

AGENDA
THE PITTSBURGH WATER AND SEWER AUTHORITY
Regular Monthly Board Meeting
March 23, 2018
10:00 a.m.

REGULAR MONTHLY MEETING

- I. Roll Call
 - II. Pledge of Allegiance
 - III. Call for Public Comment
 - IV. Approval of the Minutes
 - a. February 23, 2018 Board Meeting
 - V. Reports and Updates
 - A. Finance Department
 - B. Engineering Department
 - C. Interim Executive Director Report
- No 37 Approving Refunds, Legal Adjustments, and Exoneration Adjustments Recommended by the Water Exoneration Hearing Board ([Julie Quigley](#))
- No 38 Approving revisions to Chapters 2 and 3 and an Administrative Correction to Chapter 5 of the Pittsburgh Water and Sewer Authority Rules and Regulations ([Julie Quigley](#))
- No 39 Approving the award of Option Year 1 of an Operating Contract for 48 Hour Posting Service, PWSA Project No. PWSA72, to Cosmos Technologies, Inc. ([Julie Quigley](#))
- No 40 Approving the award of a Sole Source Operating Contract for the Purchase of Sensus Meters, to L/B Water Service, Inc. ([Rick Obermeier](#))
- No 41 Approving a change order to an Operating Contract for PWSA Project No. PWSA32 for the Pickup and Removal of Clean Fill to Vigliotti Landscape & Construction ([Rick Obermeier](#))
- No 42 Approving the award of Option Year 1 of the Professional Services Agreement for Safety Consulting Services, PWSA Project No. PWSA77 to Compliance Management International (CMI) ([Rick Obermeier](#))
- No 43 Approving a change order to an Operating Contract for the Piggyback of the COSTARS Contract No. 4600014535 for Aggregate & Antiskid Material: 2A Limestone, to Amerikohl Aggregates, Inc. ([Rick Obermeier](#))
- No 44 Approving entering into a Developers Agreement with IP NUVO Carson, LLC ([George Robinson](#))
- No 45 Approving entering into Catch Basin Relocation Agreements with Baum Grove LP., and UPMC Mercy Hospital ([George Robinson](#))
- No 46 Technical corrections and clarifying amendments to PWSA's Lead Service Line and Replacement Policy ([Barry King](#))
- No 47 Ratifying Emergency Change Orders to the 2017 Urgent Water Repair Contracts (2017-OPS-102-0 and -1) and the 2016-17 Pump and Motor Service Contract (2016-OPS-115-0) ([Barry King](#))

No 48 Authorizing the Chief Corporate Counsel/the Corporate Counsel/any attorney at law employed by the PWSA in the capacity of in house Legal Counsel to approve the settlement of third-party claims and litigations ([Shannon Barkley](#))

VI. Old Business

No 30 Approving the Award of Option Year 1 of PWSA Project No. PWSA73 for Sample Collection And Testing to Environmental Data Services, Ltd. and 120Water Audit, LLC ([Barry King](#))

No 36 Approving the Payment of a Civil Penalty associated with the PADEP "Consent Assessment of Civil Penalty" Settlement related to Violations of the Clean Streams Law ([Robert Weimar](#))

VII. New Business - None

VIII. Adjournment

**Minutes of the
Annual and Regular Board Meeting
Of the Pittsburgh Water and Sewer Authority
Held on February 23, 2018**

This Annual and Regular Monthly Board Meeting of The Pittsburgh Water and Sewer Authority, having been duly advertised in accordance with the Sunshine Act, was called to order on February 23, 2018, at approximately 10:00 a.m., in the Second-Floor Board Room, 1200 Penn Avenue, Pittsburgh, Pennsylvania 15222.

The following members of the Board were present: Mr. Paul Leger, Mr. Jim Turner, Ms. Deborah Gross, and Ms. Margaret Lanier who participated via conference call.

Absent was Ms. Chaton Turner.

There was a quorum for this meeting.

Present from the staff were Robert A. Weimar, Debby Gibson, Debbie Lestitian, Kent Lindsay, James Stitt, Tyler Chilcott, Shannon Barkley, George Robinson, Julie Quigley, BJ McFaddin, Kelly Morgano, Rick Obermeier, and Barry King.

