

AGENDA
REGULAR MEETING OF THE BOARD OF THE
ALLEGHENY COUNTY SANITARY AUTHORITY
THURSDAY, JUNE 23, 2022

- I. **Roll Call**
Pledge of Allegiance

- II. **Informational Items**
 - A. Public Comment

 - B. Report on 2022 Operating Costs and Revenues compared to the budget as per attached: **Exhibit A** – Karen Fantoni

 - C. WWTP Expansion Cost Report as per attached: **Exhibit B** – Kim Kennedy

 - D. North End Plant Expansion Construction Update – Kim Kennedy

 - E. 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 C**
 - 1. No. 1, under Contract 1735-H, “ALCOSAN Parking Garage” from Gunning, Inc., for the amount of \$2,205.00. These costs are associated with the addition of a condensate pump and drain piping. The original amount of the contract was \$51,602.00. The current value of the contract including this change order is \$53,807.00.

- III. **Action Items**
 - A. Approval of the minutes of the Regular Board Meeting of May 19, 2022.

 - B. Consider authorizing payment of invoices in excess of \$20,100.00 proceed during the period of May 10, 2022, through June 15, 2022, and review the summary report of expenses in excess of \$20,900.00 processed during the same period as per attached: **Exhibit D**

 - C. Motion to approve the following contracts:
 - 1. Contract No. 1766 “Furnish and Deliver Sulfuric Acid” to SAL Chemical Company, Inc. at the price of \$0.41, per pound. Bids received are indicated on: **Exhibit E**

- D. Motion to authorize the preparation of specifications and advertisement for bids for the following contracts: **Exhibit F**
1. Contract No. 1769 "Bulk Purchase of Supplemental Carbon Food Source"
 2. Contract No. 1770, "Various Improvements to the Ella Street and Corliss Pump Stations"
- E. Motion to approve the following change orders that exceed \$30,000.00 in value or whose cumulative total value with previously approved change orders is greater than five percent of the original contract amount: **Exhibit G**
1. No. 11, under Contract 1723-G, "North End Facilities" from Mascaro Construction Company, Inc., for the amount of \$3,355,321.00. These costs are associated with excavation, handling, hauling and soil disposal classified as Residual Waste below the initial cut and additional rock excavation and stone subbase costs in the area of the chlorine contact tank. The original amount of the contract was \$94,124,350.00. The current value of the contract including this change order is \$108,380,503.42.
 2. No. 4, under Contract 1735-G, "ALCOSAN Parking Garage," from Mike Coates Construction Co., for the amount of \$40,393.00. These costs are associated with parking striping revisions and the addition of signage for parking space numbering. The original amount of the contract was \$10,221,843.05. The current value of the contract including this change order is \$10,504,609.79.
- F. Motion to approve modification of Service Authorization 274 for GAI Consultants to provide additional engineering support services during the on-going stack testing for an amount not to exceed \$43,525.00.
- G. Motion to approve modification of Services Authorization 325 for ADS Environmental, under the agreement for Professional Services, for an additional six (6) month no cost extension of services, to continue to provide services for the Municipal Source Reduction Program.
- H. Motion to approve modification of Service Authorization 361 for GHD for work associated with additional design tasks required for the CSO Bypass and Disinfection project for an amount not to exceed \$274,005.00.
- I. Motion to approve the purchase of licenses required for the migration of JD Edwards from World to Enterprise One.

- J. Motion to modify the Grant Agreements for the Green Revitalization of Our Waterways (GROW) Program by extending the Term of the Contract: Exhibit H
- K. Motion to adopt Amendment No. 4 to the Pension Plan for Employees of Allegheny County Sanitary Authority (the "Pension Plan") in the form presented to the Board in order to align the plan with language of the Collective Bargaining Agreement.
- L. Motion to adopt Resolution 2022-06-01 retaining an investment banking team to underwrite bonds for the potential refinancing of outstanding 2013 Series debt in order to achieve significant interest rate savings and to issue additional bond proceeds under the Sewer Revenue Bonds, Series 2022. The additional proceeds will be used for the continued financing of the Authority's Capital Improvement Program.
- M. Motion to adopt Bond Resolution 2022-06-02 Dated June 25th authorizing the Authority to issue its Sewer Revenue Bonds, Series 2022. Proceeds from the Bonds will be used for continued financing of the Authority's Capital Improvement Program and depending on existing market conditions may be used to refinance outstanding 2013 Bonds.
- N. Motion to adopt Resolution No. 2022-06-03 authorizing payments in the amounts of Four Hundred Fifty-Two Thousand Six Hundred and 00/100 Dollars (\$452,600) to purchase a certain 0.917 acres of land; and One Hundred Seventeen Thousand Five Hundred and 00/100 Dollars (\$117,500) to acquire a temporary construction easement of 0.783 acres, both being parts of Block and Lot Nos. 75-R-275 in the City of Pittsburgh, 27th Ward, now or formerly owned by Engineered Polymer Solutions, Inc.

