

**MEETING OF THE BOARD  
THE WILKINSBURG-PENN JOINT WATER AUTHORITY  
February 27, 2024**

**ORDER OF BUSINESS**

**Roll Call**

**II Pledge of Allegiance**

**III Public Comment Period**

**IV Approval of Meeting Minutes**

Reorganization Meeting of January 23, 2024  
Workshop Meeting Minutes of January 23, 2024  
Regular Meeting Minutes of January 23, 2024

**V Bills and Communications**

- Approve Contract 21-003 - Nadine Pump Station Motor & VFD
- Approve Change Order No. 1, Contract 21-003- Nadine Pump Station Motor & VFD
- Approval Change Order No. 3 Contract 21-014 - Sedimentation Tank Rehabilitation
- Approve Contract 22-006 - Three (3) Cone Valve Replacements

**VI Report of Officers:**

- Chairman
- Vice Chairman
- Secretary
- Treasurer

Ratification of expenditures from January 13, 2024, through February 16, 2024, in the amount of \$1,895,806.29. Electronic transfers have been included but are not reflected in the total. In addition, we will need authorization of expenditures through March 26, 2024.

**VII Report of Committees**

- Executive Committee
- Finance Committee
- Labor Committee
- Policy Committee
- Engineering Committee

**VIII Consultants' Reports - Comments**

- Consulting Engineer
- Solicitor

**IX Report of Management**

**X Unfinished Business**

**XI New Business**

**XII Adjournment**

**THE WILKINSBURG-PENN JOINT WATER AUTHORITY**  
**REPORT OF MANAGEMENT**

February 27, 2024

- Authorization to approve the 2022 Audit, as presented at the regular meeting of January 23, 2024.
- Authorization to approve Contract 21-003 - Nadine Pump Station Motor & VFD to Elcon Technologies, the lowest responsible bidder in the amount of \$2,365,016. Bid opening was December 21, 2023.
- Approval of Change Order Number 1 - Contract 21-003 - Nadine Pump Station Motor & VFD to decrease contract by \$375,016 with Elcon Technologies for various Deletions and Price Reductions.
- Authorization to prepare specifications and bid Contract 24-001 - Service Line Verifications Phase 4. Bid opening is scheduled for February 29, 2024. In addition, provide the Executive Director the authorization to approve the contract to the lowest responsible bidder with ratification to be completed at the March 26, 2024, Board Meeting.
- Approval of Change Order Number 3 - Contract 21-014- Sedimentation Tank Rehabilitation to increase contract by \$86,895 for Filter No 11 Rehabilitation. There is a leak in the filter that needs repaired.
- Authorization to approve Contract 22-006 - Three (3) Cone Valve Replacements to McClure Co., the lowest responsible bidder in the amount of \$494,605. Bid tab is included in your packet. Bid opening was February 22, 2024
- Authorization to purchase building and five (5) 1,050 gallons tanks for the Nadine Permanganate System from BissNuss Inc. in the amount of \$119,878. Bissnuss, Inc. is a Co-Stars Vendor.
- Authorization to purchase a Pump and VFD for Pitcairn Pump Station from USEMCO in the amount of \$109,200. USEMCO is a Co-Stars Vendor.
- Authorization to purchase a building for the Pitcairn Pumps Station from BissNuss Inc. in the amount of \$43,808. Bissnuss, Inc. is a Co-Stars Vendor.
- