITY FINANCIAL STATEMENTS - SUBURBAN WATER MARCH 2020

		MONTH			MARCH 2020		١	YEAR-TO-DATE					FULL YEAR		
Actual	Forecast	Prior Yr	FC Var	PY Var	INCOME STATEMENT	Actual	Forecast	Prior Yr	FC Var	PY Var	Forecast	Budget	Prior Yr	Bud Var	PY Var
					Operating Revenues										
805,825	822,568	727,875	(16,743)	77,950	User Charges	2,432,522	2,450,704	2,257,387	(18,182)	175,135	10,582,032	10,582,010	9,893,594	22	688,438
32,458	30,625	64,730	1,833	(32,272)	Connection & System Charges	79,361	109,041	108,421	(29,680)	(29,060)	776,496	776,500	956,817	(4)	(180,321)
838,283	853,193	792,605	(14,910)	45,678	Total Operating Revenues	2,511,883	2,559,745	2,365,808	(47,862)	146,075	11,358,528	11,358,510	10,850,411	18	508,117
					Operating Expenses										
116,068	125,519	150,012	9,451	33,944	Personnel Costs	386,630	411,557	394,451	24,927	7,821	2,106,228	2,106,222	1,511,237	(6)	(594,991)
131,484	99,486	47.198	(31,998)	(84,286)	General and Administrative	250.647	223,458	183,163	(27,189)	(67,484)	1,193,832	1,193,837	919,226	5	(274,606)
37,821	49,712	8,120	11,891	(29,701)	Utilities	97,397	111,136	78,787	13,739	(18,610)	596,544	596,540	488,568	(4)	(107,976)
14,622	32,917	40,117	18,295	25,495	Materials and Supplies	44,400	82,226	72,199	37,826	27,799	563,004	563,005	376,069	1	(186,935)
181,272	190,595	205,457	9,323	24,185	Miscellaneous Services	582,506	614,285	586,927	31,779	4,421	2,875,140	2,875,124	2,575,929	(16)	(299,211)
-	-	-	-	-	Treatment & Transportation	-	-	-	-	-	-	-	-	-	-
220,000	229,167	229,166	9,167	9,166	Depreciation and Amortization	660,000	678,501	687,498	18,501	27,498	2,750,004	2,750,000	2,749,992	(4)	(12)
66,532	66,283	1,107	(249)	(65,425)	Other Expenses	67,501	66,849	1,188	(652)	(66,313)	3,396	3,400	60,771	4	57,375
767,799	793,679	681,177	25,880	(86,622)	Total Operating Expenses	2,089,081	2,188,012	2,004,213	98,931	(84,868)	10,088,148	10,088,128	8,681,792	(20)	(1,406,356)
70,484	59,514	111,428	10,970	(40,944)	Net Operating Income	422,802	371,733	361,595	51,069	61,207	1,270,380	1,270,382	2,168,619	(2)	(898,239)
					Non-Operating Income (Expense)										
8,946	13,333	12,738	(4,387)	(3,792)	Interest Income	32,177	39,999	42,131	(7,822)	(9,954)	159,996	160,000	179,230	(4)	(19,234)
(127,692)	(125,732)	(145,519)	(1,960)	17,827	Interest Expense	(383,176)	(377,196)	(412,330)	(5,980)	29,154	(1,508,784)	(1,508,789)	(1,536,186)	5	27,402
1,593	-	-	1,593	1,593	Other Miscellaneous Income (Expenses)	(2,835)	-	-	(2,835)	(2,835)	-	-	-	-	-
(117,153)	(112,399)	(132,781)	(4,754)	15,628	Net Non-Operating Income (Expense)	(353,834)	(337,197)	(370,199)	(16,637)	16,365	(1,348,788)	(1,348,789)	(1,356,956)	1	8,168
(46,669)	(52,885)	(21,353)	6,216	(25,316)	Net Income Before Capital Contributions	68,968	34,536	(8,604)	34,432	77,572	(78,408)	(78,407)	811,663	(1)	(890,071)
(,)	-	-	-,		Capital Contributions			-			-	-	-	-	-
(46,669)	(52,885)	(21,353)	6,216	(25,316)	NET INCOME	68,968	34,536	(8,604)	34,432	77,572	(78,408)	(78,407)	811,663	(1)	(890,071)
	(- ,,							<u></u>			, .,,				
		MONTH			MARCH 2020		١	YEAR-TO-DATE					FULL YEAR		
Actual	Forecast	Prior Yr	FC Var	PY Var	CASH FLOW STATEMENT	Actual	Forecast	Prior Yr	FC Var	PY Var	Forecast	Budget	Prior Yr	Bud Var	PY Var
		Prior Yr			CASH FLOW STATEMENT Cash Flows From Operating Activities		Forecast	Prior Yr							
838,283	853,193	Prior Yr	(14,910)	45,678	CASH FLOW STATEMENT Cash Flows From Operating Activities Operating Revenues	2,511,883	2,559,745	Prior Yr 2,365,808	(47,862)	146,075	11,358,528	11,358,510	10,850,411	18	508,117
838,283 (547,799)	853,193 (564,512)	792,605 (452,011)	(14,910) 16,713	45,678 (95,788)	CASH FLOW STATEMENT Cash Flows From Operating Activities Operating Revenues Operating Expenses (ex D&A)	2,511,883 (1,429,081)	2,559,745 (1,509,511)	2,365,808 (1,316,715)	(47,862) 80,430	146,075 (112,366)			10,850,411 (5,931,800)		508,117 (1,406,344)
838,283 (547,799) 90,266	853,193 (564,512) 90,000	792,605 (452,011) (134,535)	(14,910) 16,713 266	45,678 (95,788) 224,801	CASH FLOW STATEMENT Cash Flows From Operating Activities Operating Revenues Operating Expenses (ex D&A) Non-Cash Working Capital Changes	2,511,883 (1,429,081) (641,628)	2,559,745 (1,509,511) (635,000)	2,365,808 (1,316,715) (715,940)	(47,862) 80,430 (6,628)	146,075 (112,366) 74,312	11,358,528 (7,338,144)	11,358,510 (7,338,128)	10,850,411 (5,931,800) 5,800,237	18	508,117 (1,406,344) (5,800,237)
838,283 (547,799)	853,193 (564,512)	792,605 (452,011)	(14,910) 16,713	45,678 (95,788)	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	2,511,883 (1,429,081)	2,559,745 (1,509,511)	2,365,808 (1,316,715)	(47,862) 80,430	146,075 (112,366)	11,358,528	11,358,510	10,850,411 (5,931,800)	18	508,117 (1,406,344)
838,283 (547,799) 90,266	853,193 (564,512) 90,000	792,605 (452,011) (134,535)	(14,910) 16,713 266	45,678 (95,788) 224,801	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	2,511,883 (1,429,081) (641,628)	2,559,745 (1,509,511) (635,000)	2,365,808 (1,316,715) (715,940)	(47,862) 80,430 (6,628)	146,075 (112,366) 74,312	11,358,528 (7,338,144)	11,358,510 (7,338,128)	10,850,411 (5,931,800) 5,800,237	18 (16)	508,117 (1,406,344) (5,800,237)
838,283 (547,799) 90,266	853,193 (564,512) 90,000	792,605 (452,011) (134,535)	(14,910) 16,713 266	45,678 (95,788) 224,801	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	2,511,883 (1,429,081) (641,628)	2,559,745 (1,509,511) (635,000)	2,365,808 (1,316,715) (715,940)	(47,862) 80,430 (6,628)	146,075 (112,366) 74,312	11,358,528 (7,338,144) - - 4,020,384	11,358,510 (7,338,128) - 4,020,382	10,850,411 (5,931,800) 5,800,237	18 (16)	508,117 (1,406,344) (5,800,237) (6,698,464)
838,283 (547,799) 90,266 380,750	853,193 (564,512) 90,000 378,681	792,605 (452,011) (134,535) 206,059	(14,910) 16,713 266 2,069	45,678 (95,788) 224,801 174,691	CASH FLOW STATEMENT Cash Flows From Operating Activities Operating Revenues Operating Expenses (ex D&A) Non-Cash Workla Zapital Changes Net Cash Provided by (Used in) Operating Activities Cash Flows From Financing Activities Capital Contributions Proceeds New Borrowing	2,511,883 (1,429,081) (641,628) 441,174	2,559,745 (1,509,511) (635,000) 415,234	2,365,808 (1,316,715) (715,940) 333,153	(47,862) 80,430 (6,628) 25,940	146,075 (112,366) 74,312 108,021	11,358,528 (7,338,144) 	11,358,510 (7,338,128) - 4,020,382	10,850,411 (5,931,800) 5,800,237 10,718,848	18 (16)	508,117 (1,406,344) (5,800,237) (6,698,464)
838,283 (547,799) 90,266 380,750	853,193 (564,512) 90,000 378,681	792,605 (452,011) (134,535) 206,059	(14,910) 16,713 266 2,069	45,678 (95,788) 224,801 174,691	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	2,511,883 (1,429,081) (641,628) 441,174	2,559,745 (1,509,511) (635,000) 415,234	2,365,808 (1,316,715) (715,940) 333,153	(47,862) 80,430 (6,628) 25,940	146,075 (112,366) 74,312 108,021	11,358,528 (7,338,144) - - - 4,020,384 - - 5,119,500 (1,508,784)	11,358,510 (7,338,128) - 4,020,382 - 5,119,500 (1,508,789)	10,850,411 (5,931,800) 5,800,237 10,718,848 (1,475,406)	18 (16) 	508,117 (1,406,344) (5,800,237) (6,698,464) - 5,119,500 (33,378)
838,283 (547,799) 90,266 380,750 - (4,342) (30,675)	853,193 (564,512) 90,000 378,681	792,605 (452,011) (134,535) 206,059	(14,910) 16,713 266 2,069 2,069	45,678 (95,788) 224,801 174,691	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	2,511,883 (1,429,081) (641,628) 441,174 (13,194) (91,858)	2,559,745 (1,509,511) (635,000) 415,234	2,365,808 (1,316,715) (715,940) 333,153	(47,862) 80,430 (6,628) 25,940 - - (998) 335	146,075 (112,366) 74,312 108,021 - - 7,855 (1,952)	11,358,528 (7,338,144) - 4,020,384 - 5,119,500 (1,508,784) (1,832,772)	11,358,510 (7,338,128) - 4,020,382 - 5,119,500 (1,508,789) (1,832,775)	10,850,411 (5,931,800) 5,800,237 10,718,848 - (1,475,406) (1,725,137)	18 (16) 	508,117 (1,406,344) (5,800,237) (6,698,464) - 5,119,500 (33,378) (107,635)
838,283 (547,799) 90,266 380,750	853,193 (564,512) 90,000 378,681	792,605 (452,011) (134,535) 206,059	(14,910) 16,713 266 2,069	45,678 (95,788) 224,801 174,691	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	2,511,883 (1,429,081) (641,628) 441,174	2,559,745 (1,509,511) (635,000) 415,234	2,365,808 (1,316,715) (715,940) 333,153	(47,862) 80,430 (6,628) 25,940	146,075 (112,366) 74,312 108,021	11,358,528 (7,338,144) - - - 4,020,384 - - 5,119,500 (1,508,784)	11,358,510 (7,338,128) - 4,020,382 - 5,119,500 (1,508,789)	10,850,411 (5,931,800) 5,800,237 10,718,848 (1,475,406)	18 (16) 	508,117 (1,406,344) (5,800,237) (6,698,464) - 5,119,500 (33,378)
838,283 (547,799) 90,266 380,750 (4,342) (30,675) (35,017)	853,193 (564,512) 90,000 378,681	792,605 (452,011) (134,535) 206,059	(14,910) 16,713 266 2,069 390 56 446	45,678 (95,788) 224,801 174,691 - 653 (653)	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	2,511,883 (1,429,081) (641,628) 441,174 (13,194) (91,858) (105,052)	2,559,745 (1,509,511) (635,000) 415,234	2,365,808 (1,316,715) (715,940) 333,153	(47,862) 80,430 (6,628) 25,940 	146,075 (112,366) 74,312 108,021 - 7,855 (1,952) 5,903	11,358,528 (7,338,144) - 4,020,384 - 5,119,500 (1,508,784) (1,832,772)	11,358,510 (7,338,128) - 4,020,382 - 5,119,500 (1,508,789) (1,832,775)	10,850,411 (5,931,800) 5,800,237 10,718,848 - (1,475,406) (1,725,137)	18 (16) 	508,117 (1,406,344) (5,800,237) (6,698,464) - 5,119,500 (33,378) (107,635)
838,283 (547,799) 90,266 380,750 (4,342) (30,675) (35,017)	853,193 (564,512) 90,000 378,681 (4,732) (30,731) (35,463)	Prior Yr 792,605 (452,011) (134,535) 206,059 (4,995) (30,022) (35,017)	(14,910) 16,713 266 2,069 390 56 446	45,678 (95,788) 224,801 174,691 - - - - - - - - - - - - - - - - - - -	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)	2,511,883 (1,429,081) (641,628) 441,174 (13,194) (91,858) (105,052)	2,559,745 (1,509,511) (635,000) 415,234	2,365,808 (1,316,715) (715,940) 333,153 (21,049) (89,906) (110,955)	(47,862) 80,430 (6,628) 25,940 (998) 335 (663)	146,075 (112,366) 74,312 108,021 - - 7,855 (1,952) 5,903	11,358,528 (7,338,144) - 4,020,384 - 5,119,500 (1,508,784) (1,832,772) 1,777,944	11,358,510 (7,338,128) - 4,020,382 5,119,500 (1,508,789) (1,832,775) 1,777,936	10,850,411 (5,931,800) 5,800,237 10,718,848 (1,475,406) (1,725,137) (3,200,543)	18 (16)	508,117 (1,406,344) (5,800,237) (6,698,464) - 5,119,500 (33,378) (107,635) 4,978,487
838,283 (547,799) 90,266 380,750 (4,342) (30,675) (35,017) 1,593 (257,103)	853,193 (564,512) 90,000 378,681 - (4,732) (30,731) (35,463)	Prior Yr 792,605 (452,011) (134,535) 206,059 (4,995) (30,022) (35,017)	(14,910) 16,713 266 2,069 390 56 446	45,678 (95,788) 224,801 174,691 - 653 (653) - 1,593 (76,751)	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 Flows from Capital and Related Activities Cash Flows from Capital and Related Activities Non-Operating Income (Expenses) Capital Expenditures, net	2,511,883 (1,429,081) (641,628) 441,174 (13,194) (91,858) (105,052) (2,835) (619,960)	2,559,745 (1,509,511) (635,000) 415,234 - (12,196) (92,193) (104,389)	2,365,808 (1,316,715) (715,940) 333,153 (21,049) (89,906) (110,955)	(47,862) 80,430 (6,628) 25,940 (998) 335 (663) (2,835) 13,691	146,075 (112,366) 74,312 108,021 7,855 (1,952) 5,903 (2,835) (244,689)	11,358,528 (7,338,144) 4,020,384 5,119,500 (1,508,784) (1,832,772) 1,777,944	11,358,510 (7,338,128) - 4,020,382 - 5,119,500 (1,508,789) (1,832,775) 1,777,936	10,850,411 (5,931,800) 5,800,237 10,718,848 (1,475,406) (1,725,137) (3,200,543)	18 (16)	508,117 (1,406,344) (5,800,237) (6,698,464) 5,119,500 (33,378) (107,635) 4,978,487
838,283 (547,799) 90,266 380,750 (4,342) (30,675) (35,017)	853,193 (564,512) 90,000 378,681 (4,732) (30,731) (35,463)	Prior Yr 792,605 (452,011) (134,535) 206,059 (4,995) (30,022) (35,017)	(14,910) 16,713 266 2,069 390 56 446	45,678 (95,788) 224,801 174,691 - - - - - - - - - - - - - - - - - - -	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 Frowided 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	2,511,883 (1,429,081) (641,628) 441,174 (13,194) (91,858) (105,052)	2,559,745 (1,509,511) (635,000) 415,234	2,365,808 (1,316,715) (715,940) 333,153 (21,049) (89,906) (110,955)	(47,862) 80,430 (6,628) 25,940 (998) 335 (663)	146,075 (112,366) 74,312 108,021 - - 7,855 (1,952) 5,903	11,358,528 (7,338,144) - 4,020,384 - 5,119,500 (1,508,784) (1,832,772) 1,777,944	11,358,510 (7,338,128) - 4,020,382 5,119,500 (1,508,789) (1,832,775) 1,777,936	10,850,411 (5,931,800) 5,800,237 10,718,848 (1,475,406) (1,725,137) (3,200,543)	18 (16)	508,117 (1,406,344) (5,800,237) (6,698,464) - 5,119,500 (33,378) (107,635) 4,978,487
838,283 (547,799) 90,266 380,750 - (4,342) (30,675) (35,017) 1,593 (257,103) (255,510)	853,193 (564,512) 90,000 378,681 - (4,732) (30,731) (35,463)	Prior Yr 792,605 (452,011) (134,535) 206,059 (4,995) (30,022) (35,017) (180,352)	(14,910) 16,713 266 2,069 390 56 446	45,678 (95,788) 224,801 174,691 - 653 (653) - 1,593 (76,751) (75,158)	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	2,511,883 (1,429,081) (641,628) 441,174 (13,194) (91,858) (105,052) (2,835) (619,960) (622,795)	2,559,745 (1,509,511) (635,000) 415,234 (12,196) (92,193) (104,389)	2,365,808 (1,316,715) (715,940) 333,153 (21,049) (89,906) (110,955)	(47,862) 80,430 (6,628) 25,940 (998) 335 (663) (2,835) 13,691	146,075 (112,366) 74,312 108,021 - 	11,358,528 (7,338,144) 4,020,384 5,119,500 (1,508,784) (1,832,772) 1,777,944 (8,006,604) (8,006,604)	11,358,510 (7,338,128) - 4,020,382 - 5,119,500 (1,508,789) (1,832,775) 1,777,936	10,850,411 (5,931,800) 5,800,237 10,718,848 (1,475,406) (1,725,137) (3,200,543) (8,687,268) (8,687,268)	18 (16) 2 5 3 8 - (4) (4)	508,117 (1,406,344) (5,800,237) (6,698,464) - 5,119,500 (33,378) (107,635) 4,978,487