IV. New Business

V. Adjournment (Next meeting: July 28, 2022)

CURRENT EXPENSES

	PERCENT OF ANNUAL BUDGET USED			
	JANUARY 1, 2022	THRU	MAY 31, 2022	TO DATE
	ANNUAL APPROPRIATION	APPROPRIATIONS	EXPENDITURES	BALANCE
INTERCEPTOR MAINTENANCE	\$12,227,100	\$5,094,625	\$1,962,292	\$3,132,333
PLANT OPERATIONS	25,857,700	10,774,042	9,662,971	1,111,071
ENVIRONMENTAL COMPLIANCE	5,405,900	2,252,458	1,636,190	616,268
CUSTOMER SERVICE & BILLING	3,824,200	1,593,417	1,773,277	-179,860
MANAGEMENT INFORMATION SERVICE	3,562,600	1,484,417	1,544,576	-60,159
PLANT MAINTENANCE	10,336,800	4,307,000	4,049,991	257,009
ADMINISTRATION AND ENGINEERING	15,729,600	6,554,000	5,219,162	1,334,838
PROFESSIONAL	1,165,000	485,417	211,449	273,968
EMPLOYEE BENEFITS	26,035,500	10,848,125	8,628,927	2,219,198
TOTAL ALL DEPARTMENTS	\$104,144,400	\$43,393,500	\$34,688,835	\$8,704,665
DEBT SERVICE (AMORTIZED) rev for rfnd	60,916,300	\$25,381,792	\$25,381,792	\$0
	\$165,060,700	\$68,775,292	\$60,070,627	\$8,704,665
				36.4%

CURRENT REVENUES

	PERCENT OF ANNUAL PROJECTION RECEIVED TO DATE			
	ANNUAL PROJECTION	JANUARY 1, 2022 PROJECTIONS	THRU ACTUAL	MAY 31, 2022 EXCESS
CURRENT REVENUES	\$192,878,300	\$81,745,020	\$81,640,502	42.3%
			-\$104,518	

PERCENT OF YEAR EXPIRED

41.7%

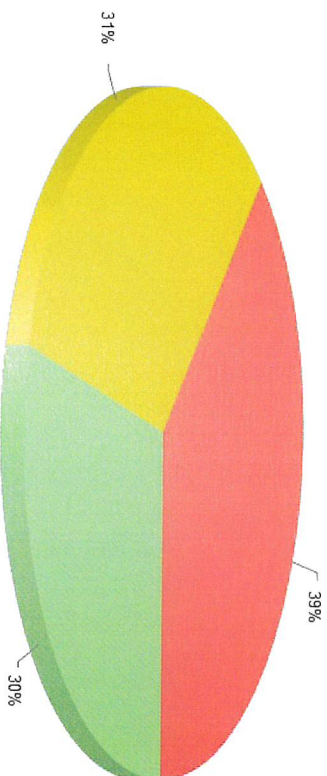


Run Date: 06/20/2022

WWTP Expansion Project Construction Cost Summary (Board)

Name	Original Contract Award	Approved Change Orders	Current Contract Amount	Potential Change Orders	Projected Contract Value	Change Order Percent	Value of Work Completed	Percent Complete
WWTP Expansion								
Demolition of Old Operation and Maintenance Facility	\$160,520	\$0	\$160,520	\$0	\$160,520	0.0%	\$160,520	100.0%
Main Pumping Station Upgrade	\$22,409,500	\$201,103	\$22,610,603	\$0	\$22,610,603	0.9%	\$22,610,603	100.0%
Main Pump Station Flow Meters and Access Platform	\$2,580,500	\$102,372	\$2,682,872	\$0	\$2,682,872	4.0%	\$2,677,872	99.8%
Temporary Hypochlorite Storage and Feed System	\$775,700	\$46,120	\$821,820	\$0	\$821,820	5.9%	\$811,655	98.8%
Temporary Primary Disinfection	\$502,000	\$0	\$502,000	\$0	\$502,000	0.0%	\$402,705	80.2%
Return Activated Sludge (RAS) Pipe and RAS Pump Replacement	\$19,219,850	\$284,464	\$19,504,314	\$62,466	\$19,566,780	1.8%	\$14,517,136	74.2%
North End Facilities	\$100,293,905	\$10,926,066	\$111,219,971	\$3,356,021	\$114,575,992	14.2%	\$48,763,771	42.6%
Electrical Distribution System Upgrade	\$12,034,000	\$222,717	\$12,256,717	\$0	\$12,256,717	1.9%	\$3,535,331	28.8%
East Headworks	\$87,091,915	\$628,939	\$87,720,854	\$257,164	\$87,978,018	1.0%	\$19,733,349	22.4%
CSO Bypass and Disinfection	\$0	\$0	\$0	\$0	\$0	0.0%	\$0	0.0%
Effluent Flushing Water System Improvements Project	\$0	\$0	\$0	\$0	\$0	0.0%	\$0	0.0%
Primary Sedimentation Tanks E-4 and E-5	\$0	\$0	\$0	\$0	\$0	0.0%	\$0	0.0%
Solids Thickening and Dewatering Improvements	\$0	\$0	\$0	\$0	\$0	0.0%	\$0	0.0%
Grand Total:	\$245,067,890	\$12,411,781	\$257,479,671	\$3,675,651	\$261,155,322	6.6%	\$113,212,941	43.4%

