

AGENDA  
REGULAR MEETING OF THE BOARD OF THE  
ALLEGHENY COUNTY SANITARY AUTHORITY  
THURSDAY, MARCH 23, 2017

- I. Roll Call  
Pledge of Allegiance
  
- II. Information Items
  - A. Visitors – Public Comment
  
  - B. 3RWW Update – Mark Wolinsky, Executive Director, 3RWW
  
  - C. 2017 Capital Budget Status Report as per attached **Exhibit A** – Dave Borneman
  
  - D. Report of actions by the Executive Director in approval of construction change orders less than \$30,000.00 and a cumulative total change order value to date of less than five percent of the original contract amount: **Exhibit B**
    - 1. No. 2, under Contract 1642E, “New Vehicle Maintenance Facility, Electrical,” to R.E. Yates Construction, in an amount of \$1,946.00, for three unrelated changes: a) to add a circuit and increase the wire size for the hand wash station in the garage area; b) provide electric power to the revised location of the ice maker in Building No. 2; and c) add an electrical receptacle at the main entrance gate. The original amount of the contract was \$783,284.00. The current value of the contract including this change order and previous change orders is \$793,130.00.
  
    - 2. No. 3, under Contract 1642E, “New Vehicle Maintenance Facility, Electrical,” to R.E. Yates Construction, in an amount of \$13,300.00, for two unrelated changes: a) to provide power to the Fuel Management System and add an emergency stop button to the fueling system; and b) to add a card reader and an exit push button to the fenced in storage area in Building No. 1. The original amount of the contract was \$783,284.00. The current value of the contract including this change order and previous change orders is \$806,430.00.
  
    - 3. No. 7, under Contract 1642G, “New Vehicle Maintenance Facility, General,” to MASCO Construction Co., Inc., in the amount of \$2,899.00 for changes to four lockable storage cabinets in Building No. 1. The cabinets were revised to have seven drawers in lieu of having lockable doors. The original amount of

the contract was \$6,284,000.00. The current value of the contract including this change order and previous change orders is \$6,370,198.86.

4. No. 8, under Contract 1642G, "New Vehicle Maintenance Facility, General," to MASCO Construction Co., Inc., in the amount of \$1,919.18 for two unrelated changes: a) raising an existing storm sewer manhole to grade; and b) placing aggregate stone cover behind Building No. 3 between the building and the railroad retaining wall. The original amount of the contract was \$6,284,000.00. The current value of the contract including this change order and previous change orders is \$6,372,118.04.
5. No. 2 (final), under Contract No. 1623, "Sewer Improvements Contract" to Pugliano Construction Company, Inc., a credit in the amount of \$285,810.02 for reconciliation of final quantities for base bid unit price items. The original amount of the contract was \$480,913.00. The final value of the contract including this change order and previous change orders is \$195,102.98.

### III. Action Items

- A. Approval of the minutes of the Regular Board Meeting of February 23, 2017.
- B. Consider authorizing payment of invoices in excess of \$18,500.00 processed during the period, February 14, 2017 through, March 10, 2017; ratify the action of the Executive Director in paying utility bills processed during the period and review invoices between \$10,000.00 and \$18,500.00 processed during the same period as per attached **Exhibit C**.
- C. Motion to approve the following contracts:
  1. Contract No. 1673, "Evaporator Tube Bundle Replacement – Incinerator No. 2," to Simakas Company, Inc. at the price of 249,734.00. Bids received are indicated on **Exhibit D**.
- D. Motion to authorize the preparation of specifications and advertisement for bids for the following contracts: **Exhibit E**
  1. Contract No. 1659A, "Annual Interceptor Cleaning Contract"
  2. Contract No. 1675, "M-29 Outfall Improvements"
  3. Contract No. 1676, "Purchase of Chain for Bar Racks and Grit Tanks"

E. Motion to approve the following Service Authorizations for Professional Consultants. Assignment is based on consultants' past efforts, knowledge, and understanding of the task involved and the availability of the consultants' staff to perform the tasks in the time required:

1. For Michael Baker, under the agreement for Professional Services, for an amount not to exceed \$ 177,087.04, to perform construction management services for Contract 1660, "Flap Gate Replacements at Various Locations".
2. For Chester Engineers, under the agreement for Retained Engineering Consultant Services, for an amount not to exceed \$16,600.00, to provide engineering analysis and support services for the proposed rehabilitation and restoration of the existing ALCOSAN Chimney Stack.
3. For Robert C. Gallo, to exercise the six month option under Service Authorization No. 293. The Contract provides for ongoing support of the municipal relations and outreach function.