838,283 (547,799) 90,266 380,750 (4,342) (30,675) (35,017) 1,593 (257,103)	853,193 (564,512) 90,000 378,681 - (4,732) (30,731) (35,463)	Prior Yr 792,605 (452,011) (134,535) 206,059 (4,995) (30,022) (35,017)	(14,910) 16,713 266 2,069 390 56 446	45,678 (95,788) 224,801 174,691 - 653 (653) - 1,593 (76,751)	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	2,511,883 (1,429,081) (641,628) 441,174 (13,194) (91,858) (105,052) (2,835) (619,960) (622,795)	2,559,745 (1,509,511) (635,000) 415,234 (12,196) (92,193) (104,389) (633,651) (633,651)	Prior Yr 2,365,808 (1,316,715) (715,940) 333,153 (21,049) (89,906) (110,955) (375,271) (375,271)	(47,862) 80,430 (6,628) 25,940 (998) 335 (663) (2,835) 13,691	146,075 (112,366) 74,312 108,021 - 7,855 (1,952) 5,903 (2,835) (244,689) (247,524) (126,584)	11,358,528 (7,338,144) 	11,358,510 (7,338,128) - 4,020,382 - 5,119,500 (1,508,789) (1,832,775) 1,777,936	10,850,411 (5,931,800) 5,800,237 10,718,848 - (1,475,406) (1,725,137) (3,200,543) (8,687,268) (8,687,268)	18 (16)	508,117 (1,406,344) (5,800,237) (6,698,464) - 5,119,500 (33,378) (107,635) 4,978,487 - 680,664 (5,106,670)
838,283 (547,799) 90,266 380,750 (4,342) (30,675) (35,017) 1,593 (257,103) (255,510)	853,193 (564,512) 90,000 378,681 (4,732) (30,731) (35,463) (267,217) (267,217)	Prior Yr 792,605 (452,011) (134,535) 206,059 (4,995) (30,022) (35,017) (180,352) (180,352)	(14,910) 16,713 266 2,069 390 56 446 1,593 10,114 11,707	45,678 (95,788) 224,801 174,691 - 653 (653) - 1,593 (76,751) (75,158)	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 Invesments	2,511,883 (1,429,081) (641,628) 441,174 (13,194) (91,858) (105,052) (2,835) (619,960) (622,795) 1,236,000 (743,000)	2,559,745 (1,509,511) (635,000) 415,234 (12,196) (92,193) (104,389) (633,651) (633,651) 1,236,000 (743,000)	2,365,808 (1,316,715) (715,940) 333,153 (21,049) (89,906) (110,955) (375,271) (375,271) 1,362,584 (449,413)	(47,862) 80,430 (6,628) 25,940 (998) 335 (663) (2,835) 13,691	146,075 (112,366) 74,312 108,021 - - 7,855 (1,952) 5,903 (2,835) (244,689) (247,524) (126,584) (293,587)	11,358,528 (7,338,144) 	11,358,510 (7,338,128) 4,020,382 5,119,500 (1,508,789) (1,832,775) 1,777,936 (8,006,600) (8,006,600)	10,850,411 (5,931,800) 5,800,237 10,718,848 (1,475,406) (1,725,137) (3,200,543) (8,687,268) (8,687,268) 5,849,670 (2,389,820)	18 (16)	508,117 (1,406,344) (5,800,237) (6,698,464) - 5,119,500 (33,378) (107,635) 4,978,487 - 680,664 (5,106,670) 1,646,820
838,283 (547,799) 90,266 380,750 (4,342) (30,675) (35,017) 1,593 (257,103) (255,510) 493,000	853,193 (564,512) 90,000 378,681 (4,732) (30,731) (35,463) (267,217) (267,217) 493,000	Prior Yr 792,605 (452,011) (134,535) 206,059 (4,995) (30,022) (35,017) (180,352) (180,352) (201,666)	(14,910) 16,713 266 2,069 390 56 446 1,593 10,114 11,707	45,678 (95,788) 224,801 174,691 653 (653) 1,593 (76,751) (75,158) 694,666	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 Investments Converting To Cash Purchased Invesments Interest Income	2,511,883 (1,429,081) (641,628) 441,174 (13,194) (91,858) (105,052) (2,835) (619,960) (622,795) 1,236,000 (743,000) 32,177	2,559,745 (1,509,511) (635,000) 415,234 (12,196) (92,193) (104,389) (633,651) (633,651) 1,236,000 (743,000) 39,999	2,365,808 (1,316,715) (715,940) 333,153 (21,049) (89,906) (110,955) (375,271) (375,271) 1,362,584 (449,413) 42,131	(47,862) 80,430 (6,628) 25,940 (998) 335 (663) (2,835) 13,691 10,856	146,075 (112,366) 74,312 108,021 7,855 (1,952) 5,903 (2,835) (244,689) (247,524) (126,584) (293,587) (9,954)	11,358,528 (7,338,144) 	11,358,510 (7,338,128) 4,020,382 5,119,500 (1,508,789) (1,832,775) 1,777,936 (8,006,600) (8,006,600)	10,850,411 (5,931,800) 5,800,237 10,718,848 (1,475,406) (1,725,137) (3,200,543) (8,687,268) (8,687,268) (8,687,268) (2,389,820) 179,230	18 (16)	508,117 (1,406,344) (5,800,237) (6,698,464) 5,119,500 (33,378) (107,635) 4,978,487 - 680,664 680,664 (5,106,670) 1,646,820 (19,234)
838,283 (547,799) 90,266 380,750 (4,342) (30,675) (35,017) 1,593 (257,103) (255,510)	853,193 (564,512) 90,000 378,681 (4,732) (30,731) (35,463) (267,217) (267,217)	Prior Yr 792,605 (452,011) (134,535) 206,059 (4,995) (30,022) (35,017) (180,352) (180,352)	(14,910) 16,713 266 2,069 390 56 446 1,593 10,114 11,707	45,678 (95,788) 224,801 174,691 - 653 (653) - 1,593 (76,751) (75,158)	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 Invesments	2,511,883 (1,429,081) (641,628) 441,174 (13,194) (91,858) (105,052) (2,835) (619,960) (622,795) 1,236,000 (743,000)	2,559,745 (1,509,511) (635,000) 415,234 (12,196) (92,193) (104,389) (633,651) (633,651) 1,236,000 (743,000)	2,365,808 (1,316,715) (715,940) 333,153 (21,049) (89,906) (110,955) (375,271) (375,271) 1,362,584 (449,413)	(47,862) 80,430 (6,628) 25,940 (998) 335 (663) (2,835) 13,691	146,075 (112,366) 74,312 108,021 - - 7,855 (1,952) 5,903 (2,835) (244,689) (247,524) (126,584) (293,587)	11,358,528 (7,338,144) 	11,358,510 (7,338,128) 4,020,382 5,119,500 (1,508,789) (1,832,775) 1,777,936 (8,006,600) (8,006,600)	10,850,411 (5,931,800) 5,800,237 10,718,848 (1,475,406) (1,725,137) (3,200,543) (8,687,268) (8,687,268) 5,849,670 (2,389,820)	18 (16)	508,117 (1,406,344) (5,800,237) (6,698,464) - 5,119,500 (33,378) (107,635) 4,978,487 - 680,664 680,664 (5,106,670) 1,646,820
838,283 (547,799) 90,266 380,750 (4,342) (30,675) (35,017) 1,593 (257,103) (255,510) 493,000	853,193 (564,512) 90,000 378,681 (4,732) (30,731) (35,463) (267,217) (267,217) 493,000	Prior Yr 792,605 (452,011) (134,535) 206,059 (4,995) (30,022) (35,017) (180,352) (180,352) (201,666)	(14,910) 16,713 266 2,069 390 56 446 1,593 10,114 11,707	45,678 (95,788) 224,801 174,691 653 (653) 1,593 (76,751) (75,158) 694,666	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 Investments Converting To Cash Purchased Invesments Interest Income	2,511,883 (1,429,081) (641,628) 441,174 (13,194) (91,858) (105,052) (2,835) (619,960) (622,795) 1,236,000 (743,000) 32,177	2,559,745 (1,509,511) (635,000) 415,234 (12,196) (92,193) (104,389) (633,651) (633,651) 1,236,000 (743,000) 39,999	2,365,808 (1,316,715) (715,940) 333,153 (21,049) (89,906) (110,955) (375,271) (375,271) 1,362,584 (449,413) 42,131	(47,862) 80,430 (6,628) 25,940 (998) 335 (663) (2,835) 13,691 10,856	146,075 (112,366) 74,312 108,021 7,855 (1,952) 5,903 (2,835) (244,689) (247,524) (126,584) (293,587) (9,954)	11,358,528 (7,338,144) 	11,358,510 (7,338,128) 4,020,382 5,119,500 (1,508,789) (1,832,775) 1,777,936 (8,006,600) (8,006,600)	10,850,411 (5,931,800) 5,800,237 10,718,848 (1,475,406) (1,725,137) (3,200,543) (8,687,268) (8,687,268) (8,687,268) (2,389,820) 179,230	18 (16)	508,117 (1,406,344) (5,800,237) (6,698,464) 5,119,500 (33,378) (107,635) 4,978,487 - 680,664 680,664 (5,106,670) 1,646,820 (19,234)
838,283 (547,799) 90,266 380,750 (4,342) (30,675) (35,017) 1,593 (257,103) (255,510) 493,000 8,946 501,946	853,193 (564,512) 90,000 378,681 (4,732) (30,731) (35,463) (267,217) (267,217) 493,000 13,333 506,333	Prior Yr 792,605 (452,011) (134,535) 206,059 (4,995) (30,022) (35,017) (180,352) (180,352) (201,666) 12,738 (188,928)	(14,910) 16,713 266 2,069 390 56 446 1,593 10,114 11,707 (4,387) (4,387)	45,678 (95,788) 224,801 174,691 - 653 (653) - 1,593 (76,751) (75,158) 694,666 - (3,792) 690,874	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 Invesments Interest Income Net Cash Provided By (Used In) Investing Activities FUND NET CASH FLOWS	2,511,883 (1,429,081) (641,628) 441,174 (13,194) (91,858) (105,052) (2,835) (619,960) (622,795) 1,236,000 (743,000) 32,177 525,177	2,559,745 (1,509,511) (635,000) 415,234 (12,196) (92,193) (104,389) (633,651) (633,651) 1,236,000 (743,000) 39,999 532,999	Prior Yr 2,365,808 (1,316,715) (715,940) 333,153 (21,049) (89,906) (110,955) (375,271) (375,271) 1,362,584 (449,413) 42,131 955,302	(47,862) 80,430 (6,628) 25,940 (998) 335 (663) (2,835) 13,691 10,856	146,075 (112,366) 74,312 108,021 7,855 (1,952) 5,903 (2,835) (244,689) (247,524) (126,584) (293,587) (9,954) (430,125)	11,358,528 (7,338,144) 4,020,384 5,119,500 (1,508,784) (1,832,772) 1,777,944 (8,006,604) (8,006,604) 743,000 (743,000) 159,996	11,358,510 (7,338,128) 4,020,382 5,119,500 (1,508,789) (1,832,775) 1,777,936 (8,006,600) (8,006,600) (1,0000)	10,850,411 (5,931,800) 5,800,237 10,718,848 (1,475,406) (1,725,137) (3,200,543) (8,687,268) (8,687,268) (2,389,820) 179,230 3,639,080	18 (16)	508,117 (1,406,344) (5,800,237) (6,698,464) 5,119,500 (33,378) (107,635) 4,978,487
838,283 (547,799) 90,266 380,750 (4,342) (30,675) (35,017) 1,593 (257,103) (255,510) 493,000 8,946 501,946 592,169	853,193 (564,512) 90,000 378,681 (4,732) (30,731) (35,463) (267,217) (267,217) 493,000 13,333 506,333 582,334	Prior Yr 792,605 (452,011) (134,535) 206,059 (4,995) (30,022) (35,017) (180,352) (180,352) (201,666) - 12,738 (188,928) (198,238)	(14,910) 16,713 266 2,069 390 56 446 1,593 10,114 11,707 (4,387) (4,387) 9,835	45,678 (95,788) 224,801 174,691 653 (653) 1,593 (76,751) (75,158) 694,666 (3,792) 690,874 790,407	CASH FLOW STATEMENT Cash Flows From Operating Activities Operating Revenues 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 Investments Converting To Cash Purchased Invesments Interest Income Net Cash Provided By (Used In) Investing Activities FUND NET CASH FLOWS DEBT SERVICE RATIO	2,511,883 (1,429,081) (641,628) 441,174 (13,194) (91,858) (105,052) (2,835) (619,960) (622,795) 1,236,000 (743,000) 32,177 525,177 238,504	2,559,745 (1,509,511) (635,000) 415,234 (12,196) (92,193) (104,389) (633,651) (633,651) 1,236,000 (743,000) 39,999 532,999 210,193	2,365,808 (1,316,715) (715,940) 333,153 (21,049) (89,906) (110,955) (375,271) (375,271) 1,362,584 (449,413) 42,131 955,302 802,229	(47,862) 80,430 (6,628) 25,940 (998) 335 (663) (2,835) 13,691 10,856	146,075 (112,366) 74,312 108,021 7,855 (1,952) 5,903 (2,835) (244,689) (247,524) (126,584) (293,587) (9,954) (430,125) (563,725)	11,358,528 (7,338,144) - 4,020,384 - 5,119,500 (1,508,784) (1,832,772) 1,777,944 - (8,006,604) (8,006,604) 743,000 (743,000) 159,996 (2,048,280)	11,358,510 (7,338,128) 4,020,382 5,119,500 (1,508,789) (1,832,775) 1,777,936 (8,006,600) (8,006,600) 160,000 160,000 (2,048,282)	10,850,411 (5,931,800) 5,800,237 10,718,848 (1,475,406) (1,725,137) (3,200,543) (8,687,268) (8,687,268) (8,687,268) (2,389,820) 179,230 3,639,080 2,470,117	18 (16)	508,117 (1,406,344) (5,800,237) (6,698,464) 5,119,500 (33,378) (107,635) 4,978,487
838,283 (547,799) 90,266 380,750 (4,342) (30,675) (35,017) 1,593 (257,103) (255,510) 493,000 8,946 501,946 592,169	853,193 (564,512) 90,000 378,681 (4,732) (30,731) (35,463) (267,217) (267,217) 493,000 13,333 506,333 582,334	Prior Yr 792,605 (452,011) (134,535) 206,059 (4,995) (30,022) (35,017) (180,352) (180,352) (201,666) 12,738 (188,928) (198,238)	(14,910) 16,713 266 2,069 390 56 446 1,593 10,114 11,707 (4,387) (4,387)	45,678 (95,788) 224,801 174,691 	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 Invesments Interest Income Net Cash Provided By (Used In) Investing Activities FUND NET CASH FLOWS DEBT SERVICE RATIO Total Cash Available For Debt Service	2,511,883 (1,429,081) (641,628) 441,174 (13,194) (91,858) (105,052) (2,835) (619,960) (622,795) 1,236,000 (743,000) 32,177 238,504	2,559,745 (1,509,511) (635,000) 415,234 (12,196) (92,193) (104,389) (633,651) (633,651) 1,236,000 (743,000) 39,999 210,193	Prior Yr 2,365,808 (1,316,715) (715,940) 333,153 (21,049) (89,906) (110,955) (375,271) (375,271) 1,362,584 (449,413) 42,131 955,302 802,229	(47,862) 80,430 (6,628) 25,940 (998) 335 (663) (2,835) 13,691 10,856	146,075 (112,366) 74,312 108,021 7,855 (1,952) 5,903 (2,835) (244,689) (247,524) (126,584) (293,587) (9,954) (430,125) (563,725)	11,358,528 (7,338,144) 4,020,384 5,119,500 (1,508,784) (1,832,772) 1,777,944 (8,006,604) (8,006,604) 743,000 (743,000) (743,000) 159,996 (2,048,280)	11,358,510 (7,338,128) 4,020,382 5,119,500 (1,508,789) (1,832,775) 1,777,936 (8,006,600) (8,006,600) 160,000 (2,048,282)	10,850,411 (5,931,800) 5,800,237 10,718,848 (1,475,406) (1,725,137) (3,200,543) (8,687,268) (8,687,268) (8,687,268) (2,389,820) 179,230 3,639,080 2,470,117	18 (16)	508,117 (1,406,344) (5,800,237) (6,698,464) 5,119,500 (33,378) (107,635) 4,978,487 - 680,664 (5,106,670) 1,646,820 (19,234) (3,479,084) (4,518,397)
838,283 (547,799) 90,266 380,750 (4,342) (30,675) (35,017) 1,593 (257,103) (255,510) 493,000 8,946 501,946 592,169	853,193 (564,512) 90,000 378,681 (4,732) (30,731) (35,463) (267,217) (267,217) 493,000 13,333 506,333 582,334	Prior Yr 792,605 (452,011) (134,535) 206,059 (4,995) (30,022) (35,017) (180,352) (180,352) (201,666) - 12,738 (188,928) (198,238)	(14,910) 16,713 266 2,069 390 56 446 1,593 10,114 11,707 (4,387) (4,387) 9,835	45,678 (95,788) 224,801 174,691 653 (653) 1,593 (76,751) (75,158) 694,666 (3,792) 690,874 790,407	CASH FLOW STATEMENT Cash Flows From Operating Activities Operating Revenues 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 Investments Converting To Cash Purchased Invesments Interest Income Net Cash Provided By (Used In) Investing Activities FUND NET CASH FLOWS DEBT SERVICE RATIO	2,511,883 (1,429,081) (641,628) 441,174 (13,194) (91,858) (105,052) (2,835) (619,960) (622,795) 1,236,000 (743,000) 32,177 525,177 238,504	2,559,745 (1,509,511) (635,000) 415,234 (12,196) (92,193) (104,389) (633,651) (633,651) 1,236,000 (743,000) 39,999 532,999 210,193	2,365,808 (1,316,715) (715,940) 333,153 (21,049) (89,906) (110,955) (375,271) (375,271) 1,362,584 (449,413) 42,131 955,302 802,229	(47,862) 80,430 (6,628) 25,940 (998) 335 (663) (2,835) 13,691 10,856	146,075 (112,366) 74,312 108,021 7,855 (1,952) 5,903 (2,835) (244,689) (247,524) (126,584) (293,587) (9,954) (430,125) (563,725)	11,358,528 (7,338,144) - 4,020,384 - 5,119,500 (1,508,784) (1,832,772) 1,777,944 - (8,006,604) (8,006,604) 743,000 (743,000) 159,996 (2,048,280)	11,358,510 (7,338,128) 4,020,382 5,119,500 (1,508,789) (1,832,775) 1,777,936 (8,006,600) (8,006,600) 160,000 160,000 (2,048,282)	10,850,411 (5,931,800) 5,800,237 10,718,848 (1,475,406) (1,725,137) (3,200,543) (8,687,268) (8,687,268) (8,687,268) (2,389,820) 179,230 3,639,080 2,470,117	18 (16)	508,117 (1,406,344) (5,800,237) (6,698,464) 5,119,500 (33,378) (107,635) 4,978,487