WWTP Expansion Program Status



Value of Work Remaining on Existing Contracts
 Value of Contracts Not Awarded
 Value of Work Completed

Change Order Exhibit

Allegheny County Sanitary

Contract No.: 1735H	Change Order Number: 1735H-CO-001
Project Name: ALCOSAN Parking Garage	Date Issued:
Contractor: Gunning, Inc.	

PCO: PCO - 00014 Split System Condensate Drainage	Value of Change: \$2,205.00
Description of Change: Provide a condensate pump (basis of design: Little Giant VCMA-15ULS) and route drain piping to floor drain located at column line A11. Provide with air gap. Relocate FCU-2 above the door in room 108 in an effort to save wall space. Route refrigerant piping to CU-2 on exterior side of the wall.	
Reason for Change: To provide mechanical condensate discharge method and routing for the CU-2/FCU-2 split system. located in the elevator room 108.	

Total Add/<Deduction>:	\$2,205.00
	0 Calendar Days

Construction Manager, G. Stephens, Inc.

**MINUTES
REGULAR MEETING OF THE BOARD OF THE
ALLEGHENY COUNTY SANITARY AUTHORITY
THURSDAY, MAY 19, 2022**

The meeting was called to order at 4:30 p.m. in the office of the Authority, 3300 Preble Avenue, Pittsburgh, Pennsylvania. Those participating were Board Members: Ms. Sylvia Wilson, Representative Emily Kinkead and Messrs. Harry Readshaw, Paul Klein; Dr. Shannah Tharp-Gilliam and Corey O'Connor via Zoom, and; Jack Shea was absent. Also participating were Ms. Williams, Ms. Kennedy, Ms. Clark, Ms. Buys, Ms. Fantoni, Ms. Motley-Williams and Ms. Thomas, Messrs. Mike Lichte, Douglas Jackson and Joseph Vallarian (Authority staff). Max Junker (Babst Calland),

Everyone stood for the Pledge of Allegiance.

There is no public comment.

An Executive Session was held this afternoon at approximately 3:30 p.m. to discuss pending legal issues (*Note: votes are never taken during the Executive Session*).

Ms. Karen Fantoni, Director of Finance, presented the status report on the Operating Costs and Revenues compared to the budget of the Authority, as of the end of April, we are through approximately 33.3% of the year. Since that time, we have expended 29% of our Operating budget, and we have collected 35% of our Operating revenues. The Authority continues to operate in a sound fiscal manner.

Ms. Kimberly Kennedy, Director of Engineering and Construction, presented a status report on the 2022 Capital Budget Status Report. Through May 19th, we have spent over \$48,000,000.00. The bulk has gone on the Plant projects. The parking garage is under the existing plant projects and making progress on the Ohio River Tunnel design. The S-466, CSO Bypass and Disinfection, is ready to go for bid. In a couple of weeks, we will have a recommendation for the Board.

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

1. No.2 (Final), under Contract 1719, "Miscellaneous Sewer Improvements at Various Locations", from A Merante Contracting Inc., for a credit in the amount of \$33,995.75. The overall credit is to reconcile the bid quantities with the actual installed quantities for final payment. A total of 113 calendar days were added to the contract period due to delays in procuring the flap gate for C-27 and completing this installation. The original time for the contract was 180 calendar days and the amount of the Contract was \$389,400.00. The final time for the contract is 293 calendar days and the final value of the contract including this change order is \$373,317.75.

was \$389,400.00. The final time for the contract is 293 calendar days and the final value of the contract including this change order is \$373,317.75.

2. No. 2, under Contract 1735-P, "ALCOSAN Parking Garage", from W.G. Tomko Inc., for the amount of \$404.07. This work associated with this cost will add a drain valve to the lowest point of the hose bib system to assist in winterizing the pipes to prevent freezing. The original amount of the contract was \$182,222.00. The current value of the contract including this change order is \$191,101.48.
3. No. 1, under Contract 1735-P, "ALCOSAN Parking Garage", from Bronder Technical Services, for a credit in the amount of \$13,197.90. This change order includes a special order to have manhole identification cast into the cover, addition of a sump pump control panel for a sump pump added under the G contract during a code review, and a credit for simplifying the routing and installation of a cable tray. The original amount of the contract was \$1,149,217.00. The current value of the contract including this change order is \$1,136,019.10.

