

**Minutes of the
Regular Board Meeting
Of the Pittsburgh Water and Sewer Authority
Held on December 16, 2022**

This Regular Board Meeting of The Pittsburgh Water and Sewer Authority, having been duly advertised in accordance with the Sunshine Act, was called to order on Friday, December 16, 2022, at approximately 10:00 a.m.

ROLL CALL – All members of the Board were present.

Participants from PWSA: Will Pickering, Debby Gibson, Adam Longwill, BJ McFaddin, Barry King, Ed Barca, Frank Sidari, Julie Mechling, Rebecca Zito, Juan Hirmas, Monica Walaan, Logan Carmichael, Aimee Butch, Elaine Hinrichs, Kevin Pawlos, Paul Spara, Giuseppe Sciulli, Jordan Treaster, Lee Haller, Megan Thiessen, Mike Gaspirini, Dan Thiessen

Also present was Solicitor Danny Cerrone of Clark Hill.

A total of 64 participants were in attendance.

PUBLIC COMMENT – Mr. Meehan of the Shadyside neighborhood wished to discuss a sewer line collapse in front of his home. Mr. Retcofsky of the Oakwood neighborhood discussed a billing issue, as well as a concern about a restoration of a catch basin in front of his home.

EXECUTIVE SESSIONS

Executive Session was held prior to the Board Meeting, wherein legal and personnel matters were discussed. No votes were taken.

APPROVAL OF THE MINUTES

Chair Sciulli entertained a motion to approve the Minutes from the Regular Board Meeting held on November 18, 2022. Dr. Murrell so moved, and Ms. Leber seconded the motion.

No discussion held. The Minutes were unanimously approved.

FINANCIAL REPORT

Ed Barca, Director of Finance, presented the details of the report through November 30, 2022. Year-to-date receipts are up 4.7% or approximately \$8.0 million. This increase is led by water collections, which are up 3.7% or \$4.0 million. Compared to this point in the prior year, direct operating expenses are up 3.9% or approximately \$4.3 million and debt service is up 10.3% or approximately \$6.6 million. These increases are the result of growth within the organization and were budgeted for within the 2022 Operating Budget.

PWSA's cash balance is near an all-time high, with the Finance Department forecasting a \$3.6 million cash-basis year-end 2022 surplus. PWSA plans to utilize a portion of the higher-than-anticipated surplus to pay for costs in full that were originally planned to be financed with short-term debt, such as new vehicles. The 2023 Operating Budget of approximately \$292 million includes increased staffing levels, adequate funding for all regulatory requirements, information technology upgrades, and infrastructure repairs and improvements.

ENGINEERING REPORT

Barry King, Director of Engineering, presented the details of this report. This report will provide a 2022 year in review.

Water Reliability Plan Projects - The Highland No. 2 Reservoir Liner and Cover Replacement is nearly complete with the replacement of 1.475 million square feet of liner and 1.475 million square feet of flexible floating cover for the 125 million-gallon drinking water reservoir that restores a 25-year useful life to the reservoir. Rising Mains 3 Rehabilitation and Replacement was completed on the 50-inch and 48-inch iron and rivetted steel sections of pipe that run between the Breucken PS and HR2. Pipes were constructed in 1903. We replaced 1,950 linear feet by open cut replacement and addressed 3,890 linear feet of rehabilitation through a combination of carbon fiber reinforced polymer and glass fiber reinforced polymer lining that restores a minimum useful life of 50 years. Work commenced on the Highland Reservoir Pump Station Supply and Rising Mains Project in 2022. We will be going to bid for the Highland Reservoir Pump Station Project. Designs continued on the balance of the WRP Projects, including the ABC Projects, and APS to Lanpher Reservoir Redundant Rising Main.

Lead Projects - 2022 was a productive year for PWSA's lead service line replacement program. Activity included small diameter water main replacement contracts, water relay and other water main replacement contracts, LSLR-specific contracts, as well as emergency service line replacements. A significant milestone was reached, having replaced 1,000 public lead service lines in 2022 (along with 894 private lead service lines). During 2022, we performed verification excavations at nearly 2,500 customer locations including, at most of these, our Lead Help Staff obtaining an agreement for the service line replacement. PWSA executed and completed the 2022 Priority LSLR work in its entirety. This project, funded with a combination of \$4.7 million in grants and loans from PENNVEST, did one-off LSLRs targeting day care facilities and locations where there was an exceedance of lead in drinking water. We exceeded the original plan goal to replace 249 public and 206 private lead service lines, replacing 268 public and 301 privates at a total of 318 locations throughout the City. The Neighborhood Lead Service Line Replacement contract, which started in April 2022, will continue until late 2023, funded by the \$17 million of American Rescue Plan Act funds provided by the City of Pittsburgh. To date, we have completed replacements at nearly 1,000 locations in five neighborhoods. The original plan was to complete work at 1,400 locations with the available funding. We anticipate being able to do many more.

Small Diameter Water Main Replacement Projects - For the overall Small Diameter Water Main Replacement contracts, which includes the BRT Fifth and Forbes project, PWSA replaced almost 29,000 linear feet, or 5 ½ miles of water main, as well as 58 fire hydrants and 351 valves, throughout six neighborhoods in the City. 2023 will also be an active year for the small diameter water main and Lead Service Line Replacement programs. There are three Small Diameter Water Main Replacement contracts in the works with over 10 miles of water main and 1,900 service connections where work is planned with these contracts. This work is funded by the recently announced a \$77 million loan and a \$6 million grant from PENNVEST. Work continues on the 2022 Neighborhood Lead Service Line Replacement program, and PWSA has another funding application with PENNVEST for a 2023 Neighborhood Lead Service Line Replacement program. We are planning to work at about 4,000 customer locations in this coming year.

Corrosion Control Treatment - Earlier this year we completed our January to June Lead and Copper Rule Compliance Sampling event, with a 90th percentile lead level of 4.4 parts per billion, well below the action level of 15 parts per billion. Our June to December event is almost complete with very positive results. We anticipate conducting sampling in the January to June 2023 period, submitting an application for water quality parameters to PADEP, and then shifting to annual sampling going forward. Next week we are submitting our 2022 Supplemental Materials Evaluation, also known as Service Line Inventory, to PADEP. After this submittal and the January to June 2023 compliance sampling, all the activities related to our 2017 Consent Order and Agreement with PADEP will be complete.

Sewer Programs - Under the Small Diameter Sewer Rehabilitation Program, PWSA has installed 36 manholes and rehabilitated 18.6 miles of pipe in 2022. To date, 206 catch basins and inlets were replaced under the Catch Basin contract at a cost of \$1.64 million. Three sites have been completed under the Large Diameter Sewer Rehabilitation Program, totaling 1,523 linear feet at a \$1.4 million construction cost.

Stormwater Programs - In 2022, six more stormwater infrastructure projects have been completed in five Pittsburgh neighborhoods, including in Shadyside, Squirrel Hill, South Oakland, Carrick, and Point Breeze North. These projects are addressing excess stormwater, including neighborhood flooding, basement sewage backups, and diminished water quality in Saw Mill Run. This brings the total completed to 18 stormwater projects in recent years. The six projects include the Maryland Avenue Project in Shadyside, the Woodland Road Project on the Chatham Campus in Shadyside, the Wightman Park Phase Two Project in Squirrel Hill, the Volunteers Field Project in the Carrick neighborhood, the Lawn and Ophelia Parklet Renovation Project in South Oakland, and the Thomas and McPherson Project in Point Breeze North.

Ms. Strassburger – I want to thank members of the staff and leadership at PWSA for taking me and some others on a tour of some of these stormwater sites. As Chair of the Stormwater Subcommittee on the Board, it was really helpful to understand the projects.

Mr. Domach – Congratulations on the continued annihilation of lead service lines. There is a multiplier effect where it could be a residence with one person or 10, so just the idea of that may help to further engage the public on the importance of it. What is roughly our positioning and vulnerability if we had to go increasingly to American source, particularly maybe chemicals for the Water Treatment plant?

Mr. King – We do fall within the compliance and adhere to the requirements for America First for a lot of our products whether it's the steel or the chemicals.

Mr. Domach – Would smaller utilities be a little more exposed on this than utilities that can maybe deal with large quantities of things and larger contracts?

Mr. King – I would think that is going to be the case unfortunately.

Mr. Sciulli – That was an impressive list of everything that has been done by the staff, contractors, and our vendors in 2022. It is impressive that our current numbers are so good in terms of lead and monitoring levels. They are now probably as low as we have ever been in terms of lead in our system. A lot of that money is being pumped back into the economy so the ratepayers money is obviously used to pay for the services of clean water and sewer, but by the same token we are a fairly large economic engine for jobs and other compensation in the area.

REPORT OF THE CHIEF ENVIRONMENTAL COMPLIANCE AND ETHICS OFFICER

Frank Sidari, Chief Environmental Compliance and Ethics Officer, presented the details of this report. The federal government has guidelines which include seven elements identified as essential to an effective compliance and ethics program. PWSA has incorporated these elements into our program as follows:

1. Standards of Conduct, Policies, and Procedures - We have in place the Code of Ethics, Code of Conduct, Non-Retaliation Policy, Whistleblower Policy and other supporting policies and procedures. These policies and procedures are available to all staff electronically and in hard copy. Currently we are completing our annual review of these policies and in January will begin the annual employee review and acknowledgement of them.
2. Compliance Officer and Committee - I report directly to the CEO providing autonomy and authority for environmental compliance and ethics efforts. The Board has also formed an Environmental Compliance and Ethics Committee to which I communicate directly and provide updates on compliance and ethics matters.
3. Communication and Education - PWSA has created several on-going training approaches, including organization-wide training using our Learning Management System, small-group in-person training on compliance and safety and scheduled environmental compliance and safety tailgate meetings for our field staff. I am also stationed at the Water Treatment Plant and available to staff in person and electronically to maintain open lines of communication.

4. Internal Monitoring and Auditing - PWSA has conducted multiple audits and assessments throughout the year to help evaluate program effectiveness. The purpose of these audits and assessment is to detect any non-compliant activities at an early stage before they may impact water quality or compliance with regulations and to help us continue to improve and advance our compliance and ethics programs.
5. Reporting and Investigating - PWSA employees and contractors are not only encouraged to raise concerns regarding suspected or known compliance and ethics issues, but are required to do so as stated in our Code of Conduct. We also have implemented a Whistleblower system to allow individuals to make reports anonymously through a third-party. All reports are taken seriously, investigated, and follow-up provided to the reporter.
6. Enforcement and Discipline - Our Code of Conduct includes sanctions for anyone who violates or fails to report violations of any provision of the Code of Conduct, Code of Ethics, or other legal, regulatory, or permitting requirements. PWSA maintains a Discipline Policy which outlines procedures to ensure consistent and fair enforcement of discipline.
7. Response and Prevention - We endeavor to resolve identified problems promptly and develop corrective actions as needed to prevent reoccurrence. Examples include: The implementation of a root cause analysis using "5 Whys" that is incorporated into our chemical spill investigation form, tracking of responses to findings identified in audits and assessments, and the implementation of an Environmental Management Information System platform that will provide electronic accounting of needed corrective actions.

In 2023, we will continue to uphold these seven elements of an effective environmental compliance and ethics program and expand those programs from the water treatment plant to all PWSA facilities.

Ms. Cristello – We just went through an LGBTQ plus training for our organization. Is that something that PWSA does or will consider doing and more specialized training like unconscious biases etcetera?

Mr. Sidari – Not directly in my department. Where that applies is in the Human Resources Department. We have this year conducted a diversity training and a non-discrimination policy.