LEHIGH COUNTY AUTHORITY FINANCIAL STATEMENTS - SUBURBAN WATER MARCH 2020

FORECAST VARIANCES - MONTH

	FORECAST \	/ARIANCES - N	MONTH	
INCOME STATEMENT	Actual	Forecast	Variance	Comments
Operating Revenues				
User Charges	805,825	822,568	(16,743)	Lower residential revenus and lower fire service revenues
Connection & System Charges	32,458	30,625	1,833	Lond 100 action action as and lond line control lond lond
Total Operating Revenues	838,283	853,193	(14,910)	Lower user charges
Total Operating Nevertues	030,203	033,173	(14,710)	Lower door charges
Operating Expenses				
Salaries and Wages	116,068	125,519	9,451	
General and Administrative	131,484	99,486	(31,998)	Higher internal service charges allocated in
Utilities	37,821	49,712	11,891	
Materials and Supplies	14,622	32,917	18,295	Lower purification supplies and lower supplies for D&C
Miscellaneous Services	181,272	190,595	9,323	
Treatment & Transportation	-	-	-	
Depreciation and Amortization	220,000	229,167	9,167	
Other Expenses	66,532	66,283	(249)	
Total Operating Expenses	767,799	793,679	25,880	
				Lower operating revenues more than offset by lower operating
Net Operating Income	70,484	59,514	10,970	expenses
Non-Operating Income (Expenses)				
Interest Income	8,946	13,333	(4,387)	
Interest (Expense)	(127,692)	(125,732)	(1,960)	
Other Miscellaneous Income (Expenses)	1,593	-	1,593	
Capital Contributions	-	_	-	
Total Non-Operating Income (Expenses)	(117,153)	(112,399)	(4,754)	Lower interest income
		(=,)	(1,1.0.1)	Higher operating income partially offset by lower non-operating
NET INCOME	(46,669)	(52,885)	6,216	income
	FORECAST V	/ARIANCES - N	MONTH	
CASH FLOW STATEMENT	Actual	Forecast	Variance	Comments
Cash Flows From Operating Activities	202 222	050.400	(4.4.04.0)	
Operating Revenues	838,283	853,193	(14,910)	
Operating Expenses (ex D&A)	(547,799)	(564,512)	16,713	
Non-Cash Working Capital Changes	90,266	90,000	266	
Not Cach Provided by (Used in) Operating Activities	200.750	270 401	2.040	Lower operating revenues more than offset by lower operating expenses
Net Cash Provided by (Used in) Operating Activities	380,750	378,681	2,069	скрепаез
Cash Flows From Financing Activities				
Capital Contributions	-	-	-	
Proceeds New Borrowing	-	-	-	
Interest Payments	(4,342)	(4,732)	390	
Principal Payments	(30,675)	(30,731)	56	
Net Cash Provided by (Used in) Financing Activities	(35,017)	(35,463)	446	
Cash Flows from Capital and Related Activities				
Capital Expenditures, Net	(257,103)	(267,217)	10,114	
Non-Operating Income (Expenses)	1,593	(201,211)	1,593	
Net Cash Provided By (Used In) Capital and Related Activities	(255,510)	(267,217)	11,707	Lower capex spending
1.5. Subilitional by (5568 iii) Supilar and Notated Millionies	(200,010)	(201,211)	11,101	
Cash Flows From Investing Activities				
Investments Converting To Cash	493,000	493,000	-	
Purchased Invesments	-	-	-	
Interest Income	8,946	13,333	(4,387)	
Net Cash Provided By (Used In) Investing Activities	501,946	506,333	(4,387)	
	_			Higher cash from operations along with lower capex spending
FUND NET CASH FLOWS	592,169	582,334	9,835	offset partially by lower interest income

