



BOARD MEETING AGENDA – March 26, 2018

1. Call to Order

- NOTICE OF MEETING RECORDINGS

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

- *Public Participation Sign-In Request*

2. Review of Agenda / Executive Sessions

3. Approval of Minutes

- *March 12, 2018 Board meeting minutes*

4. Public Comments

5. Action / Discussion Items:

FINANCE AND ADMINISTRATION

WATER

- *Suburban Division – Watershed Monitoring Program (yellow)*

WASTEWATER

- *Administrative Order Update (tentative – discussion only)*

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

7. Monthly Financial Review (2nd Board meeting per month) – **February 2018 - to be sent under separate cover**

8. Monthly System Operations Overview (2nd Board meeting per month) – **February 2018 report attached**

9. Staff Comments

10. Solicitor's Comments

11. Public Comments / Other Comments

12. Executive Sessions

13. Adjournment

UPCOMING BOARD MEETINGS

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

April 9, 2018

April 23, 2018

May 14, 2018

PUBLIC PARTICIPATION POLICY

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

REGULAR MEETING MINUTES
March 12, 2018

The Regular Meeting of the Lehigh County Authority was called to order at 12:01 p.m. on Monday, March 12, 2018, Chairman Brian Nagle presiding. Other Members present at the commencement of the meeting were: Jeff Morgan, Richard Bohner, Norma Cusick and Ted Lyons. Authority Staff present were Liesel Gross, Brad Landon, Ed Klein, Chuck Volk, Chris Moughan, Susan Sampson, John Parsons and Lisa Miller.

REVIEW OF AGENDA

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

Scott Bieber arrived at 12:02 p.m.

Liesel Gross noted there will be an Executive Session at the end of the regular agenda to discuss potential litigation and also an item under Staff comments.

APPROVAL OF MINUTES

February 26, 2018 Regular Meeting Minutes

On a motion by Richard Bohner, seconded by Norma Cusick, the Board approved the Minutes of the February 26, 2018 meeting (6-0).

Chairman Nagle asked for updates on the follow-up items the Board had requested during the previous meeting. Liesel Gross stated that the bid amounts reported in the minutes of February 12, 2018 for the Park Pump Station and the Chestnut Street Bridge projects were verified and corrected. John Parsons reported that the accident on the January Systems Overview report was a technician with a laceration who required medical treatment and returned to work the same day. The other update was the question from Scott Bieber regarding daily water loss recovered from the Schantz Spring Main Replacement project. Chuck Volk commented and the prior leak study shows the Authority saved 100,000 gallons per day of water of water loss through this project.

PUBLIC COMMENTS

None.

ACTION AND DISCUSSION ITEMS

Suburban Division – Asset Management presentation

Chuck Volk presented a PowerPoint presentation regarding the Suburban Division Facilities 2017 Asset Management Upgrade project that was completed last month. The project consisted of investigating thirty-two Suburban Division water and wastewater facilities that were assessed to identify structural, electrical, and HVAC conditions, risk of failure and consequence of failure. The facilities were assigned risk ratings according to generally accepted asset management principles.

Kevin Baker arrived at 12:09 p.m.

Mr. Volk's presentation included "before and after" photos of the facilities that were addressed in this project, and reviewed the updated asset management ratings after project completion. He also highlighted future projects that are being undertaken to further improve risk ratings for the remaining facilities.

Norma Cusick questioned how the facilities could deteriorate to a point and no one took responsibility for them. Chuck Volk said for some of the facilities, the original developer built facilities were not built according to the standard that the Authority would require, and the Authority acquired those systems later. For all the facilities in the project, the Authority had maintained focus on ensuring they operated well, but funding was not previously allocated to upgrade and maintain them.

Mr. Volk explained the next phase of the project will be the Suburban Division mechanical asset management upgrade project which will consist of replacing pumps and control valves. Ted Lyons asked what was necessary to abandon a well. Mr. Volk said that the Authority must follow Department of Environmental Protection (DEP) protocol that is in place. Some discussion regarding well abandonment followed.

Brian Nagle commented that it's fabulous that the Authority is doing these asset management programs and prioritizing the work and getting the projects done. Liesel Gross followed up on this comment stating that at the last meeting the Board reviewed the three-year action plan related to infrastructure stability, and now seeing the before-and-after results for this project which is part of that action plan, the team members who are making this work happen should be commended.

Suburban Division – Heidelberg Heights Sanitary Sewer Rehabilitation

Chuck Volk reviewed the project that consists of replacing approximately 1,070 feet of 8-inch sewer main and 54 sewer laterals in Heidelberg Heights sanitary sewage collection system. A recent closed circuit video inspection (CCTV) revealed numerous pipe breaks, root intrusions, settlement deflections and other defects that have resulted in excessive infiltration of groundwater and rainwater during storm events, which have caused hydraulic overloads at the wastewater treatment plant over recent years. Mr. Volk explained that pipe replacement is the best option for this project because a structural solution is needed and pipe lining has been a problem at Heidelberg Heights due to partial collapse and separation of the linings. Mr. Volk also explained that the paving costs will be shared with the upcoming water line replacement project scheduled to be completed in the same locations later this year. Residents will be notified of the projects.

Norma Cusick questioned the bid cost disparity between SJM Construction and the highest bidder RGC Development. Chuck Volk explained that RGC's costs for bond insurance and project mobilization were much higher than SJM's and also this company is geared towards working with developers and so this type of project may not be their core expertise.

Scott Bieber questioned the funding of this project. Liesel Gross explained that this system is on a common rate and coming out of the Suburban wastewater fund.

Chairman Nagle asked what percent of the 54 laterals are being replaced. Chuck Volk stated about half of the laterals are being replaced at Heidelberg Heights.

Mr. Volk is asking for Board approval of the Capital Project Authorization for the Construction Phase in the amount of \$326,500.00 which includes the Construction Contract to SJM Construction Co., Inc. in the amount of \$296,500.00.

On a motion by Norma Cusick, seconded by Jeff Morgan, the Board approved the Capital Project Authorization for the Construction Phase in the amount of \$326,500.00 which includes the Construction Contract to SJM Construction Co., Inc. in the amount of \$296,500.00 (8-0).

Allentown Division – Kline’s Island WWTP Master Plan

John Parsons gave an overview of the project to provide for an engineering study to produce a Master Plan for the Allentown Wastewater Plant at Kline’s Island. The Plan is a requirement of the lease and must be updated every five years throughout the lifetime of the lease. Some of the issues that will be addressed include a full scale condition assessment of all facilities, a detailed structural analysis on the plastic media trickling filters and rock media trickling filters, process audits and optimization, short-term and long-term capital plans, and safety, security and building code audits. Mr. Parsons explained the reason for Kleinfelder’s low cost is because they have the background information and notes on this project from previously working on a similar project in the past for this facility.

Mr. Parsons is asking for approval of the Capital Project Authorization in the amount of \$199,952.00 which includes the Professional Services Authorization awarded to Kleinfelder Inc. in the amount of \$159,952.00.

On a motion by Linda Rosenfeld, seconded by Norma Cusick, the Board approved the Capital Project Authorization in the amount of \$199,952.00 which includes the Professional Services Authorization awarded to Kleinfelder Inc. in the amount of \$159,952.00 (8-0).

MONTHLY PROJECT UPDATES / INFORMATION ITEMS

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

Liesel Gross reviewed the potential action and discussion items for the March 22, 2018 Board meeting that were listed in the monthly project report. She also announced that annual performance evaluation process for non-union employees will begin shortly with a report to the Board in April.

Linda Rosenfeld questioned the information item under Water, Allentown Division – Hamilton Street Cedar Creek Bridge Water Main Relocation project and asked why the contractor was pulled off the job. Chuck Volk explained that this site is used for stocking trout so it’s an environmental issue, not a contractor issue.

STAFF COMMENTS

Liesel Gross made the Board aware that Lehigh County Authority is on the agenda for both the Governance Committee and regular meeting agenda with the County Commissioners on Wednesday, March 14th regarding the Authority’s request for a charter extension. A joint letter from Ms. Gross and County Executive Phil Armstrong was sent to the Commissioners with the Authority’s resolution attached.