Also present was Mark Nowak of Clark Hill PLC, Solicitor; Ralph Gilbert of Jacobs, Bob Dengler of Gannett Fleming, Herb Higginbotham of AECOM, Donna Chappel of AIG, David Troianos of GAI Consultants, Paul Ionadi of Dynotec, Kathy Chavara of Mott MacDonald, Stephen Polen of Mott MacDonald, Deb Chiavaluna of Test America, Jason McCabe of Skelly and Loy, Heather Dodson of MBI, Coreen Cadadei of Collective Efforts, LLC, Jason McBride of Wade Trim, Kasey Stewart of CMI, Betsey Lovensheimer of CMI, Aly Shaw of Pittsburgh United, Adam Smeltz of Pittsburgh Post-Gazette, Don Zuch of Hull and Associates, Inc., Giuseppe Sciulli of Mott MacDonald, Tom Prusak of Hatch, Tim Nuttle of CEC, Ifeanyi Odigboh of MS Consultants, Mallory Griffin of JMT, Mark Murphy of DLZ Corp., Mark Karolski of Buchart Horn, David Connelly of HDR, Tim Kerestes of PUC, Vaughan Leer of Wood, Jim Daley of Crawford Consulting Services, Ron Ciucci of Arcadis, and Julie Barg of Advantus.

ANNUAL BOARD MEETING

RESOLUTIONS

No. 22 of 2018 Election of Officers of the Pittsburgh Water and Sewer Authority

Mr. Mark Nowak, Solicitor for the Pittsburgh Water and Sewer Authority, explained the details of this resolution. The February Meeting is our Annual Meeting required by the Bylaws, Article 2 Section 8. The item of business is the election of officers. Mr. Nowak requested a motion to elect the officers for a one-year term or until successors are elected. Mr. Nowak requested nominations. Mr. Turner requested to elect Mr. Leger as Board Chair and Ms. Margaret Lanier as Vice Chair. Mr. Leger requested to elect Mr. Turner as Secretary/Treasurer as a combined position and Councilwoman Deb Gross as Assistant Secretary/Treasurer. Mr. Nowak asked if there were seconds for the nominations. Ms. Deb Gross seconded.

Mr. Nowak asked if there were any other nominations. No discussion. Motion passes.

Mr. Nowak thanked everyone and passed the gavel to the new Chair, Mr. Leger. Mr. Leger asked for a motion to recess the Annual Board Meeting. Mr. Turner so moved. Ms. Gross seconded. Meeting was recessed.

EXECUTIVE SESSIONS

Chairperson Leger informed the attendees that an executive session was held prior to the start of the Regular Board Meeting wherein no votes were taken. Legal and personnel matters were discussed.

CALL FOR PUBLIC COMMENT

No public comment.

APPROVAL OF THE MINUTES

Chairperson Leger entertained a motion to approve the Minutes from January 26, 2018. Mr. Turner so moved, Ms. Gross seconded.

The Minutes were approved.

FINANCIAL REPORT

Kent Lindsay, Finance Director, presented the Financials from January 2018. Operating receipts were \$17.6 million and operating expenses were \$16.0 million. Non-operating expenses were \$1 million, and net cash inflows were \$200,000.00.

ENGINEERING REPORT

Barry King, Interim Engineering Director, referred to this month's issue of Currents. PWSA is currently working on the Lanpher Reservoir parapet wall. PWSA will complete the design-phase of capital improvement projects to be constructed in 2019. The projects include four waterline replacements in the Strip District, Bloomfield, Homewood and the Borough of Millvale which are currently in design phase. The Maytide Street Stormwater Project is a green infrastructure (GI) and stormwater improvement project that will take place in the Overbrook and Carrick neighborhoods of the South End.

REPORT OF THE INTERIM EXECUTIVE DIRECTOR

Mr. Weimar advised that in January, the PWSA had 178 breaks and almost 90 service line breaks. He thanked the staff and contractors for going out in extremely cold temperatures, no matter what time night or day. The PUC's requirements will bring some changes to customer service, billing and other components and will require education of the public on the new procedures. The PWSA will be holding community forums once a week. Mr. Weimar welcomed Debbie Lestitian to the team at PWSA and stated that she was a key component on the PWSA board and was grateful to have her join the team.

RESOLUTIONS

No. 23 of 2018 Approving Refunds, Legal Adjustments, and Exoneration Adjustments Recommended by the Water Exoneration Hearing Board

Julie Quigley, Director of Administration, explained the details of this Resolution.

Chairperson Leger entertained a motion to approve. Ms. Gross so moved, and Ms. Lanier seconded the motion. No further discussion was held, and the Resolution was adopted.

No. 24 of 2018 Approving Multiple Professional Service Agreements for Temporary Staffing Services With Various Firms

Julie Quigley, Director of Administration, explained the details of this Resolution. Approval is requested to award multiple Professional Service Agreements for Temporary Staffing Services with Various Firms for a not-to-exceed amount of \$232,469.85 for the 2018 calendar year.

Chairperson Leger entertained a motion to approve. Mr. Turner so moved, and Ms. Lanier seconded the motion. Chairperson Leger motioned for discussion. Discussion held. Resolution was adopted.

No. 25 of 2018 Approving Amendments to the Professional Services Agreements for Temporary Staffing Services

Julie Quigley, Director of Administration, explained the details of this Resolution. Approval is requested to amend the Professional Services Agreements for Temporary Staffing Services in the amount of \$18,974.92.

Chairperson Leger entertained a motion to approve. Mr. Turner so moved, and Ms. Gross seconded the motion. Chairperson Leger motioned for discussion. Discussion held. Resolution was adopted.

No. 26 of 2018 Approving a Change Order to an Operating Contract for the Piggyback of the National Joint Power Alliance's Contract No. 06241-UFC for Uniforms and Apparel to Unifirst

Rick Obermeier, Director of Field Services, explained the details of this Resolution. Approval is requested to approve a change order to an Operating Contract for the piggyback of the National Joint Power Alliance's Contract for Uniforms and Apparel to Unifirst in the amount of \$112,272.06.

Chairperson Leger entertained a motion to approve. Mr. Turner so moved, and Ms. Gross seconded the motion. Chairperson Leger motioned for

discussion. Discussion held. Resolution was adopted.

No. 27 of 2018 Approving an Amendment to a Professional Services Agreement for PWSA Project No. PWSA77 for Safety Consulting Services With Compliance Management International (CMI)

Rick Obermeier, Director of Field Services, explained the details of this Resolution. Approval is requested to amend the Professional Services Agreement for PWSA Project No. PWSA77 for Safety Consulting Services with CMI, to add \$4,840.00 to cover the cost of an environmental assessment for the Water Treatment Plant operations.

Chairperson Leger entertained a motion to approve. Ms. Gross so moved, and Ms. Lanier seconded the motion. Chairperson Lestitian motioned for discussion. No further discussion was held, and the Resolution was adopted.

No. 28 of 2018 Approving the Amendment of Green Infrastructure Grant Agreements for Projects on City of Pittsburgh Owned Properties

James Stitt, Engineering, explained the details of this Resolution. The Green Infrastructure (GI) Grant Agreements awarded to five projects on City owned property require an amendment to the agreements to define the responsibilities for maintenance of these facilities in the future. The amendment will exclude the Property Owner (The City of Pittsburgh) from maintenance responsibilities and identify The Pittsburgh Water and Sewer Authority (PWSA) as the responsible party should a grantee fail to meet the requirements for maintenance to ensure long-term functionality of the project. Potential maintenance tasks may include standard GI operational procedures that are typical of the services already provided to PWSA owned GI projects.

Chairperson Leger entertained a motion to approve. Ms. Gross so moved, and Mr. Turner seconded the motion. Chairperson Leger motioned for discussion. Discussion held. Resolution was adopted.

No. 29 of 2018 Approving Entering Into a Hydrant Relocation Agreement With the Port Authority of Allegheny County

George Robinson, Engineering, explained the details of this Resolution. Requesting the approval to enter into a hydrant relocation agreement with the Port Authority of Allegheny County. The Port Authority is desirous to relocate hydrant (F506) six (6) feet away from its existing location as a part of improvements being made to their Manchester Garage property located at Island Avenue and Beaver Avenue in the 27th Ward of the City of

Pittsburgh.

Chairperson Leger entertained a motion to approve. Ms. Gross so moved, and Ms. Lanier and Mr. Turner seconded the motion. Chairperson Leger motioned for discussion. No further discussion was held, and the Resolution was adopted.

No. 30 of 2018 Approving the Award of Option Year 1 of PWSA Project No. PWSA73 for Sample Collection and Testing to Environmental Data Services, Ltd. and 120Water Audit, LLC

Chairperson Leger requested to Hold this Resolution so that the staff can reconvene with the contractor on the project.

Chairperson Leger entertained a motion to hold. Ms. Gross so moved, and Mr. Turner seconded. Chairperson Leger motioned for discussion. The Motion to Hold the Resolution for one month was unanimously approved.

