

**MINUTES**  
**REGULAR MEETING OF THE BOARD OF THE**  
**ALLEGHENY COUNTY SANITARY AUTHORITY**  
**THURSDAY, SEPTEMBER 27, 2018**

The meeting was called to order at 4:33 p.m. in the office of the Authority, 3300 Preble Avenue, Pittsburgh, Pennsylvania. Those present were Board Members Ms. Sylvia Wilson, Ms. Brenda Smith, Messrs. Harry Readshaw, John Weinstein, Corey O'Connor, Greg Jones; Mr. Jack Shea participated by telephone. Also in attendance were Messrs. Chip Babst (Babst Calland), Mark Scally (Hatch), Ed Kluitenberg (CDM Smith), Mark Wolinsky (3RWW); Ms. Williams, Ms. Oliver, Ms. Clark, Ms. Kennedy, Messrs. Tamilia, Inks, Jackson, and Vallarian, Ms. Croom, Ms. D. Taylor, Ms. DeMasi, Ms. A. Allen, Ms. Buys, Ms. Skundrich, Ms. Sanchioli, Ms. McCarthy, Ms. Marunczak, Ms. Crowe, Ms. Slater-Wood, Ms. George, Messrs. Prevost, and Meyer (Authority staff).

The Chair asked everyone to stand for the Pledge of Allegiance.

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

Mr. John Stephen, a resident of Aspinwall and Coordinator of the Negley Run Watershed Task Force requested to speak during the public comment period. The Task Force is an interdisciplinary working group for dialog, planning, and learning among community leaders and agency representatives throughout the Watershed. Mr. Stephen on behalf of those involved with the Task Force thanked ALCOSAN for its staff participation in the process and the Board for approving two GROW investments in the Watershed. In early September 2018 representatives from various community organizations invited ALCOSAN Directors to tour the Watershed. Mr. Stephen reinforced the invitation and encouraged the invitees to try and attend a coordinated tour on Wednesday, October 3rd at one o'clock (the tour should not last more than two hours). He further stated that the Watershed has many rainwater capture projects and more ideas designed to give ALCOSAN less water, share responsibility for improving regional water quality, mitigating flooding, and improving communities. Strategic ALCOSAN investments with municipal partners could lead to multiple co-benefits within the Watershed communities. The Watershed communities are eager to begin working and brainstorming ideas with ALCOSAN.

Ms. Lisa George (the Authority's Internal Events Coordinator) reported on ALCOSAN's 4th Annual Shirt Off Your Back Fundraiser. Proceeds from this year's fundraiser will be donated to Cribs for Kids, a Pittsburgh-based organization whose mission is to provide cribs to mothers who could not otherwise afford them and educate mothers about unsafe-sleep environments. A total of approximately \$24,000 has been raised over the past three years. Board Member Corey O'Connor's, mother serves on the Board of Crib for Kids. Mr. O'Connor gave a brief overview of how the organization came into existence 20 years ago.

Mr. Bill Inks provided an update on the 2018 Operating Costs and Revenues compared to the budget. The Authority is two-thirds of the way through the budget year. Roughly 63.5% of the operating revenue has been collected and a little over 60% of the annual budget has been spent to

date. Mr. Inks further stated that other than a few challenges with revenue due to the region's extremely wet year and issues facing some of the agencies the Authority works with, the Authority is doing quite well.

The Board acknowledged receipt of the 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 as follows:

1. No. 1, under Contract 1646, "CCTV Inspection, Regionalization Contract One," from Robinson Pipe Cleaning Co., a credit for the amount of \$8,584.60 to adjust the quantities of underutilized bid items and an additional 402 calendar days were needed to account for high flow conditions and additional extents. The original amount of the contract was \$1,762,911.00. The current value of the contract including this change order is \$1,754,326.40.

Upon motion of Mr. Readshaw, seconded by Mr. Weinstein, the Board approved the minutes of the Regular Board Meeting of July 26, 2018.

Upon motion of Mr. Weinstein, seconded by Mr. O'Connor, the Board authorized payment of invoices in excess of \$20,100.00 processed during the period of July 17, 2018 through September 17, 2018, and reviewed the summary report of expenses in excess of \$10,900.00 processed during the same period, a copy of which will be made part of these minutes.