SOLICITOR’S COMMENTS

Brad Landon brought to the Board’s attention, that during the election of officers, the Board failed to elect an assistant treasurer. The Board stated that they will not elect an assistant treasurer.

Chuck Volk introduced his son Nicholas, who attends Penn State, has a classroom assignment which requires him to attend a meeting of a water/wastewater utility so he is here today to observe our meeting.

PUBLIC COMMENTS / OTHER COMMENTS

Jennifer McKenna, City of Allentown Compliance Office, asked for verification regarding the Water Filtration Plant Roof Replacement project as listed on the March report of the Monthly Project Updates/Information Items. She was under the impression that this project was deleted from the 2018-2022 Capital Plan. Liesel Gross stated that certain projects had been scaled back or the timeframe was shifted due to budget constraints, but couldn't comment directly on this particular project. Chuck Volk said he will clarify this and let Ms. McKenna know.

Chairman Nagle called a recess at 12:41 p.m. The meeting reconvened at 12:46 p.m.

EXECUTIVE SESSION

An Executive Session was held at 12:46 p.m. to discuss potential litigation. The Executive Session ended at 1:21 p.m.

ADJOURNMENT

There being no further business, the Chairman adjourned the meeting at 1:21 p.m.

Richard H. Bohner
Secretary

MEMORANDUM

Date: March 26, 2018

To: Lehigh County Authority Board
From: John Parsons, Chief Operations Officer
Subject: Little Lehigh Creek Watershed Flow Monitoring

MOTIONS / APPROVALS REQUESTED:

No.	Item	Amount
1	Capital Project Authorization	\$92,912
2 ⁽¹⁾	Professional Services Authorization – FYBR, Inc.	\$72,912

(1) Included in the Capital Project Authorization.

PROJECT OVERVIEW:

Periodic drought conditions over the past few years have resulted in diminished flow within the Little Lehigh Creek in Lehigh County. In 2016, a section of Little Lehigh Creek streambed between the Brookside Bridge and the confluence with the Swabia Creek was observed to be completely dry. This situation has raised concerns with local residents, environmentalists and LCA. Additional studies were undertaken to establish local drought triggers. A watershed monitoring plan was developed to help characterize the Little Lehigh Creek and local groundwater flows.

Spotts, Stevens and McCoy (SSM) will establish and develop six (6) streamflow gaging stations along the Little Lehigh Creek. SSM will calibrate each bridge site by comparing stream height to flow volume. By measuring streamflow at selected locations, the continuous stream height monitoring stations will be used to calculate near-continuous flow readings of stream discharge for the stream monitoring network. The monitoring

program will be used to develop a detailed hydrologic water budget for the Little Lehigh Creek.

LCA distributed an RFP to three (3) equipment vendors to supply/install flow level reading equipment on (6) local bridges. The data would need to be available in an electronic format and without the need for any manual interactions by LCA staff. The sensors in the field will record stream height that will then be manipulated and stored as total flow volume.

FINANCIAL:

This Project is will be funded by LCA Suburban Division.

CONSULTANT SELECTION PROCESS:

Three vendors who are qualified to provide the equipment and services for this project were invited to submit a proposal – FYBR, Hydrovision and Hach/Vega. LCA also collected information from USGS which allowed us to compare their potential cost as well for the same work.

Results of the proposals are summarized in the attached tally.

Based upon our review of all aspects of the proposals submitted, including USGS data that was provided to LCA, we recommend award of the project to FYBR. Their proposal is on scope and represents what we believe is the best overall value for the Authority. FYBR will perform the services outlined in their proposal that was received on March 2, 2018.

PROJECT SCHEDULE:

FYBR has committed in their proposal to have functional flow monitoring stations within 3-4 weeks of the Notice to Proceed. Later in 2018, LCA staff will work with Al Guiseppe of SSM to determine suitable well locations if

new wells need to be drilled. Other monitoring sites will be researched and addressed as needed.

FUTURE AUTHORIZATIONS:

None at this time.

Watershed Monitoring Program – Proposal Comparisons

FYBR

<u>6 Sites</u>	<u>\$ Each</u>	<u>Total</u>
Radar Sensors	\$3,056	\$18,336
Gateways	\$3,131	\$18,786
Control Modules	\$939	\$5,634
Mounting Hardware	\$626	\$3,756
Installation	\$2,000	\$12,000
TOTAL		\$58,512

FYBR will cost \$58,512 upfront and then \$200 per month per site afterwards for data transmission / maintenance, or \$14,400 annually.

Hydrovision

6 Sites \$119,577

Hydrovision provided a lump sum cost. The proposal included multiple omissions from the RFP requirements. The most serious of them is there will not be any electronic data transfers. LCA staff will need to periodically visit each site and download data.

Hach/Vega No Proposal was submitted.

USGS

Average Installation Fee per site	\$22,500/ea	\$135,000 total for 6 sites
Annual O&M Fee per site	\$17,600/ea	\$105,600 per year

CAPITAL PROJECT AUTHORIZATION

PROJECT NO.:	SD-W-28	BUDGET FUND:	Suburban\Water\Capital
PROJECT TITLE:	Little Lehigh Creek Watershed Flow Monitoring	PROJECT TYPE:	<input type="checkbox"/> Construction <input type="checkbox"/> Engineering Study <input checked="" type="checkbox"/> Equipment Purchase <input checked="" type="checkbox"/> Install & Data Warehousing
THIS AUTHORIZATION:	\$ 92,912		

DESCRIPTION AND BENEFITS:

The Project involves hiring a consultant to provide and install six (6) stream level gauges on the Little Lehigh Creek. Data will be electronically transferred to a cloud service where LCA employees can retrieve whatever data they need. The system of (6) sensors is totally expandable and can/will be used for other purposes.

FYBR will have the sensors installed and fully functional within 3-4 weeks of being given the Notice to Proceed.

Authorization Status:

<i>Previous Authorizations</i>	
<i>None</i>	<i>\$0</i>

Requested This Authorization	
Staff	\$10,000
Engineering Consultant	\$72,912
Contingency	\$10,000
Total This Authorization	\$92,912

Future Authorizations	
None at this time	\$0

REVIEW AND APPROVALS:

Project Manager	Date	Chief Executive Officer	Date
Chief Capital Works Officer	Date	Chairman	Date



Lehigh County Authority

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

PROFESSIONAL SERVICES AUTHORIZATION

Professional: FYBR GLOBAL HEADQUARTERS
640 Cepi Drive, Suite C
St. Louis, MO 63005

Date: March 26, 2018

Requested By: John Parsons

Approvals

Department Head: _____

Chief Executive _____

Officer: _____

Little Lehigh Creek Watershed Flow Monitoring

FYBR, Inc. will supply and install six (6) surface water depth monitors along the Little Lehigh Creek. The data will be transferred electronically to a cloud service where LCA staff can access and use all of the data as we see fit. FYBR will provide the following services as part of the contract:

Professional Services
1. Supply and install six (6) stream level sensors
2. Supply technical data to be used for PennDOT permits
3. Provide technical assistance to insure proper data migrations
4. Provide troubleshooting and maintenance services during contract

Please reference the cover Memo for additional information.

Design Phase:

Cost Estimate (not to be exceeded without further authorization): \$72,912

Time Table and Completion Deadline: As required to meet various critical deadlines as set forth in the proposal.