F. Motion to accept the Maher Duessel Audit Report for the year ending December 31, 2016.

IV. New Business

V. Adjournment

# CAPITAL IMPROVEMENT PROGRAM DASH

## MARCH 2017

tabbles

BOARD

### STATUS REPORT

Capital Number	Project/Program Description	Current Total Estimated Costs	Total Expended thru 2016	Remaining to be Expended	2017 Capital Budget	2017 Expenditures to Date
<b>Existing Plant Projects</b>						
S408	Biosolids Strategic Plan	1,525,600	4,371	1,521,229	507,200	-
S423	Plant Energy Efficiency Upgrades	2,319,000	1,003,926	1,315,074	750,000	11,441
S441	Dem mineralization System Improvements	3,200,000	600,338	2,599,662	2,599,662	395,321
S442	Energy Recovery Facility Improvements (2016-2017)	2,500,000	100,000	2,400,000	2,400,000	432,353
S443	Plant Facilities and Safety Upgrades (2016-2017)	3,400,000	1,706,948	1,693,052	1,693,052	360,665
<b>Subtotal</b>	<b>Existing Plant Projects</b>	<b>12,944,600</b>	<b>3,415,583</b>	<b>9,529,017</b>	<b>7,949,914</b>	<b>1,199,780</b>
<b>Existing Interceptor System Projects</b>						
S420	Grit Chambers	1,805,900	398,317	1,407,583	763,600	9,663
S424	PennDOT Bridge and Highway Improvements	2,191,000	1,140,304	1,050,696	1,050,700	3,585
S427	Squaw Run FM Replacement	1,710,400	263,630	1,446,770	1,446,770	8,211
S429	Sewer Rehabilitation at Various Locations	8,892,000	319,374	8,572,626	6,000,000	12,656
S444	Flap Gates at Various Locations (2016-2017)	2,769,000	40,175	2,728,825	2,400,000	65,401
S445	Conveyance, Rehabilitation and Enhancements (2016-2017)	3,330,000	329,353	3,000,647	1,000,000	127,245
S450	Sewer Improvement Contract (2017-2018)	952,000	-	952,000	450,000	49,009
S452	Sonar Investigations	1,845,000	-	1,845,000	500,000	-
<b>Subtotal</b>	<b>Existing Interceptor System Projects</b>	<b>23,495,300</b>	<b>2,491,153</b>	<b>21,004,147</b>	<b>13,611,070</b>	<b>275,771</b>
<b>Green Infrastructure Projects</b>						
S404	Sheraden Park WRDA Sec 206	801,700	741,020	60,680	60,680	116
S437	Ravine St Stream Removal and Sewer Separation	3,095,000	20,087	3,074,913	1,000,000	1,396
S438	Four Mile Run Regulator (M29) & Outfall Improvements	3,599,000	184,855	3,414,145	200,000	23,649
S440	Source Control - Municipal Green Infrastructure Projects	47,683,600	63,659	47,619,941	9,493,000	249,615
S455	Green Infrastructure Program Manager	3,687,000	-	3,687,000	984,000	1,101
<b>Subtotal</b>	<b>Green Infrastructure Projects</b>	<b>58,866,300</b>	<b>1,009,621</b>	<b>57,856,679</b>	<b>11,737,680</b>	<b>274,776</b>
<b>Municipal I&amp;I Reduction Projects</b>						
S439	Source Control - Municipal Inflow and Infiltration	38,340,400	98,923	38,241,477	7,624,000	1,892
S447	Municipal Source Control Program	11,637,000	65,900	11,571,100	1,733,400	422,383
S453	DeLafield Storm Separation	4,549,600	-	4,549,600	143,000	-
S454	Panther Hollow DSI	8,006,600	-	8,006,600	342,000	-
<b>Subtotal</b>	<b>Municipal I&amp;I Reduction Projects</b>	<b>62,533,600</b>	<b>164,823</b>	<b>62,368,777</b>	<b>9,842,400</b>	<b>424,275</b>
<b>Wet Weather Plant Expansion Projects</b>						
S421	New Vehicle Maintenance Garage	11,000,000	10,603,725	396,275	396,275	1,576,848
S430	Wet Weather Plant Expansion Program	14,000,000	1,025,618	12,974,382	4,400,000	780,022
S449	Demolition of Old Operations & Maintenance Facility	2,100,000	-	2,100,000	100,000	-
<b>Subtotal</b>	<b>Wet Weather Plant Expansion Projects</b>	<b>27,100,000</b>	<b>11,629,343</b>	<b>15,470,657</b>	<b>4,896,275</b>	<b>2,356,870</b>
<b>Interim Wet Weather Plan Regional Projects</b>						
S432	Preliminary Planning	12,500,000	672,833	11,827,167	4,000,000	156,138
S446	Regionalization	49,635,000	6,501,112	43,133,888	15,000,000	2,603,671
S448	Interim Wet Weather Planning Compliance	22,750,000	2,150,043	20,599,957	2,800,000	986,573
S451	Property Acquisitions	3,880,000	-	3,880,000	1,000,000	-
S456	Program Management Information System (PMIS)	2,295,000	-	2,295,000	975,000	9,352
<b>Subtotal</b>	<b>Interim Wet Weather Plan Regional Projects</b>	<b>91,060,000</b>	<b>9,323,988</b>	<b>81,736,012</b>	<b>23,775,000</b>	<b>3,755,735</b>
<b>Other Capital Improvements</b>						
S419	Mobile Equipment (2017)	1,118,800	-	1,118,800	1,118,800	-
S000	2017 Low Cost Capital Improvements	2,115,000	-	2,115,000	2,115,000	568,415
<b>Subtotal</b>	<b>Other Capital Improvements</b>	<b>3,233,800</b>	<b>-</b>	<b>3,233,800</b>	<b>3,233,800</b>	<b>568,415</b>
<b>Total 2017 Capital Program</b>			<b>11</b>	<b>251,199,089</b>	<b>75,046,139</b>	<b>8,855,622</b>