Ms. Cristello – We for example used Persad, and part of what they will be doing is going through all of our policies to make sure that it aligns with the trainings.

Mr. Sidari – I can't speak directly on behalf of the HR group who looks at the majority of policies.

Mr. Sciulli – Frank you had an impressive year as well. This is a huge upgrade from what we've had in the past.

Ms. Leber – Between the work that Will and Frank have done, I think you’ve done a great job of communicating the commitment to the workforce and the process so that hopefully everybody understands and appreciates and will avail themselves, but also understand the standards that you have implemented.

REPORT OF THE CHIEF EXECUTIVE OFFICER

Will Pickering, Chief Executive Officer, explained the details of this report. As evident from the reports from our various Chiefs and Directors, 2022 is another banner year. Safety is one of our core values. There were a total of 2,500 hours of training provided across the organization, and that’s double what we were able to achieve last year. Some of that was a product of us being more visible here in the office, but also just building out our safety and security team that is based out of the Water Treatment Plant. Our OSHA construction training, first aid, CPR and AED, Defensive Driving, competent persons for excavation, PA 1 Call (which is the process we use before we dig out in the street), and our hazardous material training. Combined on the first aid side we have over 105 certified, which is 30% of the entire organization. Participating in that program gets you points, as well as reporting things to an online system that we are using to document near misses. These are accidents that didn’t happen, but could have happened. To date, employees have been rewarded 4,500 points and we’ll continue to roll that out. Those points are then used on a store where employees can get PWSA apparel and other things. Just making it clear that this is an organizational priority. Shifting gears, I want to recognize the Rise Project team. This is our SAP enterprise resource planning system that replaced our legacy financial and customer information systems and the implementation was substantial. The aim of the program was to address recommendations from our auditors to comply with our PUC requirements. Manual processes are to be eliminated and have been eliminated. We are also improving the customer experience through the customer assistance portal allowing them to have more tools at their disposal and not have to call PWSA if they don’t want to. The Rise Project team officially was an 18-month long effort and we are in implementation. The project team was comprised of 30 individuals across PWSA, and I think it is important to call them out due to their level of effort and commitment. Customer Service was led by Julie Mechling. Her team was also supported by functional leads Tracy Willy, Sharon Gottschalk, Crystal Thurston, Tishla Jones, Andy Hicks, Ken Thurston, Donnette Henning, Nicole Tarver and Natalie Bendzsuk. The Finance Department was led by Ed Barca and was represented by functional leads Rachel Romano, Nicole Dickun John Nagle, Justin Procop, and Thoryn Simpson. MIS was represented by Jason Felser, Director of our IT Department, as well as our Rise Project Manager, Raquel Ludinich, who I really have to go out of my way to commend for her dedication to this project. Raquel was hard at work working on the Rise project for nearly two years and Ryan Dappen on the MIS team as well participated. Our Operations group was led by functional leads Bill Bennett and Ruth Connors, and then finally our Engineering and Public Affairs team were represented by Maura McLaughlin, Giuseppe Sciulli and Juan Hirmas. I also have to acknowledge our Chief of Information and Performance, Lee Haller, who led this 30-person team and kept me posted on the salient elements of the project making sure that the Board was aware of where we were and implementation a huge lift and a big chunk of his time last year. This is one of many ways we are investing in technology to improve our compliance, but

also to improve the customer experience as well. I hope everyone has a safe holiday and we'll be back at it next year.

Dr. Murrell – I really want to acknowledge the job that you and the staff have done in improving our spend when it comes to minority women and disadvantaged business spend. It is really important.

Mr. Pickering – Thank you and thank you for your membership on the Supplier Diversity Committee too.

Ms. McCormick Barron – I would like to echo Audrey's comments and send an overall thanks to the entire PWSA team for really remarkable results and clear drive to continue and to improve.