(For Authority Use Only)

Authorization Completion:

Approval: _____ **Actual Cost:** _____ **Date:** _____

**PROFESSIONAL SERVICES AUTHORIZATION
INDEMNIFICATION
Little Lehigh Creek Watershed Flow Monitoring**

(To be signed by Professional and returned to the Authority)

I am or represent the Professional indicated above, and as such I am authorized to:

Accept the terms of the professional services authorization dated March 26, 2018, attached; and

Name (signature):

Name (printed)

Title: _____



LEHIGH COUNTY AUTHORITY

FINANCIAL REPORT – FEBRUARY 2018

SUMMARY

MONTH			FEBRUARY 2018			FULL YEAR			(17% of Year) YEAR-TO-DATE	
Actual	Forecast	FC Var		Forecast	Budget	Variance	Actual	% to FC		
Income Statement										
(51,428)	49,000	(100,428)	Suburban Water	(305,584)	(305,584)	-	42,496	-13.9%		
(114,860)	(20,800)	(94,060)	Suburban Wastewater	883,715	883,715	-	(98,759)	-11.2%		
(316,995)	(285,667)	(31,328)	City Division	(7,267,990)	(7,267,990)	-	(584,389)	8.0%		
(483,282)	(257,467)	(225,815)	Total LCA	(6,689,859)	(6,689,859)	-	(640,652)	9.6%		
Cash Flow Statement (Indirect)										
(24,529)	48,552	(73,081)	Suburban Water	(4,392,584)	(4,392,584)	-	3,820,933	-87.0%		
197,767	228,737	(30,970)	Suburban Wastewater	(2,751,285)	(2,751,285)	-	547,199	-19.9%		
1,417,829	1,405,000	12,829	City Division	(5,085,490)	(5,085,490)	-	2,959,526	-58.2%		
1,591,067	1,682,289	(91,222)	Total LCA	(12,229,359)	(12,229,359)	-	7,327,658	-59.9%		
Debt Service Coverage Ratio										
1.30	1.50	(0.19)	Suburban Water	1.24	1.24	-	1.60	0.37		
5.52	6.87	(1.35)	Suburban Wastewater	8.95	8.95	-	6.71	(2.25)		
1.47	1.43	0.04	City Division	1.25	1.25	-	1.49	0.25		

NET INCOME

Month

For the month, the net income was negative for all three funds. Compared to forecast, the losses for all three funds were unfavorable with Suburban Water being the most unfavorable followed by Suburban Wastewater and then the City Division.

Year-to-Date

After two months into the year, only Suburban Water is reporting positive net income. Suburban Wastewater and City Division have net losses year-to-date. Suburban Water is running at a slightly unfavorable rate with respect to forecast/budget. Suburban Wastewater is also running at a slightly unfavorable rate to forecast/budget with that year-to-date loss. City Division is pretty much in line with the forecast/budget rate so far this year.

Full Year

For all three funds, the full year forecast remains at budget for the next two months until the next quarterly forecast which will take place after the closing for March.

CASH FLOWS

Month

Suburban Water is the lone fund with negative cash flows for the month. Suburban Water and Suburban Wastewater came in with cash flows that were positive, led by the City Division. Compared to forecast for the month, Suburban Water and Suburban Wastewater were unfavorable while the City Division was favorable.

Year-to-Date

Two months into the year, all three funds are reporting positive cash flows. Suburban Water is down just slightly to forecast/budget, Suburban Wastewater is in line with forecast/budget, and the City Division is up just a bit to forecast/budget.

Full Year

For all three funds, the full year forecast remains at budget until the next quarterly forecast.

DEBT SERVICE COVERAGE RATIO

Year-to-Date

All three funds have ratios that are better than internal target. The ratios for Suburban Water and City Division are up a bit to budget. Suburban Wastewater is down to budget.

SUBURBAN WATER

MONTH			FEBRUARY 2018	FULL YEAR			YTD (17% of Year)	
Actual	Forecast	Variance		Forecast	Budget	Variance	Actual	% of FC
			Income Statement					
650,505	793,000	(142,495)	Operating Revenues	9,733,000	9,733,000	-	1,436,088	14.8%
(643,395)	(650,000)	6,605	Operating (Expenses)	(8,929,584)	(8,929,584)	-	(1,293,413)	14.5%
7,110	143,000	(135,890)	Operating Income	803,416	803,416	-	142,675	17.8%
16,358	69,959	(53,601)	Non-Operating Revenues	746,000	746,000	-	40,785	5.5%
-	-	-	Project Reimbursement	23,000	23,000	-	-	0.0%
-	-	-	Non-Operating Expenses	-	-	-	-	#DIV/0!
-	-	-	Capex Expensed	-	-	-	-	#DIV/0!
23,469	212,959	(189,490)	Income Before Interest & Contributions	1,572,416	1,572,416	-	183,460	11.7%
8,648	10,000	(1,352)	Interest Income	125,000	125,000	-	32,029	25.6%
(83,544)	(173,959)	90,415	Interest Expense	(2,003,000)	(2,003,000)	-	(172,993)	8.6%
-	-	-	Capital Contributions	-	-	-	-	#DIV/0!
(51,428)	49,000	(100,428)	NET INCOME	(305,584)	(305,584)	-	42,496	-13.9%
			Cash Flow Statement (Indirect)					
(51,428)	49,000	(100,428)	Net Income	(305,584)	(305,584)	-	42,496	-13.9%
245,832	245,833	(1)	Add: Depreciation & Amortization	2,950,000	2,950,000	-	491,664	16.7%
(0)	-	(0)	Add: Non-Cash Interest Expense	-	-	-	(0)	#DIV/0!
-	-	-	Add: Capex Charged to Expense	-	-	-	-	#DIV/0!
(129,666)	(139,141)	9,475	Principal Payments	(1,741,000)	(1,741,000)	-	(268,809)	15.4%
-	-	-	Investments Converting To Cash	4,000,000	4,000,000	-	3,678,450	92.0%
-	-	-	New Borrowing	-	-	-	-	#DIV/0!
(89,268)	(107,140)	17,872	Capital Expenditures	(9,296,000)	(9,296,000)	-	(122,868)	1.3%
(24,529)	48,552	(73,081)	NET FUND CASH FLOWS	(4,392,584)	(4,392,584)	-	3,820,933	-87.0%

NET INCOME

Month

Net income for the month was negative and was unfavorable to forecast. Operating revenues were down as was non-operating revenues with some of this effect being made up by lower operating expenses and lower interest expense. The operating revenue variance was mostly in the residential segment.

Year-to-Date

Two months into the year, net income is positive and but running at a slightly unfavorable rate to forecast/budget.

Full Year

Full year forecast is at budget until the next quarterly forecast.

CASH FLOWS

Month

Cash flow for the month was negative and was also unfavorable to forecast. The forecast variance was due to lower funds generated by operations partially offset by lower capex.

Year-to-Date

Two months into the year, cash flows are positive but running just slightly unfavorable to forecast/budget.

Full Year

The full year forecast is at budget for now until the next quarterly forecast.

SUBURBAN WASTEWATER

MONTH			FEBRUARY 2018	FULL YEAR			YTD (17% of Year)	
Actual	Forecast	Variance		Forecast	Budget	Variance	Actual	% of FC
			Income Statement					
1,491,821	1,493,000	(1,179)	Operating Revenues	19,197,000	19,197,000	-	2,879,397	15.0%
(1,666,893)	(1,541,000)	(125,893)	Operating (Expenses)	(18,908,285)	(18,908,285)	-	(3,069,481)	16.2%
(175,072)	(48,000)	(127,072)	Operating Income	288,715	288,715	-	(190,085)	-65.8%
76,644	45,000	31,644	Non-Operating Revenues	1,107,000	1,107,000	-	124,876	11.3%
-	-	-	Project Reimbursement	-	-	-	-	#DIV/0!
-	-	-	Non-Operating Expenses	-	-	-	-	#DIV/0!
-	-	-	Capex Expensed	(301,000)	(301,000)	-	-	0.0%
(98,429)	(3,000)	(95,429)	Income Before Interest Expense	1,094,715	1,094,715	-	(65,209)	-6.0%
234	200	34	Interest Income	5,000	5,000	-	481	9.6%
(16,665)	(18,000)	1,335	Interest Expense	(216,000)	(216,000)	-	(34,031)	15.8%
-	-	-	Capital Contributions	-	-	-	-	#DIV/0!
(114,860)	(20,800)	(94,060)	NET INCOME	883,715	883,715	-	(98,759)	-11.2%
			Cash Flow Statement (Indirect)					
(114,860)	(20,800)	(94,060)	Net Income	883,715	883,715	-	(98,759)	-11.2%
397,865	398,000	(135)	Add: Depreciation & Amortization	4,776,000	4,776,000	-	795,730	16.7%
2,449	-	2,449	Add: Non-Cash Interest Expense	-	-	-	5,124	#DIV/0!
-	-	-	Add: Capex Charged to Expense	301,000	301,000	-	-	0.0%
(40,081)	(39,500)	(581)	Principal Payments	(474,000)	(474,000)	-	(80,093)	16.9%
-	-	-	Investments Converting To Cash	3,480,000	3,480,000	-	-	0.0%
-	-	-	New Borrowing	-	-	-	-	#DIV/0!
(47,606)	(108,963)	61,357	Capital Expenditures	(11,718,000)	(11,718,000)	-	(74,803)	0.6%
197,767	228,737	(30,970)	NET FUND CASH FLOWS	(2,751,285)	(2,751,285)	-	547,199	-19.9%

NET INCOME

Month

Net income for the month was negative and was unfavorable to forecast. This was mostly due to higher operating expenses with a partial offset from higher non-operating revenues.