Upon motion of Mr. Readshaw, seconded by Ms. Smith, the Board awarded the following contracts:

1. The Board considered bids received on September 5, 2018, under Contract No. 1693, "2019 Sewer Improvements Contract." Bids were received from Jet Jack, Inc., Frank J. Zottola Construction co., Inc., Pugliano Construction co., Inc., A. Merante Contracting, and A. Folino Construction, Inc. The contract was awarded to Jet Jack, Inc., the lowest responsible bidder meeting the Authority's specifications at their price of \$943,572.00.
2. The Board considered bids received on August 21, 2018, under Contract No. 1700, "Furnish and Deliver Incinerator Bed Sand." The contract was awarded to Christy Minerals, the sole responsible bidder meeting the Authority's specifications at their price of \$540.00 per ton delivered.
3. The Board considered bids received on August 22, 2018, under Contract No. 1702, "Furnish and Deliver Sodium Bisulfite." Bids were received from Southern Ionics, Inc. and PVS Chemicals Solutions, Inc. The contract was awarded to Southern Ionics, Inc., the lowest responsible bidder meeting the Authority's specifications at their price of \$0.104 per pound.
4. The Board considered bids received on September 13, 2018, under Contract No. 1703, "Furnish and Deliver a new Polar Crane for Main Pump Station." Bids were received

from J. Poli, Inc. and Shiloh Industrial Contractors, Inc. The contract was awarded to J. Poli, Inc., the lowest responsible bidder meeting the Authority's specifications at their price of \$549,000.00.

Upon motion of Mr. Weinstein, seconded by Ms. Smith, the Board rejected all bids received on July 3, 2018, under Contract No. 1694, "Refurbishing Main Pump Station Overhead Crane". Ms. Williams stated that the overhead crane will be replaced rather than repaired.

Upon motion of Mr. Weinstein, seconded by Mr. O'Connor, the Board authorized the preparation of specifications and advertisement for bids for the following contracts:

1. Contract No. 1705 "Furnish and Deliver Caustic Soda (Diaphragm Grade)"
2. Contract No. 1706 "Clay Street Separation"
3. Contract No. 1707 "CIPP Lining at Various Locations"

Upon motion of Mr. Shea, seconded by Mr. O'Connor, the Board approved the following change order that exceeds \$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. 5, under Contract 1657G, "Demineralized Water System Upgrades," to Kokosing Industries, for the amount of \$57,629.29 for five changes: a) to re-size components of the Chemical Feed Skid; b) to provide a different control panel per request by Operations; c) to provide additional PLC programming for the integration of ancillary system components; d) to provide larger piping, valves and fittings based on the system's updated functional parameters; and e) to provide a credit to ALCOSAN for costs associated with the extended shut down and contract duration. The original amount of the contract was \$2,354,000.00. The current value of the contract including this change order and previous change orders is \$2,428,330.97.

*The items denoted with an asterisk (\*) were reviewed by the Professional Services Committee at a publicly advertised meeting on September 13, 2018. The Committee unanimously approved and recommended that these items be submitted to the Board.*

\*The Authority issued a Request for Proposals on August 8, 2018. The team proposed by ADS Environmental Services is experienced in the field of nighttime flow isolation, an important part of this project. Additionally, the data will be accessible 24/7 through ADS' software platform which can also be used to identify sites requiring immediate maintenance. The evaluation team recommended award of this contract to ADS Environmental Services. Upon motion of Mr. Weinstein, seconded by Mr. O'Connor, the Board awarded professional services in support of the Flow Monitoring and Flow Isolation Study Program (Capital Project No. S-447) to ADS Environmental Services and authorized the Executive Director to negotiate a fee. This work will identify and assess stormwater and groundwater intrusion into the collection systems of customer municipalities within key sewersheds.

\*Upon motion of Mr. Readshaw, seconded by Mr. Weinstein, the Board awarded Engineering Design Services for the New Outfall and Disinfection Facility (Capital Project No. S-461) and New Secondary Clarifiers (Capital Project No. S-465) for the North End Facilities to HDR and authorized the Executive Director to negotiate the fee.

\*Mr. Tamilya, Director of Environmental Compliance, reported that the Industrial Waste and Laboratory buildings will be under water if they remain in their current locations. The plan is to locate the new facilities close to the Authority due to the transporting of samples that have limited holding times. The laboratory needs require experience and specialized knowledge in designing laboratories. The Authority currently processes about 30,000 to 40,000 tests per year and these numbers are anticipated to increase. There is also a greater need for climate control for more sensitive test required by the government. Based upon a series of criteria identified in the Request for Proposal, the staff evaluation committee recommends award of this contract to AE Works. Upon motion of Mr. Jones, seconded by Ms. Smith, the Board awarded Engineering Services for Capital Project No. S-464 for the New Laboratory and Industrial Waste Facility Assessment to AE Works and authorized the Executive Director to negotiate the fee.

