

A G E N D A
REGULAR MEETING OF THE BOARD OF THE
ALLEGHENY COUNTY SANITARY AUTHORITY
THURSDAY, MAY 19, 2022

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

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

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

 - C. **2022 Capital Budget Status Report as per attached Exhibit B– Kim Kennedy**

 - 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 C**
 - 1. **No.2 (Final), under Contract 1719 G, “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.**

 - 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-E, “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.**

III. Action Items

- A. Approval of the minutes of the Regular Board Meeting of April 28, 2022.
- B. Consider authorizing payment of invoices in excess of \$20,100.00 processed during the period of April 19, 2022, to May 9, 2022, and review the summary report of expenses in excess of \$10,900.00 processed during the same period as per attached: Exhibit D
- C. Motion to reject all bids for Contract 1744, "Chartiers Creek Ohio Junction Access Shaft Improvements"
- D. Motion to authorize the preparation of specifications and advertisements for bids for the following contracts: Exhibit E
 - 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"
- E. Motion to approve the following contracts:
 - 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
- F. 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. 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-G, "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.

G. Motion to approve 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.

H. Motion to modify Service Authorization 295 for Arcadis to continue as Program Manager for the Plant Expansion for an amount not to exceed \$9,197,480.00.

I. Motion to modify Service Authorization 342 for Hatch to continue as ALCOSAN's Retained Engineer through August 31, 2023.

J. Motion to modify Service 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 for a total not to exceed of \$187,033.00 and extends the schedule through December 23, 2023.

- K. Motion 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.

IV. New Business

- V. Adjournment (Next meeting: June 23, 2022)

	CURRENT EXPENSES			PERCENT OF ANNUAL BUDGET USED TO DATE
	ANNUAL APPROPRIATION	JANUARY 1, 2022 APPROPRIATIONS	THRU EXPENDITURES	
INTERCEPTOR MAINTENANCE	\$12,227,100	\$4,075,700	\$1,557,628	12.7%
PLANT OPERATIONS	25,857,700	8,619,233	8,218,229	31.8%
ENVIRONMENTAL COMPLIANCE	5,405,900	1,801,967	1,328,813	24.6%
CUSTOMER SERVICE & BILLING	3,824,200	1,274,733	1,639,050	42.9%
MANAGEMENT INFORMATION SERVICE	3,562,600	1,187,533	1,281,013	36.0%
PLANT MAINTENANCE	10,336,800	3,445,600	3,352,101	32.4%
ADMINISTRATION AND ENGINEERING	15,729,600	5,243,200	3,314,697	21.1%
PROFESSIONAL	1,165,000	388,333	211,449	18.2%
EMPLOYEE BENEFITS	26,035,500	8,678,500	7,119,865	27.3%
TOTAL ALL DEPARTMENTS	\$104,144,400	\$34,714,800	\$28,022,845	26.9%
DEBT SERVICE (AMORTIZED) rev for rfnf	60,916,300	\$20,305,433	\$20,305,433	\$0
	\$165,060,700	\$55,020,233	\$48,328,278	29.3%

	CURRENT REVENUES			PERCENT OF ANNUAL PROJECTION RECEIVED TO DATE
	ANNUAL PROJECTION	JANUARY 1, 2022 PROJECTIONS	THRU ACTUAL	
CURRENT REVENUES	\$192,878,300	\$65,239,127	\$68,206,297	35.4%
			\$2,967,169	33.3%

ALCOSAN 2022 Capital Budget

STATUS REPORT

May 19, 2022

Capital Number	Project/Program Description	Current Total Estimated Costs	Total Expended thru 2021	2022 Capital Budget	2022 Expenditures to Date
Existing Plant Projects					
S408	Biosolids Strategic Plan	1,525,600	142,716	500,000	-
S423	Plant Energy Efficiency Upgrades	2,319,000	1,154,703	200,000	3,341
S464	Environmental Compliance Facility and Parking Garage	54,000,000	6,528,754	20,000,000	3,311,109
S472	Plant Facilities and Safety Upgrades (2020-2023)	3,150,000	872,675	1,775,000	65,572
S473	Energy Recovery Facility Improvements (2020-2022)	1,200,000	16,520	1,200,000	-
S481	Aeration Tank Diffusers	5,000,000	742,701	3,500,000	616,994
S487	Effluent Flushing Water System Improvements	6,600,000	-	684,000	9,196
Subtotal	Existing Plant Projects	73,794,600	9,458,068	27,859,000	4,004,211
Existing Interceptor System Projects					
S469	CIPP Lining of the Mon-Sub-Aqueous Inter. & SMR Inter.	20,614,500	1,534,176	13,555,000	3,948,791
S470	Flap Gate & Misc. Regulator Improvements at Various Loc.	3,122,000	494,941	1,000,000	471,349
S471	Remote Pump Station Improvements	6,076,000	568,580	4,828,000	84,803
S474	New Access Shaft Manholes Near A-40 and M-49 Crossing	4,876,000	212,321	2,000,000	51,216
S483	Conveyance Rehabilitation and Enhancements (2021-2022)	2,970,000	4,145	1,859,500	25,353
S491	Upper Saw Mill and Lower Ohio Interceptor Lining	6,616,000	-	500,000	-
Subtotal	Existing Interceptor System Projects	44,274,500	2,814,162	23,742,500	4,581,511
Municipal Source Control Projects					
S437	Ravine St Stream Removal and Sewer Separation	5,015,800	14,024	2,465,000	22,672
S438	Four Mile Run Regulator (M29) & Outfall Improvements	2,804,000	258,189	2,626,500	6,882
S440	Green Revitalization of Our Waterways Program	1,879,300	1,121,490	270,000	5,380
S447	Municipal Source Control Program	6,399,600	7,725,657	472,600	143,173
S455	Green Infrastructure Program Manager	4,996,800	4,887,126	945,000	226,389
S480	Spring Garden Grill Chamber	1,129,700	2,783	92,000	-
S484	Delafield Avenue DSI	10,724,600	135,094	1,283,000	255,134
Subtotal	Municipal Source Control Projects	32,949,800	14,144,363	8,154,100	459,431
Wet Weather Plant Expansion Projects					
S430	Wet Weather Plant Expansion Program	49,000,000	17,925,864	5,000,000	2,535,043
S461	North End Facilities	162,400,000	53,886,436	40,000,000	17,294,426
S462	East Headworks	118,500,000	18,810,222	40,000,000	11,862,610
S463	Solids Thickening and Dewatering Improvements	33,000,000	11,567	1,000,000	4,365
S466	CSO Bypass and Disinfection	78,600,000	2,080,665	16,500,000	709,093
S467	Primary Tanks	48,100,000	2,256	200,000	-
S468	Electrical Distribution System Upgrade	25,000,000	1,105,266	10,000,000	2,814,797
S489	Wet Weather Pump Station	152,900,000	-	20,000	474
Subtotal	Wet Weather Plant Expansion Projects	667,500,000	93,822,276	112,720,000	35,220,808
Interim Wet Weather Plan Regional Projects					
S446	Regionalization	79,520,000	27,402,385	4,750,000	576,930
S448	Interim Wet Weather Planning Compliance	22,850,000	12,752,386	1,500,000	684,955
S451	Property Acquisitions	41,029,000	7,684,130	9,000,000	1,138,772
S475	Tunnel Program Management	25,481,000	2,416,448	6,370,800	831,029
S477	Water Quality Monitoring Program	2,883,300	3,959	84,000	2,212
S478	Flow Targets	3,880,900	2,008	167,000	1,611
S485	Ohio River Tunnel (ORT) Final Design	28,950,000	20,901	8,000,000	480,977
S486	Allegheny River Tunnel (ART) Consolidation Sewer A72-A78	57,275,000	-	1,045,300	-
S488	Ohio River Tunnel (ORT) Construction	446,450,000	-	50,000	390
Subtotal	Interim Wet Weather Plan Regional Projects	708,319,200	50,282,217	30,967,100	3,716,876
Other Capital Improvements					
S482	Mobile Equipment (2022)	1,980,000	-	1,980,000	59,700
S000	2021 Low Cost Capital Improvements	2,419,500	-	2,419,500	400,397
Subtotal	Other Capital Improvements	4,399,500	-	4,399,500	460,097
Total 2022 Capital Program		1,531,237,600	170,521,086	207,842,200	48,645,134

Change Order Exhibit

Allegheny County Sanitary Authority

Contract No.: 1719G	Change Order Number: 1719G-CO-002
Project Name: Miscellaneous Sewer Improvements at Various Locations - 1719	Date Issued: 05.04.2022
Contractor: A Merante Contracting Inc	

<p>PCO: PCO - 00003 C1719 Close-Out and Reconciliation of Unused Quantities</p> <p>Description of Change: This PCO for Contract 1719 is for the closeout of the contract and reconciliation of unused quantities. Quantity reconciliation will impact line items: 06.8: PCO-001, T-27 Structure: Special Conditions - Contaminated Soil Removal; 08: Miscellaneous Work for a Full-Time Crew; 09: R-4 Riprap Grouted in Place; and 10: Additional Flowable Fill, As Directed</p> <p>Reason for Change: Final quantities used were less than the estimated quantiles for the listed line items.</p>	<p>Value of Change: -\$33,995.75</p>
<p>PCO: PCO - 00002 Time Extension</p> <p>Description of Change: Time extension.</p> <p>Reason for Change: All other work on this project will be completed by the original completion date, less the flap gate installation at C-27. This time extension is required due to the long item lead times. Once the flap gate is received by the Contractor, it will promptly be installed, and the project finished.</p>	<p>Value of Change: \$.00</p>

Total Add/<Deduction>:	- \$33,995.75
	113 Calendar Days

Andrew Dawson

Construction Manager, Arcadis U.S., Inc.

Change Order Exhibit

Allegheny County Sanitary Authority

Contract No.: 1735P	Change Order Number: 1735P-CO-002
Project Name: ALCOSAN Parking Garage	Date Issued: 05.13.2022
Contractor: W.G. Tomko Inc	

PCO: PCO - 00012 Purge Valve at Lowest Point in System	Value of Change: \$404.07
Description of Change: This PCO will add a purge valve at the lowest point in the domestic water system, as shown in the attached revised drawings.	
Reason for Change: A single drain valve at the lowest point is preferred by Alcosan to allow drainage for winterization to occur by opening a single valve to drain both potable water risers.	

Total Add/<Deduction>:	\$404.07
	0 Calendar Days

Mike Raig

Construction Manager, G. Stephens, Inc.

Change Order Exhibit

Allegheny County Sanitary Authority

Contract No.: 1735E	Change Order Number: 1735E-CO-001
Project Name: ALCOSAN Parking Garage	Date Issued: 05.17.2022
Contractor: Bronder Technical Services	

<p>PCO: PCO - 00011 Casting Manhole Covers</p> <p>Description of Change: Order and install electrical/telecom manhole covers with cast in numbering, rather than aluminum tags.</p> <p>Reason for Change: ALCOSAN wishes to have cast in manhole numbers. Per the contractor, cast in numbering has been discontinued for small quantity orders, so a special order will need to be made.</p>	<p>Value of Change: \$4,895.58</p>
<p>PCO: PCO - 00001 RFI-11 Add Cable Tray in 404 Bldg</p> <p>Description of Change: Contractor to add a new 24"W cable tray in the 2nd floor electric room (EL.767'4") and across the ceiling in the process area to column 3 for routing new and future 600V feeder cables. Tray to be added between CT-002 404 and PT-002 404 to avoid cutting additional masonry out of wall to reach the substation. The cable type would need to be upgraded for cable tray application or marked for cable tray use.</p> <p>As advised by the contractor, this alternate approach will yield a credit to the contract. An added cost to the contract will not be accepted.</p> <p>Reason for Change: This change saves costs by simplifying installation. It also gives ALCOSAN additional cable tray space for future projects.</p>	<p>Value of Change: -\$18,093.48</p>
<p>PCO: PCO - 00007 Elevator Sump Pump</p> <p>Description of Change: Addition of sump pump control panel and associated wiring.</p> <p>Reason for Change: During the review of the elevator submittal, it was noticed that the plumbing plans did not include a sump pump in the elevator pit. The structural and electrical drawings do show a location and connections. Based on the requirements of the IBC and the plumbing inspector, it was concluded that the best course of action was to add a sump pump in the elevator pit. It was confirmed that the pump could discharge into the storm line.</p>	<p>Value of Change: \$.00</p>

Total Add/<Deduction>:	-\$13,197.90
	0 Calendar Days

Mike Rajc

Construction Manager, G. Stephens, Inc.

MINUTES
REGULAR MEETING OF THE BOARD OF THE
ALLEGHENY COUNTY SANITARY AUTHORITY
THURSDAY, APRIL 28, 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, Dr. Shannah Tharp-Gilliam, and Representative Emily Kinkead (remotely); Messrs. Harry Readshaw, Corey O'Connor (remotely), and Mr. Paul Klein. Mr. Jack Shea was absent from the meeting. Also participating were Ms. Arletta Scott Williams, Ms. Michelle Buys, Ms. Kimberly Kennedy, Ms. Karen Fantoni, Ms. Suzanne Thomas, Ms. Julie Motely-Williams Messrs. Douglas Jackson, Michael Lichte, Timothy Prevost, Joseph Vallarian (Authority Staff), Mr. Max Junker and Mr. Chester Babst (Babst Calland), and Mark McCall (TJS Insurance Group)

Everyone stood for the Pledge of Allegiance.

No Public Comment for this meeting.