Year-to-Date

Year-to-date net income is negative and is running at an unfavorable rate with respect to forecast/budget due mostly to the higher operating expenses with some offset from higher non-operating revenues.

Full Year

The full year forecast is a budget until the next quarterly forecast.

CASH FLOWS

Month

Cash flow for the month was positive but unfavorable to forecast due to lower funds generated by operations with a partial offset from lower capex.

Year-to-Date

So far this year, cash flows are positive and running pretty much in line with forecast/budget.

Full-year

The full year forecast is at budget until the next quarterly forecast.

CITY DIVISION

MONTH				FULL YEAR			YTD (17% OF YEAR)	
Actual	Forecast	Variance		Forecast	Budget	Variance	Actual	% of FC
			Income Statement					
2,896,940	2,885,000	11,940	Operating Revenues	33,569,000	33,569,000	-	5,714,662	17.0%
(1,856,465)	(1,777,667)	(78,798)	Operating (Expenses)	(22,401,990)	(22,401,990)	-	(3,497,910)	15.6%
1,040,475	1,107,333	(66,858)	Operating Income	11,167,010	11,167,010	-	2,216,752	19.9%
85,835	87,000	(1,165)	Non-Operating Revenues	452,000	452,000	-	112,683	24.9%
-	-	-	Project Reimbursement	2,480,000	2,480,000	-	-	0.0%
-	-	-	Non-Operating Expenses	-	-	-	-	#DIV/0!
(82,220)	(100,000)	17,780	Capex Expensed	(4,980,000)	(4,980,000)	-	(172,529)	3.5%
1,044,091	1,094,333	(50,242)	Income Before Interest Expense	9,119,010	9,119,010	-	2,156,906	23.7%
41,649	20,000	21,649	Interest Income	348,000	348,000	-	64,173	18.4%
(1,402,734)	(1,400,000)	(2,734)	Interest Expense	(16,735,000)	(16,735,000)	-	(2,805,468)	16.8%
-	-	-	Capital Contributions	-	-	-	-	#DIV/0!
(316,995)	(285,667)	(31,328)	NET INCOME	(7,267,990)	(7,267,990)	-	(584,389)	8.0%
			Cash Flow Statement (Indirect)					
(316,995)	(285,667)	(31,328)	Net Income	(7,267,990)	(7,267,990)	-	(584,389)	8.0%
466,667	466,667	-	Add: Depreciation & Amortization	5,600,000	5,600,000	-	933,334	16.7%
1,402,734	1,400,000	2,734	Add: Non-Cash Interest Expense	2,987,000	2,987,000	-	2,805,468	93.9%
82,220	100,000	(17,780)	Add: Capex Charged to Expense	4,980,000	4,980,000	-	172,529	3.5%
-	-	-	Principal Payments	-	-	-	-	#DIV/0!
-	-	-	Cash Outlays on Lease & Lease Reserve	(512,000)	(512,000)	-	-	0.0%
-	-	-	Investments Converting To Cash	-	-	-	-	#DIV/0!
-	-	-	New Borrowing	1,720,000	1,720,000	-	-	0.0%
(216,797)	(276,000)	59,203	Capital Expenditures	(12,592,500)	(12,592,500)	-	(367,416)	2.9%
1,417,829	1,405,000	12,829	NET FUND CASH FLOWS	(5,085,490)	(5,085,490)	-	2,959,526	-58.2%

NET INCOME

Month

Net income for the month was negative and unfavorable to forecast due to higher operating expenses partially offset by higher interest income.

Year-to-Date

Year-to-date net income is negative and running just slightly unfavorable rate with respect to forecast/budget.

Full Year

The forecast for the full year is at budget until the next quarterly forecast.

CASH FLOWS

Month

Cash flows for the month were positive and favorable to forecast.

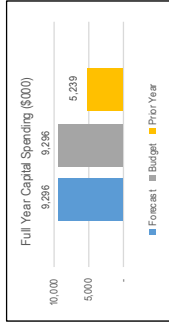
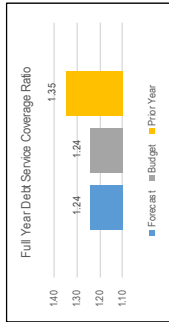
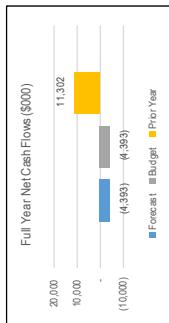
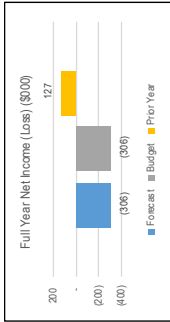
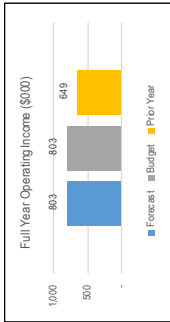
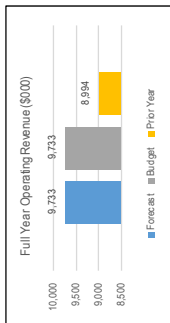
Year-to-Date

Two months into the year, cash flows are positive and slightly higher than forecast/budget.

Full Year

We are still forecasting at budget until the next quarterly forecast.

**DASHBOARD - SUBURBAN WATER
FEBRUARY 2018**



FULL YEAR COMPARATIVE (\$000)

Operating Revenues
Forecast 9,733 Budget 9,733 Prior Yr 8,994

Less: Operating Expenses
Forecast 8,930 Budget 8,930 Prior Yr 8,345

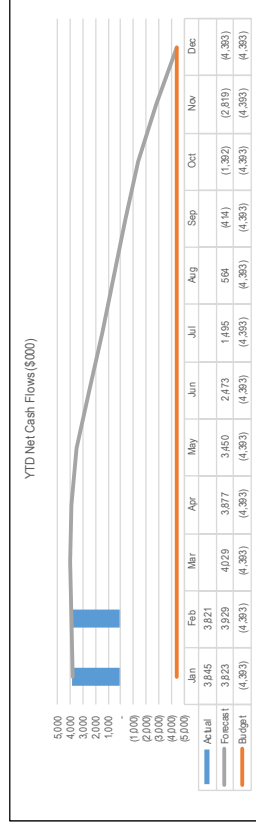
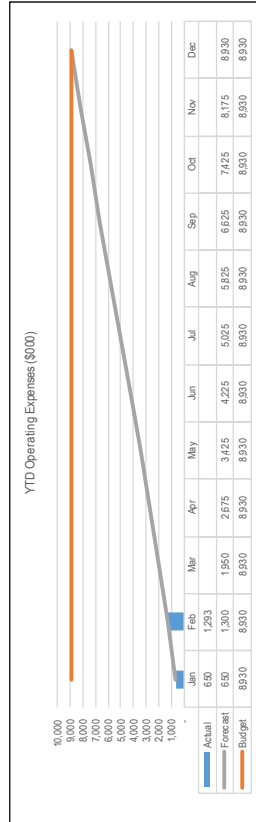
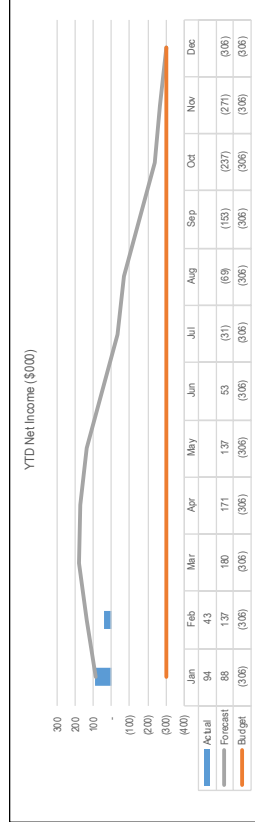
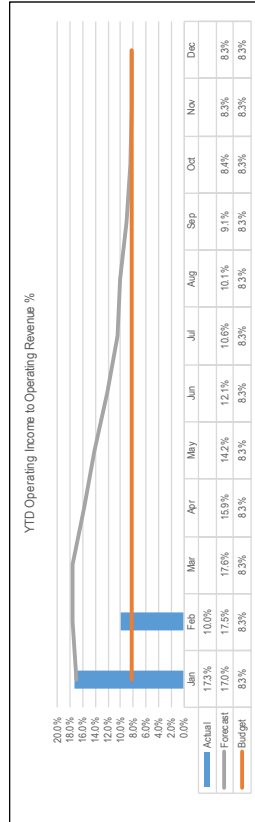
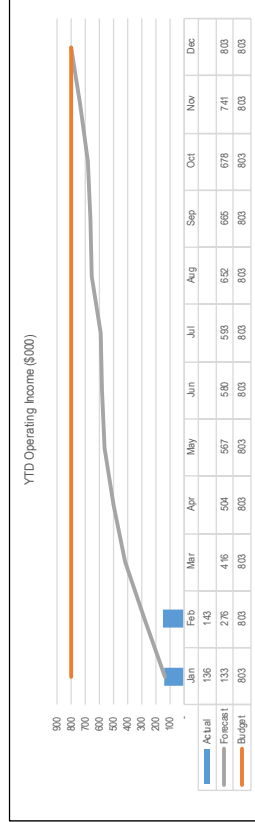
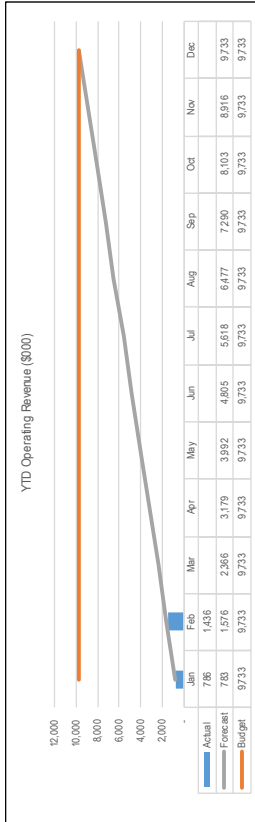
Operating Income
Forecast 803 Budget 803 Prior Yr 649

Other income (expenses)
Forecast (1,109) Budget (1,109) Prior Yr (522)

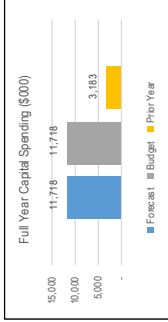
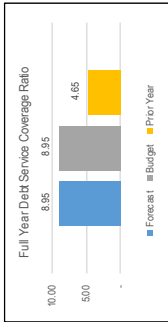
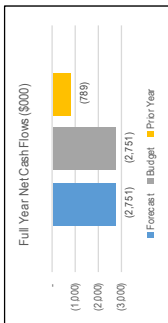
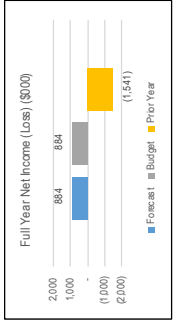
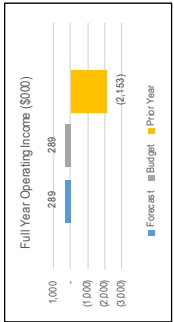
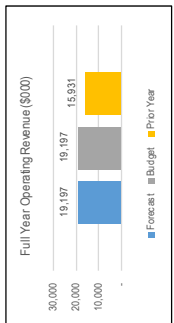
Net Income
Forecast (306) Budget (306) Prior Yr 127

Debt Service Coverage Ratio
Forecast 1.24 Budget 1.24 Prior Yr 1.35

Net Cash Flows
Forecast (4,393) Budget (4,393) Prior Yr 11,302

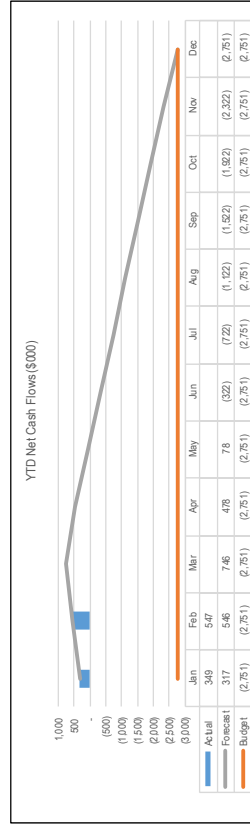
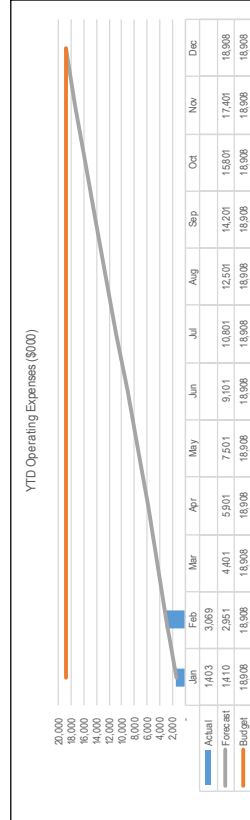
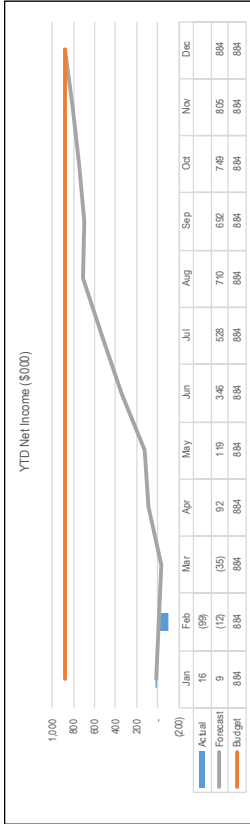
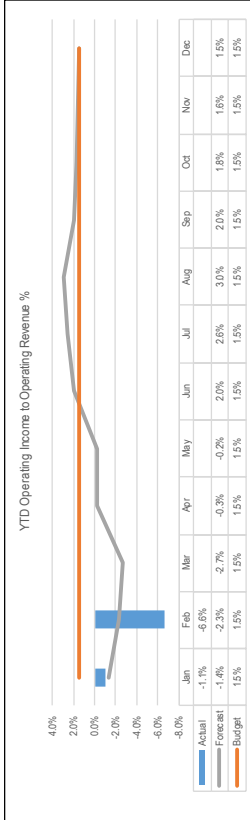
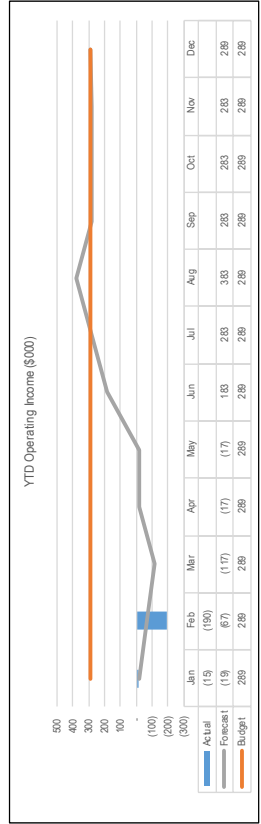
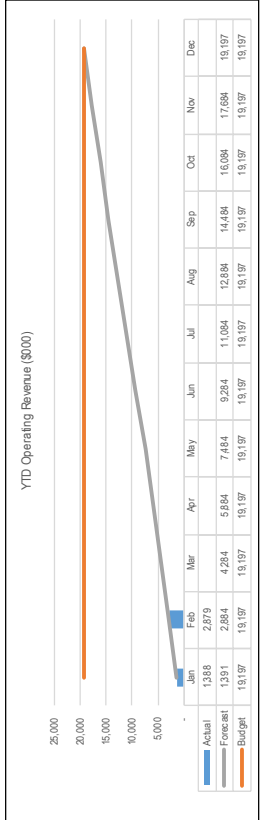