# Change Order Exhibit

ALLEGHENY COUNTY SANITARY AUTHORITY

Contractor: MASCO Construction, Inc.	Change Order Number: 1642E - 02
Contract Title: New Vehicle Maintenance Facility	Date Issued: 02/17/17

## PCO-3 Modifications To Panel SDP

<p><b>Description of Change :</b> Add a circuit from the SDP panel to the Hand Wash Station located in the vestibule, and increase the wire size for the Hand Wash Station located in the garage area.</p> <p><b>Reason for Change:</b> There was no circuit designated for the Hand Wash Station located in the vestibule, and because the breakers are 30 Amp, they require #10 AWG instead of the #12 AWG.</p> <p><b>Economic Value of Change: N/A</b></p>	<p><b>Value of Change:</b></p> <p>Add: \$ 1,193.00</p>
<p><b>Reason for approval of change:</b> The CM evaluated the contractor's proposal and developed an Engineers Estimate for the work. The CM finds that the contractors proposed cost is consistent with the work to be performed.</p>	

## PCO-6 Wiring For Ice Maker

<p><b>Description of Change :</b> Provide electrical power to the revised location of Ice Maker in Building No. 2.</p> <p><b>Reason for Change:</b> The conduit and wire for the Ice Maker in Building No. 2 were installed in the location as shown on the Electrical Drawing. However, the piping, including underground for drainage, was installed per the Plumbing Drawing, which shows the Ice Maker in a different location. This change is for providing service to the Ice Maker in its revised location.</p> <p><b>Economic Value of Change: N/A</b></p>	<p><b>Value of Change:</b></p> <p>Add: \$ 142.00</p>
<p><b>Reason for approval of change:</b> The CM evaluated the contractor's proposal and developed an Engineers Estimate for the work. The CM finds that the contractors proposed cost is consistent with the work to be performed.</p>	