Ms. Sylvia Wilson, Board Chairperson, welcomed the newest member of the ALCOSAN Board, Councilman Paul Klein. Councilman Klein stated that he is very pleased and excited to be a part of the ALCOSAN Board. Councilman Klein also spoke of the opportunity to be on the Board, and he looks forward to contributing, in any way he can.

Ms. Kimberly Kennedy, Director of Engineering and Construction, provided the Board with a brief update on the WWTP Expansion Cost report, the Plant expansion projects. At this point, we are just under \$100,000,000.00, in construction to date. The Return Activated Sludge that is showing as 65% complete; however, that is one of the projects that are slated to be completed this year. The rest of the projects are much longer term and have been going on for a while. The CSO Bypass Disinfection will be up for Bid soon.

Ms. Karen Fantoni, Director of Finance, provided the Board with an update on the 2022 Operating Costs and Revenue report. The current expenditures through the end of March, 21.5% of the Operating Budget and collected more than 25.5% of our Operating Revenue. We are operating in a sound financial condition.

Mr. Timothy Prevost, Manager of Wet Weather Programs, updated the Board on GROW, Green Revitalization of Our Waterways, Grant Funding Curves. Mr. Prevost explained the Match Curve Cycle 1, the Overflow Reduction Cost Efficiency and the maximum award of \$1,000,00.00, per project/per cycle. For Cycles 2-4, Stormwater Volume Removal Cost Efficiency, the award was greater with the maximum award being, \$2,000,000.00, per project cycle. Lastly, was the Match Curve Cycles 5-6, the GROW program which expanded the maximum match from \$2,000,000.00 to \$10,000,00.00, per project. Presently, we are at Cycle 7, with the Primary Match (Overflow Reduction) and the Secondary Match (Stormwater Reduction). The Maximum Award is \$10,000,000.00/project, to encouragement for larger scale projects.

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. 1, under Contract 1729-H, "East Headworks," from SSM Industries, for the amount of \$18,000.00. These costs are associated with a material upgrade due to commercial unavailability for combination fire/smoke dampers in the supply ductwork for air handling units. The original

amount of the contract was \$1,985,000.00. The current value of the contract including this change order is \$2,003,000.00.

Upon motion of Mr. Harry Readshaw and seconded by Dr. Shannah Tharp-Gilliam, the Board approved the minutes of the Regular Board Meeting of March 24, 2022.

Upon motion of Mr. Harry Readshaw and seconded by Dr. Shannah Tharp-Gilliam, the Board authorized payment of invoices in excess of \$20,100.00 processed during the period of March 15, 2022, through April 18, 2022, and reviewed the summary report of expenses in excess of \$10,900.00 processed during the same period.

Upon motion of Dr. Shannah Tharp-Gilliam and seconded by Mr. Harry Readshaw, the Board awarded the following contracts:

1. Contract No. 1762 "Furnish and Deliver Hydrochloric Acid," to SAL Chemical Company, Inc. at the price of \$0.270.

Upon motion of Dr. Shannah Tharp-Gilliam and seconded by Mr. Harry Readshaw, the Board authorized the preparation of specifications and advertisement for bids for the following contract

1. Contract No. 1765, "Drop Shaft Inspections for Consent Decree Compliance"

Upon motion by Dr. Shannah Tharp-Gilliam and seconded by Mr. Harry Readshaw, the Board approved the following change orders that exceeds \$30,000, in value or whose cumulative total value with previously approved change orders is greater than five percent of the original contract amount:

1. No. 9, under Contract 1723-G, "North End Facilities," from Mascaro Construction Company, for the amount of \$13,551.00. These costs are for the demolition of unforeseen buried concrete facilities at the new chlorine contact tank, changes to the roll-up door mounting, and credits for a valve change and repairs to ALCOSAN fencing damaged by Contractor. The original amount of the contract was \$94,124,350.00. The current value of the contract including this change order is \$103,725,182.42.
2. No. 2, under Contract 1729-G, "East Headworks," from P.J. Dick, for the amount of \$505,555.00. These costs are for installation of additional effluent water piping due to an unforeseen conflict, required improvements to the subgrade due to unstable soil, additional work required during installation of a 24" plant drain to maintain plant operations and rerouting of a storm line to avoid electrical duct banks. The original amount of the contract was \$78,474,915.00. The current value of the contract including this change order is \$79,085,854.00.
3. No. 1, under Contract 1733, "Aeration Tank Diffuser Replacement," from Shiloh Industrial Contractors, for the amount of \$34,734.20. These costs are for cleaning and rework of piping due to flooding where diffusers were being installed. The original amount of the contract was \$3,114,700.00. The current value of the contract including this change order is \$3,149,434.20.
4. No. 2, under Contract 1739-E, "Electrical Distribution System Upgrade," from Sargent Electric Company, for the amount of \$65,428.80. 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.

The items denoted with an (*) were reviewed by the Professional Services Committee at a publicly advertised meeting on April 21, 2022. The Committee unanimously approved and recommended that these items be submitted to the Board.

*Upon motion by Representative Emily Kinkead and seconded by Mr. Harry Readshaw, the Board approved the Modification of Services Authorization for Anser Advisory under the agreement for Engineering Consultant Services, for an amount not to exceed \$ 171,356.34 to conduct construction management on Contract 1744: Chartiers Creek – Ohio Junction Access Shaft Improvements (Capital Project S-483).

*Upon motion by Dr. Shannah Tharp-Gilliam and seconded by Harry Readshaw, the Board approved the Modification of Services Authorization Advisory under the agreement for Retained Engineer, for an amount not to exceed \$37,020.00 for Misc. Structural Engineering Support Services.

*Upon motion by Dr. Shannah Tharp-Gilliam and seconded by Mr. Harry Readshaw, the Board awarded professional services to conduct construction management services on Contract 1756: Shallow Cut Interceptor Inspection to DLZ and authorize the Executive Director to negotiate a fee.

*Upon motion by Dr. Shannah Tharp-Gilliam and seconded by Mr. Harry Readshaw, the Board approved the modification of Service Authorization 349 for ms Consultants to extend their work for a no cost extension of services providing Services During Construction for Contract 1726 CIPP Rehabilitation of Portions of the Monongahela Subaqueous Interceptor through December 31, 2022.

*Upon motion by Dr. Shannah Tharp-Gilliam and seconded by Mr. Harry Readshaw, the Board approved the modification of Service Authorization 368 for Rizing to perform additional services to support the Human Resources Information System (HRIS) in an amount not to exceed \$33,525.00.

The following item was discussed at the Green Committee Meeting, that was held on March 17, 2022.

Upon motion by Dr. Shannah Tharp-Gilliam and seconded by Mr. Harry Readshaw, the Board approved the Cycle 7 Program Guidelines in a form recommended by the ALCOSAN Board of Directors, Green Committee.

Upon motion by Mr. Harry Readshaw and seconded by Representative Emily Kinkead, the Board approved to accept the proposals as recommended by the Authority's Risk Manager to provide insurance coverage to ALCOSAN for the period May 16, 2022, through May 16, 2023, at a total premium of \$1,704,138.00.

