

**AGENDA  
REGULAR MEETING OF THE BOARD OF THE  
ALLEGHENY COUNTY SANITARY AUTHORITY  
THURSDAY, APRIL 28, 2022**

**I. Roll Call  
Pledge of Allegiance**

**II. Informational Items**

- A. Public Comment
- B. WWTP Expansion Cost Report – **Exhibit A** – Kim Kennedy
- C. Report on 2022 Operating Costs and Revenues compared to the budget as per attached **Exhibit B** - Karen Fantoni
- D. GROW – Green Revitalization of Our Waterways – Grant Funding Curve - Tim Prevost
- 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:
  - 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.

**III. Action Items**

- A. Approval of the minutes of the Regular Board Meeting of March 24, 2022.
- B. Consider authorizing payment of invoices in excess of \$20,100.00, processed during the Period of March 15, 2022, through April 18, 2022, and review the summary report of expenses in excess of \$10,900.00, processed during the same period as per attached **Exhibit C**
- C. Motion to award the following contract:
  - 1. Contract No. 1762 "Furnish and Deliver Hydrochloric Acid," to SAL Chemical Company, Inc. at the price of \$0.270 per pound. Bids received are indicated on **Exhibit D**

- D. Motion to authorize the preparation of specifications and advertisement for bids for the following contracts: **Exhibit E**
1. Contract No. 1765, "CCTV Inspection of ALCOSAN Drop Shafts"
- 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:
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.
- F. 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 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).

2. For Hatch under the agreement for Retained Engineer, for an amount not to exceed \$37,020.00 for Misc. Structural Engineering Support Services.
- G. Motion to award 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.
- H. Motion for 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.
- I. Motion for 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.
- J. Motion to approve the Cycle 7 Program Guidelines in a form recommended by the ALCOSAN Board of Directors, Green Committee.
- K. Motion to accept 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, as per attachment **Exhibit F**
- L. Motion to adopt 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.
- M. Motion to adopt 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.
- N. Motion to adopt 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.

**IV. New Business**

**V. Adjournment (Next Meeting: May 19, 2022)**

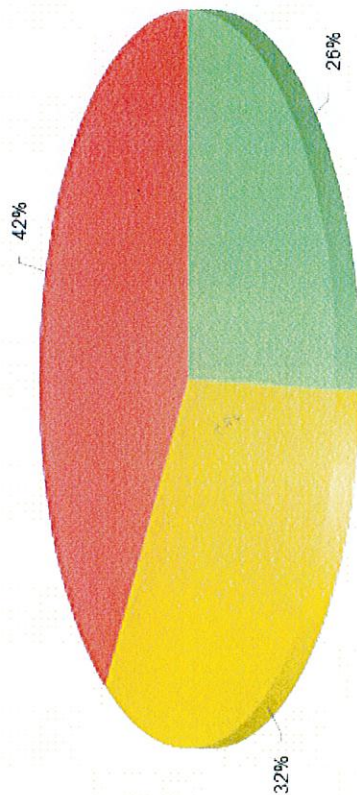


Run Date: 04/26/2022

## 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%	\$806,355	98.1%
Temporary Primary Disinfection	\$502,000	\$0	\$502,000	\$0	\$502,000	0.0%	\$389,911	77.7%
Return Activated Sludge (RAS) Pipe and RAS Pump Replacement	\$19,219,850	\$284,464	\$19,504,314	\$3,326	\$19,507,640	1.5%	\$12,798,877	65.6%
North End Facilities	\$100,293,905	\$9,612,515	\$109,906,420	\$14,251	\$109,920,671	9.6%	\$41,361,483	37.6%
Electrical Distribution System Upgrade	\$12,034,000	\$65,429	\$12,099,429	\$100,388	\$12,199,817	1.4%	\$2,643,787	21.7%
East Headworks	\$87,091,915	\$105,384	\$87,197,299	\$754,841	\$87,952,140	1.0%	\$15,395,205	17.5%
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	\$10,417,387	\$255,485,277	\$872,806	\$256,358,083	4.6%	\$98,844,613	38.6%

WWTP Expansion Program Status



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

	CURRENT EXPENSES				PERCENT OF ANNUAL BUDGET USED TO DATE
	ANNUAL APPROPRIATION	JANUARY 1, 2022	THRU	MARCH 31, 2022	
		APPROPRIATIONS	EXPENDITURES	BALANCE	
INTERCEPTOR MAINTENANCE	\$12,227,100	\$3,056,775	\$1,051,081	\$2,005,694	8.6%
PLANT OPERATIONS	25,857,700	6,464,425	5,922,015	542,410	22.9%
ENVIRONMENTAL COMPLIANCE	5,405,900	1,351,475	970,184	381,291	17.9%
CUSTOMER SERVICE & BILLING	3,824,200	956,050	1,449,370	-493,320	37.9% LS
MANAGEMENT INFORMATION SERVICE	3,562,600	890,650	832,834	57,816	23.4%
PLANT MAINTENANCE	10,336,800	2,584,200	2,441,408	142,792	23.6%
ADMINISTRATION AND ENGINEERING	15,729,600	3,932,400	2,278,758	1,653,642	14.5%
PROFESSIONAL	1,165,000	291,250	157,320	133,930	13.5%
EMPLOYEE BENEFITS	26,035,500	6,508,875	5,236,804	1,272,071	20.1%
TOTAL ALL DEPARTMENTS	\$104,144,400	\$26,036,100	\$20,339,774	\$5,696,326	19.5%
DEBT SERVICE (AMORTIZED) rev for rfnd	60,916,300	\$15,229,075	\$15,229,075	\$0	
	\$165,060,700	\$41,265,175	\$35,568,849	\$5,696,326	21.5%