LEHIGH COUNTY AUTHORITY FINANCIAL STATEMENTS - SUBURBAN WASTEWATER MARCH 2020

		MONTH			MARCH 2020		١	YEAR-TO-DATE					FULL YEAR		
Actual	Forecast	Prior Yr	FC Var	PY Var	INCOME STATEMENT	Actual	Forecast	Prior Yr	FC Var	PY Var	Forecast	Budget	Prior Yr	Bud Var	PY Var
					Operating Revenues										
1,233,717	1,240,513	949,605	(6,796)	284,112	User Charges	3,858,406	3,846,776	3,781,929	11,630	76,477	16,446,156	16,446,154	14,566,551	2	1,879,605
52,014	30,524	64,473	21,490	(12,459)	Connection & System Fees	2,770,308	2,751,572	117,094	18,736	2,653,214	3,396,288	846,282	2,778,171	2,550,006	618,117
1,285,731	1,271,037	1,014,078	14,694	271,653	Total Operating Revenues	6,628,714	6,598,348	3,899,023	30,366	2,729,691	19,842,444	17,292,436	17,344,722	2,550,008	2,497,722
					Operating Expenses										
51,114	53,712	87,791	2,598	36,677	Personnel Costs	179,292	181,136	212,757	1,844	33,465	992,544	992,555	804,472	11	(188,072)
62,280	37,724	13,289	(24,556)	(48,991)	General and Administrative	133,713	103,172	76,915	(30,541)	(56,798)	452,688	452,684	396,588	(4)	(56,100)
23,147	38,694	6,091	15,547	(17,056)	Utilities	69,137	85,082	68,623	15,945	(514)	464,328	464,325	438,942	(3)	(25,386)
30,195	35,846	22,513	5,651	(7,682)	Materials and Supplies	69,646	87,538	78,914	17,892	9,268	430,152	430,139	333,610	(13)	(96,542)
728,506	734,663	829,186	6,157	100,680	Miscellaneous Services	2,054,803	2,106,843	2,384,532	52,040	329,729	10,015,956	10,015,943	9,824,619	(13)	(191,337)
-	-	-	-	-	Treatment & Transportation	-	-	-	-	-	-	-	-	-	-
383,460	383,583	383,527	123	67	Depreciation and Amortization	1,150,380	1,150,749	1,150,581	369	201	4,602,996	4,603,000	4,602,324	4	(672)
6,032	8,333	1,525	2,301	(4,507)	Other Expenses	10,624	14,999	10,923	4,375	299	999,996	1,000,000	1,982,852	4	982,856
1,284,734	1,292,555	1,343,922	7,821	59,188	Total Operating Expenses	3,667,595	3,729,519	3,983,245	61,924	315,650	17,958,660	17,958,646	18,383,407	(14)	424,747
997	(21,518)	(329,844)	22,515	330,841	Net Operating Income	2,961,119	2,868,829	(84,222)	92,290	3,045,341	1,883,784	(666,210)	(1,038,685)	2,549,994	2,922,469
					Non-Operating Income (Expense)										
21,899	16,667	23,431	5,232	(1,532)	Interest Income	65,091	50,001	69,532	15,090	(4,441)	200,004	200,000	284,246	4	(84,242)
(17,105)	(16,924)	(22,960)	(181)	5,855	Interest Expense	(51,141)	(50,772)	(51,941)	(369)	800	(803,088)	(803,082)	(213,115)	(6)	(589,973)
7,796	<u> </u>		7,796	7,796	Other Miscellaneous Income (Expenses)	16,153	<u> </u>		16,153	16,153	<u> </u>				
12,590	(257)	471	12,847	12,119	Net Non-Operating Income (Expense)	30,103	(771)	17,591	30,874	12,512	(603,084)	(603,082)	71,131	(2)	(674,215)
13,587	(21,775)	(329,373)	35,362	342,960	Net Income Before Capital Contributions	2,991,222	2,868,058	(66,631)	123,164	3,057,853	1,280,700	(1,269,292)	(967,554)	2,549,992	2,248,254
<u> </u>	<u> </u>		<u>-</u>	-	Capital Contributions		<u> </u>	<u> </u>	-	<u>-</u>	<u> </u>	-	<u> </u>	-	
13,587	(21,775)	(329,373)	35,362	342,960	NET INCOME	2,991,222	2,868,058	(66,631)	123,164	3,057,853	1,280,700	(1,269,292)	(967,554)	2,549,992	2,248,254
		MONTH			MARCH 2020		,	YEAR-TO-DATE					FULL YEAR		
		INICIALLI			WARTON 2020								I OLL I LAIN		
Actual	Enrocast	Drior Vr	EC Var	DV Var	CASH ELOW STATEMENT	Actual	Enrocast	Drior Vr	EC Var	DV Var	Enrocast	Rudget	Drior Vr	Rud Var	DV Var
Actual	Forecast	Prior Yr	FC Var	PY Var	CASH FLOW STATEMENT	Actual	Forecast	Prior Yr	FC Var	PY Var	Forecast	Budget	Prior Yr	Bud Var	PY Var
					Cash Flows From Operating Activities										
1,285,731	1,271,037	1,014,078	14,694	271,653	Cash Flows From Operating Activities Operating Revenues	6,628,714	6,598,348	3,899,023	30,366	2,729,691	19,842,444	17,292,436	17,344,722	2,550,008	2,497,722
1,285,731 (901,274)	1,271,037 (908,972)	1,014,078 (960,395)	14,694 7,698	271,653 59,121	Cash Flows From Operating Activities Operating Revenues Operating Expenses (ex D&A)	6,628,714 (2,517,215)	6,598,348 (2,578,770)	3,899,023 (2,832,664)	30,366 61,555	2,729,691 315,449			17,344,722 (13,781,083)		2,497,722 425,419
1,285,731 (901,274) (486,983)	1,271,037 (908,972) (500,000)	1,014,078 (960,395) 70,282	14,694 7,698 13,017	271,653 59,121 (557,265)	Cash Flows From Operating Activities Operating Revenues Operating Expenses (ex D&A) Non-Cash Working Capital Changes	6,628,714 (2,517,215) (2,060,123)	6,598,348 (2,578,770) (2,090,000)	3,899,023 (2,832,664) (1,136,489)	30,366 61,555 29,877	2,729,691 315,449 (923,634)	19,842,444 (13,355,664)	17,292,436 (13,355,646)	17,344,722 (13,781,083) 5,176,837	2,550,008 (18)	2,497,722 425,419 (5,176,837)
1,285,731 (901,274)	1,271,037 (908,972)	1,014,078 (960,395)	14,694 7,698	271,653 59,121	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	6,628,714 (2,517,215)	6,598,348 (2,578,770)	3,899,023 (2,832,664)	30,366 61,555	2,729,691 315,449	19,842,444	17,292,436	17,344,722 (13,781,083)	2,550,008	2,497,722 425,419
1,285,731 (901,274) (486,983)	1,271,037 (908,972) (500,000)	1,014,078 (960,395) 70,282	14,694 7,698 13,017	271,653 59,121 (557,265)	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	6,628,714 (2,517,215) (2,060,123)	6,598,348 (2,578,770) (2,090,000)	3,899,023 (2,832,664) (1,136,489)	30,366 61,555 29,877	2,729,691 315,449 (923,634)	19,842,444 (13,355,664)	17,292,436 (13,355,646)	17,344,722 (13,781,083) 5,176,837	2,550,008 (18)	2,497,722 425,419 (5,176,837)
1,285,731 (901,274) (486,983)	1,271,037 (908,972) (500,000)	1,014,078 (960,395) 70,282	14,694 7,698 13,017	271,653 59,121 (557,265)	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	6,628,714 (2,517,215) (2,060,123)	6,598,348 (2,578,770) (2,090,000)	3,899,023 (2,832,664) (1,136,489)	30,366 61,555 29,877	2,729,691 315,449 (923,634)	19,842,444 (13,355,664) - 6,486,780	17,292,436 (13,355,646) - 3,936,790	17,344,722 (13,781,083) 5,176,837	2,550,008 (18)	2,497,722 425,419 (5,176,837) (2,253,696)
1,285,731 (901,274) (486,983) (102,526)	1,271,037 (908,972) (500,000) (137,935)	1,014,078 (960,395) 70,282 123,965	14,694 7,698 13,017 35,409	271,653 59,121 (557,265) (226,491)	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	6,628,714 (2,517,215) (2,060,123) 2,051,376	6,598,348 (2,578,770) (2,090,000) 1,929,578	3,899,023 (2,832,664) (1,136,489) (70,130)	30,366 61,555 29,877 121,798	2,729,691 315,449 (923,634) 2,121,506	19,842,444 (13,355,664) - - 6,486,780	17,292,436 (13,355,646) - - 3,936,790	17,344,722 (13,781,083) 5,176,837 8,740,476	2,550,008 (18) - 2,549,990	2,497,722 425,419 (5,176,837) (2,253,696)
1,285,731 (901,274) (486,983) (102,526)	1,271,037 (908,972) (500,000) (137,935)	1,014,078 (960,395) 70,282 123,965	14,694 7,698 13,017 35,409	271,653 59,121 (557,265) (226,491)	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	6,628,714 (2,517,215) (2,060,123) 2,051,376	6,598,348 (2,578,770) (2,090,000) 1,929,578	3,899,023 (2,832,664) (1,136,489) (70,130)	30,366 61,555 29,877 121,798	2,729,691 315,449 (923,634) 2,121,506	19,842,444 (13,355,664) - - 6,486,780 - 22,635,000 (803,088)	17,292,436 (13,355,646) - 3,936,790 - 22,635,000 (803,082)	17,344,722 (13,781,083) 5,176,837 8,740,476	2,550,008 (18)	2,497,722 425,419 (5,176,837) (2,253,696) 22,635,000 (624,869)
1,285,731 (901,274) (486,983) (102,526)	1,271,037 (908,972) (500,000) (137,935) - - (16,924) (44,779)	1,014,078 (960,395) 70,282 123,965	14,694 7,698 13,017 35,409 2,793 274	271,653 59,121 (557,265) (226,491) 482 (3,488)	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	6,628,714 (2,517,215) (2,060,123) 2,051,376	6,598,348 (2,578,770) (2,090,000) 1,929,578 - - (97,772) (157,337)	3,899,023 (2,832,664) (1,136,489) (70,130) - (43,594) (122,832)	30,366 61,555 29,877 121,798	2,729,691 315,449 (923,634) 2,121,506	19,842,444 (13,355,664) - 6,486,780 - 22,635,000 (803,088) (813,348)	17,292,436 (13,355,646) - 3,936,790 - 22,635,000 (803,082) (813,353)	17,344,722 (13,781,083) 5,176,837 8,740,476 - (178,219) (499,110)	2,550,008 (18) 	2,497,722 425,419 (5,176,837) (2,253,696) - 22,635,000 (624,869) (314,238)
1,285,731 (901,274) (486,983) (102,526)	1,271,037 (908,972) (500,000) (137,935)	1,014,078 (960,395) 70,282 123,965	14,694 7,698 13,017 35,409	271,653 59,121 (557,265) (226,491)	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	6,628,714 (2,517,215) (2,060,123) 2,051,376	6,598,348 (2,578,770) (2,090,000) 1,929,578	3,899,023 (2,832,664) (1,136,489) (70,130)	30,366 61,555 29,877 121,798	2,729,691 315,449 (923,634) 2,121,506	19,842,444 (13,355,664) - - 6,486,780 - 22,635,000 (803,088)	17,292,436 (13,355,646) - 3,936,790 - 22,635,000 (803,082)	17,344,722 (13,781,083) 5,176,837 8,740,476	2,550,008 (18) - 2,549,990 - - (6)	2,497,722 425,419 (5,176,837) (2,253,696) 22,635,000 (624,869)
1,285,731 (901,274) (486,983) (102,526) - (14,131) (44,505) (58,636)	1,271,037 (908,972) (500,000) (137,935) - - (16,924) (44,779)	1,014,078 (960,395) 70,282 123,965	14,694 7,698 13,017 35,409 2,793 2,74 3,067	271,653 59,121 (557,265) (226,491) 	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 Net Cash Provided by (Used in) Financing Activities Cash Flows From Each Cash Provided by (Used in) Financing Activities Cash Flows from Capital and Related Activities	6,628,714 (2,517,215) (2,060,123) 2,051,376 (42,401) (137,530) (179,931)	6,598,348 (2,578,770) (2,090,000) 1,929,578 - - (97,772) (157,337)	3,899,023 (2,832,664) (1,136,489) (70,130) - (43,594) (122,832)	30,366 61,555 29,877 121,798 55,371 19,807 75,178	2,729,691 315,449 (923,634) 2,121,506 1,193 (14,698) (13,505)	19,842,444 (13,355,664) - 6,486,780 - 22,635,000 (803,088) (813,348)	17,292,436 (13,355,646) - 3,936,790 - 22,635,000 (803,082) (813,353)	17,344,722 (13,781,083) 5,176,837 8,740,476 - (178,219) (499,110)	2,550,008 (18) 	2,497,722 425,419 (5,176,837) (2,253,696) - 22,635,000 (624,869) (314,238)