Mr. Sciulli – I congratulated Barry and Frank, but I forgot to congratulate Ed. So, I want to congratulate him, as well as everyone out there. Before we go into the Resolutions, I want to take a moment and comment on a friend of PWSA who passed away this week--Dr. Stanley States. Stanley served PWSA in some capacity in the Water Department and PWSA for 37 years. He also served this country in the Army Reserves for 25 years and was the author of a number of papers and books, including a book that is used by many utilities on emergency preparedness. During our relationship working together, we went through two of the largest inland oil spills in the history of the United States in the late 80's and our staff in town and staff at the plant worked closely with Stanley, who at the time was the head of Water Quality. We made it through the crisis and nobody in Pittsburgh lost water. Stanley was one of the first people that talked about orthophosphate for our lead. He pushed the idea, he presented research, and talked about the utilities that were using it in the area. We heard today how well the results have been from the implementation of the orthophosphate program and of course the replacement of the lead lines. He was a good guy.

RESOLUTIONS

No. 133 of 2022 Approve and Adopt the 2023 Operating Budget.

Chair Sciulli entertained a motion to approve for discussion. Dr. Murrell so moved, and Ms. Strassburger seconded the motion.

Ms. Leber – This is the point where I wanted to congratulate Ed. I wanted to make a few points. One is the complexity of this organization in terms of the projects and the expenses and the various revenue streams that is amazingly managed by Ed and his team. I also want to comment on the transparency. Ed and his team have done lengthy detailed presentations to both the Finance Committee and the full Board giving all of us a chance to discuss and ask questions and provide input. The third is the commitment.

It is hard to manage a budget like that. It is harder to manage it always keeping the mission in mind, and it is clear that Ed, Jen, and the team do that. There are a number of Resolutions with PENNVEST coming up and it is such a big part of what we do. Ed and the team have managed to develop a very solid relationship that will in the end save our ratepayers money and provide better service.

Dr. Murrell –I just want to echo the comments on transparency.

No further discussion held. The Board unanimously approved, and the Resolution was adopted.

No. 134 of 2022 Acknowledging Receipt of the 2022 Annual Report of the Consulting Engineer.

The Consulting Engineer was ms consultants, inc. They prepare an annual report for PWSA as required by the senior and subordinate bond indentures.

Chair Sciulli entertained a motion to approve for discussion. Ms. Leber so moved, and Ms. McCormick Barron seconded the motion.

Mr. Sciulli – I read the annual report and thought it was very well done. Congratulations to ms consultants and Charlie Jordan, who was one of the primary authors of the report. I thought it reflected well on the Authority.

No further discussion held. The Board unanimously approved, and the Resolution was adopted.

No. 135 of 2022 Awarding Insurance Contracts for Fiscal Year 2023.

The insurance contracts are bid out annually by PWSA by insurance broker First National Insurance. This would be for insurances for property, equipment, Inland Marine, and Terrorism, Business Auto, Workers Compensation, Public Officials Liability/Employment Practice Liability, Umbrella, and Cyber Liability.

Chair Sciulli entertained a motion to approve for discussion. Dr. Murrell so moved, and Ms. Cristello seconded the motion.

Dr. Murrell – What is the industry standard in terms of what cyber liability should look like? Are you expecting that we might have to look at something different in the future?

Mr. Barca – I don't think so. We actually increased our limits this past year for 2022 to try and get out in front of all these cyber threats that are happening right now. I think we have a very good policy and won't need to change.

No further discussion held. The Board unanimously approved, and the Resolution was adopted.

No. 124 of 2022 Approving the Award of Option Year 2 of Multiple Capital Contracts for the 2022 Small Meter Replacement Project to Neptune Technology Group Inc., and L/B Water Inc. Cumulative Capital Budget \$1,801,800.

The scope of work is for the necessary purchase of replacement water meters. The new meters will replace aging meters, which are either malfunctioning, underestimating the actual amount of water being measured, or beyond their useful life.

Chair Sciulli entertained a motion to approve for discussion. Mr. Domach so moved, and Ms. Strassburger seconded the motion.

No discussion held. The Board unanimously approved, and the Resolution was adopted.