Upon motion of Mr. Readshaw, seconded by Mr. O'Connor, the Board approved the minutes of the Regular Board Meeting of May 19, 2022.

Upon motion of Representative Kinhead, seconded by Dr. Tharp-Gilliam, the Board authorized payment of invoices in excess of \$20,100.00 processed during the period of April 19, 2022, to May 9, 2022, and reviewed the summary report of expenses in excess of \$10,900.00 processed during the same period, a copy of which will be made part of these minutes.

Upon motion of Mr. Readshaw, seconded by Mr. O'Connor, the Board approved to reject Bid:

1. Contract 1744, "Chartiers Creek Ohio Junction Access Shaft Improvements"

Upon motion of Dr. Tharp-Gilliam, seconded by Representative Kinhead, the Board authorized to award the following contract:

1. Contract No. 1744A, Chartiers Creek-Ohio Junction Access Shaft Improvements
2. Contract No. 1766, "Furnish and Deliver Sulfuric Acid"
3. Contract No. 1767, "Furnish and Deliver Sodium Bisulfite"
4. Contract No. 1768, "Furnish and Deliver Chemicals and Technical Service for Treatment of Boiler Water, Steam and Condensate"

Upon motion of Representative Kinhead, seconded by Mr. Readshaw, the Board approved the following contract:

1. Contract No. 1756 "Shallow Cut Interceptor Inspection," to Redzone Robotics, Inc., at the price of \$2,058,730.00. Bids received are indicated on **Exhibit F**

Upon motion of Mr. O'Connor, seconded by Representative Kinhead, the Board approved the

following change orders that exceed \$30,000.00 in value or whose cumulative total value with previously approved change orders is greater than five percent of the original contract amount:

Exhibit G

1. No. 2, under Contract 1739-E, "Electrical Distribution System Upgrade," from Sargent Electric Company, for the amount of \$100,388.00. These costs are associated with required Fiber and Phone cable additions and modifications. The original amount of the contract was \$9,490,000.00. The current value of the contract including this change order is \$9,655,816.80.
2. No. 1, under Contract 1739-G, "Electrical Distribution System Upgrade," from Kokosing Industrial Inc., for the amount of \$56,900.00. These costs are associated with additional erosion and sediment control measures, including plant-wide street sweeping and installation of additional stone to prevent mud from leaving the plant onto public roads. The original amount of the contract was \$2,544,000.00. The current value of the contract including this change order is \$2,600,900.00.
3. No. 3, under Contract 1735-G, "ALCOSAN Parking Garage," from Mike Coates Construction Co., for the amount of \$22,019.76. These costs are for the addition of a sump pump to the elevator pit to address a code review comment, a credit for elimination of demolition of an existing water line, and modifications to the garage facade for safety and constructability issues. The original amount of the contract was \$10,221,843.05. The current value of the contract including this change order is \$10,423,825.67.
4. No. 10, under Contract 1723-G, "North End Facilities," from Mascaro Construction Company, Inc., for the amount of \$1,300,000.00. During excavation for the Chlorine Contact Tank, an area in the tank was discovered to have previously unknown buried timbers and rock cobbles that could not be drilled through as designed by an Auger Cast drill method. It was determined a Micro-Pile Installation was necessary in lieu of Auger Cast Piles. The original amount of the contract was \$94,124,350.00. The current value of the contract including this change order is \$105,025,182.42.
5. No. 1, under Contract 1749, "Primary Tanks Concrete Deck Sealing", from Nathan Contracting, in the amount of \$61,035.00. These costs are associated with additional deck caulking, curb caulking, and column footer repairs to material that had reached the end of its useful life that were identified after deep power washing of the concrete decking. The original amount of the contract was \$114,888.00. The current value of the contract including this change order is \$175,923.00.

The items denoted with an asterisk () were reviewed by the Professional Services Committee at a publicly advertised meeting on June 17, 2021. The Committee unanimously approved and recommended that these items be submitted to the Board.*

*Upon motion of Representative Kinkad, seconded by Mr. Readshaw, the Board approved the following Service Authorizations for Professional Consultants. Assignment is based on consultants' past efforts, knowledge and understanding of the tasks involved and the availability of the consultant's staff to perform the tasks in the time required:

1. For DLZ under the agreement for Engineering Consultant Services, for an amount not to exceed \$350,250.00 to conduct construction management on Contract 1756: Shallow Cut Interceptor Inspection
2. For Hatch under the agreement for Retained Engineer, for an amount not to exceed \$60,840.00 for Misc. Structural Engineering Support Services

*Upon motion of Mr. Readshaw and seconded by Representative Kinkad, the Board approved the modification of Service Authorization 295 for Arcadis to continue as Program Manager for the Plant Expansion for an amount not to exceed \$9,197,480.00.