No. 31 of 2018 Approving the Amendment of the Board-Approved Capital Budget for the 2017 Catch Basin and Inlet Replacement Project

Barry King, Interim Director of Engineering, explained the details of this Resolution. Approving the amendment of the Board-approved Capital Budget for the 2017 Catch Basin and Inlet Replacement Project to increase the approved budget by \$43,385.00. This amendment is necessary to support additional Construction Management/Construction Inspection (CM/CI) services necessary to monitor the ongoing work, with the addition of a second CM/CI crew.

Chairperson Leger entertained a motion to approve. Mr. Turner so moved, Ms. Gross seconded. Chairperson Leger motioned for discussion. No further discussion was held, and the Resolution was adopted.

No. 32 of 2018 Approving the Amendment of the Board-Approved Capital Improvement Budget for the Centre and Herron Green Infrastructure (GI) Project

Barry King, Interim Director of Engineering, explained the details of this Resolution. This Resolution approves the amendment of the Board-approved Capital Budget for the Centre and Herron Green Infrastructure (GI) Project to increase the approved budget by \$15,858.36.

Chairperson Leger entertained a motion to approve. Ms. Gross so moved, Mr. Turner seconded. Chairperson Leger motioned for discussion. Discussion held. Resolution was adopted.

No. 33 of 2018 Approving the Amendment of the Board-Approved Capital Budget for the Filter Rehabilitation Project at the Aspinwall Water Treatment Plant

Barry King, Interim Director of Engineering, explained the details of this Resolution. This Resolution is to increase the budget by \$40,263.00 for additional work needed under the electrical construction contract. Changes are due to unforeseeable field conditions.

Chairperson Leger entertained a motion to approve. Ms. Gross so moved, and Mr. Turner seconded the motion. Chairperson Leger motioned for discussion. No further discussion was held, and the Resolution was adopted.

No. 34 of 2018 Approving the Amendment of the Board-Approved Capital Budget for the Bruecken Pump Station Valve Vault Upgrade Project

Barry King, Interim Director of Engineering, explained the details of this Resolution. This Resolution is to increase the approved budget by \$57,049.00 for the additional work needed under the general construction contract.

Chairperson Leger entertained a motion to approve. Ms. Gross so moved, and Mr. Turner seconded the motion. Chairperson Leger motioned for discussion. Discussion held. Resolution was adopted.

NEW BUSINESS

No. 35 of 2018 Approving the Disbursement of Funds to ALS Environmental and CWM Environmental for Chemical and Microbiological Analysis

Robert Weimar, Interim Executive Director, explained the details of this Resolution. Approval is requested to pay a total of \$188,951.00 to ALS Environmental and CWM Environmental for chemical and microbiological analysis that occurred prior to the November 2017 contract with CWM Environmental. The analyses are for compliance and are required by the regulatory agencies. Some of these invoices are over six months past due.

Chairperson Leger entertained a motion to approve. Mr. Turner so moved, Ms. Lanier seconded. Chairperson Leger motioned for discussion. Discussion held. Resolution was adopted.

**Approving the Payment of a Civil Penalty Associated With the PA DEP
"Consent Assessment of Civil Penalty" Settlement Related to the
Violations of the Clean Streams Law**

Robert Weimar, Interim Executive Director, explained the details of this Resolution. The PWSA is in discussions with the DEP about the details of and the penalty. Mr. Weimar requested that the Board Hold the Resolution until an agreement is finalized.

Chairperson Leger requested a motion to Hold this Resolution for one month. Ms. Gross so moved, Mr. Turner seconded. Chairperson Leger motioned for discussion. The Motion to Hold the Resolution for one month was unanimously approved.

ADJOURNMENT OF THE MONTHLY BOARD MEETING

Chairperson Leger entered a motion to adjourn. Ms. Gross so moved, Mr. Turner seconded. The motion to adjourn was unanimously approved.

The next meeting will be held on Friday, March 23, 2018 at 10:00 AM.

James Turner, Secretary

INTEROFFICE MEMORANDUM

TO: PWSA BOARD OF DIRECTORS
FROM: ROBERT WEIMAR, INTERIM EXECUTIVE DIRECTOR
THRU: KENT LINDSAY, FINANCE DIRECTOR *KAL*
AUTUMN BARNA, PROCUREMENT MANAGER *AB*
DATE: MARCH 5, 2018
SUBJECT: ITEMS APPROVED BY THE EXECUTIVE DIRECTOR

In accordance with Agenda Item No. 189 of 2017, adopted by the PWSA Board of Directors on September 28, 2017, the Executive Director may:

- A. Approve the award and execute contracts or agreements for all purchases and option renewals:
1. IF the Board has approved the not-to-exceed project limit as part of a Capital Improvement Plan (CIP) AND the award will not cause such limit to be exceeded; OR
 2. The award does not exceed \$100,000.
- B. Approve and execute individual contract amendments and individual change orders:
1. Up to the Board approved not-to-exceed project limit as part of a Capital Improvement Plan (CIP); OR
 2. Any amount that brings the total contract value to no more than \$100,000.