# Change Order Exhibit

ALLEGHENY COUNTY SANITARY AUTHORITY

## PCO-7 Convenience Outlet

<b>Description of Change :</b> Provide and install a convenience receptacle at the main entrance gate. The receptacle is to be a GFCI with weather proof cover mounted on the pedestal at the gate. The change includes all material and labor needed to perform the work.	<b>Value of Change:</b>
<b>Reason for Change:</b> The change is an Owner request.	Add: \$ 611.00
<b>Economic Value of Change:</b> N/A	
<b>Reason for approval of change:</b> The CM evaluated the contractor's proposal and developed an Engineers Estimate for the work. The CM finds that the contractors proposed cost is consistent with the work to be performed.	

<b>Total Add:</b>	<b>\$1,946.00</b>
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Construction Manager, Gannett Fleming

# Change Order Exhibit

ALLEGHENY COUNTY SANITARY AUTHORITY

Contractor: R.E. Yates Construction	Change Order Number: 1642E - 03
Contract Title: New Vehicle Maintenance Facility	Date Issued: 02/27/17

**PCO-2 Additional Circuits – Emergency Stop Button**

<p><b>Description of Change :</b>          Provide circuits from Panel UP1 for the Fuel Pump Diesel; Fuel Pump Gasoline; Underground Storage Tank Pump Gasoline; Underground Storage Tank Diesel; Fuel Management System-Island; Fuel Management System Office; Vehicle Entrance Gate; Vehicle Exit Gate; Pedestrian Gate. Also, provide and install an Emergency Stop Button for the Fueling System.</p> <p><b>Reason for Change:</b>          There is no provision in the Contract Drawings providing power to the Fuel Management System. Field Instruction FI-01E was issued directing the contractor to provide the necessary circuit for the system. Also, there was no provision for an Emergency Stop for the fuel dispensers. Field Instruction FI-02E was issued directing the contractor to provide the emergency stop.</p> <p><b>Economic Value of Change: N/A</b></p>	<p><b>Value of Change:</b>          Add: \$ 7,639.00</p>
<p><b>Reason for approval of change:</b> The CM evaluated the contractor's proposal and developed an Engineers Estimate for the work. The CM finds that the contractors proposed cost is consistent with the work to be performed.</p>	

**PCO-4 Wiring For Ice Maker**

<p><b>Description of Change :</b> Drawing A-2.1 shows a fenced in storage area in Building No. 1. There is no provision for the controlled access to the door/gate. This change is for supplying the access system including a card reader and an exit push button. Also included is power to the access control system.</p> <p><b>Reason for Change:</b> The purpose of the Caged Storage Area is to provide additional security to material and supplies. The addition of a card reader access insures against unauthorized entry.</p> <p><b>Economic Value of Change: N/A</b></p>	<p><b>Value of Change:</b>          Add: \$ 5,661.00</p>
<p><b>Reason for approval of change:</b> The CM evaluated the contractor's proposal and developed an Engineers Estimate for the work. The CM finds that the contractors proposed cost is consistent with the work to be performed.</p>	

<b>Total Add:</b>	<b>\$13,300.00</b>
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Construction Manager, Gannett Fleming

# Change Order Exhibit

ALLEGHENY COUNTY SANITARY AUTHORITY

Contractor: MASCO Construction, Inc.	Change Order Number: 1642G - 007
Contract Title: New Vehicle Maintenance Facility	Date Issued: 02/17/17

## PCO 1642G-012 Lockable Cabinet Revisions

<b>Description of change:</b> The four (4) Lockable Storage Cabinets listed as Equipment Item No. 22 were revised to have seven (7) drawers in lieu of having a lockable door. <b>Reason for Change:</b> The cabinets are located in a secured area and do not need to be locked. The Owner requested the change to make the units more usable. <b>Economic Value of Change: N/A</b>	<b>Value of Change:</b>  Add: \$2,899.00
<b>Reason for approval of change:</b> Gannett Fleming developed a cost comparison and found the contractors proposed cost to be fair and reasonable.	