	CURRENT REVENUES				PERCENT OF ANNUAL PROJECTION RECEIVED TO DATE
	ANNUAL PROJECTION	JANUARY 1, 2022		THRU ACTUAL	
		PROJECTIONS	MARCH 31, 2022 EXCESS		
CURRENT REVENUES	\$192,878,300	\$48,733,235	\$49,394,163	\$660,929	25.6%
					PERCENT OF YEAR EXPIRED
					25.0%

## Change Order Exhibit

Allegheny County Sanitary Authority

<b>Contract No.:</b> 1729H	<b>Change Order Number:</b> 1729H-CO-003
<b>Project Name:</b> East Headworks	<b>Date Issued:</b> 04.26.2022
<b>Contractor:</b> SSM Industries Inc	

<b>PCO:</b> PCO - 00009 Stainless Fire Smoke Dampers	<b>Value of Change:</b> \$18,000.00
<b>Description of Change:</b> Combination Fire/Smoke dampers in the supply ductwork of AHU001-530 and AHU002-530 shall be provided as stainless steel in lieu of the specified galvanized steel construction.	
<b>Reason for Change:</b> ALCOSAN has requested that the fire/smoke dampers be provided as aluminum construction. The contractor has implied and the Engineer has confirmed that the fire/smoke dampers cannot be supplied in aluminum and that the only upgrade available is stainless steel. The contractor priced the work with the specified galvanized dampers and are requesting a contract increase for the stainless upgrade.	

<b>Total Add/&lt;Deduction&gt;:</b>	\$18,000.00
	0 Calendar Days

*Bradley Zook*

Construction Manager, Michael Baker International

**MINUTES  
REGULAR MEETING OF THE BOARD OF THE  
ALLEGHENY COUNTY SANITARY AUTHORITY  
THURSDAY, MARCH 24, 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, Mr. Corey O'Connor, Dr. Shannah Tharp-Gilliam, Mr. Jack Shea (remotely), Messrs. John Weinstein and Harry Readshaw, Representative Emily Kinkead (absent) from the meeting. Also participating were Ms. Arletta Scott Williams, Ms. Michelle Buys, Ms. Kimberly Kennedy, Ms. Karen Fantoni, Ms. Jeanne Clark, Ms. Suzanne Thomas, Ms. Julie Motely-Williams, Messrs. Douglas Jackson, Michael Lichte, Joseph Vallarian (Authority Staff), Max Junker (Babst Calland) Chester Babst (Babst Calland), Tim Rogers (Shaler Township Manager), Jeff Kent (Maher Duessel) and Pat Klein (Maher Duessel).

Everyone stood for the Pledge of Allegiance.

No Public Comment for this meeting.

Mr. Tim Rogers, Shaler Township Manager, gave an update on the annual review from the Advisory Committee Report. Ms. Williams recognized Mr. Roger's leadership and stability that he brings to the Advisory Committee and his partnership and stewardship.

Mr. Jeff Kent, Maher Duessel reported on the 2021 audit. Mr. Kent reported that it was a successful audit. ALCOSAN has a clean opinion, there are no findings, and it was also noted no non-compliance with the debt agreements.

Ms. Kimberly Kennedy, Director of Engineering and Construction, provided the Board with a brief update on the 2022 Capital Budget Status Report, expenditures to date were over \$27,000,000.00. The major expenditures are the Wet Weather Plant Expansion Project, and Mon Sub-Aqueous Lining, Tunnel Program Management and Ohio River Tunnel final design.

Ms. Arletta Scott Williams, Executive Director, provided the Board an explanation on the revised Change Order Policy update. It was stated there is a need to modify how to manage change orders due to the construction activity and large construction activity that will continue for years to come. This change order policy update came by pulling the solicitor in to do research by talking with our program consultants or engineering consultants on processes across the country, and the solicitor also researched local authorities.

Ms. Kimberly Kennedy, Director of Engineering and Construction, provided a presentation on the Revised Change Order Policy, and provided recommendations for the policy update. After the presentation Ms. Kennedy, Ms. Williams and Mr. Junker answered questions from the Board regarding the proposed Change Order Policy update.

Ms. Kimberly Kennedy, Director of Engineering and Construction, gave an update to the Board on the Act 537 Special Study Public Meeting for the Regional Conveyance Facilities and wet weather pump station. There will be two public sessions held on Wednesday, March 30, 2022, one at 10:00 a.m. and another at 7:00 p.m. the public will be able to go to the ALCOSAN website and provide written comments. The public has thirty days to provide written comment.

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 (final), under Contract 1715-E, "Temporary Hypochlorite Storage and Feed System" from Lanco Electric, for the amount of \$5,599.59. These costs are associated with changes to the valve push button stations required for integration into the ALCOSAN system. The original amount of the contract was \$118,800.00. The current value of the contract including this change order is \$124,399.59.