1,285,731 (901,274) (486,983) (102,526) - (14,131) (44,505) (58,636)	1,271,037 (908,972) (500,000) (137,935) - (16,924) (44,779) (61,703)	1,014,078 (960,395) 70,282 123,965 (14,613) (41,017) (55,630)	14,694 7,698 13,017 35,409 2,793 2,74 3,067 7,796	271,653 59,121 (557,265) (226,491) 	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)	6,628,714 (2,517,215) (2,060,123) 2,051,376 (42,401) (137,530) (179,931)	6,598,348 (2,578,770) (2,090,000) 1,929,578 - (97,772) (157,337) (255,109)	3,899,023 (2,832,664) (1,136,489) (70,130) (43,594) (122,832) (166,426)	30,366 61,555 29,877 121,798 55,371 19,807 75,178	2,729,691 315,449 (923,634) 2,121,506 - - 1,193 (14,698) (13,505)	19,842,444 (13,355,664) - 6,486,780 22,635,000 (803,088) (813,348) 21,018,564	17,292,436 (13,355,646) - 3,936,790 22,635,000 (803,082) (813,353) 21,018,565	17,344,722 (13,781,083) 5,176,837 8,740,476 (178,219) (499,110) (677,329)	2,550,008 (18) 	2,497,722 425,419 (5,176,837) (2,253,696) 22,635,000 (624,869) (314,238) 21,695,893
1,285,731 (901,274) (486,983) (102,526) (14,131) (44,505) (58,636) 7,796 (1,034,305)	1,271,037 (908,972) (500,000) (137,935) - (16,924) (44,779) (61,703)	1,014,078 (960,395) 70,282 123,965 (14,613) (41,017) (55,630)	14,694 7,698 13,017 35,409 2,793 274 3,067 7,796 54,903	271,653 59,121 (557,265) (226,491) - 482 (3,488) (3,006) 7,796 (550,851)	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	6,628,714 (2,517,215) (2,060,123) 2,051,376 (42,401) (137,530) (179,931) 16,153 (1,576,233)	6,598,348 (2,578,770) (2,090,000) 1,929,578 (97,772) (157,337) (255,109)	3,899,023 (2,832,664) (1,136,489) (70,130) (43,594) (122,832) (166,426)	30,366 61,555 29,877 121,798 55,371 19,807 75,178 16,153 91,391	2,729,691 315,449 (923,634) 2,121,506 1,193 (14,698) (13,505) 16,153 (917,437)	19,842,444 (13,355,664) 6,486,780 22,635,000 (803,088) (813,348) 21,018,564	17,292,436 (13,355,646) - 3,936,790 22,635,000 (803,082) (813,353) 21,018,565	17,344,722 (13,781,083) 5,176,837 8,740,476 (178,219) (499,110) (677,329)	2,550,008 (18) - 2,549,990 - (6) 5 (1)	2,497,722 425,419 (5,176,837) (2,253,696) 22,635,000 (624,869) (314,238) 21,695,893
1,285,731 (901,274) (486,983) (102,526) - (14,131) (44,505) (58,636)	1,271,037 (908,972) (500,000) (137,935) - (16,924) (44,779) (61,703)	1,014,078 (960,395) 70,282 123,965 (14,613) (41,017) (55,630)	14,694 7,698 13,017 35,409 2,793 2,74 3,067 7,796	271,653 59,121 (557,265) (226,491) 	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 Frowided 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	6,628,714 (2,517,215) (2,060,123) 2,051,376 (42,401) (137,530) (179,931)	6,598,348 (2,578,770) (2,090,000) 1,929,578 - (97,772) (157,337) (255,109)	3,899,023 (2,832,664) (1,136,489) (70,130) (43,594) (122,832) (166,426)	30,366 61,555 29,877 121,798 55,371 19,807 75,178	2,729,691 315,449 (923,634) 2,121,506 - - 1,193 (14,698) (13,505)	19,842,444 (13,355,664) - 6,486,780 22,635,000 (803,088) (813,348) 21,018,564	17,292,436 (13,355,646) 3,936,790 22,635,000 (803,082) (813,353) 21,018,565	17,344,722 (13,781,083) 5,176,837 8,740,476 (178,219) (499,110) (677,329)	2,550,008 (18) - 2,549,990 - (6) 5 (1)	2,497,722 425,419 (5,176,837) (2,253,696) 22,635,000 (624,869) (314,238) 21,695,893
1,285,731 (901,274) (486,983) (102,526) - (14,131) (44,505) (58,636) 7,796 (1,034,305) (1,026,509)	1,271,037 (908,972) (500,000) (137,935) - (16,924) (44,779) (61,703) - (1,089,208) (1,089,208)	1,014,078 (960,395) 70,282 123,965 (14,613) (41,017) (55,630)	14,694 7,698 13,017 35,409 2,793 274 3,067 7,796 54,903	271,653 59,121 (557,265) (226,491) - 482 (3,488) (3,006) 7,796 (550,851) (543,055)	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	6,628,714 (2,517,215) (2,060,123) 2,051,376 (42,401) (137,530) (179,931) 16,153 (1,576,233) (1,560,080)	6,598,348 (2,578,770) (2,090,000) 1,929,578 - (97,772) (157,337) (255,109) - (1,667,624)	3,899,023 (2,832,664) (1,136,489) (70,130) - (43,594) (122,832) (166,426) - (658,796)	30,366 61,555 29,877 121,798 55,371 19,807 75,178 16,153 91,391	2,729,691 315,449 (923,634) 2,121,506 - 1,193 (14,698) (13,505) 16,153 (917,437) (901,284)	19,842,444 (13,355,664) 6,486,780 22,635,000 (803,088) (813,348) 21,018,564	17,292,436 (13,355,646) - 3,936,790 22,635,000 (803,082) (813,353) 21,018,565	17,344,722 (13,781,083) 5,176,837 8,740,476 (178,219) (499,110) (677,329) (8,646,149) (8,646,149)	2,550,008 (18) - 2,549,990 - (6) 5 (1)	2,497,722 425,419 (5,176,837) (2,253,696) - 22,635,000 (624,869) (314,238) 21,695,893 - 975,653
1,285,731 (901,274) (486,983) (102,526) (14,131) (44,505) (58,636) 7,796 (1,034,305)	1,271,037 (908,972) (500,000) (137,935) - (16,924) (44,779) (61,703)	1,014,078 (960,395) 70,282 123,965 (14,613) (41,017) (55,630) (483,454)	14,694 7,698 13,017 35,409 2,793 274 3,067 7,796 54,903	271,653 59,121 (557,265) (226,491) 	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	6,628,714 (2,517,215) (2,060,123) 2,051,376 (42,401) (137,530) (179,931) 16,153 (1,576,233) (1,560,080)	6,598,348 (2,578,770) (2,090,000) 1,929,578 - (97,772) (157,337) (255,109) - (1,667,624) 1,233,000	3,899,023 (2,832,664) (1,136,489) (70,130) (43,594) (122,832) (166,426) (658,796) 1,754,618	30,366 61,555 29,877 121,798 55,371 19,807 75,178 16,153 91,391 107,544	2,729,691 315,449 (923,634) 2,121,506 - 1,193 (14,698) (13,505) 16,153 (917,437) (901,284) (521,618)	19,842,444 (13,355,664) 6,486,780 22,635,000 (803,088) (813,348) 21,018,564	17,292,436 (13,355,646) - 3,936,790 22,635,000 (803,082) (813,353) 21,018,565	17,344,722 (13,781,083) 5,176,837 8,740,476 (178,219) (499,110) (677,329) (8,646,149) (8,646,149) 5,481,724	2,550,008 (18) - 2,549,990 - (6) 5 (1)	2,497,722 425,419 (5,176,837) (2,253,696) 22,635,000 (624,869) (314,238) 21,695,893 975,653 (5,481,724)
1,285,731 (901,274) (486,983) (102,526) (14,131) (44,505) (58,636) 7,796 (1,034,305) (1,026,509)	1,271,037 (908,972) (500,000) (137,935) - (16,924) (44,779) (61,703) - (1,089,208) (1,089,208)	1,014,078 (960,395) 70,282 123,965 (14,613) (41,017) (55,630) (483,454) (483,454)	14,694 7,698 13,017 35,409 2,793 2,74 3,067 7,796 54,903 62,699	271,653 59,121 (557,265) (226,491) 	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 Invesments	6,628,714 (2,517,215) (2,060,123) 2,051,376 (42,401) (137,530) (179,931) 16,153 (1,576,233) (1,560,080)	6,598,348 (2,578,770) (2,090,000) 1,929,578 (97,772) (157,337) (255,109) (1,667,624) (1,667,624) 1,233,000 (1,236,056)	3,899,023 (2,832,664) (1,136,489) (70,130) (43,594) (122,832) (166,426) (658,796) (658,796)	30,366 61,555 29,877 121,798 55,371 19,807 75,178 16,153 91,391 107,544	2,729,691 315,449 (923,634) 2,121,506 - - 1,193 (14,698) (13,505) 16,153 (917,437) (901,284) (521,618) 2,533,638	19,842,444 (13,355,664) - 6,486,780 22,635,000 (803,089) (813,348) 21,018,564 (7,670,496) (7,670,496)	17,292,436 (13,355,646) 3,936,790 22,635,000 (803,082) (813,353) 21,018,565 (7,670,500) (7,670,500)	17,344,722 (13,781,083) 5,176,837 8,740,476 (178,219) (499,110) (677,329) (8,646,149) (8,646,149) 5,481,724 (6,783,296)	2,550,008 (18) - 2,549,990 - (6) 5 (1) - 4	2,497,722 425,419 (5,176,837) (2,253,696) 22,635,000 (624,869) (314,238) 21,695,893 975,653 975,653 (5,481,724) 6,783,296
1,285,731 (901,274) (486,983) (102,526) (14,131) (44,505) (58,636) 7,796 (1,034,305) (1,026,509) 735,000	1,271,037 (908,972) (500,000) (137,935) - (16,924) (44,779) (61,703) - (1,089,208) (1,089,208) 735,000	1,014,078 (960,395) 70,282 123,965 (14,613) (41,017) (55,630) (483,454) (483,454)	14,694 7,698 13,017 35,409 2,793 274 3,067 7,796 54,903 62,699	271,653 59,121 (557,265) (226,491) 	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 Investments Converting Activities Investments Converting To Cash Purchased Invesments Interest Income	6.628,714 (2.517,215) (2.060,123) 2.051,376 (42,401) (137,530) (179,931) 16,153 (1.576,233) (1,560,080) 1,233,000 (1,233,000) 65,091	6.598.348 (2.578,770) (2.090,000) 1,929,578 (97,772) (157,337) (255,109) (1,667,624) (1,667,624) 1,233,000 (1,236,056) 50,001	3,899,023 (2,832,664) (1,136,489) (70,130) (43,594) (122,832) (166,426) (658,796) (658,796) 1,754,618 (3,766,638) 69,532	30,366 61,555 29,877 121,798 55,371 19,807 75,178 16,153 91,391 107,544	2,729,691 315,449 (923,634) 2,121,506 - 1,193 (14,698) (13,505) 16,153 (917,437) (901,284) (521,618) 2,533,638 (4,441)	19,842,444 (13,355,664) - 6,486,780 22,635,000 (803,088) (813,348) 21,018,564 - (7,670,496) (7,670,496)	17,292,436 (13,355,646) 3,936,790 22,635,000 (803,082) (813,353) 21,018,565 (7,670,500) (7,670,500)	17,344,722 (13,781,083) 5,176,837 8,740,476 (178,219) (499,110) (677,329) (8,646,149) (8,646,149) 5,481,724 (6,783,296) 284,246	2,550,008 (18) - 2,549,990 - (6) 5 (1) - 4 4 4	2,497,722 425,419 (5,176,837) (2,253,696) 22,635,000 (624,869) (314,238) 21,695,893 975,653 975,653 (5,481,724) 6,783,296 (84,242)
1,285,731 (901,274) (486,983) (102,526) (14,131) (44,505) (58,636) 7,796 (1,034,305) (1,026,509) 735,000	1,271,037 (908,972) (500,000) (137,935) - (16,924) (44,779) (61,703) - (1,089,208) (1,089,208) 735,000 - 16,667 751,667	1,014,078 (960,395) 70,282 123,965 (14,613) (41,017) (55,630) (483,454) (483,454) (483,454) (7,165) 23,431 16,266	14,694 7,698 13,017 35,409 2,793 274 3,067 7,796 54,903 62,699 5,232 5,232	271,653 59,121 (557,265) (226,491) - - 482 (3,488) (3,006) 7,796 (550,851) (543,055) 735,000 7,165 (1,532) 740,633	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 Invesements Interest Income Net Cash Provided By (Used In) Investing Activities	6,628,714 (2,517,215) (2,060,123) 2,051,376 (42,401) (137,530) (179,931) 16,153 (1,576,233) (1,560,080) 1,233,000 (1,233,000) 65,091 65,091	6,598,348 (2,578,770) (2,090,000) 1,929,578 (97,772) (157,337) (255,109) (1,667,624) (1,667,624) 1,233,000 (1,236,056) 50,001 46,945	(43.594) (12,832,664) (1,136,489) (70,130) (43,594) (122,832) (166,426) (658,796) (658,796) (658,796) (658,796) (658,796) (658,796) (658,796)	30,366 61,555 29,877 121,798 55,371 19,807 75,178 16,153 91,391 107,544	2,729,691 315,449 (923,634) 2,121,506 - 1,193 (14,698) (13,505) 16,153 (917,437) (901,284) (521,618) 2,533,638 (4,441) 2,007,579	19,842,444 (13,355,664) - 6,486,780 22,635,000 (803,088) (813,348) 21,018,564 (7,670,496) (7,670,496) - 200,004 200,004	17,292,436 (13,355,646) 3,936,790 22,635,000 (803,082) (813,353) 21,018,565 (7,670,500) (7,670,500) 	17,344,722 (13,781,083) 5,176,837 8,740,476 (178,219) (499,110) (677,329) (8,646,149) (8,646,149) 5,481,724 (6,783,296) 284,246 (1,017,326)	2,550,008 (18) - 2,549,990 - (6) 5 (1) - 4 4 4 4	2,497,722 425,419 (5,176,837) (2,253,696) 22,635,000 (624,869) (314,238) 21,695,893 975,653 975,653 (5,481,724) 6,783,296 (84,242) 1,217,330