<b>Total Add:</b>	<b>\$2,899.00</b>
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Resident Construction Manager, Gannett Fleming



# Change Order Exhibit

ALLEGHENY COUNTY SANITARY AUTHORITY

Contractor: MASCO Construction, Inc.	Change Order Number: 1642G - 008
Contract Title: New Vehicle Maintenance Facility	Date Issued: 02/28/17

PCO 1642G-017 Raise Existing Storm MH C001

<b>Description of change:</b> Raise existing Storm MH C001 to an elevation above the plan finish grade at the location of the manhole. Work includes material, equipment, and labor for raising the manhole. <b>Reason for Change:</b> If the existing Storm MH is not raised it will be buried after the site is brought up to design finished grade. <b>Economic Value of Change:</b> N/A	<b>Value of Change:</b>  Add: \$661.00
<b>Reason for approval of change:</b> The work was performed on a T&M basis. Gannett Fleming documented and agreed to the time, material and equipment used.	

PCO 1642G-019 Additional Aggregate Ground Cover Behind Building No. 3.

<b>Description of change:</b> Provide additional Aggregate Ground Cover for the area behind Building No. 3 between the building and the railroad retaining wall. Work to include Non-woven Geotextile, Penn Dot Class 4, Type A filter fabric, and #1 Limestone as per the detail on Contract Drawing 095-L-1.0. <b>Reason for Change:</b> The area behind Building No. 3 running along the railroad track is not shown on the drawing to receive Aggregate Ground Cover. However, the area was denuded during the construction of the building and could become an erosion problem. Adding the ground cover also makes the area consistent with the remaining site perimeter along the east portion of the site. <b>Economic Value of Change:</b> N/A	<b>Value of Change:</b>  Add: \$1,258.18
<b>Reason for approval of change:</b> The work was directed by ALCOSAN/CM and was performed on a T&M basis. Gannett Fleming documented and agreed to the time, material and equipment used.	

<b>Total Add:</b>	<b>\$1,919.18</b>
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Resident Construction Manager, Gannett Fleming

# Change Order Exhibit

ALLEGHENY COUNTY SANITARY AUTHORITY

Contract No.:	1623	Change Order No:	1623-CO-02
Contract Name:	Sewer Improvements Contract	Date Issued:	February 14, 2017
Contractor:	Pugliano Construction Company	PCO Number:	1623-PCO-02

**Description of work:**

This change order is for the deduction of remaining contract value after balancing the overrun and underrun of Contingent Item quantities for the contract.

**Reason (Why the work was not included in the basic contract):**

This Contract was formatted as an Indefinite Delivery, Indefinite Quantity (IDIQ) contract with contingent items provided for projected work quantities. There were no large emergency or related jobs that required the use of many of the contingent item quantities in place. Therefore, a majority of the Contract value was unused.

**Economic Value (Life Cycle Cost/Benefit) to ALCOSAN:**

N/A

**Reason recommended for Board Approval:**

This change order is necessary to finalize the contract value to match the completed work quantities.

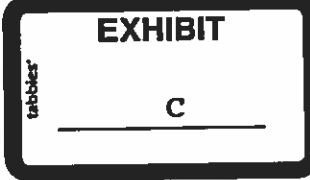
<b>Total Addition/&lt;Deduction&gt;:</b>	<b>&lt;\$285,810.02&gt;</b>
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Manager of Planning

ALCOBAN PAYABLES EXCEEDING \$10,000.00 FROM FEBRUARY 14, 2017 THROUGH MARCH 10, 2017

INVOICES OVER \$18,500.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
A. Folino Construction, Inc.	26,615.81		Employee Parking Lot Improvements, Contract No. 1649, Estimate No. 5 and Final.
ADS Environmental Services	140,300.00		Professional Services Re: Municipal Source Control Program, Flow Monitoring and Flow Isolation Study, Service Authorization No. 287, for the Month of January 2017. Invoice No. 35057-0217.
AECOM Technical Services	380,388.43		Professional Services Re: Alcosan Regionalization Analysis and Implementation, Service Authorization No. 276, for the Period of January 21, 2016 to February 17, 2017. Invoice No. 28.
ALEM Consulting	17,281.04	5,602.31	Owner's Representative Services Provided for the Month of February 2017, Service Authorization No. 282. Invoice No. 19.
Arcadis	243,285.23		Professional Services Re: Wet Weather Plant Expansion, Service Authorization No. 295, for the Period of January 16 to February 12, 2017. Invoice No. 0833804.
Blank River Services	350,943.95		Supply and Deliver New Barge and Barge-Mounted Crane, Contract No. 1641-A, Estimate No. 4.