Upon motion by Mr. Harry Readshaw and seconded by Dr. Shannah Tharp-Gilliam, the Board adopted Resolution No. 2022-04-01 authorizing the payment of Estimated Just Compensation in the amount of Nine Hundred Eighty Thousand and 00/100 Dollars (\$980,000) in relation to ALCOSAN's condemnation of Block and Lot Nos. 7-P-125, 7-P-23, 7-P-32 and 7-P-40 in the City of Pittsburgh, 19th Ward, now or formerly owned by Ronald J. Battaglia, Jr., Michael A. Battaglia, and Jean Marie Euler.

Upon motion by Mr. Harry Readshaw and seconded by Dr. Shannah Tharp-Gilliam, the Board adopted Resolution No. 2022-04-02 authorizing the condemnation of certain portions of Block and Lot No. 75-R-275 in the City of Pittsburgh, 27th Ward, specifically: (i) a certain 0.917 acre portion in fee; and (ii) a temporary construction easement of 0.783 acres the use of which is required for five (5) years, now or formerly owned by Engineered Polymer Solutions, Inc., in furtherance of the Clean Water Plan, and authorizing the Executive Director to take any action necessary to effectuate this condemnation.

Upon motion by Mr. Harry Readshaw and seconded by Representative Emily Kinhead, the Board adopted Resolution No. 2022-04-03 authorizing the condemnation of Forty-Seven (47) Tax Parcels situated in the City of Pittsburgh, 23rd Ward, now or formerly owned by The Buncher Company, in furtherance of the Clean Water Plan, and authorizing the Executive Director to take any action necessary to effectuate this condemnation.

At the conclusion of the meeting, Executive Director, Arletta Scott Williams, wanted to acknowledge our former Board Member, City Treasurer, Mr. John Weinstein, for his decade long service to the ALCOSAN Board of Directors. Ms. Williams also offered a personal appreciation to Mr. Weinstein, for his support to her over the years.

There being no further business, the meeting adjourned at approximately 5:10 p.m.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM APRIL 19, 2022 THROUGH MAY 9, 2022

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
3 Rivers			
Wet Weather		79,329.28	Professional Services Re: Provide Support Services for Regional Wet Weather Planning Compliance, Service Authorization No. 318, for the Month of April 2022. Invoice No. 4302022 Dated May 2, 2022.
9Rooftops Marketing		20,826.00	Professional Services Re: Alcosan Task 1 Research & Planning, Service Authorization No. 264, for the Month of March 2022. Invoice No. 24263 Dated April 11, 2022
Arcadis	79,687.44		Professional Services Re: Wet Weather Plant Expansion, Service Authorization No. 295, for the Period Ending April 24, 2022. Invoice No. 34294716 Dated April 27, 2022.
Babst, Calland, Clements & Zomnir		46,178.95	Professional Services Re: Legal Matters for the Month of February 2022. Invoice Nos. 1516567 to 1516828 Dated April 11, 2022.
Burch Hydro, Inc.		142,936.25	Biosolids Management Services for the Month of April 2022. Invoice No. 2109 Dated April 30, 2022.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM APRIL 19, 2022 THROUGH MAY 9, 2022

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
CDM Smith	163,204.62		Professional Services Re: Wet Weather Program Management and Engineering Support Services, Service Authorization No. 289, for the Period of March 13 to April 9, 2022. Invoice No. 90150078/71 Dated April 25, 2022.
Cowden Associates		24,645.00	Professional Services Re: Bargaining and Management Pension Plans for the Month of November 2021. Invoice No. 21-ACSA-01102 Dated December 31, 2021.
Ferguson Waterworks		33,349.76	Furnish and Deliver Four (4) Flanged Gate Valves as per Costars Contract #016-047. Invoice No. 0570871 Dated April 25, 2022.
G. Stephens, Inc.	59,504.01		Professional Services Re: Alcosan New Laboratory, Industrial Waste and Garage, Service Authorization No. 353, for the Month of March 2022. Invoice No. 7046 Dated April 29, 2022.
GAI Consultants		20,395.57	Professional Services Re: Alcosan Emissions Stack Testing for FBI #1 & #2, Service Authorization No. 274-2, for the Period of February 13 to May 19, 2022. Invoice No. 2173588 Dated April 13, 9, 2022.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM APRIL 19, 2022 THROUGH MAY 9, 2022

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Gannett Fleming	26,427.23		Professional Services Re: Constructions Management Services for Contract 1725A CIPP Rehabilitation of the Lower Saw Mill Run Interceptor, Service Authorization No. 369, for the Period Ending April 1, 2022. Invoice No. 063112.01*8 Dated April 18, 2022.
GHD, Inc.	133,569.72		Professional Services Re: Alcosan CSO Bypass and Disinfection, Service Authorization No. 361, for the Period Ending April 2, 2022. Invoice No. 380-0011594 Dated April 7, 2022.
Grant Thornton	50,000.00		First Installment for Upgrades to the JD Edwards System, Service Authorization No. 378. Invoice No. GPS-500149 Dated April 29, 2022.
Guy's Mechanical Systems, Inc.	300,275.96		Return Activated Sludge (RAS) Pipe and Pump Replacement-HVAC. Contract 1728H, Estimate No. 3.
Hatch Associates	19,711.67	3,950.00	Professional Services Re: Miscellaneous Engineering Services, Service Authorization No. 342, for the Period Ending May 28, 2021. Invoice No. 90786747 Dated June 22, 2021.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM APRIL 19, 2022 THROUGH MAY 9, 2022

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Hatch Associates	22,538.36		Professional Services Re: New Access Shaft Manhole Near A-40 and M-49 Project, Service Authorization No. 358, for the Period of October 30 to December 31, 2021. Invoice No. 90812016 Dated April 26, 2022.
HDR Engineering	38,095.18		Professional Services Re: North End Facilities New Outfall and Disinfection Facility and New Secondary Clarifiers, Service Authorization No. 322, for the Period of February 27 to March 26, 2022. Invoice No. 1200413367/34 Dated March 31, 2022.
HDR Engineering	30,937.60		Professional Services Re: RAS Pipe and RAS Pump Replacement, Service Authorization No. 335, for the Period of February 27 through March 26, 2022. Invoice No. 12004119286/26 Dated April 29, 2022.
Ideal Integrations		79,056.00	Network Security to Monitor Internet Access for the Period of May 1, 2021 to April 30, 2023. Invoice No. B46550 Dated April 25, 2022.
Independent Enterprises, Inc.	240,860.38		CIPP Rehabilitation of Portions of the Monongahela Subaqueous Interceptor. Contract No. 1726, Estimate No. 5.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM APRIL 19, 2022 THROUGH MAY 9, 2022