1,285,731 (901,274) (486,983) (102,526) (14,131) (44,505) (58,636) 7,796 (1,034,305) (1,026,509) 735,000	1,271,037 (908,972) (500,000) (137,935) - (16,924) (44,779) (61,703) - (1,089,208) (1,089,208) 735,000	1,014,078 (960,395) 70,282 123,965 (14,613) (41,017) (55,630) (483,454) (483,454)	14,694 7,698 13,017 35,409 2,793 274 3,067 7,796 54,903 62,699	271,653 59,121 (557,265) (226,491) 	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 Investments Converting Activities Investments Converting To Cash Purchased Invesments Interest Income	6.628,714 (2.517,215) (2.060,123) 2.051,376 (42,401) (137,530) (179,931) 16,153 (1.576,233) (1,560,080) 1,233,000 (1,233,000) 65,091	6.598.348 (2.578,770) (2.090,000) 1,929,578 (97,772) (157,337) (255,109) (1,667,624) (1,667,624) 1,233,000 (1,236,056) 50,001	3,899,023 (2,832,664) (1,136,489) (70,130) (43,594) (122,832) (166,426) (658,796) (658,796) 1,754,618 (3,766,638) 69,532	30,366 61,555 29,877 121,798 55,371 19,807 75,178 16,153 91,391 107,544	2,729,691 315,449 (923,634) 2,121,506 - 1,193 (14,698) (13,505) 16,153 (917,437) (901,284) (521,618) 2,533,638 (4,441)	19,842,444 (13,355,664) - 6,486,780 22,635,000 (803,088) (813,348) 21,018,564 - (7,670,496) (7,670,496)	17,292,436 (13,355,646) 3,936,790 22,635,000 (803,082) (813,353) 21,018,565 (7,670,500) (7,670,500)	17,344,722 (13,781,083) 5,176,837 8,740,476 (178,219) (499,110) (677,329) (8,646,149) (8,646,149) 5,481,724 (6,783,296) 284,246	2,550,008 (18) - 2,549,990 - (6) 5 (1) - 4 4 4	2,497,722 425,419 (5,176,837) (2,253,696) 22,635,000 (624,869) (314,238) 21,695,893 975,653 975,653 (5,481,724) 6,783,296 (84,242)
1,285,731 (901,274) (486,983) (102,526) (14,131) (44,505) (58,636) 7,796 (1,034,305) (1,026,509) 735,000	1,271,037 (908,972) (500,000) (137,935) - (16,924) (44,779) (61,703) - (1,089,208) (1,089,208) 735,000 - 16,667 751,667	1,014,078 (960,395) 70,282 123,965 (14,613) (41,017) (55,630) (483,454) (483,454) (483,454) (7,165) 23,431 16,266	14,694 7,698 13,017 35,409 2,793 274 3,067 7,796 54,903 62,699 5,232 5,232	271,653 59,121 (557,265) (226,491) - - 482 (3,488) (3,006) 7,796 (550,851) (543,055) 735,000 7,165 (1,532) 740,633	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 Invesements Interest Income Net Cash Provided By (Used In) Investing Activities	6,628,714 (2,517,215) (2,060,123) 2,051,376 (42,401) (137,530) (179,931) 16,153 (1,576,233) (1,560,080) 1,233,000 (1,233,000) 65,091 65,091	6,598,348 (2,578,770) (2,090,000) 1,929,578 (97,772) (157,337) (255,109) (1,667,624) (1,667,624) 1,233,000 (1,236,056) 50,001 46,945	(43.594) (12,832,664) (1,136,489) (70,130) (43,594) (122,832) (166,426) (658,796) (658,796) (658,796) (658,796) (658,796) (658,796) (658,796)	30,366 61,555 29,877 121,798 55,371 19,807 75,178 16,153 91,391 107,544	2,729,691 315,449 (923,634) 2,121,506 - 1,193 (14,698) (13,505) 16,153 (917,437) (901,284) (521,618) 2,533,638 (4,441) 2,007,579	19,842,444 (13,355,664) - 6,486,780 22,635,000 (803,088) (813,348) 21,018,564 (7,670,496) (7,670,496) - 200,004 200,004	17,292,436 (13,355,646) 3,936,790 22,635,000 (803,082) (813,353) 21,018,565 (7,670,500) (7,670,500) 	17,344,722 (13,781,083) 5,176,837 8,740,476 (178,219) (499,110) (677,329) (8,646,149) (8,646,149) 5,481,724 (6,783,296) 284,246 (1,017,326)	2,550,008 (18) - 2,549,990 - (6) 5 (1) - 4 4 4 4	2,497,722 425,419 (5,176,837) (2,253,696) 22,635,000 (624,869) (314,238) 21,695,893 975,653 975,653 (5,481,724) 6,783,296 (84,242) 1,217,330
1,285,731 (901,274) (486,983) (102,526) (14,131) (44,505) (58,636) 7,796 (1,034,305) (1,026,509) 735,000	1,271,037 (908,972) (500,000) (137,935) - (16,924) (44,779) (61,703) - (1,089,208) (1,089,208) 735,000 - 16,667 751,667	1,014,078 (960,395) 70,282 123,965 (14,613) (41,017) (55,630) (483,454) (483,454) (483,454) (7,165) 23,431 16,266	14,694 7,698 13,017 35,409 2,793 274 3,067 7,796 54,903 62,699 5,232 5,232	271,653 59,121 (557,265) (226,491) - - 482 (3,488) (3,006) 7,796 (550,851) (543,055) 735,000 7,165 (1,532) 740,633	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 Invesments Interest Income Net Cash Provided By (Used In) Investing Activities FUND NET CASH FLOWS	6,628,714 (2,517,215) (2,060,123) 2,051,376 (42,401) (137,530) (179,931) 16,153 (1,576,233) (1,560,080) 1,233,000 (1,233,000) 65,091 65,091	6,598,348 (2,578,770) (2,090,000) 1,929,578 (97,772) (157,337) (255,109) (1,667,624) (1,667,624) 1,233,000 (1,236,056) 50,001 46,945	(43.594) (12,832,664) (1,136,489) (70,130) (43,594) (122,832) (166,426) (658,796) (658,796) (658,796) (658,796) (658,796) (658,796) (658,796)	30,366 61,555 29,877 121,798 55,371 19,807 75,178 16,153 91,391 107,544	2,729,691 315,449 (923,634) 2,121,506 - 1,193 (14,698) (13,505) 16,153 (917,437) (901,284) (521,618) 2,533,638 (4,441) 2,007,579	19,842,444 (13,355,664) - 6,486,780 22,635,000 (803,088) (813,348) 21,018,564 (7,670,496) (7,670,496) - 200,004 200,004	17,292,436 (13,355,646) 3,936,790 22,635,000 (803,082) (813,353) 21,018,565 (7,670,500) (7,670,500) 	17,344,722 (13,781,083) 5,176,837 8,740,476 (178,219) (499,110) (677,329) (8,646,149) (8,646,149) 5,481,724 (6,783,296) 284,246 (1,017,326)	2,550,008 (18) - 2,549,990 - (6) 5 (1) - 4 4 4 4	2,497,722 425,419 (5,176,837) (2,253,696) 22,635,000 (624,869) (314,238) 21,695,893 975,653 975,653 (5,481,724) 6,783,296 (84,242) 1,217,330
1,285,731 (901,274) (486,983) (102,526) (14,131) (44,505) (58,636) 7,796 (1,034,305) (1,026,509) 735,000 21,899 756,899 (430,772)	1,271,037 (908,972) (500,000) (137,935) (16,924) (44,779) (61,703) (1,089,208) (1,089,208) 16,667 751,667 (537,179)	1,014,078 (960,395) 70,282 123,965 (14,613) (41,017) (55,630) (483,454) (483,454) (7,165) 23,431 16,266 (398,853)	14,694 7,698 13,017 35,409 2,793 274 3,067 7,796 54,903 62,699 5,232 5,232 106,407	271,653 59,121 (557,265) (226,491) 482 (3,488) (3,006) 7,796 (550,851) (543,055) 735,000 7,165 (1,532) 740,633 (31,919)	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 Investments Converting To Cash Purchased Invesments Interest Income Net Cash Provided By (Used In) Investing Activities FUND NET CASH FLOWS DEBT SERVICE RATIO	6,628,714 (2,517,215) (2,060,123) 2,051,376 (42,401) (137,530) (179,931) 16,153 (1,576,233) (1,560,080) 1,233,000 (1,233,000) 65,091 65,091 376,456	6.598.348 (2.578,770) (2.090,000) 1,929,578 (97,772) (157,337) (255,109) (1,667,624) (1,667,624) 1,233,000 (1,236,056) 50,001 46,945 53,790	3,899,023 (2,832,664) (1,136,489) (70,130) (43,594) (122,832) (166,426) (658,796) (658,796) 1,754,618 (3,766,638) 69,532 (1,942,488) (2,837,840)	30,366 61,555 29,877 121,798 55,371 19,807 75,178 16,153 91,391 107,544 3,056 15,090 18,146 322,666	2,729,691 315,449 (923,634) 2,121,506 1,193 (14,698) (13,505) 16,153 (917,437) (901,284) (521,618) 2,533,638 (4,441) 2,007,579 3,214,296	19,842,444 (13,355,664) 6,486,780 22,635,000 (803,088) (813,348) 21,018,564 (7,670,496) (7,670,496) 200,004 200,004 20,034,852	17,292,436 (13,355,646) 3,936,790 22,635,000 (803,082) (813,353) 21,018,565 (7,670,500) (7,670,500) 200,000 200,000 17,484,855	17,344,722 (13,781,083) 5,176,837 8,740,476 (178,219) (499,110) (677,329) (8,646,149) (8,646,149) 5,481,724 (6,783,296) 284,246 (1,017,326) (1,600,328)	2,550,008 (18) - 2,549,990 - (6) 5 (1) - 4 4 4 2,549,997	2,497,722 425,419 (5,176,837) (2,253,696) 22,635,000 (624,869) (314,238) 21,695,893 975,653 975,653 (5,481,724) 6,783,296 (84,242) 1,217,330 21,635,180
1,285,731 (901,274) (486,983) (102,526) (14,131) (44,505) (58,636) 7,796 (1,034,305) (1,026,509) 735,000 21,899	1,271,037 (908,972) (500,000) (137,935) - (16,924) (44,779) (61,703) - (1,089,208) (1,089,208) 735,000 - 16,667 751,667 (537,179)	1,014,078 (960,395) 70,282 123,965 (14,613) (41,017) (55,630) (483,454) (483,454) (483,454) (7,165) 23,431 16,266 (398,853)	14,694 7,698 13,017 35,409 2,793 274 3,067 7,796 54,903 62,699 5,232 5,232 106,407	271,653 59,121 (557,265) (226,491) 482 (3,488) (3,006) 7,796 (550,851) (543,055) 735,000 7,165 (1,532) 740,633 (31,919)	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 Invesments Interest Income Net Cash Provided By (Used In) Investing Activities FUND NET CASH FLOWS DEBT SERVICE RATIO Total Cash Available For Debt Service	6,628,714 (2,517,215) (2,060,123) 2,051,376 (42,401) (137,530) (179,931) 16,153 (1,576,233) (1,560,080) 1,233,000 (1,233,000) (56,091 376,456	6,598,348 (2,578,770) (2,090,000) 1,929,578 (97,772) (157,337) (255,109) (1,667,624) (1,667,624) 1,233,000 (1,236,056) 50,001 46,945 53,790	(2,832,664) (1,136,489) (70,130) (43,594) (122,832) (166,426) (658,796) (658,796) (658,796) (7,754,618 (3,766,638) (9,532 (1,942,488) (2,837,840)	30,366 61,555 29,877 121,798 55,371 19,807 75,178 16,153 91,391 107,544 3,056 15,090 18,146 322,666	2,729,691 315,449 (923,634) 2,121,506 1,193 (14,698) (13,505) 16,153 (917,437) (901,284) (521,618) 2,533,638 (4,441) 2,007,579 3,214,296	19,842,444 (13,355,664) 6,486,780 22,635,000 (803,088) (813,348) 21,018,564 (7,670,496) (7,670,496) 200,004 200,004 20,034,852	17,292,436 (13,355,646) 3,936,790 22,635,000 (803,082) (813,353) 21,018,565 (7,670,500) (7,670,500) 200,000 200,000 17,484,855	17,344,722 (13,781,083) 5,176,837 8,740,476 (178,219) (499,110) (677,329) (8,646,149) (8,646,149) 5,481,724 (6,783,296) 284,246 (1,017,326) (1,600,328)	2,550,008 (18) - 2,549,990 - (6) 5 (1) - 4 4 4 2,549,997	2,497,722 425,419 (5,176,837) (2,253,696) 22,635,000 (624,869) (314,238) 21,695,893 975,653 975,653 (5,481,724) 6,783,296 (84,242) 1,217,330 21,635,180