*Upon motion of Representative Kinkad, and seconded by Dr. Tharp-Gilliam, the Board approved the modification of Service Authorization 342 for Hatch to continue as ALCOSAN's Retained Engineer through August 31, 2023.

*Upon motion of Representative Kinkad and seconded by Mr. Readshaw, the Board approved the modification of Service Authorization 264 for 9RoofTops (MARC USA) to continue assisting the Governmental Affairs Division creating and maintaining a Customer Relationship Management system and the Municipal Data Site. This modification is not to exceed \$187,033.00 and extends the schedule through December 23, 2023.

Upon motion of Representative Kinkad, and seconded by Mr. Readshaw, the Board approved to adopt Resolution No. 2022-05-01 authorizing the Executive Director to execute a Data Use Agreement with the Allegheny County Health Department, Carnegie Mellon University, McCandless Township Sanitary Authority, and Indiana Borough regarding the collection, testing, and publication of wastewater data to assist in Allegheny County's COVID-19 mitigation efforts.

Before the conclusion of the meeting, Board member Representative Emily Kinkad, presented ALCOSAN an Award of Excellence from Allegheny County League of Municipalities Board. This acknowledgement from ALOM for is to recognize ALCOSAN'S "Outstanding commitment to Professional Development, Proven Fiscal Management, transparency, Accountability and Proactive communication to engage community stakeholders.

On behalf of the ALCOSAN staff, Ms. Arletta Williams, thanked the Board for all of their support, that allows ALCOSAN, us to do the work we are awarded for.

The next Board of Directors Meeting will be held on June 23, 2022.

There being no further business, the meeting adjourned at approximately 5:15 p.m.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM MAY 10, 2022 THROUGH JUNE 15, 2022INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
3 Rivers Wet Weather		80,063.73	Professional Services Re: Provide Support Services for Regional Wet Weather Planning Compliance, Service Authorization No. 318, for the Month of May 2022. Invoice No. 5312022 Dated June 1, 2022.
9Rooftops Marketing		45,240.25	Professional Services Re: Alcosan Task 1 Research & Planning, Service Authorization No. 264, for the Month of April 2022 . Invoice No. 24743 Dated May 6, 2022.
9Rooftops Marketing		70,165.00	Professional Services Re: Alcosan Task 1 Research & Planning, Service Authorization No. 264, for the Month of May 2022 . Invoice No. 25272 Dated July 9, 2022.
ADS Environmental Services	51,600.00		Professional Services Re: Municipal Source Control Program, Flow Monitoring and Flow Isolation Study, Service Authorization No. 325, for the Period of March-April 2022. Invoice No. 35273-0422B Dated April 22, 2022.
AECOM Technical Services	141,011.01		Professional Services Re: Alcosan Regionalization Analysis and Implementation, Service Authorization No. 299, for the Period of February 19 to March 25, 2022. Invoice No.56/2000631794 Dated June 6, 2022.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM MAY 10, 2022 THROUGH JUNE 15, 2022

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Andrews Technology		20,824.00	Novatime Time & Attendance System. Annual Software Charge and Maintenance Fee for the Period of August 1, 2022 through July 31, 2023. Invoice No. ALCO115 Dated June 15, 2022.
Arcadis	100,029.07		Professional Services Re: Wet Weather Plant Expansion, Service Authorization No. 295, for the Period Ending May 22, 2022. Invoice No. 34300956 Dated June 1, 2022.
Bronder Technical	28,350.00		North End Plant Expansion-Electrical, Contract No. 1723E, Estimate No. 4.
Bronder Technical	64,581.19		Alcosan Parking Garage-Electrical, Contract No. 1735E, Estimate No. 5.
Burch Hydro, Inc.		148,153.85	Biosolids Management Services for the Month of May 2022. Invoice No. 2122 Dated May 31, 2022.
CDM Smith	223,471.23		Professional Services Re: Wet Weather Program Management and Engineering Support Services, Service Authorization No. 289, for the Period of April 10 to May 14, 2022. Invoice No. 90152454 Dated May 25, 2022.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM MAY 10, 2022 THROUGH JUNE 15, 2022

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Corbett, Inc.	50,338.65		Furnish and Install Three (3) New Modular Offices for the Human Resource Department. Invoice No. 11392 Dated May 20, 2022.
First Student	36,875.50		Shuttle Service Provided for Employee Parking Covering the Period of March 20 to April 20, 2022 as per Contract No. 1740. Invoice No. 80501877-80501878 Dated May 18, 2022.
G. Stephens, Inc.	58,769.61		Professional Services Re: Alcosan New Laboratory, Industrial Waste and Garage, Service Authorization No. 353, for the Month of April 2022. Invoice No. 7075 Dated June 2, 2022.
GHD, Inc.	146,616.67		Professional Services Re: Alcosan CSO Bypass and Disinfection, Service Authorization No. 361, for the Period Ending April 30, 2022. Invoice No. 380-0013081 Dated May 6, 2022.
Grant Thornton	289,285.72		Upgrades to the JD Edwards System, Service Authorization No. 378. Invoice No. GPS-514037 Dated June 10, 2022.
Hanna Langholz Wilson Ellis	25,002.81		Professional Services Re: Property and Right of Way Acquisition, Service Authorization No. 316, for the Period Ending April 30, 2022. Invoice No. 36H Dated May 13, 2022.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM MAY 10, 2022 THROUGH JUNE 15, 2022