ALCOBAN PAYABLES EXCEEDING \$10,000.00 FROM FEBRUARY 14, 2017 THROUGH MARCH 10, 2017

INVOICES OVER \$18,500.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
CDM Smith	228,091.30		Professional Services Re: Wet Weather Program Management and Engineering Support Services, Service Authorization No. 289, for the Period of January 1 through January 21, 2017. Invoice No. 90009822/7.
Chester Engineers	20,388.47		Professional Services Re: Evaluation and Conceptual Design of Modifications to Regulating Structure M-29, Service Authorization No. 280-4, for the Month of December 2016. Invoice No. 58119.
Gannett Fleming	46,467.46		Professional Services Re: New Vehicle Maintenance Facility, Service Authorization No. 269A, for the Period Ending February 3, 2017. Invoice No. 058553.03*18.
Guy's Mechanical Systems, Inc.	137,149.20		New Vehicle Maintenance Facility-HVAC, Contract No. 1642H, Estimate No. 13.
Guy's Mechanical Systems, Inc.	62,031.40		New Vehicle Maintenance Facility-HVAC, Contract No. 1642H, Estimate No. 14.
Guy's Mechanical Systems, Inc.	26,111.47		New Vehicle Maintenance Facility-Plumbing, Contract No. 1642P, Estimate No. 15.

ALCOSAN PAYABLES EXCEEDING \$10,000.00 FROM FEBRUARY 14, 2017 THROUGH MARCH 10, 2017

INVOICES OVER \$18,500.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Kokosing Industrial	952,771.15		Main Pump Station Upgrade-General, Contract No. 14946, Estimate No. 34.
Kokosing Industrial	17,910.32		Main Pump Station Gate Valve Replacement, Contract No. 1601, Estimate No. 15.
Kokosing Industrial	131,558.56		Deminerlization System Upgrade-General, Contract No. 16576, Estimate No. 4.
Link Computer		31,464.00	Renewable Maintenance Contract - Network Storage Boxes, for the Period of January 31, 2017 to January 30, 2018. Invoice No. INV97440.
MARC USA		62,322.01	Professional Services Re: Alcosan Task 1 Research & Planning, Service Authorization No. 264, for the Month of January 2017. Invoice No. 036380 Dated February 6, 2017.
Masco Construction	185,929.25		New Vehicle Maintenance Facility-General, Contract No. 16426, Estimate No. 17.

ALCOBAN PAYABLES EXCEEDING \$10,000.00 FROM FEBRUARY 14, 2017 THROUGH MARCH 10, 2017

INVOICES OVER \$18,500.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Polydyne, Inc.		29,971.00	Furnish and Deliver Polymers per Contract No. 1636. Invoice No. 1113299 Dated February 9, 2017.
Polydyne, Inc.		31,365.00	Furnish and Deliver Polymers per Contract No. 1636. Invoice No. 1119061 Dated March 2, 2017.
Redzone Robotics	113,077.79		CCTV Inspection, Regionalization Contract Two, Contract No. 1661, Estimate No. 4.
Robinson Pipe Cleaning Co.	75,807.15		CCTV Inspection of Municipal Trunk Line, Contract No. 1646, Estimate No. 7.
Schneider Electric	28,925.00		Camera System Upgrades as per CoStars Contract No. 008-198. Invoice No. 614472/633974 Dated January 26, 2017.
Simakas Co., Inc.	221,931.90		Replacement of Incinerator Tube Bundles, Contract No. 1664, Estimate No. 2.
Simakas Co., Inc.	18,640.42		Replacement of Fluid Bed Incinerator #2 Manifold, Contract No. 1669, Estimate No. 2.