Board Chair Sciulli has asked that the following Resolutions be combined as companion resolutions that will only require one vote per pair. They are as follows: 136/137, 138/139, 140/141, 142/143. The Board unanimously approved this request.

**PENNVEST
Resolutions**

No. 136 of 2022 **Authorizing Securing of Funding by the PWSA from the Pennsylvania Infrastructure Investment Authority (“PENNVEST”) in the Aggregate Maximum Principal Amount of \$9,978,156**

No. 137 of 2022 **Approving the Reimbursement Resolution for the Security Upgrades Project as Part of the PENNVEST Closing Process.**

Resolution 136 is for the request to borrow funding for a variety of security enhancements at approximately 24 PWSA Locations. Resolution 137 is to request reimbursement of the funds used for this project.

Chair Sciulli entertained a motion to approve Resolutions 136 and 137 for discussion. Ms. Leber so moved, and Dr. Murrell seconded the motion.

No discussion held. The Board unanimously approved Resolutions 136 and 137, and the Resolutions were adopted.

No. 138 of 2022 **Authorizing Securing of Funding by the PWSA from the Pennsylvania Infrastructure Investment Authority (“PENNVEST”) in the Aggregate Maximum Principal Amount of \$75,529,516.**

No. 139 of 2022 **Approving the Reimbursement Resolution for the Small Diameter Water Main Replacement (Non-Lead) Project as Part of the PENNVEST Closing Process.**

Resolution 138 is to borrow funding for the 2022 Non-Lead Service Line Replacement Program. Resolution 139 is to request reimbursement of the funds used for this project.

Chair Sciulli entertained a motion to approve Resolutions 138 and 139 for discussion. Dr. Murrell so moved, and Ms. Leber seconded the motion.

No discussion held. The Board unanimously approved Resolutions 138 and 139, and the Resolutions were adopted.

No. 140 of 2022 **Authorizing Securing of Funding by the PWSA from the Pennsylvania Infrastructure Investment Authority (“PENNVEST”) in the Aggregate Maximum Principal Amount of \$7,836,396.**

No. 141 of 2022 **Approving the Reimbursement Resolution for the Small Diameter Water Main Replacement (Lead) Project as Part of the PENNVEST Closing Process.**

Resolution 140 is to borrow funding for the 2022 Lead Service Line Replacement Program. Resolution 141 is to request reimbursement of the funds used for this project.

Chair Sciulli entertained a motion to approve Resolutions 140 and 141 for discussion. Dr. Murrell so moved, and Ms. Strassburger seconded the motion.

No discussion held. The Board unanimously approved Resolutions 140 and 141, and the Resolutions were adopted.

No. 142 of 2022 **Authorizing Securing of Funding by the PWSA from the Pennsylvania Infrastructure Investment Authority (“PENNVEST”) in the Aggregate Maximum Principal Amount of \$46,054,410.**

No. 143 of 2022 **Approving the Reimbursement Resolution for the Catch Basin Replacement Project as Part of the PENNVEST Closing Process.**

Resolution 142 is to borrow funding for the 2023-2025 Catch Basin Replacement Program. Resolution 143 is to request reimbursement of the funds used for this project.

Chair Sciulli entertained a motion to approve Resolutions 142 and 143 for discussion. Ms. Leber so moved, and Dr. Murrell seconded the motion.

No discussion held. The Board unanimously approved Resolutions 142 and 143, and the Resolutions were adopted.

No. 144 of 2022 **Approving the Award of a Capital Contract for the Construction of the 2023 Small Diameter Sewer Rehabilitation Indefinite Delivery/Indefinite Quantity – Contract 1 to Jet Jack Inc. Capital Budget \$2,240,675.**

The purpose of this contract is to perform trenchless rehabilitation of sewer mains less than 36-inch diameter to restore structural integrity, reduce root intrusion, and reduce infiltration and inflow through installation of cured-in-place pipe liners.

Chair Sciulli entertained a motion to approve for discussion. Mr. Domach so moved, and Dr. Murrell seconded the motion.