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
HDR Engineering	53,682.09		Professional Services Re: North End Facilities New Outfall and Disinfection Facility and New Secondary Clarifiers, Service Authorization No. 322, for the Period of March 27 to April 23, 2022. Invoice No. 1200427178/35 Dated April 28, 2022.
HDR Engineering	27,927.98		Professional Services Re: RAS Pipe and RAS Pump Replacement, Service Authorization No. 335, for the Period of March 27 through April 23, 2022. Invoice No. 1200427179/27 Dated June 7, 2022.
Jacobs Engineering	218,572.78		Professional Services Re: Tunnel Program Management, Service Authorization No. 365, for the Month of March 2022. Invoice No. E3X54300-014 Dated April 21, 2022.
Jacobs Engineering	234,012.92		Professional Services Re: Tunnel Program Management, Service Authorization No. 365, for the Period of March 25 through April 29, 2022. Invoice No. E3X54300-015 Dated May 24, 2022.
Kokosing	424,412.20		RAS Pump and Pipe Replacement. Contract No. 17286, Estimate No. 16.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM MAY 10, 2022 THROUGH JUNE 15, 2022

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Kokosing	150,876.00		Electrical Distributions System Upgrades - General. Contract No. 1739G, Estimate No. 5.
Mascaro Construction	4,800,938.01		North End Plant Expansion-General, Contract No. 1723G, Estimate No. 20.
Michael Baker	338,836.24		Professional Services Re: Wet Weather Plant Expansion, Service Authorization No. 319, for the Period of April 4 through May 1, 2022. Invoice No. 1147883 Dated May 20, 2022.
Mike Coates Construction Co.	885,477.00		Alcosan Parking Garage-General. Contract No. 1735G, Estimate No. 8.
Mott MacDonald	367,841.12		Professional Services Re: Ohio River Final Tunnel Design, Service Authorization No. 373 for the Month of January 2022. Invoice No. 507449648 Dated March 25, 2022.
Mott MacDonald	419,774.00		Professional Services Re: Ohio River Final Tunnel Design, Service Authorization No. 373 for the Month of February 2022. Invoice No. 507451219 Dated May 9, 2022.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM MAY 10, 2022 THROUGH JUNE 15, 2022

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
MS Consultants	22,171.09		Professional Services Re: Homestead Transforming 12 th Avenue, Service Authorization No. 354, for the Period Ending April 3, 2022. Invoice No. 61-44054-00-15 Dated April 29, 2022.
P. J. Dick, Inc.	1,630,558.98		East Headworks Project-General. Contract No. 1726G, Estimate No. 10.
Polydyne, Inc.		49,450.00	Furnish and Deliver Polymers Per Contract No. 1692. Invoice No. 1644720 Dated May 27, 2022.
SAK Construction	456,103.53		CIPP Rehabilitation of the Lower Saw Mill Run Interceptor, Contract No. 1725A, Estimate No. 6.
SAK Construction	1,151,032.64		CIPP Rehabilitation of the Lower Saw Mill Run Interceptor, Contract No. 1725A, Estimate No. 7.
Sargent Electric Co.	300,018.26		Electrical Distribution System Upgrades-Electrical. Contract No. 1739E, Estimate No. 6.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM MAY 10, 2022 THROUGH JUNE 15, 2022

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Shiloh Industrial Contractors, Inc.	265,837.68		Aeration Tank Diffuser Replacement. Contract No. 1733, Estimate No. 9.
T2 Utility Engineers		56,551.01	Professional Services Re: Alcosan Utility Locating Services, Service Authorization No. 370, for the Period Ending April 1, 2022. Invoice No. 608705 Dated May 16, 2022.
Whitman, Requardt & Associates	50,405.88		Professional Services Re: Alcosan New East Headworks Facility, Service Authorization No. 329, for the Period of April 10 through May 7, 2022. Invoice No. 37-14430.000 Dated May 31, 2022.
Whitman, Requardt & Associates	66,613.51		Professional Services Re: Alcosan New East Headworks Facility, Service Authorization No. 329, for the Period of March 13 through April 9, 2022. Invoice No. 36-14430.000 Dated May 2, 2022.
Whitmoyer Auto Group	23,600.00		Furnish and Deliver One (1) 2022 Ford Escape, as per CoStars Contract #026-053. Invoice No. FW6764 Dated May 18, 2022.
Whitmoyer Auto Group	23,600.00		Furnish and Deliver One (1) 2022 Ford Escape, as per CoStars Contract #026-053. Invoice No. FW7417 Dated May 18, 2022.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM MAY 10, 2022 THROUGH JUNE 15, 2022