Upon motion of Mr. Harry Readshaw, seconded by Mr. Corey O'Connor, the Board approved the minutes of the Regular Board Meeting of February 24, 2022.

Upon motion of Mr. Corey O'Connor, seconded by Dr. Shannah Tharp-Gilliam, the Board authorized payment of invoices in excess of \$20,100.00 processed during the period of February 15, 2022 through March 14, 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. Corey O'Connor, seconded by Mr. John Weinstein, the Board authorized the preparation of specifications and advertisement for bids for the following contracts:

1. Contract No. 1763, "Access Shafts near A-40 and the M-49 Interceptor Junction"
2. Contract No. 1764, "O-15/O-16 Access Shaft and Regulator Improvements"

Upon motion by Mr. Harry Readshaw, and seconded by Mr. Corey O'Connor, 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. 1, under Contract 1728-E, "Return Activated Sludge (RAS) Pipe and RAS Pump Replacement," from Wellington Power Corporation, for the amount of \$40,129.06. These costs are associated with installation of temporary pump control wiring, testing and integration into the ALCOSAN system, and credits for several lines items that were not performed. The original amount of the contract was \$3,683,000.00. The current value of the contract including this change order is \$3,748,292.34.
2. No. 1, under Contract 1739-E, "Electrical Distribution System Upgrade," from Sargent Electric Company, for the amount of \$65,428.80. These costs are for requested modifications to the 5 kV benchboard being supplied by Contractor and to increase one of the proposed substations from 1200 to 1600 amps. The original amount of the contract was \$9,490,000.00. The current value of the contract including this change order is \$9,555,428.80.



***The item denoted with an asterisk (\*) was discussed at the GROW meeting held on March 17, 2022.***

\*Upon motion by Mr. Corey O'Connor, and seconded by Dr. Shannah Tharp-Gilliam, the Board approved to modify the Grant Agreements for the Green Revitalization of Our Waterways (GROW) Program by extending the Term of the Contract.

Upon motion by Mr. Corey O'Connor, and seconded by Mr. John Weinstein, the Board adopted the following Resolution Nos.:

1. Resolution No. 2022-03-01 to ratify the authorization and submission of an application for a Statewide Local Share Assessment grant of \$1,000,000.00 from the Commonwealth Financing Authority to be used for the Effluent Flushing Water Improvements Project.
2. Resolution No. 2022-03-02 to ratify the authorization and submission of an application for a Statewide Local Share Assessment grant of \$1,000,000.00 from the Commonwealth Financing Authority to be used for the CSO Bypass and Disinfection Project.
3. Resolution No. 2022-03-03 to ratify the authorization and submission of an application for a Statewide Local Share Assessment grant of \$1,000,000.00 from the Commonwealth Financing Authority to be used for the Environmental Compliance Facility.

Upon motion by Mr. Corey O'Connor, and seconded by Mr. Harry Readshaw, the Board adopted Resolution No. 2022-03-04 revising the policy for authorizing construction contract change orders.

Upon motion by Mr. Corey O'Connor, and seconded by Mr. John Weinstein, the Board accepted the Maher Duessel Audit Report for the year ending December 31, 2021.

At the conclusion of the meeting, Mr. Max Junker, Solicitor, responded to recent questions by Members of the Board and articles in the newspaper over the last few days regarding appointments that are made to the outstanding Board of Directors. Mr. Junker gave a thorough explanation of how the Board Members are appointed and how the appointee process works as well as the term process of each appointee.

Ms. Sylvia Wilson mentioned they are very proud that Ms. Arletta Williams was honored by the Engineers' Society of Western Pennsylvania for her lifetime of service. Ms. Wilson acknowledged the wonderful job Ms. Williams does for the Authority and stated the award was well deserved.

The next Board of Directors Meeting will be held on April 28, 2022.

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

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM MARCH 15, 2022 THROUGH APRIL 18, 2022

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
3 Rivers Wet Weather		60,084.46	Professional Services Re: Provide Support Services for Regional Wet Weather Planning Compliance, Service Authorization No. 318, for the Month of February 2022. Invoice No. 2282022 Dated March 2, 2022.
3 Rivers Wet Weather		131,061.24	Professional Services Re: Provide Support Services for Regional Wet Weather Planning Compliance, Service Authorization No. 318, for the Month of March 2022. Invoice No. 3312022 Dated April 4, 2022.
9RoofTops Marketing		30,852.50	Professional Services Re: Alcosan Task 1 Research & Planning, Service Authorization No. 264, for the Month of March 2022 . Invoice No. 24264 Dated April 11, 2022
AE Works	20,246.52		Professional Services Re: Laboratory/Industrial Waste Facility and Parking Garage Design, Service Authorization No. 350, for the Period of February 27 through March 26, 2022. Invoice No. ALCO-002-27 Dated March 26, 2022.
AECOM Technical Services	110,802.73		Professional Services Re: Alcosan Regionalization Analysis and Implementation, Service Authorization No. 299, for the Period of January 1 to January, 28 2022. Invoice No.54/2000597422 Dated February 28, 2022.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM MARCH 15, 2022 THROUGH APRIL 18, 2022

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
AECOM			
Technical Services	94,127.10		Professional Services Re: Alcosan Regionalization Analysis and Implementation, Service Authorization No. 299, for the Period of January 29 to February 18, 2022. Invoice No.55/2000608570 Dated March 31, 2022.
Arcadis	170,201.84		Professional Services Re: Wet Weather Plant Expansion, Service Authorization No. 295, for the Period Ending April 3, 2022. Invoice No. 34290513 Dated April 6, 2022.
Babst, Calland, Clements & Zomnir		46,668.00	Professional Services Re: Legal Matters for the Month of February 2022. Invoice Nos. 1515623 to 1515629 Dated March 8, 2022.
Burch Hydro, Inc.		238,247.61	Biosolids Management Services for the Month of March 2022. Invoice No. 2100 Dated March 31, 2022.
CDM Smith	207,329.37		Professional Services Re: Wet Weather Program Management and Engineering Support Services, Service Authorization No. 289, for the Period of February 13 to March 12, 2022. Invoice No. 90147650/70 Dated March 21, 2022.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM MARCH 15, 2022 THROUGH APRIL 18, 2022

INVOICES OVER \$20,100.00

<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
CDW Government	197,277.92	Master Microsoft Enterprise Licensing Agreement Renewal, per Costars Software Contract No. 006-064. Invoice No. V784363 Dated April 12, 2022.
First American Industries, Inc.	29,007.00	Returned Activated Sludge (RAS) Pipe and Pump Replacement - Plumbing. Contract 1728P, Estimate No. 1.
First Student	36,875.50	Shuttle Service Provided for Employee Parking Covering the Period of February 18 to March 19, 2022 as per Contract No. 1740. Invoice No. 80501876-80501877 Dated April 10, 2022.
G. Stephens, Inc.	44,348.17	Professional Services Re: Alcosan New Laboratory, Industrial Waste and Garage, Service Authorization No. 353, for the Month of February 2022. Invoice No. 7018 Dated March 21, 2022.
Gannett Fleming	26,291.33	Professional Services Re: Construction Management Services for Contract 1725A CIPP Rehabilitation of the Lower Saw Mill Run Interceptor, Service Authorization No. 369, for the Period Ending February 25, 2022. Invoice No. 063112.01*7 Dated March 24, 2022.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM MARCH 15, 2022 THROUGH APRIL 18, 2022

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
GHD, Inc.	211,016.23		Professional Services Re: Alcosan CSO Bypass and Disinfection, Service Authorization No. 361, for the Period Ending February 26, 2022 Invoice No. 380-0009626 Dated March 3, 2022.
Hanna Langholz Wilson Ellis	42,712.90		Professional Services Re: Property and Right of Way Acquisition, Service Authorization No. 316, for the Period Ending March 31, 2022. Invoice No. 35H Dated April 6, 2022.
HDR Engineering	44,099.77		Professional Services Re: North End Facilities New Outfall and Disinfection Facility and New Secondary Clarifiers, Service Authorization No. 322, for the Period of December 26 to January 29, 2022. Invoice No. 1200409988/32 Dated February 15, 2022.
HDR Engineering	39,287.29		Professional Services Re: North End Facilities New Outfall and Disinfection Facility and New Secondary Clarifiers, Service Authorization No. 322, for the Period of January 30 to February 26, 2022. Invoice No. 1200413367/33 Dated March 7, 2022.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM MARCH 15, 2022 THROUGH APRIL 18, 2022

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
HDR Engineering	104,030.75		Professional Services Re: RAS Pipe and RAS Pump Replacement, Service Authorization No. 335, for the Period of December 26, 2021 to February 26, 2022. Invoice No. 1200417360/25 Dated March 16, 2022.
Independent Enterprises, Inc.	693,920.38		CIPP Rehabilitation of Portions of the Monongahela Subaqueous Interceptor. Contract No. 1726, Estimate No. 4.
Independent Enterprises, Inc.	111,316.50		Flap Gate Replacement. Contract 1724, Estimate No. 1.
Independent Enterprises, Inc.	264,244.05		Flap Gate Replacement. Contract 1724, Estimate No. 2.
Integrated Corporate Health		22,743.00	Covid Vaccine and Testing Clinics for the Month of February 2022. Invoice No. 54187 Dated February 28, 2022.
Jacobs Engineering	46,968.79		Professional Services Re: Green Stormwater Infrastructure and Source Controls, Service Authorization No. 302, for the Period of January 29 through February 25, 2022. Invoice No. E3X54600-055 Dated March 3, 2022.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM MARCH 15, 2022 THROUGH APRIL 18, 2022

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Jacobs Engineering	47,664.32		Professional Services Re: Green Stormwater Infrastructure and Source Controls, Service Authorization No. 302, for the Period of February 26 through April 1, 2022. Invoice No. E3X54600-056 Dated April 7, 2022.
Jacobs Engineering	201,529.37		Professional Services Re: Tunnel Program Management, Service Authorization No. 365, for the Month of February 2022. Invoice No. E3X54300-013 Dated March 31, 2022.
Jet Jack, Inc.	62,315.53		2019 Sewer Improvements, Contract No. 1693, Estimate No. 5 & Final.
Keller Equipment		34,670.00	Furnish and Deliver Five (5) Condenser Coils for the Main Pump Station HVAC System. Invoice No. 122-090 Dated April 6, 2022.
Kokosing	892,744.28		RAS Pump and Pipe Replacement. Contract No. 1728G, Estimate No. 13.
Kokosing	804,476.92		RAS Pump and Pipe Replacement. Contract No. 1728G, Estimate No. 14.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM MARCH 15, 2022 THROUGH APRIL 18, 2022

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Kokosing	368,325.00		Electrical Distributions System Upgrades - General. Contract No. 1739G, Estimate No. 3.
Kokosing	124,345.57		Temporary Primary Disinfection. Contract No. 1747, Estimate No. 3.
Link Computer		22,493.40	Set-Up of the New Alcosan Telephone System Including Support for the Period of January 24, 2022 to January 23, 2023. Invoice No. INV153990 Dated March 16, 2022.
Link Computer	142,672.74		New Servers for the JD Edwards Accounting System, per PA CoStars Contract No. 003-040. Invoice No. INV154807CON Dated April 8, 2022.
Mascaro Construction	2,500,211.91		North End Plant Expansion-General, Contract No. 1723G, Estimate No. 18.
Mele & Mele & Sons, Inc.	184,347.50		Modifications to Diversion Chambers A-17 and M-59, Contract No. 1674, Estimate No. 7.



ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM MARCH 15, 2022 THROUGH APRIL 18, 2022

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Michael Baker	321,813.04		Professional Services Re: Wet Weather Plant Expansion, Service Authorization No. 319, for the Period Ending February 27, 2022. Invoice No. 11427330 Dated March 18, 2022.
Mike Coates Construction Co.	358,557.41		Alcosan Parking Garage-General. Contract No. 17356, Estimate No. 6.
Mohawk Lifts	24,586.27		Furnish and Deliver One (1) Tire Changer/Balancer per PA State Contract No. 4400024053. Invoice no. 57167 Dated April 4, 2022.
P. J. Dick, Inc.	1,707,149.43		East Headworks Project-General. Contract No. 17266, Estimate No. 8.
Polydyne, Inc.		49,450.00	Furnish and Deliver Polymers Per Contract No. 1692. Invoice No. 1627107 Dated March 25, 2022.
Quad Three Group	27,316.99		Professional Services Re: Electrical Distribution System Upgrade, Service Authorization No. 324, for the Period Ending March 31, 2022. Invoice No. 0016 Dated April 11, 2022.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM MARCH 15, 2022 THROUGH APRIL 18, 2022

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Rizing LLC		38,640.00	Professional Services Re: SAP Cloud Services for the New Human Resources Information System, Service Authorization No. 368. Invoice No. 90005572 Dated March 31, 2022.
SAK Construction	740,419.74		CIPP Rehabilitation of the Lower Saw Mill Run Interceptor, Contract No. 1725A, Estimate No. 5.
Sargent Electric Co.	560,773.53		Electrical Distribution System Upgrades-Electrical. Contract No. 1739E, Estimate No. 4.
SHI International		25,186.89	Annual Renewal of Adobe Creative Cloud for Teams, Adobe Technical Communication Suite for Teams and Teams Licensing Subscription. Invoice No. B15008441 Dated March 31, 2022.
Shiloh Industrial Contractors, Inc.	39,690.00		Aeration Tank Diffuser Replacement. Contract No. 1733, Estimate No. 7.
T2 Utility Engineers		39,008.64	Professional Services Re: Alcosan Utility Locating Services, Service Authorization No. 370, for the Period Ending February 25, 2022. Invoice No. 608009 Dated March 9, 2022.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM MARCH 15, 2022 THROUGH APRIL 18, 2022

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
U. S. Army Corps of Engineers	255,000.00		Agreement With the Department of the Army for Design and Construction of the Delafield Avenue Stream Inflow Removal, Section 219 Project.
W. G. Tomko & Son, Inc.	36,560.79		Alcosan Parking Garage-Plumbing, Contract No. 1735P, Estimate No. 4.
Wellington Power	249,640.40		RAS Pump and Pipe Replacement - Electrical. Contract No. 1728E, Estimate No. 4.
Whitman, Requardt & Associates	49,945.70		Professional Services Re: Alcosan New East Headworks Facility, Service Authorization No. 329, for the Period of January 16 through February 12, 2022. Invoice No. 34-14430.000 Dated March 4, 2022.
Whitman, Requardt & Associates	70,683.50		Professional Services Re: Alcosan New East Headworks Facility, Service Authorization No. 329, for the Period of February 13 through March 12, 2022. Invoice No. 35-14430.000 Dated April 4, 2022.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM MARCH 15, 2022 THROUGH APRIL 18, 2022

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

<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
9Rooftops Marketing	11,806.25	Professional Services Re: Alcosan CRM Design & Development, Service Authorization No. 264, for the Month of February 2022. Invoice No. 23578 Dated March 8, 2022.
Bronder Technical	12,950.68	Alcosan Parking Garage-Electrical, Contract No. 1735E, Estimate No. 5.
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 January 2022. Invoice No. 54026 Dated January 31, 2022.
IPS/Electro-Mec	12,497.00	Recondition the EFW Pump Motor in Secondary Treatment. Invoice No. 377195 Dated March 3, 2022.
JMT	14,741.58	Professional Services Re: CIPP Rehabilitation of Portions of the Monongahela Subaqueous, Service Authorization No. 364, for the Period Ending February 19, 2022. Invoice No. 9-189796 Dated March 29, 2022.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM MARCH 15, 2022 THROUGH APRIL 18, 2022

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

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Teamviewer Germany		14,290.00	Teamviewer Monitoring and Asset Management/Licensing for the Period of February 27, 2022 to February 26, 3023. Invoice No. R01268343 Dated February 27, 2022.
Wade Trim	19,416.54		Professional Services Re: Effluent Flushing Water System Improvements, Service Authorization No. 356, for the Month of February 2022. Invoice No. 5004604 Dated March 10, 2022.

UTILITY INVOICES EXCEEDING \$10,900.00 PAID DURING THE PERIOD OF MARCH 15, 2022 THRU APRIL 18, 2022

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Direct Energy		75,906.80	Natural Gas Commodity Charges for the Month of February 2022. Invoice No. HS22952984. Account 737446-81920.
Duquesne Light Co.		436,490.69	Electrical Service, 3300 Preble Avenue, February 23 TO March 24, 2022. Account No. 8737-850-000.
Pittsburgh Water & Sewer Authority		44,852.01	Water Service, Treatment Plant, 3300 Preble Avenue for the Month of February 2022. Account No. 50782224-1000652.
Pittsburgh Water & Sewer Authority		51,453.06	Water Service, Treatment Plant, 3300 Preble Avenue for the Month of March 2022. Account No. 50782224-1000652.
Pittsburgh Water & Sewer Authority		19,972.63	Water Service, Treatment Plant, 3300 Preble Avenue for the Month of February 2022. Account No. 5130483-1184246.
Pittsburgh Water & Sewer Authority		25,113.22	Water Service, Treatment Plant, 3300 Preble Avenue for the Month of March 2022. Account No. 5130483-1184246.
Pittsburgh Water & Sewer Authority		37,479.53	Water Service, Treatment Plant, 3285 Preble Avenue for the Month of March 2022. Account No. 50782222-1000581.
TOTAL	12,114,704.96	1,648,973.24	

TABULATION OF BIDS

CONTRACT NO. 1762

FURNISH AND DELIVER HYDROCHLORIC ACID

(BID OPENING ON THURSDAY, APRIL 7, 2022 11:00 A. M.)

<u>COMPANY NAME</u>	<u>PRICE IN FIGURES</u>
SAL CHEMICAL COMPANY, INC.	\$ 0.270

WITNESS:

WITNESS:

Previous Contract No. 1741:

Awarded in April, 2021 to SAL CHEMICAL COMPANY, Inc.

at the price of \$ 0.169 per pound.

**AUTHORIZATION OF PROJECTS FOR ADVERTISEMENT**

Contract No. 1765, "CCTV Inspection of ALCOSAN Drop Shafts",

The purpose of this contract is to comply with the Consent Decree requirement that ALCOSAN performs an inspection of the drop shafts, where the average daily Dry Weather Flow is less than 0.5 MGD, every 10 years. The previous inspection was completed in 2012 under Contract 1470, CCTV Inspection of ALCOSAN Drop Shafts. The drop shafts are inspected using CCTV cameras and are graded using NAASCO pipe conditions criteria.



# Change Order Exhibit

Allegheny County Sanitary

G

<b>Contract No.:</b> 1723G	<b>Change Order Number:</b> 1723G-CO-009
<b>Project Name:</b> North End Facilities	<b>Date Issued:</b> 04.19.2022
<b>Contractor:</b> Mascaro Construction Company, LP	

<b>PCO:</b> PCO - 00035 Chem Building Overhead Door Exterior Mount  <b>Description of Change:</b> Change the mounting of (4) interior overhead coil doors proposed in the Chemical Building to exterior mounted doors. This work includes adding tension side and motor covers (24ga. galv. steel - match curtain color), reverse curtain direction for proper water shedding, add caulk/sealant to top side of hood and cover flanges.  <b>Reason for Change:</b> Door model 625 interior mounted does not fit due to a structural beam running above and the floor slab will interfere with the hood mechanism. The same door type can be installed, but will need to be mounted on the exterior as per SDS-260 review.	<b>Value of Change:</b> \$6,187.00
<b>PCO:</b> PCO - 00031 Existing Structures Continued Demo - North Site Area  <b>Description of Change:</b> Continuation of demolition and partial removal of the existing concrete structure(s) in the footprint of and to the north of the Chlorine Contact Tank that are within the project limits but not shown on the contact drawings. Remove existing structure(s) only to the extents necessary to safely construct the Chlorine Contact Tank structure. This work is to be performed via Force Account.  <b>Reason for Change:</b> The remaining (partially demolished under PCO-06) existing structure(s) at the north end of the project site interfere with the construction of the Chlorine Contact Tank.	<b>Value of Change:</b> \$42,193.00
<b>PCO:</b> PCO - 00034 (Credit) Gate V10 Fence Damage  <b>Description of Change:</b> This credit is for repairs to Alcosan's existing fence and fence post near gate V10. Allegheny Fence Construction Company will replace (1) damaged fence line post and replace 5ft.+/- of 8ft. high fence fabric.  <b>Reason for Change:</b> On February 16, 2022 Black Diamond Equipment Company, a vendor for Mascaro Construction Company, was picking up a piece of equipment. After entering through gate V10, the driver attempted to execute a u-turn and caught a fence post with the back of the trailer and damaged it along with the fence fabric beyond repair. This resulted in the fence line post and fabric to be replaced.	<b>Value of Change:</b> -\$1,180.00
<b>PCO:</b> PCO - 00033 (Credit) 900 Area Butterfly Valve Replacement  <b>Description of Change:</b>	<b>Value of Change:</b> -\$33,649.00

# Change Order Exhibit

Allegheny County Sanitary Authority

There is an existing 36" butterfly valve identified in the EFW pipe of the Effluent Building (Area 900) slated for demolition and replacement by a new gate valve. Reference to this can be found in contract drawings 900-M-10 and 900-MDM-01, and in Shop Drawing Submittal 400561-1.4.A (revisions 0 and 1). As per the direction given in FI-29, the proposed new 36" gate valve is to be replaced instead by a new 36" butterfly valve that conforms to Specification 400565A, submitted as part of FI-29. This will be a manually operated butterfly valve with handwheel and gear box, and the electrical actuator to be otherwise provided with the originally proposed gate valve will be eliminated. Contractor shall provided a credit to Alcosan for this change.

**Reason for Change:**

There is an existing 36" butterfly valve identified in the EFW pipe of the Effluent Building (Area 900) slated for demolition and replacement by a new gate valve. Reference to this can be found in contract drawings 900-M-10 and 900-MDM-01, and in Shop Drawing Submittal 400561-1.4.A (revisions 0 and 1). HDR commented in both SDS submittals that with the replacement valve and its specific dimensions identified, it was critical for Mascaro to verify that there were no overhead obstructions that would interfere with the installation of the proposed gate valve. HDR has since conducted a site visit and determined that there is in fact an electrical pull box over the existing 36" butterfly valve that would interfere with the proposed gate valve. Given this overhead interference, HDR is recommending that the proposed gate valve be replaced instead by a new butterfly valve that conforms to Specification 400565A, submitted as part of FI-29.

**Total Add/<Deduction>:**

**\$13,551.00**

**0 Calendar Days**

*John DeSantis*

Construction Manager, G. Stephens, Inc.

# Change Order Exhibit

Allegheny County Sanitary Authority

<b>Contract No.:</b> 1729G	<b>Change Order Number:</b> 1729G-CO-002
<b>Project Name:</b> East Headworks	<b>Date Issued:</b> 04.26.2022
<b>Contractor:</b> P.J. Dick Incorporated dba P.J. Dick Industrial	

<p><b>PCO:</b> PCO - 00008 South Storm Route Changes</p> <p><b>Description of Change:</b> RFI response 46 requires the contractor to install an additional catch basin and to change the piping materials for a portion of the proposed storm drainage system along the southern road in the project area. Also included in this change is the extension of the proposed waterline system to the east and relocation of the eastern most catch basin to the north and installed as a doghouse manhole over the existing storm drainage system. This work also includes the deletion of a section of storm drainage system in front of the O&amp;M garage door.</p> <p><b>Reason for Change:</b> The proposed storm system along the southern road of the project requires relocation and additional materials to accommodate existing electrical manholes that were not included in the contract drawings. A new catch basin is to be installed at the western most portion of the system and the piping materials were changed from RCP to DIP.</p>	<p><b>Value of Change:</b> \$18,045.00</p>
<p><b>PCO:</b> PCO - 00007 Work impacts installing 24" Plant Drain</p> <p><b>Description of Change:</b> There will be several occasions when work will be impacted by Operational needs to drain multiple tanks or accommodate unforeseen CSO events or otherwise make temporary or permanent repairs to existing facilities by the contractor to assist ALCOSAN to establish available Operational capacity, piping routing, disconnection or reconnection of facilities and utilities, or other activities that may be requested of the contractor by ALCOSAN beyond those that are contractually required prior to this PCO.</p> <p><b>Reason for Change:</b> This change amount is being established as an allowance to use for payment to the contractor for "as-directed by ALCOSAN" work in association with the installation of the 24" Plant Drain. The values paid to the contractor shall be based on the time and materials utilized by the contractor for this work.</p>	<p><b>Value of Change:</b> \$300,000.00</p>
<p><b>PCO:</b> PCO - 00016 Phase 2 Obstruction Removals</p> <p><b>Description of Change:</b> Contractor is to investigate the potential extent of obstructions for temporary shoring soldier beam installations and auger cast piles with cutoff elevations higher than 705, then remove any obstructions found during the investigation.</p> <p><b>Reason for Change:</b> Unforeseen obstructions were encountered during the initial phase of construction so to limit the potential project delays and additional costs these areas shall be cleared of obstructions prior to the installation of the work.</p>	<p><b>Value of Change:</b> \$163,086.00</p>

# Change Order Exhibit

Allegheny County Sanitary Authority

<b>PCO:</b> PCO - 00005 Unforeseen 10" EFW Pipe	<b>Value of Change:</b> \$24,424.00
<b>Description of Change:</b> Install additional 4" steel EFW piping in tunnel East of West Headworks Grit tanks and removal and reinstallation of an existing buried service 10" EFW line North of the West Headworks building. This work is to be completed by the general contractor so that the 10" EFW line will not impact installation of the 24" Plant Drain on grounds of time and safety. The 4" line in the tunnel shall be installed per ALCOSAN direction and completed prior to removal of the 10" buried service line and the 10" buried service line shall be reinstalled immediately after the 24" Plant Drain line is completed in this area. Materials shall match the contract specifications or the existing materials. Leak tests shall be performed at the operating pressure of the facilities.	
<b>Reason for Change:</b> An existing 10" EFW line was found to exist in the road north of the West Headworks. This line was not indicated on the contract drawings therefor it is considered and unforeseen condition that will cause the contractor to incur additional expense.	