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Innovyze		31,260.00	InfoAsset Manager Desktop for Regional Conveyance to Store Data Documenting Conditions of the Sewer Systems as Part of the Regionalization Program Including Maintenance for the Period of May 31, 2022 through March 30, 2023 Invoice No. INV-310-0004038 Dated March 31, 2022.
Integrated Corporate Health		24,966.00	Covid Vaccine and Testing Clinics for the Month of April 2022. Invoice No. 54310 Dated April 30, 2022.
JMT	20,523.59		Professional Services Re: CIPP Rehabilitation of Portions of the Monongahela Subaqueous, Service Authorization No. 364, for the Period Ending March 26, 2022. Invoice No. 10-191434 Dated April 25, 2022.
Kokosing	742,341.47		RAS Pump and Pipe Replacement. Contract No. 17286, Estimate No. 15.
Kokosing	162,000.00		Electrical Distributions System Upgrades - General. Contract No. 17396, Estimate No. 4.
Mascaro Construction	1,832,771.23		North End Plant Expansion-General, Contract No. 17236, Estimate No. 19.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM APRIL 19, 2022 THROUGH MAY 9, 2022

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Michael Baker	484,344.26		Professional Services Re: Wet Weather Plant Expansion, Service Authorization No. 319, for the Period Ending April 3, 2022. Invoice No. 1144917 Dated April 18, 2022.
Mike Coates Construction Co.	700,964.46		Alcosan Parking Garage--General. Contract No. 17356, Estimate No. 7.
MS Consultants	20,857.87		Professional Services Re: Flap Gate Replacement at Various Locations, Service Authorization No. 338 for the Period of January 31 to February 27, 2022. Invoice No. 61-04E57-00-27 Dated March 23, 2022.
MS Consultants	30,213.60		Professional Services Re: Flap Gate Replacement at Various Locations, Service Authorization No. 338 for the Period of February 28 to April 3, 2022. Invoice No. 61-04E57-00-28 Dated April 25, 2022.
P. J. Dick, Inc.	2,273,769.99		East Headworks Project--General. Contract No. 17266, Estimate No. 9.
Polydyne, Inc.		49,450.00	Furnish and Deliver Polymers Per Contract No. 1692. Invoice No. 1632998 Dated April 14, 2022.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM APRIL 19, 2022 THROUGH MAY 9, 2022

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Polydyne, Inc.		49,450.00	Furnish and Deliver Polymers Per Contract No. 1692. Invoice No. 1635075 Dated April 24, 2022.
Polydyne, Inc.		49,450.00	Furnish and Deliver Polymers Per Contract No. 1692. Invoice No. 1639159 Dated May 9, 2022.
Sargent Electric Co.	189,494.74		Electrical Distribution System Upgrades-Electrical. Contract No. 1739E, Estimate No. 5.
Shiloh Industrial Contractors, Inc.	133,151.40		Aeration Tank Diffuser Replacement. Contract No. 1733, Estimate No. 8.
Sylint, LLC		34,466.66	IT Systems and Cyber Security Compliance Assessment. Invoice No. 052022 Dated May 4, 2022.
Wellington Power	148,634.83		RAS Pump and Pipe Replacement - Electrical. Contract No. 1728E, Estimate No. 5.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM APRIL 19, 2022 THROUGH MAY 9, 2022

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

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
AE Works	16,375.18		Professional Services Re: Laboratory/Industrial Waste Facility and Parking Garage Design, Service Authorization No. 350, for the Period of March 27 through April 23, 2022. Invoice No. ALCO-002-28 Dated April 23, 2022.
Greer Industries		12,914.93	Furnish and Deliver Pebble Lime as per Contract No. 1701. Invoice No. 647741 Dated April 15, 2022.
Innovyze		14,574.40	InfoAsset Manager-InfoCare Renewal for the Period of June 15, 2022 to June 14, 2023. Invoice No. Q-119243 Dated March 17, 2022.
Integrated Corporate Health		13,006.00	Covid Vaccine and Testing Clinics for the Month of March 2022. Invoice No. 54231-A Dated March 31, 2022.
MS Consultants	14,257.63		Professional Services Re: Homestead Transforming 12 th Avenue, Service Authorization No. 354, for the Period Ending February 27, 2022. Invoice No. 61-44054-00-14 Dated March 24, 2022.
Norfolk Southern Railway	13,449.96		Reimbursement of Expenses Incurred Relating to the North End Plant Expansion Project for the Period of November 2021 through February 2022. Invoice No. 92498807 Dated February 28, 2022.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM APRIL 19, 2022 THROUGH MAY 9, 2022

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

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Pittsburgh Air Systems		13,411.36	Furnish and Deliver Seventy-Two (72) Hepa 95% Filters for Inventory, as per PA Costar Contract 008-201. Invoice No. 097148 Dated April 19, 2022.
Wade Trim	16,780.00		Professional Services Re: Effluent Flushing Water System Improvements, Service Authorization No. 356, for the Month of March 2022. Invoice No. 5004701 Dated April 19, 2022.
Waste Management		12,325.54	Disposal of Sludge and Ash for the Period of April 16 through April 30, 2022. Invoice No. 0040283-0069-9 Dated May 2, 2022.

UTILITY INVOICES EXCEEDING \$10,900.00 PAID DURING THE PERIOD OF APRIL 19, 2022 THRU MAY 9, 2022

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Direct Energy		72,561.19	Natural Gas Commodity Charges for the Month of March 2022. Invoice No. HS22995122. Account 737446-81920.
Duquesne Light Co.		485,092.23	Electrical Service, 3300 Preble Avenue, March 24 to April 25, 2022. Account No. 8737-850-000.
Peoples Natural Gas		27,052.98	Gas Service Agreement, 3285 Preble Avenue - March 31 to April 29, 2022 - Meter No. 617077.
Pittsburgh Water & Sewer Authority		40,010.28	Water Service, Treatment Plant, 3285 Preble Avenue for the Month of April 2022. Account No. 5078222-1000581.
Pittsburgh Water & Sewer Authority		11,737.04	Water Service, Treatment Plant, 3285 Preble Avenue for the Month of April 2022. Account No. 5078226-1000653.
TOTAL	7,951,292.42	1,392,395.42	

AUTHORIZATION OF CONTRACTS FOR ADVERTISEMENT

1. Contract No. 1744A, "Chartiers Creek-Ohio Junction Access Shaft Improvements"

This contract is a re-bid of Contract 1744. This contract is intended to make improvements to the ALCOSAN O-7 Access Shaft to replace the HVAC equipment, replace the electrical conduit and fixtures, replace the roof, address corrosion with the shaft using concrete rehabilitation, and install internal tie offs and address other safety concerns.

The project consists of a General, Electrical and HVAC contracts.

2. Contract No. 1766, "Furnish and Deliver Sulfuric Acid"

This contract is for the purchase and delivery of sulfuric acid which is used in the regeneration process in the energy recovery facilities within the plant.

3. Contract No. 1767, "Furnish and Deliver Sodium Bisulfite"

This contract is for the purchase and delivery of sodium bisulfite which is used in the disinfection process to decrease the chlorine residual prior to discharge.

4. Contract No. 1768, "Furnish and Deliver Chemicals and Technical Service for Treatment of Boiler Water, Steam and Condensate"

This contract is for the purchase and delivery of chemicals, related support services and the associated training necessary to maintain the quality of the steam generated in the heat recovery system. The chemicals are used to control corrosion, scaling and deposition of byproducts.


BID TABULATION

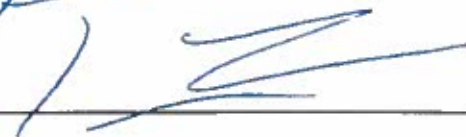
CONTRACT NO. 1756

SHALLOW CUT INTERCEPTOR INSPECTION

BID OPENING, Thursday, May 12, 2022 @ 11:00 A.M.

<u>COMPANY NAME</u>	<u>TOTAL COST</u>
Redzone Robotics, Inc.	\$2,058,730.00
Robinson Pipe Cleaning Company	\$2,111,740.00
Independent Enterprises, Inc.	\$2,892,700.00

WITNESS: 

WITNESS: 

Change Order Exhibit

Allegheny County Sanitary Authority

Contract No.: 1739E	Change Order Number: 1739E-CO-002
Project Name: Electrical Distribution System Upgrade	Date Issued: 04.26.2022
Contractor: Sargent Electric Company	

<p>PCO: PCO - 00003 LAN Fiber connectors, 520 copper extra panel</p> <p>Description of Change:</p> <p>Item 1: LAN Fiber (existing contractor work)</p> <ol style="list-style-type: none"> 1. Eliminate terminating all fiber using ST connectors to existing patch panels in the Annex 2nd floor IT room closet rack. 2. Provide LC connector fiber optic patch panels (FOPP) in the Annex 2nd floor IT room server closet rack(s). Terminate all fiber. 3. Eliminate terminating all fiber using ST connectors to existing patch panels at all remote building locations. 4. Provide LC connector enclosed FOPP's at all remote building locations. FOPP's shall be of sufficient size to terminate all fiber and allow for patching through to existing FOPP's. 5. Provide LC to LC patch cords at Annex end for all active fiber connections. Verify length and quantity. 6. Provide LC to ST patch cords at remote ends for all active fiber connections (patch to existing panels). Verify length and quantity. 7. Provide final patching for all active connections as directed by Alcosan staff. <p>Item 2: LAN Fiber - Temporary from Annex to LAN FOPP 723 (in pipe gallery)</p> <ol style="list-style-type: none"> 1. Following installation and activation of fiber to Bldg 400, remove existing fiber and salvage portion of 24 strand fiber and inner duct for reuse as temporary link between Annex and LAN FOPP 723. 2. Install salvaged 24 strand fiber between Annex 2nd floor IT room server closet rack and LAN FOPP 723. Routing shall be: existing 4" conduit between Annex basement and steam trench; steam trench to Pipe Gallery 723. Install fiber in inner duct in steam trench and pipe gallery. 3. Terminate Annex end using LC connectors & 723 end using ST connectors. Maintain existing ST connectors on one end of removed cable if possible otherwise provide new ST connectors on 723 end. 4. Provide final patching for all connections as directed by Alcosan staff. <p>Item 3: Copper telephone to IB box near intersection of 723 and 725 pipe galleries.</p> <ol style="list-style-type: none"> 1. Provide 25 pair CAT 3 copper cable from telephone room in Annex basement to existing IB box near the intersection of 723 and 725 pipe galleries. Routing shall be: existing 4" conduit between Annex basement and steam trench; steam trench to EMH207; EMH207 to EMH103; EMH103 to 723 (existing 2"C); open wire in 723 to existing IB box. 2. Provide 25 pair 66 blocks at each and terminate. 3. Provide cross connects to existing 66 blocks for all active pairs as directed by Alcosan staff. 4. OPTION: If this is going to be temporary, follow same patch as temporary fiber to pipe gallery. 5. OPTION: If timing allows, run direct from EMH207 via new ductbank to EM9 and into pipe gallery 723. <p>Reason for Change:</p> <p>Additional work is required to comply with ALCOSAN request to change the LAN fiber connector types as well as to provide temporary fiber and copper cabling to accommodate the East Headworks project schedule</p>	<p>Value of Change:</p> <p>\$100,388.00</p>
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Total Add/<Deduction>:	\$100,388.00
	0 Calendar Days

Bradley Zook
 Construction Manager, Michael Baker Int

Change Order Exhibit

Allegheny County Sanitary Authority

Contract No.: 1739G	Change Order Number: 1739G-CO-001
Project Name: Electrical Distribution System Upgrade	Date Issued: 05.16.2022
Contractor: Kokosing Construction	

PCO: PCO - 00004 E&S Control Improvements	Value of Change: \$56,900.00
Description of Change: The contractor is directed to provide street sweeping services for Tracy Street, Preble Ave. and other areas as directed for up to 4 hours per week. The contractor shall deposit the debris from sweeping within the E&S limits near the 650 Building. The contractor shall also install 4 inches of 2A aggregate from the Tracy St. gate to the paved road joint approximately 400 feet north of the gate and 25 feet wide. Additionally just west of the Tracy St. gate a portion of existing sheet piling is becoming exposed to the road surface due to the recent increase in traffic along this route. This exposed sheet piling is causing safety concerns and must be removed. The contractor is to excavate to approximately one to two feet below the surface cut the sheet piling and backfill and grade the area appropriately.	
Reason for Change: Tracy Street is a common egress and ingress point that has deteriorated in recent months and is in need of repair. The general contractor for this project is performing work in close proximity to this area and has the needed equipment available and on-site to complete the work in the most time and cost effective manor.	

Total Add/<Deduction>:	\$56,900.00
	0 Calendar Days

Bradley Zook

Construction Manager, Michael Baker International

Change Order Exhibit

Allegheny County Sanitary Authority

Contract No.: 1735G	Change Order Number: 1735G-CO-003
Project Name: ALCOSAN Parking Garage	Date Issued: 05.13.2022
Contractor: Mike Coates Construction Co	

<p>PCO: PCO - 00006 Elevator Sump Pump</p> <p>Description of Change: Revisions to elevator sump pit and framing for grating over sump pit for code compliance. Also provided are minor dimensional (inches) changes of concrete rough openings for elevator doors and elevation of top of elevator roof slab to match up with actual dimensions provided in the Otis elevator submittal.</p> <p>Reason for Change: To meet code for sump pump requirement in the elevator shaft. To tweak dimensions on the construction documents for coordination with the elevator shop drawings.</p>	<p>Value of Change: \$.00</p>
<p>PCO: PCO - 00008 RFI-51 Delete Removal of Abandoned 10" Waterline</p> <p>Description of Change: Delete the removal of the abandoned 10" waterline running parallel to Building Line 12 just inside the footprint of the Garage. See "Proposed Abandoned Water Line" sketch attached to RFI-51 for limits of abandoned pipe.</p> <p>Reason for Change: Removal of the abandoned 10" waterline would negatively affect the construction sequencing of the Parking Garage. A portion of the pipe can be abandoned in place to resolve this issue without impacting the Parking Garage. The change will result in a credit for reduced excavation.</p>	<p>Value of Change: -\$1,500.00</p>
<p>PCO: PCO - 00004 Exterior Metal Panel & Framing Coordination</p> <p>Description of Change: Please see the attached document for full description.</p> <p>Reason for Change: See above purpose of change.</p>	<p>Value of Change: \$23,519.76</p>

Total Add/<Deduction>:	\$22,019.76
	0 Calendar Days

Mike Raig

Construction Manager, G. Stephens, Inc.