ALCOSAN PAYABLES EXCEEDING \$10,000.00 FROM FEBRUARY 14, 2017 THROUGH MARCH 10, 2017

INVOICES OVER \$18,500.00

CAPITAL      OPERATING      DESCRIPTION

Synagro Central	131,303.64	Sludge Application Fee for the Month of January 2017. Invoice No. 20-128962 Dated January 31, 2017.
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ALCOSAN PAYABLES EXCEEDING \$10,000.00 FROM FEBRUARY 14, 2017 THROUGH MARCH 10, 2017

INVOICES FROM \$10,000 TO \$18,500.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Babst, Cailand, Clements Zomnir		17,238.89	Professional Services Re: Sheraden Park, Operations and Maintenance, Wet Weather Plan Development, Finance & Administration and Environmental Compliance-General Matters for the Month of February 2017. Invoice Nos. 1226475-1226479.
Bronder Technical Services	11,556.00		Deminerlization System Upgrade - Electrical, Contract No. 1657E, Estimate No. 1.
Burke & Michael	11,444.78		Furnish and Install Office Furniture for the New Vehicle Maintenance Facility, as per State Contract No. 440009782/CoStars No. 35-094. Invoice No. B-1757 Dated February 28, 2017.
Linko Technology		11,400.00	Club Linko - Annual Software Maintenance and Support Plan for the Period of February 1, 2017 through January 31, 2018. Invoice No. 4985.
Waste Management		15,485.47	Ash and Sludge Disposal for the Month of January 2017. Invoice No. 0031005-0069-7 Dated February 1, 2017



UTILITY INVOICES EXCEEDING \$10,000 PAID DURING THE PERIOD OF FEBRUARY 14, 2017 THROUGH MARCH 10, 2017

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Duquesne Light Co.		442,774.50	Electrical Service, 3300 Preble Avenue - January 25 to February 22, 2017. Account No. 8737850000.
Pittsburgh Water and Sewer Authority		18,466.06	Water Service, Treatment Plant, 3300 Preble Avenue for the Month of January 2017. Account No. 5078223-1003133.
Pittsburgh Water and Sewer Authority		32,148.49	Water Service, Treatment Plant, 3300 Preble Avenue for the Month of January 2017. Account No. 5078224-1000652.
Pittsburgh Water and Sewer Authority		23,446.22	Water Service, Treatment Plant, 3300 Preble Avenue for the Month of January 2017. Account No. 5078225-1000651.

TOTAL            3,448,606.08    852,987.59

**BID TABULATION****CONTRACT NO. 1673****EVAPORATOR TUBE BUNDLE REPLACEMENT INCINERATOR NO. "2"****BID OPENING, FRIDAY, MARCH 17, 2017 @ 10:00 A.M.**

<b><u>COMPANY NAME</u></b>	<b><u>TOTAL BASE BID</u></b>
<b>SIMAKAS COMPANY, INC.</b>	<b>\$ 249,734.00</b>

WITNESS: George AllenWITNESS: Stacey Taylor

## **AUTHORIZATION OF PROJECTS FOR ADVERTISEMENT**

### Contract No. 1659A. "Annual Interceptor Cleaning Contract"

This contract will provide for cleaning and post-cleaning CCTV inspections with bypass-pumping of 20,000 LF of 24-54" interceptor pipes in the ALCOSAN Chartiers Creek basin. This contract is a re-bid of Contract 1659 original advertised in 2016. The timing of the contract is improved and was adapted with more specific bid items.

### Contract No. 1675. "M-29 Outfall Improvements"

The contract includes improvements to the M-29 Outfall at Four Mile Run. This contract proposes rehabilitation of the existing large diameter pipe using a cementitious liner and lowering of the weir and installation of a flap gate at the river's edge.

### Contract No. 1676. "Purchase of Chain for Bar Racks and Grit Tanks."

This contract is for purchasing chain that is used in the six trains of bar screen equipment and in the mechanical grit collection equipment in four of the six grit tanks at the Headworks of the plant.