<b>Total Add/&lt;Deduction&gt;:</b>	\$505,555.00
	<b>0 Calendar Days</b>

*Bradley Zook*

Construction Manager, Michael Baker International

# Change Order Exhibit

Allegheny County San

G

<b>Contract No.:</b> 1733	<b>Change Order Number:</b> 1733-CO-001
<b>Project Name:</b> Aeration Tank Diffuser Replacement	<b>Date Issued:</b> 04.25.2022
<b>Contractor:</b> Shiloh Industrial Contractors, Inc.	

<b>PCO:</b> PCO - 00001 Aeration Tank Diffuser Project - WA2 River Backflow Tank Flooding	<b>Value of Change:</b> \$34,734.20
<b>Description of Change:</b> Cleaning and rework of flooded piping in Tank WA2 where new diffusers are being installed	
<b>Reason for Change:</b> River backflow flooding into tanks (2/22/22)	

<b>Total Add/&lt;Deduction&gt;:</b>	\$34,734.20
	0 Calendar Days

*Raymond Stasny*

Construction Manager, ALCOSAN

# ALCOSAN

May 16<sup>th</sup> 2022 to May 16<sup>th</sup> 2023  
Property and Casualty Insurance Program  
As of 4/18/22

H

Broker	Carrier	Line of Coverage	Expiring Premium (21-22)	Renewal Premium (22-23)	Change
McGowan	Zurich	Property	667,700	654,653 (1) (2)	(13,047) - 2%
McGowan	Travelers	Excess Property	N/A	178,500 (1)	+178,500 (New Cover)
McGowan	Zurich	Boiler	Included	Included	
McGowan	Zurich	Inland Marine	Included	Included	
McGowan	Zurich	Excess Flood	Included	Included	
Joyce Insurance Group	Atlantic Specialty	Hull and P&I	72,994	79,779	+6,785 +9.3%
McGowan	Hannover	Crime	5,314	5,314	No Change
McGowan	Zurich	General Liability	Included	Included	
McGowan	Zurich	Automobile	Included	Included	
McGowan	Zurich	Umbrella	64,930 Limit = 15,000,000	64,930 (3) Limit = 15,000,000	No Change
McGowan	Zurich	Public Officials	65,337 Limit = 16,000,000	65,337 (4) Limit = 16,000,000	No Change
McGowan	Zurich	Security Professional	Included	Included	
McGowan	Hannover	Fiduciary Liability	7,143 Limit = 1,000,000	7,143 Limit = 1,000,000	No Change
Seubert & Associates	HARIE	Workers Compensation	604,064	618,535 (5)	+14,471 +2.4%
Rogers Insurance Group	Lloyd's of London	Engineers Professional (E&O)	10,859 Limit = 1,000,000	11,576 Limit = 1,000,000	+717 +6.6%
Rogers Insurance Group	Zurich	Pollution	Pre-paid until 5/16/23 Limit = 5,000,000	Pre-paid until 5/16/23 (6) Limit = 5,000,000	Pre-paid 0
Seubert & Associates	Aspen	Active Assailant	15,995 Limit = 3,000,000	18,371 Limit = 3,000,000	+2,376 +14.6%
<b>Total</b>			<b>\$1,514,336</b>	<b>\$1,704,138</b>	<b>+\$189,802 +12.5%</b>

Notes:

1. Zurich Insurance Company through McGowan Governmental Underwriters provided a package renewal consisting of Property, Boiler, Inland Marine, Flood, General Liability, Automobile, Umbrella, and Security Guard Professional. Due to property capacity limitations, the maximum property limit available with Zurich for the renewal = 400M. Excess property placed with Travelers with a limit of 400M xs 400M to satisfy needed coverage.
2. Expiring property values insured with Zurich = 762,580,411. Renewal values based on Industrial Appraisal dated October 2021 = 793,083,627 or +4%
3. Umbrella limit of 15,000,000 is excess cover over General Liability, Automobile, Public Officials, and Security Professional.
4. Public Officials occurrence limit increased from 11,000,000 to 16,000,000 in 2015
5. Total payroll increased by 471,339 or +1.2% from expiring to renewal (38,099,486 to 38,570,825). PA experience modification increased 15.8% from expiring to renewal (from 1.005 to 1.164). Overall premium increase = +2.4%. Approval sought for the 5% safety available in PA and was accepted.
6. The premium shown is for a 3 year term which renewed May 2020 – duration for the renewal term is 5/16/20 to 5/16/23. NOTE -- for year over year comparison the 54,100 was removed from total to isolate those coverages renewing on May 16<sup>th</sup> total change.