LEHIGH COUNTY AUTHORITY FINANCIAL STATEMENTS - SUBURBAN WASTEWATER MARCH 2020

FORECAST VARIANCES - MONTH

	FORECAST			<u> </u>
INCOME STATEMENT	Actual	Forecast	Variance	Comments
Operating Revenues				
User Charges	1,233,717	1,240,513	(6,796)	
Connection & System Charges	52,014	30,524	21,490	
				-
Total Operating Revenues	1,285,731	1,271,037	14,694	-
Operating Expenses				
Salaries and Wages	51,114	53,712	2,598	
General and Administrative	62,280	37,724		Higher internal service costs allocated in
Utilities	23,147	38,694	15,547	
Materials and Supplies	30,195	35,846	5,651	
Miscellaneous Services	728,506	734,663	6,157	
Treatment & Transportation	720,300	734,003	0,137	
Depreciation and Amortization	202.440	383,583	123	
•	383,460			
Other Expenses	6,032	8,333	2,301	_
Total Operating Expenses	1,284,734	1,292,555	7,821	-
Net Operating Income	997	(21,518)	22,515	Higher operating revenues along with lower operating expenses
Non-Operating Income (Expenses)				
Interest Income	21,899	16,667	5,232	
Interest (Expense)	(17,105)	(16,924)	(181)	
		(10,724)		
Other Miscellaneous Income (Expenses)	7,796	-	7,796	
Capital Contributions	- 10.500	- (0.5.7)	- 40.047	<u>-</u>
Total Non-Operating Income (Expenses)	12,590	(257)	12,847	
NET INCOME	13,587	(21,775)	35,362	Higher operating revenues, lower operating expenses, and higher non- operating revenues
	FORECAST	/ARIANCES - N	MONTH	
CASH FLOW STATEMENT	Actual	Forecast	Variance	Comments
Cash Flows From Operating Activities				
Operating Revenues	1,285,731	1,271,037	14,694	
Operating Expenses (ex D&A)	(901,274)	(908,972)	7,698	
Non-Cash Working Capital Changes				
2 - 1 - 2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	(486,983)	(500,000)	13,017	_
	(486,983)	(500,000)		Higher operating revenues, lower operating expenses, and more
Net Cash Provided by (Used in) Operating Activities	(486,983)	(500,000)		Higher operating revenues, lower operating expenses, and more favorable working capital movements
Net Cash Provided by (Used in) Operating Activities		, ,		
Net Cash Provided by (Used in) Operating Activities Cash Flows From Financing Activities		, ,		
Net Cash Provided by (Used in) Operating Activities Cash Flows From Financing Activities Capital Contributions		, ,		
Net Cash Provided by (Used in) Operating Activities Cash Flows From Financing Activities Capital Contributions Proceeds New Borrowing	(102,526)	(137,935)	35,409	
Net Cash Provided by (Used in) Operating Activities Cash Flows From Financing Activities Capital Contributions Proceeds New Borrowing Interest Payments	(102,526)	(137,935)	35,409 - - 2,793	
Net Cash Provided by (Used in) Operating Activities Cash Flows From Financing Activities Capital Contributions Proceeds New Borrowing Interest Payments Principal Payments	(102,526) - - (14,131) (44,505)	(137,935) - - (16,924) (44,779)	35,409 - - 2,793 274	
Net Cash Provided by (Used in) Operating Activities Cash Flows From Financing Activities Capital Contributions Proceeds New Borrowing Interest Payments	(102,526)	(137,935)	35,409 - - 2,793	
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	(102,526) - - (14,131) (44,505)	(137,935) - - (16,924) (44,779)	35,409 - - 2,793 274	
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	(102,526) (14,131) (44,505) (58,636)	(137,935) - (16,924) (44,779) (61,703)	35,409 - - 2,793 274 3,067	favorable working capital movements
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 Capital Expenditures, Net	(102,526) (14,131) (44,505) (58,636) (1,034,305)	(137,935) - - (16,924) (44,779)	35,409 - - 2,793 274 3,067 54,903	
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 Capital Expenditures, Net Non-Operating Income (Expenses)	(102,526) (14,131) (44,505) (58,636) (1,034,305) 7,796	(137,935) - (16,924) (44,779) (61,703)	35,409 - - 2,793 274 3,067 54,903 7,796	favorable working capital movements Lower capex
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 Capital Expenditures, Net	(102,526) (14,131) (44,505) (58,636) (1,034,305)	(137,935) - (16,924) (44,779) (61,703)	35,409 - - 2,793 274 3,067 54,903	favorable working capital movements Lower capex
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 Capital Expenditures, Net Non-Operating Income (Expenses) Net Cash Provided By (Used In) Capital and Related Activities	(102,526) (14,131) (44,505) (58,636) (1,034,305) 7,796	(137,935) - (16,924) (44,779) (61,703)	35,409 - - 2,793 274 3,067 54,903 7,796	favorable working capital movements Lower capex
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 Capital Expenditures, Net Non-Operating Income (Expenses) Net Cash Provided By (Used In) Capital and Related Activities Cash Flows From Investing Activities	(102,526) (14,131) (44,505) (58,636) (1,034,305) 7,796 (1,026,509)	(137,935) - (16,924) (44,779) (61,703) (1,089,208) - (1,089,208)	35,409 - - 2,793 274 3,067 54,903 7,796	favorable working capital movements Lower capex
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 Capital Expenditures, Net Non-Operating Income (Expenses) Net Cash Provided By (Used In) Capital and Related Activities Cash Flows From Investing Activities Investments Converting To Cash	(102,526) (14,131) (44,505) (58,636) (1,034,305) 7,796	(137,935) - (16,924) (44,779) (61,703)	35,409 - - 2,793 274 3,067 54,903 7,796	favorable working capital movements Lower capex
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 Capital Expenditures, Net Non-Operating Income (Expenses) Net Cash Provided By (Used In) Capital and Related Activities Cash Flows From Investing Activities Investments Converting To Cash Purchased Invesments	(102,526) (14,131) (44,505) (58,636) (1,034,305) 7,796 (1,026,509)	(137,935) (16,924) (44,779) (61,703) (1,089,208) 735,000	35,409 - 2,793 274 3,067 54,903 7,796 62,699	favorable working capital movements Lower capex
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 Capital Expenditures, Net Non-Operating Income (Expenses) Net Cash Provided By (Used In) Capital and Related Activities Cash Flows From Investing Activities Investments Converting To Cash Purchased Invesments Interest Income	(102,526) (14,131) (44,505) (58,636) (1,034,305) 7,796 (1,026,509) 735,000 21,899	(137,935)	35,409 - 2,793 274 3,067 54,903 7,796 62,699	favorable working capital movements Lower capex
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 Capital Expenditures, Net Non-Operating Income (Expenses) Net Cash Provided By (Used In) Capital and Related Activities Cash Flows From Investing Activities Investments Converting To Cash Purchased Invesments	(102,526) (14,131) (44,505) (58,636) (1,034,305) 7,796 (1,026,509)	(137,935) (16,924) (44,779) (61,703) (1,089,208) 735,000	35,409 - 2,793 274 3,067 54,903 7,796 62,699 - - 5,232 5,232	favorable working capital movements Lower capex