Ms. Cristello – On the supplier diversity piece I see that put VBE? They are specifically saying that that’s how they will meet that diversity?

Mr. King – In this instance, the specific subcontractor that they are looking at is veteran and that is their specific diversity designation. It is not that they are intentionally not looking at women and minority, it just so happens that for this particular project that is the one they are looking to utilize.

No further discussion held. The Board unanimously approved, and the Resolution was adopted.

No. 145 of 2022

Approval to Enter Into a Relocation Agreement with Peoples Natural Gas, LLC and to Provide Compensation to Peoples for the Relocation of Peoples infrastructure to Accommodate the 2020 Sewers Under Structures Contract 1 – Carroll Street site. Capital Budget Not-to-Exceed \$83,005.79

The Sewers Under Structures program aims to rehabilitate or relocate sewer mains located under or adjacent to buildings, bridges, railroads, major utilities, or located on steep slopes.

Chair Sciulli entertained a motion to approve for discussion. Ms. Leber so moved, and Ms. McCormick Barron seconded the motion.

Dr. Murrell – Do we reimburse this?

Mr. King –When it’s a sewer, unless you are going to put in a pump station, you can’t arbitrarily adjust the height of the sewer. It has to follow that common grade. Their pipe is clearly conflicting with our 24-inch sewer, and it has to be moved to be able to complete our restoration.

No further discussion held. The Board unanimously approved, and the Resolution was adopted.

No. 146 of 2022 Approving an Amendment of a Professional Services Agreement, Capital, for Design and Engineering Services for Four Mile Run Stormwater Improvements to Johnson, Mirmiran, and Thompson, Inc. (JMT) Capital Budget \$402,101.60

This project is part of ongoing efforts to address flooding and combined sewer overflows in the M29 sewershed. This amendment is to include incorporating Authority-directed changes to project limits for the stormwater improvements, incorporate the larger diameter water main relocation into the stormwater project and to obtain applicable permits related to the modified project scope.

Chair Sciulli entertained a motion to approve for discussion. Ms. Leber so moved and Ms. Strassburger seconded the motion.

No discussion held. The Board unanimously approved, and the Resolution was adopted.

No. 147 of 2022 Approval of Water Treatment Plant Chemicals Sodium Hypochlorite, Option Year 1 Contract to Univar Solutions USA, Inc. Operating Budget \$2,177,381.53

Sodium Hypochlorite addition is an essential part of water production for disinfection. Nationally there is a shortage of this chemical due to lack of raw goods for manufacturing. PWSA previously had a contract in place for this chemical, but the supplier could not meet the requirements of the contract.

Chair Sciulli entertained a motion to approve for discussion. Mr. Domach so moved, and Dr. Murrell seconded the motion.

No discussion held. The Board unanimously approved, and the Resolution was adopted.

No. 148 of 2022 Approval of Water Treatment Chemicals Option Year 2 to BioSafe Systems, PVS Technologies, Polydyne Inc., SAL Chemical, Univar Solutions, and W.K. Merriman. Operating Budget \$5,603,213.

Water treatment chemicals are the most essential commodity for the production of high-quality drinking water that PWSA provides the city of Pittsburgh.

Chair Sciulli entertained a motion for discussion. Mr. Domach so moved, and Dr. Murrell seconded the motion.

No discussion held. The Board unanimously approved, and the Resolution was adopted.

ADJOURNMENT OF THE MONTHLY BOARD MEETING

Chair Sciulli – On behalf of the Board, I want to wish everyone--our ratepayers, our employees, staff, vendors, and all of our suppliers--happy holidays. It has been a special year in many ways and you've made it special with the work that you've done.

Chair Sciulli entertained a motion to adjourn the Board Meeting. Dr. Murrell so moved, and Ms. McCormick Barron seconded the motion.

The next scheduled Regular Board Meeting will take place on Friday, January 27, 2023.

BJ Leber

BJ Leber, Secretary