**DASHBOARD - SUBURBAN WASTEWATER
FEBRUARY 2018**

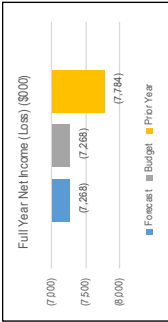
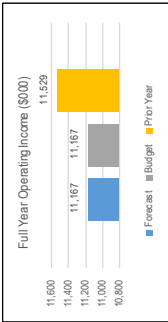
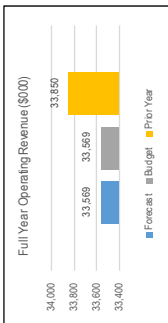


FULL YEAR COMPARATIVE (\$000)

	Forecast	Budget	Prior Yr
Operating Revenues	19,197	19,197	15,931
Less: Operating Expenses	18,908	18,908	18,084
Operating Income	289	289	(2,153)
Other income (expenses)	595	595	612
Net Income	884	884	(1,541)
Debt Service Coverage Ratio	8.95	8.95	4.65
Net Cash Flows	(2,751)	(2,751)	(789)

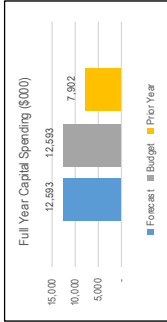
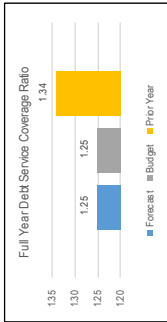
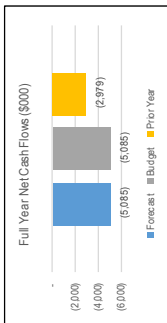


**DASHBOARD - CITY DIVISION
FEBRUARY 2018**



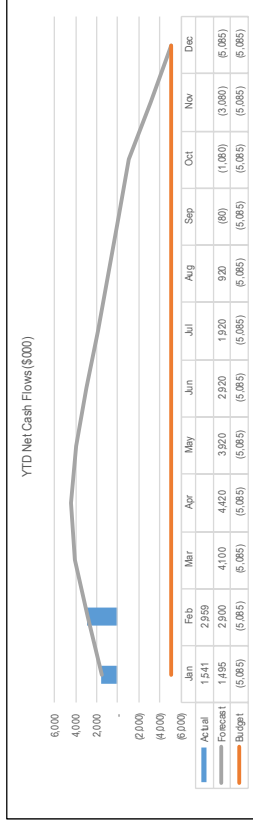
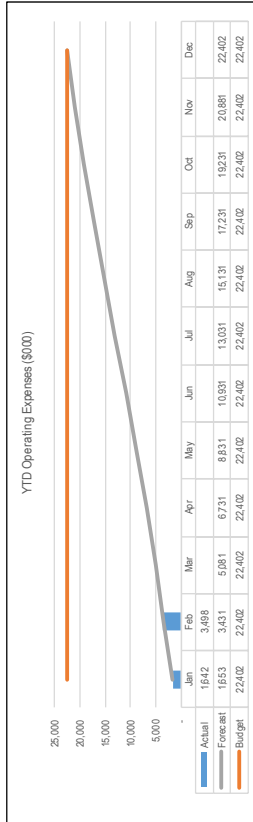
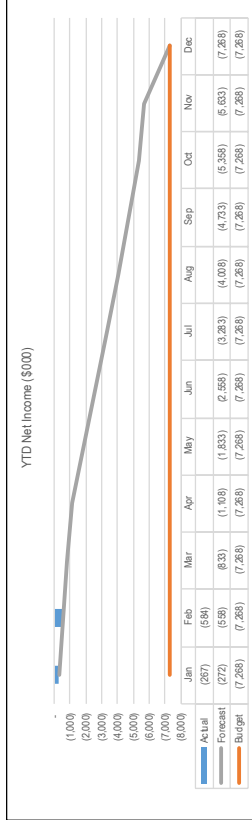
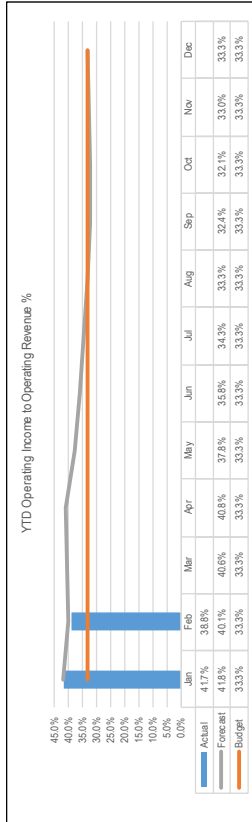
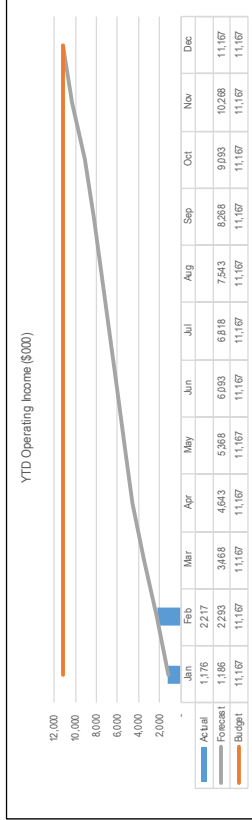
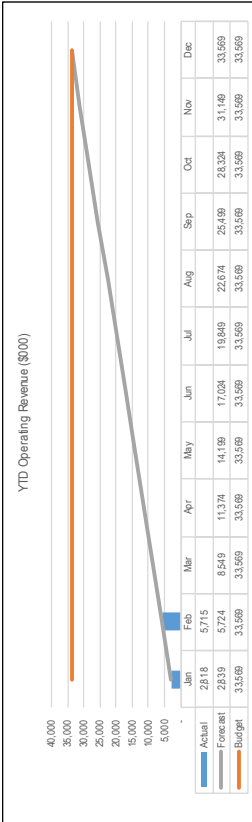
FULL YEAR COMPARATIVE (\$000)

Category	Forecast	Budget	Prior Yr
Operating Revenues	33,569	33,569	33,850
Less Operating Expenses	22,402	22,402	22,321
Operating Income	11,167	11,167	11,529
Other income (expenses)	(18,435)	(18,435)	(19,313)
Net Income	(7,268)	(7,268)	(7,784)
Debt Service Coverage Ratio	1.25	1.25	1.34
Net Cash Flows	(5,085)	(5,085)	(2,979)



FULL YEAR COMPARATIVE (\$000)

Category	Forecast	Budget	Prior Yr
Operating Revenues	33,569	33,569	33,850
Less Operating Expenses	22,402	22,402	22,321
Operating Income	11,167	11,167	11,529
Other income (expenses)	(18,435)	(18,435)	(19,313)
Net Income	(7,268)	(7,268)	(7,784)
Debt Service Coverage Ratio	1.25	1.25	1.34
Net Cash Flows	(5,085)	(5,085)	(2,979)