The following items over \$10,900 have been approved by the (Interim) Executive Director. Although the agreements for which task orders are issued against have been previously approved by the Board, task order and task order amendment approvals are included as well.

PURCHASE ORDERS/CONTRACTS			
Vendor	Purchase Amount	Purpose	Approval Date
Southern Computer Warehouse	\$32,608.80	Purchase of 20 Microsoft Surface laptops and accessories. Sent RFQ to 16 COSTARS vendors. Three quotes received.	2/6/18
Lake Chevrolet	\$77,100.00	Purchase of Three Chevrolet Equinox SUVs. Sent RFQ to 45 COSTARS vendors. Five quotes received.	2/28/18

CHANGE ORDERS			
Vendor	Change Order Amount	Purpose	Approval Date
Independent Enterprises, Inc.	\$0	PWSA Project No. 2017-OPS-101-0 for the 2017 Urgent Sewer Repair Contract. Change order for tree removal at Pocussett St. and contaminated soil removal at Becks Run Rd. The change order did not result in an overall contract increase, because quantities for unused items were decreased. Contract Amount: \$1,154,665.00	2/5/18
Jet Jack, Inc.	\$10,131.90	PWSA Project No. PWSA14 for Debris Removal from the Howard St. Dewatering Pit. Change order to add funding for final invoice for previous contract term. Previous Contract Amount: \$56,500.00 New Contract Amount: \$66,631.90	2/28/18
EXPEDITED CHANGE ORDERS			
Vendor	Change Order Amount	Purpose	Approval Date
Bronder Technical Services	\$0	PWSA Project No. 2013-322-176-2 for Filter Rehabilitation Project-Electrical. Change order for time extension only. Contract Amount: \$3,941,782.00	2/19/18
Wayne Crouse, Inc.	\$0	PWSA Project No. 2013-322-176-1 for Filter Rehabilitation Project-General & Mechanical. Change order for time extension only. Contract Amount: \$19,275,909.78	2/20/18
Wayne Crouse, Inc.	\$0	PWSA Project No. 2013-322-176-3 for Filter Rehabilitation Project-HVAC. Change order for time extension only. Contract Amount: \$2,317,492.00	2/20/18
TASK ORDERS			
Vendor	Task Order Amount:	Purpose	Approval Date
Hatch Chester	\$59,000.00	CM/CI Services for Lanpher Reservoir Improvements, PWSA Project No. 2017-323-105-1	2/1/18
Mott MacDonald	\$202,000.00	GI Staff Assistance-Tom Batrone, PWSA Project No. 2016-OPS-120-1	2/1/18
Hatch Chester	\$104,000.00	CM/CI Services for 2017 Lead Service Line Exceedances, PWSA Project No. 2016-325-105-2	2/2/18
Mott MacDonald	\$27,250.00	PM Services for Lanpher Reservoir Improvements, PWSA Project No. 2017-323-105-0	2/2/18

Vendor	Task Order Amount:	Purpose	Approval Date
AECOM	\$66,206.80	CM/CI Services for 2015 Pump & Motor Service Contract, PWSA Project No. 2013-OPS-208-0	2/13/18
Mott MacDonald	\$15,750.00	PM Services for Aspinwall Treatment Plant Pretreatment Chemical System & Clarification Improvements, PWSA Project No. 2017-322-101-0	2/13/18
Mott MacDonald	\$27,250.00	PM Services for Clearwell Emergency Response Project, PWSA Project No. 2017-323-100-0	2/13/18
AMEC Environmental & Infrastructure, Inc.	\$15,583.74	Centre and Herron Design Increase, PWSA Project No. 2016-GI-104-0	2/26/18
Hatch Chester	\$26,064.00	CM/CI Services for 2016 Urgent Water Repair (Zottola), PWSA Project No. DISC-325-117-0	2/26/18
TASK ORDER AMENDMENTS			
Vendor	Task Order Amendment Amount	Purpose	Approval Date
AECOM	\$0	QA Review of Lead Service Line Program, PWSA Project No. 2016-OPS-117-0. Task order amendment to extend time only. Task Order Amount: \$47,708.91	2/1/18
AECOM	\$0	CM Related Services for Hillcrest, PWSA Project No. 2016-GI-103-0. Task order amendment to extend time only. Task Order Amount: \$109,167.37	2/2/18
AECOM	\$0	CM/CI/GPS Services for Centre & Herron, PWSA Project No. 2016-GI-104-0. Task order amendment to extend time only. Task Order Amount: \$127,583.44	2/2/18
Mott MacDonald	\$0	EPA308 Response Source Reduction, PWSA Project No. 2017-424-106-0. Task order amendment to extend time only. Task Order Amount: \$749,068.70	2/2/18
Mott MacDonald	\$0	Design Services for Highland Reservoir Pump Station & Rising Main-Garfield Pump Station, PWSA Project No. 2017-323-101-0. Task order amendment to extend time only. Task Order Amount: \$892,419.33	2/13/18