Mr. Prevost, Manager of Wet Weather Programs, provided the Board with an update on Cycle 3 of the GROW Program. Thirty projects were invited to apply and 22 applications were received during this cycle. Nineteen projects are recommended for award, two projects are recommended for extended review, and one project was not recommended for award. The projects are valued at approximately \$9.5 million and over \$4 million is recommended for grant awards for these 19 projects. Cost efficiency ranged from \$0.10 to \$37 per overflow gallon and \$0.03 to \$1.04 per storm water gallon. Six applications had cost efficiency of less than \$0.40 per overflow gallon and were offered an 85% match of GROW funds.

Total range of costs through the three cycles of the GROW Program:

- Total number of projects awarded funds: 79
- Project Value: \$46.7 million
- Matching Funds: \$21.8 million
- Estimated overflow reduction: 120.8 MG
- Average cost efficiency: \$0.39/overflow per gal
- Estimated inflow reduction: 287.2 MG
- Average inflow reduction cost efficiency: \$0.16/gal

Lessons learned from Cycle 3:

- Municipal workshops were successful in identifying strong candidate projects
- Do not phase out the Letter of Interest process (it is needed to augment the municipal workshops)
- Coordination with municipalities early in the process is key in identifying successful/unsuccessful projects
- Expanding funding to include storm water volume reduction added six projects that would not have otherwise been funded in the first two cycles of GROW

Upon motion of Mr. Weinstein, seconded by Mr. Jones, the Board agreed to approve the municipal source control projects for Cycle 3 under the Green Revitalization of Our Waterways (GROW) Program and provide the successful applicants with a Grant Agreement. The Chair noted that this information was reviewed by the Green Committee at a publicly advertised meeting on September 20, 2018 and the Committee unanimously approved and recommended that this information be submitted to the Board.

Ms. Oliver reported that bubbling in the Monongahela River close to the Waterfront and Sandcastle and near the location of the Subaqueous Interceptor was discovered by an ALCOSAN employee on August 17, 2018. CCTV inspection was unable to be accomplished on two occasions due to too much water in the pipe; however, dye test confirmed two breaks in a very unusual portion of the subaqueous line (5700 feet of 24 and 30 inch pipe). Divers performed an assessment of the damage and made temporary repairs in two locations. Approximately, 1100 feet of HDPE pipe was fused and strung along the shore as a temporary solution. It was decided that long-term repair would be performed to capitalize on the by-pass pumping in place (and functioning) and to prevent further deterioration of the interceptor. There is concern that there are other breaks in the line. Attempts to televise even with the repairs were unsuccessful due to too much water and obstruction in the pipe. Proposed repairs include installation of two new manhole access ports. Cofferdams will also be installed to keep water out. Once the manholes are in place the line will be plugged, cleaned, and inspected and a CIPP liner will be installed in the sewer system. This type of work is not covered under any of the Authority's current contracts; therefore, bids were requested from three firms: Brayman Construction Corporation, Carmen Paliotta, and Independent Enterprises Inc. Staff recommended Independent Enterprises Inc. for contract award (*the other firms require assistance to perform the bypass pumping, CCTV inspection, and lining installation which could likely lead to delays*). It is anticipated that this project will take six weeks to complete. The cost of this project is likely to run over \$1 million. Upon motion of Mr. Weinstein, seconded by Mr. Jones, the Board authorized the Emergency repair of the Monongahela subaqueous Interceptor utilizing existing Contract No. 1662, Sewer Improvements and Contract No. 1667 CIPP Lining along Saw Mill Run.

Ms. Williams reminded the Board that as part of the Regionalization Plan, legal documentation is required to transfer ownership of sewers and other related infrastructure from customer municipalities to ALCOSAN. Ms. Oliver summarized the details of the transfer agreement. Sewers that are 10 inches or larger in diameter with more than one municipality sewage flow in the line will be transferred to ALCOSAN. The Sewer Regionalization Implementation Committee (SRIC) determined that if there is sewer utilization from only one house from another municipality the line is deemed a multi-municipal line. This equates to approximately 270 additional miles of sewer system. In comparison, the existing ALCOSAN sewer system is 90 miles. Also included in the transfer are 4 pump stations, 4 equalization tanks (facilities located along the multi-municipal sources, about 80 diversion structures with overflows, and over 6,000 manholes. Upon motion of Mr. Weinstein, seconded by Mr. Jones, the Board adopted Resolution 2018-9-1 authorizing the Executive Director to enter into agreement with ALCOSAN's customer municipalities for the transfer of sewers under its Regionalization of multi-municipal equal or greater than 10" in diameter.

Upon motion of Mr. Jones, seconded by Mr. O'Connor, the Board adopted Resolution 2018-9-2 authorizing the Executive Director to execute and implement the Modified Consent Decree.

The next Board of Directors Meeting will be held on October 25, 2018.

There being no further business, the meeting adjourned at approximately 5:43 p.m.