LEHIGH COUNTY AUTHORITY
FINANCIAL STATEMENTS - SUBURBAN WATER
FEBRUARY 2018

MONTH			FULL YEAR				YTD (17% of Year)		
Actual	Forecast	Variance	FEBRUARY 2018	Forecast	Budget	Variance	Actual	% of FC	
			Income Statement						
650,505	793,000	(142,495)	Operating Revenues	9,733,000	9,733,000	-	1,436,088	14.8%	
(643,395)	(650,000)	6,605	Operating (Expenses)	(8,929,584)	(8,929,584)	-	(1,293,413)	14.5%	
7,110	143,000	(135,890)	Operating Income	803,416	803,416	-	142,675	17.8%	
16,358	69,959	(53,601)	Non-Operating Revenues	746,000	746,000	-	40,785	5.5%	
-	-	-	Project Reimbursement	23,000	23,000	-	-	0.0%	
-	-	-	Non-Operating Expenses	-	-	-	-	#DIV/0!	
-	-	-	Capex Expensed	-	-	-	-	#DIV/0!	
23,469	212,959	(189,490)	Income Before Interest & Contributions	1,572,416	1,572,416	-	183,460	11.7%	
8,648	10,000	(1,352)	Interest Income	125,000	125,000	-	32,029	25.6%	
(83,544)	(173,959)	90,415	Interest Expense	(2,003,000)	(2,003,000)	-	(172,993)	8.6%	
-	-	-	Capital Contributions	-	-	-	-	#DIV/0!	
(51,428)	49,000	(100,428)	NET INCOME	(305,584)	(305,584)	-	42,496	-13.9%	
			Cash Flow Statement (Indirect)						
(51,428)	49,000	(100,428)	Net Income	(305,584)	(305,584)	-	42,496	-13.9%	
245,832	245,833	(1)	Add: Depreciation & Amortization	2,950,000	2,950,000	-	491,664	16.7%	
(0)	-	(0)	Add: Non-Cash Interest Expense	-	-	-	(0)	#DIV/0!	
-	-	-	Add: Capex Charged to Expense	-	-	-	-	#DIV/0!	
(129,666)	(139,141)	9,475	Principal Payments	(1,741,000)	(1,741,000)	-	(268,809)	15.4%	
-	-	-	Investments Converting To Cash	4,000,000	4,000,000	-	3,678,450	92.0%	
-	-	-	New Borrowing	-	-	-	-	#DIV/0!	
(89,268)	(107,140)	17,872	Capital Expenditures	(9,296,000)	(9,296,000)	-	(122,868)	1.3%	
(24,529)	48,552	(73,081)	NET FUND CASH FLOWS	(4,392,584)	(4,392,584)	-	3,820,933	-87.0%	
			Debt Service Coverage Ratio						
277,948	468,792	(190,844)	Total Cash Available For Debt Service	4,624,416	4,624,416	-	707,153	15.3%	
213,209	313,100	(99,891)	Debt Service	3,744,000	3,744,000	-	441,802	11.8%	
1.30	1.50	(0.19)	DSCR	1.24	1.24	-	1.60	129.6%	
			Cash Flow Statement (Direct)						
650,505	793,000	(142,495)	Operating Revenues	9,733,000	9,733,000	-	1,436,088	14.8%	
(397,563)	(404,167)	6,604	Operating Expenses (ex D&A)	(5,979,584)	(5,979,584)	-	(801,749)	13.4%	
8,648	10,000	(1,352)	Interest Income	125,000	125,000	-	32,029	25.6%	
261,590	398,833	(137,243)	Cash Available For Debt Service	3,878,416	3,878,416	-	666,367	17.2%	
(83,544)	(173,959)	90,415	Interest Payments	(2,003,000)	(2,003,000)	-	(172,993)	8.6%	
(129,666)	(139,141)	9,475	Principal Payments	(1,741,000)	(1,741,000)	-	(268,809)	15.4%	
48,380	85,733	(37,353)	Net Cash Available After Debt Service	134,416	134,416	-	224,565	167.1%	
16,358	69,959	(53,601)	Non-Operating Revenues	746,000	746,000	-	40,785	5.5%	
-	-	-	Project Reimbursement	23,000	23,000	-	-	0.0%	
-	-	-	Non-Operating Expenses	-	-	-	-	#DIV/0!	
-	-	-	Non-Cash Working Capital Changes	-	-	-	-	#DIV/0!	
64,739	155,692	(90,953)	Net Cash Available For Capital	903,416	903,416	-	265,351	29.4%	
-	-	-	Capital Contributions	-	-	-	-	#DIV/0!	
-	-	-	Investments Converting To Cash	4,000,000	4,000,000	-	3,678,450	92.0%	
-	-	-	New Borrowing	-	-	-	-	#DIV/0!	
(89,268)	(107,140)	17,872	Capital Expenditures	(9,296,000)	(9,296,000)	-	(122,868)	1.3%	
(24,529)	48,552	(73,081)	NET FUND CASH FLOWS	(4,392,584)	(4,392,584)	-	3,820,933	-87.0%	

LEHIGH COUNTY AUTHORITY
FINANCIAL STATEMENTS - SUBURBAN WASTEWATER
FEBRUARY 2018

MONTH			FULL YEAR				YTD (17% of Year)		
Actual	Forecast	Variance	FEBRUARY 2018	Forecast	Budget	Variance	Actual	% of FC	
			Income Statement						
1,491,821	1,493,000	(1,179)	Operating Revenues	19,197,000	19,197,000	-	2,879,397	15.0%	
(1,666,893)	(1,541,000)	(125,893)	Operating (Expenses)	(18,908,285)	(18,908,285)	-	(3,069,481)	16.2%	
(175,072)	(48,000)	(127,072)	Operating Income	288,715	288,715	-	(190,085)	-65.8%	
76,644	45,000	31,644	Non-Operating Revenues	1,107,000	1,107,000	-	124,876	11.3%	
-	-	-	Project Reimbursement	-	-	-	-	#DIV/0!	
-	-	-	Non-Operating Expenses	-	-	-	-	#DIV/0!	
-	-	-	Capex Expensed	(301,000)	(301,000)	-	-	0.0%	
(98,429)	(3,000)	(95,429)	Income Before Interest Expense	1,094,715	1,094,715	-	(65,209)	-6.0%	
234	200	34	Interest Income	5,000	5,000	-	481	9.6%	
(16,665)	(18,000)	1,335	Interest Expense	(216,000)	(216,000)	-	(34,031)	15.8%	
-	-	-	Capital Contributions	-	-	-	-	#DIV/0!	
(114,860)	(20,800)	(94,060)	NET INCOME	883,715	883,715	-	(98,759)	-11.2%	
			Cash Flow Statement (Indirect)						
(114,860)	(20,800)	(94,060)	Net Income	883,715	883,715	-	(98,759)	-11.2%	
397,865	398,000	(135)	Add: Depreciation & Amortization	4,776,000	4,776,000	-	795,730	16.7%	
2,449	-	2,449	Add: Non-Cash Interest Expense	-	-	-	5,124	#DIV/0!	
-	-	-	Add: Capex Charged to Expense	301,000	301,000	-	-	0.0%	
(40,081)	(39,500)	(581)	Principal Payments	(474,000)	(474,000)	-	(80,093)	16.9%	
-	-	-	Investments Converting To Cash	3,480,000	3,480,000	-	-	0.0%	
-	-	-	New Borrowing	-	-	-	-	#DIV/0!	
(47,606)	(108,963)	61,357	Capital Expenditures	(11,718,000)	(11,718,000)	-	(74,803)	0.6%	
197,767	228,737	(30,970)	NET FUND CASH FLOWS	(2,751,285)	(2,751,285)	-	547,199	-19.9%	
			DEBT SERVICE COVERAGE RATIO						
299,670	395,200	(95,530)	Total Cash Available For Debt Service	6,176,715	6,176,715	-	731,003	11.8%	
54,297	57,500	(3,203)	Debt Service	690,000	690,000	-	109,000	15.8%	
5.52	6.87	(1.35)	DSCR	8.95	8.95	-	6.71	74.9%	
			Cash Flow Statement (Direct)						
1,491,821	1,493,000	(1,179)	Operating Revenues	19,197,000	19,197,000	-	2,879,397	15.0%	
(1,269,028)	(1,143,000)	(126,028)	Operating Expenses (ex D&A)	(14,132,285)	(14,132,285)	-	(2,273,751)	16.1%	
234	200	34	Interest Income	5,000	5,000	-	481	9.6%	
223,026	350,200	(127,174)	Cash Available For Debt Service	5,069,715	5,069,715	-	606,126	12.0%	
(14,216)	(18,000)	3,784	Interest Payments	(216,000)	(216,000)	-	(28,908)	13.4%	
(40,081)	(39,500)	(581)	Principal Payments	(474,000)	(474,000)	-	(80,093)	16.9%	
168,729	292,700	(123,971)	Net Cash Available After Debt Service	4,379,715	4,379,715	-	497,126	11.4%	
76,644	45,000	31,644	Non-Operating Revenues	1,107,000	1,107,000	-	124,876	11.3%	
-	-	-	Project Reimbursement	-	-	-	-	#DIV/0!	
-	-	-	Non-Operating Expenses	-	-	-	-	#DIV/0!	
-	-	-	Non-Cash Working Capital Changes	-	-	-	-	#DIV/0!	
245,373	337,700	(92,327)	Net Cash Available For Capital	5,486,715	5,486,715	-	622,002	11.3%	
-	-	-	Capital Contributions	-	-	-	-	#DIV/0!	
-	-	-	Investments Converting To Cash	3,480,000	3,480,000	-	-	0.0%	
-	-	-	New Borrowing	-	-	-	-	#DIV/0!	
(47,606)	(108,963)	61,357	Capital Expenditures	(11,718,000)	(11,718,000)	-	(74,803)	0.6%	
197,767	228,737	(30,970)	NET FUND CASH FLOWS	(2,751,285)	(2,751,285)	-	547,199	-19.9%	