**PWSA Revenues and Expenses
February 2018
(Modified Cash Basis)**

	Current Month Actual	Current Month Budget	Prior Year Month Actual	2018 Current Y-T-D Actual	Current Y-T-D Budget	Prior Year Y-T-D Actual
Operating Receipts						
Water & Conveyance Utility	\$ 9,563,894	\$ 13,546,181	\$ 8,520,035	\$ 21,264,552	\$ 27,030,056	\$ 18,921,174
Alcosan Utility	5,222,954	5,796,986	3,497,136	10,347,799	11,567,308	9,390,179
DISC	(273)	0	23,084	(104)	0	511,476
Fees	289,168	186,590	186,590	1,042,926	352,854	352,854
Misc Other	349,030	300,019	38,329	371,722	377,402	112,674
Total Operating Receipts	15,424,772	19,829,776	12,265,174	33,026,894	39,327,620	29,288,357
Operating Expenses						
Distribution	(1,345,171)	(1,449,710)	(978,600)	(3,323,597)	(2,954,225)	(1,926,786)
Water Treatment Plant	(1,807,976)	(1,414,220)	(655,045)	(3,322,278)	(3,041,849)	(1,745,342)
Water Quality	(223,126)	(263,538)	(54,368)	(333,690)	(561,921)	(122,299)
Sewer Conveyance	(624,893)	(744,743)	(802,527)	(1,222,648)	(1,562,012)	(1,453,975)
DISC Disbursements	-	-	-	-	-	-
Engineering	(603,304)	(806,960)	(653,787)	(970,206)	(1,854,448)	(1,811,851)
Environmental Compliance	(15,616)	(407,892)	-	(53,230)	(679,577)	-
Alcosan Sewage Treatment	(4,362,793)	(4,911,199)	(4,572,302)	(11,449,490)	(12,636,106)	(11,850,055)
General Admin	(1,406,398)	(2,795,766)	(1,238,590)	(5,753,326)	(5,613,031)	(3,585,176)
Total Operating Expenses	(10,389,278)	(12,794,029)	(8,955,219)	(26,428,464)	(28,903,169)	(22,495,485)
Net Income/(Loss) From Operations	\$ 5,035,495	\$ 7,035,747	\$ 3,309,955	\$ 6,598,430	\$ 10,424,451	\$ 6,792,872
Non-operating Cash Inflows/Outflows						
ADD: Non-Trust Interest Income						
LESS: Debt Service & Other:						
Bond Debt Svc (Net Trust Income)	(11,166,326)	(21,611,275)	(9,831,900)	(11,915,732)	(22,448,445)	(13,850,626)
Pennvest Loan Debt Svc (Net)	(325,430)	(325,536)	(325,681)	(655,133)	(651,072)	(655,384)
Pvest (Disburs)/Ln Advances - Net	-	-	987,957	-	-	972,481
Total Non-Operating Expenses	(11,491,756)	(21,936,812)	(9,169,624)	(12,570,864)	(23,099,517)	(13,533,529)
Transfer to Restricted Funds	(244,426)	(244,426)	(262,043)	(488,852)	(488,852)	(524,085)
Net Cash Inflows/(Outflows):	\$ (6,700,687)	\$ (15,145,490)	\$ (6,121,712)	\$ (6,461,286)	\$ (13,163,917)	\$ (7,264,742)
Capital Project Spending	\$ (2,612,133)	\$ (3,869,685)	\$ (390,379)	\$ (3,642,623)	\$ (8,403,012)	\$ (2,065,032)

Beginning Line of Credit Balance:	\$ 36,200,000.00
February Net Change	\$ (3,200,000.00)
Ending Line of Credit Balance:	\$ 33,000,000.00

PWSA 2018

(\$000)