INVOICES FROM \$10,900.00 TO \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
ADS Environmental Services	12,175.00		Professional Services Re: Municipal Source Control Program, Flow Monitoring and Flow Isolation Study, Service Authorization No. 325, for the Month of April 2022. Invoice No. 35273-0522 Dated May 11, 2022.
AE Works	15,788.06		Professional Services Re: Laboratory/Industrial Waste Facility and Parking Garage Design, Service Authorization No. 350, for the Period of April 24 through May 28, 2022. Invoice No. ALCO-002-29 Dated May 31, 2022.
A Merante Contracting	18,665.89		Miscellaneous Sewer Improvements at Various Locations. Contract No. 17196, Estimate No. 6 and Final.
Chalmers & Kubeck		11,552.00	Furnish and Deliver One (1) Steam Non-return Valve for the ERF. Invoice No. 0254312-IN Dated May 19, 2022.
Greer Industries		13,021.20	Furnish and Deliver Pebble Lime as per Contract No. 1701. Invoice No. 649916 Dated May 13, 2022.
Kokosing	12,800.00		Temporary Sodium Hypochlorite Storage and Feed System-General. Contract No. 1715-6, Estimate No. 6 and Final.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM MAY 10, 2022 THROUGH JUNE 15, 2022

INVOICES FROM \$10,900.00 TO \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Kokosing	12,154.30		Temporary Primary Disinfection. Contract No. 1747, Estimate No. 4.
Komline-Sanderson		14,801.72	Furnish and Deliver Parts Necessary for Repairs to the No. 4 Dewatering Feed Pump. Invoice No. 42053387 Dated May 18, 2022.
Quad Three Group	20,032.48		Professional Services Re: Electrical Distribution System Upgrade, Service Authorization No. 324, for the Period Ending May 31, 2022. Invoice No. 0017 Dated June 6, 2022.
Waste Management		11,094.76	Disposal of Sludge and Ash for the Period of May 16 through May 31, 2022. Invoice No. 0040425-0069-6 Dated May 2, 2022.

UTILITY INVOICES EXCEEDING \$10,900.00 PAID DURING THE PERIOD OF MAY 10, 2022 THRU JUNE 15, 2022

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Direct Energy		62,126.24	Natural Gas Commodity Charges for the Month of April 2022. Invoice No. HS23044214. Account 737446-81920.
Duquesne Light Co.		471,528.96	Electrical Service, 3300 Preble Avenue, April 25 to May 27, 2022. Account No. 8737-850-000.
Peoples Natural Gas		21,450.18	Gas Service Agreement, 3285 Preble Avenue - April 29 to May 31, 2022 - Meter No. 617077.
Pittsburgh Water & Sewer Authority		34,098.60	Water Service, Treatment Plant, 3285 Preble Avenue for the Month of May 2022. Account No. 5078222-1000581.
Pittsburgh Water & Sewer Authority		31,035.43	Water Service, Treatment Plant, 3300 Preble Avenue for the Month of April 2022. Account No. 5078224-1000652.
Pittsburgh Water & Sewer Authority		34,583.76	Water Service, Treatment Plant, 3300 Preble Avenue for the Month of April 2022. Account No. 5130483-1184246.
TOTAL	13,219,839.1	1,175,740.41	

TABULATION OF BIDS

CONTRACT NO. 1766

FURNISH AND DELIVER
SULFURIC ACID

(BID OPENING ON THURSDAY, JUNE 9, 2022, AT 11:00 A. M.)

COMPANY

PRICE PER POUND

SAL CHEMICAL

\$0.41

WITNESS:

James P. Priaturski

WITNESS:

Kay Lynn Burt

Previous Contract No. 1731:

Awarded on July 23, 2020 to Sal Chemical,
High Purity Grade at \$0.16/per lb.

AUTHORIZATION OF CONTRACTS FOR ADVERTISEMENT

1. Contract No. 1769, "Bulk Purchase of Supplemental Carbon Food Source"

This contract is for the purchase and delivery of a carbon food source in preparation for an upcoming plant process shutdown. The shutdown is required to advance the construction of the North End Plant Expansion. The carbon food source will be applied to ALCOSAN's aeration tanks to keep the microorganisms alive for the duration of the outage.