Change Order Exhibit

Allegheny County Sanitary Authority

Contract No.: 1723G	Change Order Number: 1723G-CO-010
Project Name: North End Facilities	Date Issued: 05.16.2022
Contractor: Mascaro Construction Company, LP	

PCO: PCO - 00036 CCT Micro-Piles

Value of Change:
\$1,300,000.00

Description of Change:

Eliminate 24" Auger Cast Piles and install 7" Micro-Piles with rock socket in the areas shown and as designed and directed by HDR in Field Instruction No.32. This is a Lump Sum change Order not to exceed \$1,300,000.00 to complete the work as shown.

Reason for Change:

During excavation for the Chlorine Contact Tank, an area in the tank was discovered to have previously unknown buried timbers and rock cobbles (RFI-209) that could not be drilled through as designed by an Auger Cast drill method. This area was analyzed by the Engineer and determined a Micro-Pile Installation was necessary in lieu of Auger Cast Piles.

Total Add/<Deduction>:

\$1,300,000.00

0 Calendar Days

John DeSantis

Construction Manager, G. Stephens, Inc.

Change Order Exhibit

Allegheny County Sanitary Authority

Contract No.: 1749G	Change Order Number: 1749G-CO-001
Project Name: Primary Tanks Concrete Deck Sealing	Date Issued: 05.13.2022
Contractor: Nathan Contracting	

<p>PCO: PCO - 00003 Additional Primary Tanks Concrete Deck Repairs: deck caulking, curb caulking, column footer repairs</p> <p>Description of Change:</p> <p>a. The existing concrete slabs located between drive building and weir buildings. The existing 7,500 lin. ft. of de-bonded caulked joints need to be ground out, cleaned, prepped, and apply Sika 2C NS or 2C SL caulking per manufacture's recommendations. This cost was previously negotiated at \$5.25 per lin. ft. equaling \$39,375.00.</p> <p>b. Above grade wall cap repair to EA-4 Pass4: This includes the removal of 1'x30' x 1 ½"+- sq ft of de-laminated concrete wall cap. This area is to be cleaned and prepped per manufacture's recommendations, poured and finished using MasterBuilders S 440/440MC. This cost was previously negotiated equaling \$2,400.00.</p> <p>c. The existing asphalt joint is in the curb abutting the north end of scum building: This existing 660 lin. ft. of asphalt joint and backer rod needs to be removed, prepped, apply a Silka 2C NS or 2C SL caulking per manufactures recommendations. This cost was previously negotiated at \$21.00 per lin. ft. equaling \$13,860.00.</p> <p>d. (4) above grade air duct 12"x12"x18" column footers: This includes the removal and replacement of approximately 30 SF of delaminated concrete. Repairs are to be cleaned, prepped, formed, poured and finished using MasterBuilders S 440/440MC per manufactures recommendations. This cost was previously negotiated equaling \$2,400.00.</p> <p>e. Re-mobilization and De-mobilization: This cost was previously negotiated equaling \$3,000.00.</p> <p>Reason for Change:</p> <p>a. The existing 7500 lin ft caulking joint material is beyond its life expectancy. If these existing slab joints are not ground out and replaced, the concrete joints would continue to deteriorate, and the cracks would get larger and deeper and do more damage to the slab.</p> <p>b. The 30 sq. ft. of de-laminated concrete on top of EA-4 Pass4 needs to be removed and concrete capped off to prevent water from entering the large cracks and causing more damage to the wall.</p> <p>c. The existing asphalt joint, approx. 660 lin. ft., along the scum building is sun melted and has sunk down behind the curb-to-building joint, resulting in the opening of a continuous large gap. If the curb joint is not repaired, water and snow will continue to enter the joint and be subject to freeze/thaw, the concrete curb will break, and possibly cause damage to the building brick veneer.</p> <p>d. The (4) air duct column footers over time have many cracks and annual freeze-thaw has broken away large corners off the footers. If not repaired, the footers will continue to deteriorate causing the above air ducts to be unstable.</p> <p>e. This contractor completed the original slab repairs by contract and de-mobilized. ALCOSAN decided to postpone this additional work to the following spring/summer. So, contractor is entitled to both a Re-mobilization and a De-mobilizations fee for the additional work.</p>	<p>Value of Change: \$61,035.00</p>
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Total Add/<Deduction>:	\$61,035.00
	255 Calendar Days

Raymond Stasny

 Construction Manager, ALCOSAN

OFFICIAL

**ALLEGHENY COUNTY SANITARY AUTHORITY
RESOLUTION NO. 2022-05-01**

A RESOLUTION OF THE ALLEGHENY COUNTY SANITARY AUTHORITY, ALLEGHENY COUNTY, PENNSYLVANIA, AUTHORIZING A DATA USE AGREEMENT WITH THE ALLEGHENY COUNTY HEALTH DEPARTMENT, CARNEGIE MELLON UNIVERSITY, MCCANDLESS TOWNSHIP SANITARY AUTHORITY, AND INDIANA BOROUGH FOR WASTEWATER SAMPLING SERVICES RELATED TO DETECTING COVID-19 IN ALLEGHENY COUNTY.

WHEREAS, the Allegheny County Health Department (“ACHD”), the primary agency charged with COVID-19 mitigation, continues to use wastewater sampling as a strategy to track the status of the spread of COVID-19 in Allegheny County; and

WHEREAS, the Board of Directors of the Allegheny County Sanitary Authority (“ALCOSAN”) approved Resolution No. 2021-10-01 at its October 28, 2021 regular meeting authorizing the Executive Director to execute a wastewater sampling agreement with ACHD to utilize grant funding to protect the public health by tracking the presence of the COVID-19 virus in wastewater to anticipate and prepare for a case surge in Allegheny County; and

WHEREAS, ACHD is coordinating with other wastewater authorities as well as Carnegie Mellon University (“CMU”) to interpret the data collected through various wastewater sampling agreements; and

WHEREAS, ACHD and CMU proposed entering into a data use agreement with ALCOSAN, McCandless Township Sanitary Authority (“MTSA”), and Indiana Borough to address data ownership, the responsibilities of the parties, the confidentiality of records, data procedures, and publication of results.