	Actuals		Budget										Total	2018 Total Budget	Var.		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC					
Operating Receipts																	
Water & Conveyance	11,701	9,564	13,303	13,971	14,187	14,577	14,045	17,355	16,213	16,077	14,090	16,442	171,524	177,289	(5,766)		
Alcosan	5,125	5,223	5,693	5,979	6,071	6,238	6,010	7,427	6,938	6,880	6,030	7,036	74,650	75,870	(1,220)		
DISC	0	(0)	0	0	0	0	0	0	0	0	0	0	(0)	0	(0)		
Fees	754	289	201	104	708	160	114	234	244	252	259	282	3,600	2,910	690		
Misc Other	23	349	77	77	77	77	77	77	77	77	77	77	1,146	1,151	(6)		
Total Operating Receipts	17,602	15,425	19,274	20,131	21,043	21,053	20,247	25,093	23,472	23,287	20,456	23,838	250,920	257,221	(6,301)		
Operating Expenses																	
Distribution	(1,978)	(1,345)	(1,433)	(1,599)	(1,692)	(1,685)	(1,967)	(2,386)	(1,791)	(1,433)	(1,231)	(1,131)	(19,672)	(19,303)	(369)		
Water Treatment Plant	(1,514)	(1,808)	(1,568)	(1,852)	(1,467)	(1,398)	(1,550)	(1,503)	(1,428)	(1,384)	(1,313)	(1,382)	(18,167)	(17,887)	(280)		
Water Quality	(111)	(223)	(266)	(247)	(209)	(219)	(227)	(249)	(222)	(194)	(203)	(196)	(2,566)	(2,794)	228		
Sewer Conveyance	(598)	(625)	(1,090)	(1,412)	(2,066)	(2,110)	(2,095)	(2,237)	(2,074)	(1,846)	(1,432)	(1,071)	(18,655)	(18,994)	339		
DISC Disbursements	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Engineering	(367)	(603)	(1,003)	(788)	(837)	(889)	(1,068)	(896)	(965)	(861)	(840)	(864)	(9,980)	(10,864)	884		
Environmental Compliance	(38)	(16)	(331)	(237)	(335)	(348)	(358)	(468)	(423)	(384)	(342)	(286)	(3,566)	(4,193)	626		
Alcosan	(7,087)	(4,363)	(6,948)	(8,329)	(4,860)	(6,769)	(6,995)	(4,936)	(6,892)	(7,489)	(4,768)	(6,668)	(76,104)	(77,291)	1,187		
General Admin	(4,347)	(1,406)	(2,536)	(4,594)	(2,121)	(2,215)	(3,806)	(2,206)	(2,519)	(3,700)	(2,018)	(4,060)	(35,527)	(35,386)	(140)		
Total Operating Expenses	(16,039)	(10,389)	(15,175)	(19,058)	(13,586)	(15,632)	(18,066)	(14,883)	(16,314)	(17,290)	(12,146)	(15,659)	(184,238)	(186,712)	2,475		
Operating Income/(Loss)	1,563	5,035	4,099	1,073	7,457	5,421	2,181	10,210	7,159	5,997	8,310	8,179	66,682	70,508	(3,826)		
Non-operating Cash Flows																	
LESS: Debt Service & Other:																	
Bond Debt Svc, Net	(749)	(11,166)	(548)	(551)	(546)	(456)	(456)	(21,569)	(461)	(461)	(462)	(463)	(37,886)	(48,419)	10,533		
Pennvest Debt Svc, Net	(330)	(325)	(326)	(326)	(326)	(326)	(326)	(326)	(326)	(326)	(326)	(326)	(3,910)	(3,906)	(4)		
Pvest (Disburs)/Ln Reimb - Net	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total Non-Operating Expenses	(1,079)	(11,492)	(874)	(876)	(871)	(781)	(781)	(21,894)	(786)	(787)	(788)	(788)	(41,797)	(52,325)	10,529		
Transfer to Restricted Funds	(244)	(244)	(244)	(244)	(244)	(244)	(244)	(244)	(244)	(244)	(244)	(244)	(2,933)	(2,933)	0		
Net Cash Inflows/(Outflows):	239	(6,701)	2,981	(48)	6,341	4,395	1,155	(11,929)	6,128	4,966	7,278	7,147	21,953	15,250	6,703		
Capital Project Spending	(1,030)	(2,612)	(4,591)	(5,558)	(5,938)	(7,085)	(5,728)	(6,292)	(6,427)	(6,860)	(7,292)	(12,746)	(72,160)	(76,921)	4,760		