2. Contract No. 1770, "Various Improvements to the Ella Street and Corliss Pump Stations"

This contract will perform work at both the Ella Street and Corliss Pump Stations. Work at Ella Street includes furnishing and installing new variable frequency pump drives, replacing submersible sanitary pumps, storm pump motors, mechanical screening equipment and installing a new discharge sewer. In addition, work at the Corliss Pump Station will include roof replacement along with the installation of new internal piping, HVAC equipment and a new permanent bypass pumping connection.

Change Order Exhibit

Allegheny County Sanitary Authority

Contract No.: 1723G	Change Order Number: 1723G-CO-011
Project Name: North End Facilities	Date Issued: 06.21.2022
Contractor: Mascaro Construction Company, LP	

<p>PCO: PCO - 00037 Excavation, Handling, Hauling and Soil Disposal classified as Residual Waste below the Initial Cut</p> <p>Description of Change: Excavation, handling, hauling, and disposal of soil classified as Residual Waste when excavated at the site below the initial cut elevation 716.00' +/-.</p> <p>Reason for Change: This work is a continuation of the Reason for Change described in PCO-010. Based upon Mascaro's reading and interpretation of the Contract Documents, including the specifications and addenda, Mascaro took the position that disposal of Residual Waste would be handled by force account (time and material plus typically 20% mark-up) and all soil excavation, handling, hauling, and disposal at the Project site included in the bid price was assumed to be clean fill. ALCOSAN originally took exception to Mascaro's interpretation of the Contract Documents and requested bid information from Mascaro for review as part of the dispute process. ALCOSAN's review of Mascaro's bid information verified that Mascaro did not include hauling and disposal of Residual Waste in its bid. Therefore, ALCOSAN and Mascaro re-negotiated a specified cost per ton of \$40.00/ton for excavation, handling, hauling, and disposal of Residual Waste for this continued work below the initial cut elevation of 716.00 +/-.</p>	<p>Value of Change: \$3,200,000.00</p>
<p>PCO: PCO - 00032 CCT Area Rock Excavation and 57 Aggregate</p> <p>Description of Change: In the Chlorine Contact Tank area where depth to rock is less than 5 feet, eliminate auger cast piles, remove rock and install compacted aggregate and geotextile material as shown in FI-31. This work will be tracked via force account in accordance with Addendum 6, Question 162 response.</p> <p>Reason for Change: Top of Rock elevation varies below the Chlorine Contact Tank. Contractor shall make exploratory probes during excavation to ensure that depth of rock is 5 feet or more below base slab for auger cast pile installation. If depth is less than 5 feet in the investigation area, then piles within the grid will be eliminated and the base slab will be supported on compacted aggregate bearing on rock. Exploratory probe investigation has determined that rock is less than 5 feet in some areas which required the removal of rock and installation of compacted aggregate as per the direction given in FI-31.</p>	<p>Value of Change: \$155,321.00</p>

Total Add/<Deduction>:	\$3,355,321.00
	0 Calendar Days

John DeSantis

Construction Manager, G. Stephens, Inc.

Change Order Exhibit

Allegheny County Sanitary Authority

Contract No.: 1735G	Change Order Number: 1735G-CO-004
Project Name: ALCOSAN Parking Garage	Date Issued:
Contractor: Mike Coates Construction Co	

PCO: PCO - 00017 Parking Restriping and Additional Signage	Value of Change:
Description of Change: Parking striping revisions for future use, and addition of signage for parking space numbering.	\$40,393.00
Reason for Change: Alcosan has requested revised spacing to 9'-3" and plans to reflect the future change of adding EV charging stations, which affects the parking layout once installed. The owner also has requested to have each parking space numbered for ease of assigning to workers.	

Total Add/<Deduction>:

\$40,393.00

0 Calendar Days

Mike Raig

Construction Manager, G. Stephens, Inc.

June 2022

EXHIBIT
H

Green Revitalization of Our Waterways (GROW) Grant Agreements to be amended

GROW ID #	Municipality or Municipal Authority	Project Name	Original End Date	Previously Amended End Date	Amended End Date
2016_01-028	PWSA	Larimer Park Green Infrastructure	5/1/2020	9/30/2021, 6/30/2022	12/31/2023
2016_01-033	PWSA	McKinley Park Green Infrastructure	6/30/2019	6/30/2020, 9/30/2021, 6/30/2022	12/31/2022
2017_01-018	Carnegie	Broadway Street Separation Project	2/1/2019	12/31/2019, 12/31/2021, 6/30/2022	12/31/2022
2017_01-022	Wilkinsburg	South Avenue Area Sewer Rehabilitation	4/1/2019	6/30/2020, 9/30/2021, 6/30/2022	6/30/2023
2019_01-036	PWSA	Maryland Avenue Green Infrastructure Project	7/31/2022		3/31/2024
2019_01-050	West Homestead	New 8th Avenue Sewer Improvements	12/31/2021	6/30/2022	9/30/2022
2020_01-020	Homestead	Hazel Way Sewer Separation project	12/31/2022		12/31/2023