LEHIGH COUNTY AUTHORITY
MONTHLY FINANCIAL STATEMENTS - CITY DIVISION
FEBRUARY 2018

MONTH			FULL YEAR			YTD (17% OF YEAR)	
Actual	Forecast	Variance	Forecast	Budget	Variance	Actual	% of FC
Income Statement							
2,896,940	2,885,000	11,940	33,569,000	33,569,000	-	5,714,662	17.0%
(1,856,465)	(1,777,667)	(78,798)	(22,401,990)	(22,401,990)	-	(3,497,910)	15.6%
1,040,475	1,107,333	(66,858)	11,167,010	11,167,010	-	2,216,752	19.9%
85,835	87,000	(1,165)	452,000	452,000	-	112,683	24.9%
-	-	-	2,480,000	2,480,000	-	-	0.0%
-	-	-	-	-	-	-	#DIV/0!
(82,220)	(100,000)	17,780	(4,980,000)	(4,980,000)	-	(172,529)	3.5%
1,044,091	1,094,333	(50,242)	9,119,010	9,119,010	-	2,156,906	23.7%
41,649	20,000	21,649	348,000	348,000	-	64,173	18.4%
(1,402,734)	(1,400,000)	(2,734)	(16,735,000)	(16,735,000)	-	(2,805,468)	16.8%
-	-	-	-	-	-	-	#DIV/0!
(316,995)	(285,667)	(31,328)	(7,267,990)	(7,267,990)	-	(584,389)	8.0%
Cash Flow Statement (Indirect)							
(316,995)	(285,667)	(31,328)	(7,267,990)	(7,267,990)	-	(584,389)	8.0%
466,667	466,667	-	5,600,000	5,600,000	-	933,334	16.7%
1,402,734	1,400,000	2,734	2,987,000	2,987,000	-	2,805,468	93.9%
82,220	100,000	(17,780)	4,980,000	4,980,000	-	172,529	3.5%
-	-	-	-	-	-	-	#DIV/0!
-	-	-	(512,000)	(512,000)	-	-	0.0%
-	-	-	-	-	-	-	#DIV/0!
-	-	-	1,720,000	1,720,000	-	-	0.0%
(216,797)	(276,000)	59,203	(12,592,500)	(12,592,500)	-	(367,416)	2.9%
1,417,829	1,405,000	12,829	(5,085,490)	(5,085,490)	-	2,959,526	-58.2%
DEBT SERVICE COVERAGE RATIO							
1,593,432	1,638,667	(45,235)	17,129,856	17,129,856	-	3,243,331	18.9%
1,087,310	1,145,667	(58,357)	13,748,000	13,748,000	-	2,174,620	15.8%
1.47	1.43	0.04	1.25	1.25	-	1.49	119.7%
Cash Flow Statement (Direct)							
2,896,940	2,885,000	11,940	33,569,000	33,569,000	-	5,714,662	17.0%
(1,389,798)	(1,311,000)	(78,798)	(16,801,990)	(16,801,990)	-	(2,564,576)	15.3%
41,649	20,000	21,649	348,000	348,000	-	64,173	18.4%
1,548,791	1,594,000	(45,209)	17,115,010	17,115,010	-	3,214,259	18.8%
-	-	-	(13,748,000)	(13,748,000)	-	-	0.0%
-	-	-	-	-	-	-	#DIV/0!
1,548,791	1,594,000	(45,209)	3,367,010	3,367,010	-	3,214,259	95.5%
85,835	87,000	(1,165)	452,000	452,000	-	112,683	24.9%
-	-	-	2,480,000	2,480,000	-	-	0.0%
-	-	-	-	-	-	-	#DIV/0!
-	-	-	(512,000)	(512,000)	-	-	0.0%
-	-	-	-	-	-	-	#DIV/0!
1,634,626	1,681,000	(46,374)	5,787,010	5,787,010	-	3,326,942	57.5%
-	-	-	-	-	-	-	#DIV/0!
-	-	-	-	-	-	-	#DIV/0!
-	-	-	1,720,000	1,720,000	-	-	0.0%
(216,797)	(276,000)	59,203	(12,592,500)	(12,592,500)	-	(367,416)	2.9%
1,417,829	1,405,000	12,829	(5,085,490)	(5,085,490)	-	2,959,526	-58.2%

Lehigh County Authority

System Operations Review - February 2018

Presented: March 26, 2018

<u>Critical Activities</u>	<u>System</u>	<u>Description</u>	<u>Feb-18</u>	<u>2018-to-Date</u>	<u>2017 Totals</u>	<u>Permit</u>
			<u>Daily Avg (MGD)</u>	<u>Daily Avg (MGD)</u>	<u>Daily Avg (MGD)</u>	<u>Daily Max (MGD)</u>
Water Production	Allentown	Total	20.49	19.96	21.16	39.0
		Schantz Spring	5.63	2.98	6.39	9.0
		Crystal Spring	3.88	3.90	3.89	4.0
		Little Lehigh Creek	10.98	13.07	10.84	30.0
		Lehigh River	0.00	0.02	0.03	28.0
	Central Lehigh	Total	9.02	8.86	9.29	19.04 MGD Avg
		Feed from Allentown	6.34	5.36	6.94	7.0 MGD Avg 10.5 MGD Max
		Well Production (CLD)	2.68	3.50	2.35	8.54 MGD Avg
		Sum of all (12) other Suburban Water Systems	0.19	0.21	0.18	1.71 Sum of all wells
Wastewater Treatment		Kline's Island	35.86	32.99	30.78	40.0
		Pretreatment Plant	5.19	4.61	4.35	5.75 (design capacity)
		Sum of all (5) other Suburban WW Systems	0.17	0.17	0.16	0.36
			<u>Feb-18</u>	<u>2018-to-Date</u>	<u>2017 Totals</u>	<u>2016 Totals</u>
Precipitation Totals (inches)			5.5	8.67	50.18	36.82
Compliance Reports Submitted to Allentown			20	49	291	269
Notices of Violation (NOVs)		(Allentown + Suburban)	0	0	3	3
Sanitary Sewer Overflows (SSOs)/Bypasses		(Allentown + Suburban)	4	6	22	16
Main Breaks Repaired		Allentown	1	19	19	19
		Suburban	3	8	12	11
Customer Service Phone Inquiries		(Allentown + Suburban)	2,143	5,063	27,313	28,099
Water Shutoffs for Non-Payment		(Allentown + Suburban)	142	315	1,577	1,685
Injury Accidents		(Allentown + Suburban)	1	2	8	10
Emergency Declarations		Allentown	0	(4) @ \$52,719	(2) @ \$51,235	(2) @ \$87,079
		Suburban	0	(1) @ \$21,197	(1) @ \$72,554	(1) @ \$33,495
<p>Significant Repairs: The Schantz Spring Transmission Main Project was completed as of 2/6/2018 and it was put back in-service on 2/7/2018. Main breaks in February have returned to that of a normal winter monthly amount in comparison to January. Pump #3 at Park Pump Station is down and needs a suction ring to be fabricated. LCA staff is currently working with AC Schultes in order to temporarily rig up a functional pump until the new part arrives and is installed.</p>						
<p>Description of NOVs and/or SSOs: There was one (1) SSO in the city on 2/26/2018, resulting from a backup of rags and gloves in a 10" sanitary line. There were three (3) bypasses at Heidelberg Heights WWTP. The bypasses occurred on: (#1) 2/11-2/14, (#2) 2/16-2/20, and (#3) 2/22-3/1.</p>						
<p>Other Highlights: Now that the Schantz Spring Transmission Main Project is finished, Operations and IT are attempting to quantify how much water is being saved daily during the 5-mile run from the spring to the plant. A temporary flow meter has been placed at the spring and flows will be compared to the new magmeter at the water plant. We plan to get several months of comparison readings before we commit to any firm numbers.</p>						