PWSA 2017

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	Actuals												Total	2017 Total Budget	Var.
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC			
Operating Receipts															
Water & Conveyance	10,401	8,520	9,862	8,934	12,191	10,443	11,785	12,169	10,413	12,527	8,893	9,632	125,771	133,618	(7,847)
Alcosan	5,893	3,497	5,915	4,791	4,547	5,376	5,727	6,874	5,943	5,897	5,117	4,219	63,796	70,780	(6,985)
DISC	488	23	37	(1)	(1)	3	1	(0)	(7)	(3)	(1)	0	539	0	539
Fees	166	187	201	104	708	161	114	254	520	126	240	65	2,846	8,718	(5,873)
Misc Other	74	38	369	61	51	53	35	42	31	36	165	1,645	2,601	5,669	(3,069)
Total Operating Receipts	17,023	12,265	16,384	13,889	17,496	16,036	17,662	19,339	16,900	18,583	14,415	15,561	195,551	218,786	(23,235)
Operating Expenses															
Distribution	(948)	(979)	(1,513)	(722)	(1,196)	(1,400)	(1,088)	(1,601)	(1,198)	(1,615)	(1,159)	(1,079)	(14,497)	(16,502)	2,005
Water Treatment Plant	(1,090)	(655)	(2,176)	(844)	(1,131)	(796)	(829)	(1,508)	(894)	(2,093)	(845)	(1,284)	(14,145)	(16,059)	1,914
Water Quality	(68)	(54)	(138)	(115)	(242)	(333)	(68)	(168)	(81)	(134)	(37)	(168)	(1,607)	(1,636)	29
Sewer Conveyance	(651)	(803)	(578)	(836)	(808)	(1,107)	(848)	(945)	(950)	(1,346)	(819)	(544)	(10,234)	(10,048)	(186)
DISC Disbursements	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	(1,158)	(654)	(847)	(1,320)	(1,121)	(491)	(571)	(940)	(268)	(1,743)	(578)	(1,536)	(11,227)	(9,694)	(1,533)
Alcosan	(7,278)	(4,572)	(6,548)	(7,854)	(4,580)	(6,160)	(6,596)	(4,627)	(6,498)	(7,062)	(4,495)	(6,284)	(72,555)	(70,780)	(1,775)
General Admin	(2,347)	(1,239)	(1,621)	(2,959)	(1,379)	(1,153)	(3,942)	(1,829)	(1,685)	(1,641)	(3,878)	(3,285)	(26,957)	(26,703)	(254)
Total Operating Expenses	(13,540)	(8,955)	(13,422)	(14,650)	(10,456)	(11,440)	(13,942)	(11,617)	(11,575)	(15,634)	(11,810)	(14,179)	(151,222)	(151,423)	201
Operating Income/(Loss)	3,483	3,310	2,962	(761)	7,039	4,596	3,720	7,722	5,325	2,948	2,604	1,382	44,330	67,364	(23,034)
Non-operating Cash Flows															
ADD: Interest Income	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LESS: Debt Service & Other:															
Bond Debt Svc, Net	(4,019)	(9,832)	(3,019)	(3,319)	(3,028)	(2,934)	(3,207)	(9,203)	(2,701)	(3,314)	(2,947)	(1,189)	(48,712)	(49,996)	1,284
Pennvest Debt Svc, Net	(330)	(326)	(300)	(327)	(328)	(327)	(330)	(324)	(327)	(325)	(327)	(327)	(3,898)	0	(3,898)
Pvest (Disburs)/Ln Reimb - Net	(15)	988	0	(59)	0	(10)	0	(87)	0	0	0	(23)	794	0	794
Total Non-Operating Expenses	(4,364)	(9,170)	(3,319)	(3,705)	(3,356)	(3,271)	(3,537)	(9,615)	(3,028)	(3,640)	(3,274)	(1,539)	(51,816)	(49,996)	(1,820)
Transfer to Restricted Funds	(262)	(262)	(262)	(262)	(262)	(262)	(262)	(262)	(262)	(262)	(262)	(262)	(3,145)	(3,145)	0
Net Cash Inflows/(Outflows):	(1,143)	(6,122)	(619)	(4,728)	3,421	1,063	(79)	(2,155)	2,035	(953)	(931)	(419)	(10,631)	14,224	(24,854)
Capital Project Spending	(1,675)	(390)	(3,039)	(1,871)	(2,632)	(1,640)	(2,510)	(2,358)	(2,525)	(953)	(2,619)	(8,202)	(30,414)	(47,880)	17,466