LEHIGH COUNTY AUTHORITY FINANCIAL STATEMENTS - CITY DIVISION MARCH 2020

Actual Forecast Prior Yr FC Var PY Var INCOME STATEMENT Actual Forecast Prior Yr FC Var PY Var Fore Operating Revenues	FULL YEAR		
Operating Revenues	cast Budget	Prior Yr Bud Var	PY Var
3,339,347 3,336,040 3,146,500 3,307 192,847 User Charges 9,644,907 9,636,403 9,206,306 8,504 438,601 38,712	2,480 38,712,488	38,630,691 (8) 81,789
9,608 10,358 224,747 (750) (215,139) Connection & System Fees 42,002 52,741 254,878 (10,739) (212,876) 2,959	9,800 2,959,800	1,101,025	1,858,775
3,348,955 3,346,398 3,371,247 2,557 (22,292) Total Operating Revenues 9,686,909 9,689,144 9,461,184 (2,235) 225,725 41,672	2,280 41,672,288	39,731,716 (8) 1,940,564
Operating Expenses			·
1,145,092 1,146,933 826,982 1,841 (318,110) Personnel Costs 2,125,392 2,095,799 2,099,776 (29,593) (25,616) 7,883	3,196 7,883,195	8,050,023 (1) 166,827
80,362 78,723 261,381 (1,639) 181,019 General and Administrative 971,743 976,169 948,616 4,426 (23,127) 4,604	1,676 4,604,681	4,481,586 5	
153,485 158,422 49,244 4,937 (104,241) Utilities 450,717 465,266 399,700 14,549 (51,017) 2,141	,064 2,141,069	2,241,593 5	100,529
127,559 125,720 117,467 (1,839) (10,092) Materials and Supplies 277,788 325,160 235,194 47,372 (42,594) 1,688	3,640 1,688,624	1,240,260 (16	(448,380)
71,091 80,195 115,039 9,104 43,948 Miscellaneous Services 207,366 261,585 287,959 54,219 80,593 2,342	2,342,341	1,834,666 1	(507,674)
Trealment & Transportation			-
490,000 490,000 490,000 - Depreciation and Amortization 1,470,000 1,470,000 1,470,000 - 5,880		5,880,000 -	-
47,350 51,910 44,532 4,560 (2,818) Other Expenses 92,775 99,730 75,523 6,955 (17,252) 2,782	2,920 2,782,916	812,088 (4	(1,970,832)
2,114,939 2,131,903 1,904,645 16,964 (210,294) Total Operalling Expenses 5,595,781 5,693,709 5,516,768 97,928 (79,013) 27,322	27,322,826	24,540,216 (10	(2,782,620)
<u>1,234,016</u> <u>1,214,495</u> <u>1,466,602</u> <u>19,521</u> (232,586) Net Operating Income <u>4,091,128</u> <u>3,995,435</u> <u>3,944,416</u> <u>95,693</u> <u>146,712</u> <u>14,349</u>	7,444 14,349,462	15,191,500 (18	(842,056)
Non-Operating Income (Expense)			
29,280 30,000 99,756 (720) (70,476) Interest Income 152,298 170,000 212,828 (17,702) (60,530) 900),000 900,000	1,193,573	(293,573)
(1,453,283) (1,453,002) (1,460,583) (281) 7,300 Interest Expense (4,359,849) (4,361,006) (4,387,099) 1,157 27,250 (19,356	(19,356,023)	(18,487,424) (1	(868,600)
Other Miscellaneous Income (Expenses)	<u> </u>	<u> </u>	<u> </u>
(1,424,003) (1,423,002) (1,360,827) (1,001) (63,176) Net Non-Operating Income (Expense) (4,214,866) (4,191,006) (4,174,271) (23,860) (40,595) (18,456)	(18,456,023)	(17,293,851) (1	(1,162,173)
(189,987) (208,507) 105,775 18,520 (295,762) Net Income Before Capital Contributions (123,738) (195,571) (229,855) 71,833 106,117 (4,106)	5,580) (4,106,561)	(2,102,351) (19) (2,004,229)
Capital Contributions	<u> </u>	<u> </u>	
(189,987) (208,507) 105,775 18,520 (295,762) NET INCOME (123,738) (195,571) (229,855) 71,833 106,117 (4,106	,580) (4,106,561)	(2,102,351) (19	(2,004,229)
	_		
MONTH MARCH 2020 YEAR-TO-DATE		FULL YEAR	
Actual Forecast Prior Yr FC Var PY Var CASH FLOW STATEMENT Actual Forecast Prior Yr FC Var PY Var Fore	cast Budget	Prior Yr Bud Var	PY Var
Cash Flows From Operating Activities		00 704 747 /0	
3,348,955 3,346,398 3,371,247 2,557 (22,292) Operating Revenues 9,686,909 9,689,144 9,461,184 (2,235) 225,725 41,672		39,731,716 (8	
(1,624,939) (1,641,903) (1,414,645) 16,964 (210,294) Operating Expenses (ex D&A) (4,125,781) (4,223,709) (4,046,768) 97,928 (79,013) (21,442 (551,196 650,000 791.751 1,196 (140,555) Non-Cash Working Capital Changes (887,073) (950,000) (936,321) 62,927 49,248	2,836) (21,442,826)	(18,660,216) (10	, , , , ,
		(4,585)	4,585
2,375,212 2,354,495 2,748,353 20,717 (373,141) Net Cash Provided by (Used in) Operating Activities 4,674,055 4,515,435 4,478,095 158,620 195,960 20,229	20,229,462	21,066,915 (18	(837,471)
Cash Flows From Financing Activities			
- Capital Contributions	-	-	-
Proceeds New Borrowing (5,348) - 5,348 (13,978	3,236) (13,978,238)	(13,426,458) 2	(551,778)
Interest Payments - (5,348) - 5,348 (13,978 Principal Payments (1,442		(13,426,458) 2	(551,778)
		(14,671,458) 6	
	(13,421,170)	(14,0/1,436) 0	(749,700)
Cash Flows from Capital and Related Activities	(522.250)	(524.0(1)	(0.207)
(07.10) (07.10) (07.10) (07.10) (44.00) No Occapitations (5.10) (7.10) (07.10) (7.10) (7.10)	. , . , . ,	(524,861)	(8,397)
(266,629) (266,629) (262,431) - (4,198) Non-Operating Income (Expenses) (273,944) (266,629) (262,431) (7,315) (11,513) (533	(2,032,004)	(2 E01 027) 4	1 550 047
(172,459) (169,340) (151,779) (3,119) (20,680) Capital Expenditures, net (277,969) (378,020) (355,434) 100,051 77,465 (2,032)	(2.5/5.242)	(3,591,927) 4	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
(172,459) (169,340) (151,779) (3,119) (20,680) Capital Expenditures, net (277,969) (378,020) (355,434) 100,051 77,465 (2,032 439,088) (435,969) (414,210) (3,119) (24,878) Net Cash Provided By (Used In) Capital and Related Activities (551,913) (644,649) (617,865) 92,736 (65,952 (2,565 434)) (100,051 77,465 (2,032 439,088) (435,969) (414,210) (3,119) (24,878) Net Cash Provided By (Used In) Capital and Related Activities (551,913) (644,649) (617,865) 92,736 (65,952 (2,565 434)) (100,051 77,465 (2,032 439,088)) (100,051 77,465	5,338) (2,565,342)	(3,591,927) 4 (4,116,788) 4	1,559,847 1,551,450
(172,459) (169,340) (151,779) (3,119) (20,680) Capital Expenditures, net (277,969) (378,020) (355,434) 100,051 77,465 (2,032 (439,088) (435,969) (414,210) (3,119) (24,878) Net Cash Provided By (Used In) Capital and Related Activities (551,913) (644,649) (617,865) 92,736 65,952 (2,565 Cash Flows From Investing Activities	i,338) (2,565,342)	(4,116,788) 4	1,551,450
(172,459) (169,340) (151,779) (3,119) (20,680) Capital Expenditures, net (277,969) (378,020) (355,434) 100,051 77,465 (2,032 (439,088) (435,969) (414,210) (3,119) (24,878) Net Cash Provided By (Used In) Capital and Related Activities (551,913) (644,649) (617,865) 92,736 65,952 (2,565 (439,088) (435,969) (414,210) (5,338) (2,565,342)		.,,,
(172,459) (169,340) (151,779) (3,119) (20,680) Capital Expenditures, net (277,969) (378,020) (355,434) 100,051 77,465 (2,032 (439,088) (435,969) (414,210) (3,119) (24,878) Net Cash Provided By (Used In) Capital and Related Activities (551,913) (644,649) (617,865) 92,736 65,952 (2,565 (2,5		3,940,640	1,551,450
(172,459) (169,340) (151,779) (3,119) (20,680) Capital Expenditures, net (277,969) (378,020) (355,434) 100,051 77,465 (2,032 (439,088) (435,969) (414,210) (3,119) (24,878) Net Cash Provided By (Used In) Capital and Related Activities (551,913) (644,649) (617,865) 92,736 (65,952 (2,565 (25,054))		(4,116,788) 4 3,940,640 - 1,193,573	(3,940,640) (293,573)
(172,459) (169,340) (151,779) (3,119) (20,680) Capital Expenditures, net (277,969) (378,020) (355,434) 100,051 77,465 (2,032 (439,088) (435,969) (414,210) (3,119) (24,878) Net Cash Provided By (Used In) Capital and Related Activities (551,913) (644,649) (617,865) 92,736 65,952 (2,565	0,000 900,000	(4,116,788) 4 3,940,640 - 1,193,573 - 5,134,213 -	1,551,450 (3,940,640) (293,573) (4,234,213)
(172,459) (169,340) (151,779) (3,119) (20,680) Capital Expenditures, net (277,969) (378,020) (355,434) 100,051 77,465 (2,032 (439,088) (435,969) (414,210) (3,119) (24,878) Net Cash Provided By (Used In) Capital and Related Activities (551,913) (644,649) (617,865) 92,736 (65,952 (2,565 (25,054))	0,000 900,000	(4,116,788) 4 3,940,640 - 1,193,573	1,551,450 (3,940,640) (293,573) (4,234,213)
(172,459) (169,340) (151,779) (3,119) (20,680) Capital Expenditures, net (277,969) (378,020) (355,434) 100,051 77,465 (2,032 (439,088) (435,969) (414,210) (3,119) (24,878) Net Cash Provided By (Used In) Capital and Related Activities (551,913) (644,649) (617,865) 92,736 65,952 (2,565	0,000 900,000	(4,116,788) 4 3,940,640 - 1,193,573 - 5,134,213 -	1,551,450 (3,940,640) (293,573) (4,234,213)
(172,459) (169,340) (151,779) (3,119) (20,680) Capital Expenditures, net (277,969) (378,020) (355,434) 100,051 77,465 (2,032 (439,088) (435,969) (414,210) (3,119) (24,878) Net Cash Provided By (Used In) Capital and Related Activities S51,913 (644,649) (617,865) 92,736 (65,952 (2,565 (25,054))	900,000 900,000 900,000 942 3,142,950	(4,116,788) 4 3,940,640 - 1,193,573 - 5,134,213 -	1,551,450 (3,940,640) - (293,573) (4,234,213) (4,269,940)
(172,459) (169,340) (151,779) (3,119) (20,680) Capital Expenditures, net (277,969) (378,020) (355,434) 100,051 77,465 (2,032 (439,088) (435,969) (414,210) (3,119) (24,878) Net Cash Provided By (Used in) Capital and Related Activities	0,000 900,000 0,000 900,000 1,942 3,142,950	(4,116,788) 4 3,940,640 1,193,573 5,134,213 7,412,882 (8	(3,940,640) (293,573) (4,234,213) (4,269,940) (1,144,026)

LEHIGH COUNTY AUTHORITY FINANCIAL STATEMENTS - CITY DIVISION MARCH 2020

FORECAST VARIANCES - MONTH

	FORECAST \	/ARIANCES - N	IONTH	
INCOME STATEMENT	Actual	Forecast	Variance	Comments
Operating Revenues				
User Charges	3,339,347	3,336,040	3,307	
Connection & System Charges	9,608	10,358	(750)	
Total Operating Revenues	3,348,955	3,346,398	2,557	Slightly higher user charges
Total Operating Revenues	3,340,933	3,340,390	2,007	Signify higher dash charges
Operating Expenses				
Salaries and Wages	1,145,092	1,146,933	1,841	
General and Administrative	80,362	78,723	(1,639)	
Utilities	153,485	158,422	4,937	
Materials and Supplies	127,559	125,720	(1,839)	
Miscellaneous Services	71,091	80,195	9,104	
Treatment & Transportation	-	-	-	
Depreciation and Amortization	490,000	490,000	-	
Other Expenses	47,350	51,910	4,560	
Total Operating Expenses	2,114,939	2,131,903	16,964	Lower overall operating expenses
let Operating Income	1,234,016	1,214,495	19,521	Higher operating revenues along with lower operating expenses
Ion-Operating Income (Expenses)	-			
Interest Income	29,280	30,000	(720)	
Interest (Expense)	(1,453,283)	(1,453,002)	(281)	
Other Miscellaneous Income (Expenses)	(1,100,200)	(1,100,002)	(201)	
Capital Contributions				
Total Non-Operating Income (Expenses)	(1,424,003)	(1,423,002)	(1,001)	Lower interest income
		,	<u> </u>	Higher Operating income offset slightly by unfavorable non-
NET INCOME	(189,987)	(208,507)	18,520	operating items
	FORECAST \	/ARIANCES - N	ONTH	
CASH FLOW STATEMENT	Actual	Forecast	Variance	Comments
Cash Flows From Operating Activities				
Operating Revenues	3,348,955	3,346,398	2,557	
Operating Expenses (ex D&A)			16,964	
Non-Cash Working Capital Changes	(1,624,939)	(1,641,903)		
	651,196	650,000	1,196	Higher operating revenues, lower operating expenses
Net Cash Provided by (Used in) Operating Activities	2,375,212	2,354,495	20,717	riigher operating revenues, tower operating expenses
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				
Cash Flows from Capital and Related Activities Capital Expenditures, Net	(172,459)	(169,340)	(3,119)	Slightly higher capex
Capital Expenditures, Net			(3,119)	Slightly higher capex
•	(172,459) (266,629) (439,088)	(169,340) (266,629) (435,969)	(3,119)	Slightly higher capex
Capital Expenditures, Net Non-Operating Income (Expenses) Net Cash Provided By (Used In) Capital and Related Activities	(266,629)	(266,629)	<u> </u>	Slightly higher capex
Capital Expenditures, Net Non-Operating Income (Expenses) Net Cash Provided By (Used In) Capital and Related Activities Cash Flows From Investing Activities	(266,629)	(266,629)	<u> </u>	Slightly higher capex
Capital Expenditures, Net Non-Operating Income (Expenses) Net Cash Provided By (Used In) Capital and Related Activities Cash Flows From Investing Activities Investments Converting To Cash	(266,629)	(266,629)	<u> </u>	Slightly higher capex
Capital Expenditures, Net Non-Operating Income (Expenses) Net Cash Provided By (Used In) Capital and Related Activities Cash Flows From Investing Activities Investments Converting To Cash Purchased Invesments	(266,629) (439,088)	(266,629) (435,969)	(3,119)	Slightly higher capex
Capital Expenditures, Net Non-Operating Income (Expenses) Net Cash Provided By (Used In) Capital and Related Activities Cash Flows From Investing Activities Investments Converting To Cash	(266,629)	(266,629)	<u> </u>	Slightly higher capex
Non-Operating Income (Expenses) Net Cash Provided By (Used In) Capital and Related Activities Cash Flows From Investing Activities Investments Converting To Cash Purchased Invesments Interest Income	(266,629) (439,088) - - 29,280	(266,629) (435,969) - - - 30,000	(3,119)	Slightly higher capex Higher funds from operations

Lehigh County Authority

System Operations Review - March 2020

Presented: April 27, 2020

Critical Activities	System	Description	<u>Mar-20</u>	2020 Totals	2019 Totals	<u>Permit</u>
			Daily Avg (MGD)	Daily Avg (MGD)	Daily Avg (MGD)	Daily Max (MGD)
Water Production	Allentown	Total	20.88	20.77	21.51	39.0
		Schantz Spring	7.40	7.55	7.77	9.0
		Crystal Spring	3.87	3.90	3.88	4.0
		Little Lehigh Creek	9.52	9.24	9.85	30.0
		Lehigh River	0.09	0.07	0.01	28.0
	Central Lehigh	Total	9.54	9.31	9.75	19.04 MGD Av
		Feed from Allentown	6.92	6.79	6.93	7.0 MGD Avg 10.5 MGD Max
		Well Production (CLD)	2.62	2.52	2.80	8.54 MGD Avg
		Sum of all (12) other Suburban Water Systems	0.12	0.14	0.17	1.71 Sum of all wells
Wastewater Treatment	•	Kline's Island	31.84	32.37	37.63	40.0
		Pretreatment Plant	4.86	4.87	5.88	5.75 (design capacity)
		Sum of all (5) other Suburban WW Systems	0.19	0.20	0.19	0.36
			<u>Mar-20</u>	2020 Totals	2019 Totals	2018 Totals
Precipitation Totals (inche	s)		3.12	8.62	60.66	66.96
Compliance Reports Submitted to Allentown			37	83	278	285
Notices of Violation (NOVs)		(Allentown + Suburban)	0	0	1	1
Sanitary Sewer Overflows (SS	SOs)/Bypasses	(Allentown + Suburban)	0	2	37	78
Main Breaks Repaired		Allentown	0	2	20	33
		Suburban	2	5	12	23
Customer Service Phone Inquiries		(Allentown + Suburban)	1,386	4,918	22,992	26,440
Customer Service Phone Inqui	iries					
Customer Service Phone Inqui		(Allentown + Suburban)	0	280	1,956	1,838
		(Allentown + Suburban) (Allentown + Suburban)	0	280	1,956	1,838
Vater Shutoffs for Non-Paymo					10	14

<u>Significant Repairs/Upgrades</u>: There were no (0) significant repairs during March 2020. Also, during the Pandemic Emergency, most upgrades and projects in general have been postponed until after the Emergency has ended.

Description of NOVs and/or SSOs: There were zero (0) NOVs or SSOs for either LCA system during March, 2020.

Other Highlights: All four (4) operational areas have taken various precautions as we all deal with the Coronavirus. Schedules have been developed to keep the workers separated as best as we can. Priority work continues on all fronts but some routine maintenance activities are being deferred until after the pandemic is over. This can go on for several weeks or even a few months but if the emergency continues longer than that, Operations may need to regroup and decide what tasks can't be deferred any longer. Some distribution and collection system maintenance activities such as valve and hydrant exercising has been deferred but other tasks such as jetting daily and weekly grease routes in the city simply can't be pushed off. The city system has been experiencing higher than normal blockages within the sewer system and rags/wipes appear to be the culprit. The city has a vastly larger grease problem compared to suburban also.