NOW, THEREFORE, the Board of Directors of ALCOSAN hereby resolves as follows, incorporating the above recitals by reference:

Section 1. The Executive Director is authorized and directed to finalize and then execute the Data Use Agreement between ACHD, CMU, ALCOSAN, MTSA, and Indiana Borough in the general form as attached hereto, made a part hereof by reference, and marked as **Exhibit “A”**.

Section 2. This Resolution shall take effect immediately.

RESOLVED and **ADOPTED** this 19th day of May, 2022, by the Board of Directors of the Allegheny County Sanitary Authority in lawful session duly assembled.

ATTEST:

ALLEGHENY COUNTY SANITARY AUTHORITY

Name: _____
Title: _____

By: _____
Name: _____
Title: _____

(Seal)

EXHIBIT "A"

**Data Use Agreement between Allegheny County Health Department, Carnegie Mellon University,
ALCOSAN, MTSA, and Indiana Borough**

ALLEGHENY COUNTY HEALTH DEPARTMENT
DATA USE AGREEMENT

BETWEEN

ALLEGHENY COUNTY HEALTH DEPARTMENT
AND

ALLEGHENY COUNTY SANITARY AUTHORITY, MCCANDLESS TOWNSHIP
SANITARY AUTHORITY, INDIANA BOROUGH, AND CARNEGIE MELLON
UNIVERSITY

I. PURPOSE

The Allegheny County Health Department (“ACHD” or the “Department”) is the sole public health entity in Allegheny County, and desires to contract with Allegheny County Sanitary Authority (“Alcosan”), Indiana Borough (“Indiana”), McCandless Township Sanitary Authority (“MTSA”), and Carnegie Mellon University (“CMU”).

This Data Use Agreement (“DUA” or “Agreement”) is made by and between the Department, Alcosan, MTSA, Indiana, and CMU (each individually a “Party” and one or more collectively the “Parties”). Alcosan, Indiana, and MTSA are hereinafter collectively referred to as “Wastewater Authorities.”

WHEREAS, the Department has the power and duty to protect the health of the people of this County, and to determine and employ the most efficient and practical means for the prevention and suppression of disease pursuant to 71 P.S. §532; and

WHEREAS, the Wastewater Authorities are in the business of wastewater collection and sampling, as well as other wastewater-related services; and

WHEREAS, CMU is an educational institution that engages, among other activities, in the collection, analysis, use and storage of data; and

WHEREAS, the Wastewater Authorities and CMU desire to provide and the Department desires and deems it necessary in the public interest to use certain services all upon and subject to the terms and conditions set forth herein; and

WHEREAS, this DUA shall establish the Wastewater Authorities and CMU as organizations that are assisting the Department with the Department’s COVID-19 mitigation efforts; and

WHEREAS, the Parties agree to share data with each other and third parties, pursuant to the terms of this Agreement;

III. RESPONSIBILITIES

A. Responsibilities of the Wastewater Authorities:

The Wastewater Authorities shall:

1. Supply all Data that they collect in their assistance of the Department with the Department's COVID-19 mitigation effort to the Department for its analysis and for inclusion in Pennsylvania Department of Health and CDC wastewater surveillance systems.
2. Supply all such Data to CMU for secure storage in accordance with Section IV(B)(2).
3. Provide copies of all Data supplied by the Wastewater Authorities and the Department to any of the other Parties, upon request.

B. Responsibilities of the Department

The Department shall:

1. Provide copies of all Data supplied by the Wastewater Authorities and the Department under this Agreement to any of the other Parties, upon request.
2. Provide copies of Data collected by the Department and the Wastewater Authorities to the Pennsylvania Department of Health.
3. Supply copies of all Data it collects for its COVID-19 mitigation effort to CMU for secure storage.

C. Responsibilities of CMU

CMU shall:

1. Securely store all Data supplied by the Wastewater Authorities and the Department pursuant to this Agreement.
 - a. Specifically, CMU shall comply with all data security protocols stated in Section IV of this Agreement (Confidentiality of Records).
2. Analyze and report the Data for use by ACHD and the Parties and prepare the Data to share with the public. Each Party shall receive copies of the reports.

Except for the warranty provided in Section II above, no Party to this Agreement shall be liable to any other Party for any reason whatsoever. EXCEPT FOR THE WARRANTY PROVIDED ABOVE IN SECTION II, NO PARTY MAKES ANY REPRESENTATIONS AND EXTENDS NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, UNDER THIS AGREEMENT (INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT). NO PARTY SHALL BE LIABLE TO ANY OTHER PARTY FOR LOSS OF PROFITS OR FOR INCIDENTAL, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES FOR ANY REASON WHATSOEVER ARISING OUT OF OR RELATING TO THIS AGREEMENT (INCLUDING ANY BREACH OF THIS AGREEMENT), EVEN IF SUCH PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. CMU DOES NOT GUARANTEE THAT THE RESEARCH WILL BE COMPLETED NOR WHAT, IF ANY, RESULTS MAY BE OBTAINED.

VII. PUBLICATION

CMU is free to publish and otherwise disclose the results of its research (including, but not limited to, reports and papers and other activities conducted under the research), including analyses and/or aggregated reporting of the Data. However, the underlying raw Data may not be published without the consent of the Party providing the Data. CMU may acknowledge the source of the Data in any publications reporting use of such Data.

VIII. MISCELLANEOUS

1. This Agreement and any actions under it shall be governed and construed in accordance with the laws of the Commonwealth of Pennsylvania without regard to its conflicts of laws provisions. Any disputes arising under or relating to this Agreement shall be heard exclusively in the Court of Common Pleas of Allegheny County, Pennsylvania or the United States District Court for the Western District of Pennsylvania.
2. Each Party is subject to any and all applicable export control laws and regulations. As an institution of higher learning, CMU has many foreign national employees and students, and it typically performs fundamental research that is exempt from export control licensing under applicable export control laws. As a result, CMU does not wish to take receipt of export-controlled information or materials except as may be specifically agreed to in advance under a separate agreement by CMU. Each Party providing Data to CMU agrees that it will not provide or make accessible to CMU any export-controlled Data without first informing CMU's Office of Sponsored Programs of the export-controlled nature of the Data and obtaining from CMU's Office of Sponsored Programs its written consent to accept such Data as well as any specific instructions regarding the mechanism pursuant to which such information or materials should be passed.
3. This Agreement is intended to provide only for the handling and protection of Data. It shall not be construed as a teaming, joint venture, partnership or other similar arrangement.

Date: _____

ALLEGHENY COUNTY SANITARY AUTHORITY

Signature: _____

Printed Name: _____

Date: _____

MCCANDLESS TOWNSHIP SANITARY AUTHORITY

Signature: _____

Printed Name: _____

Date: _____

INDIANA BOROUGH, PENNSYLVANIA

Signature: _____

Printed Name: _____

Date: _____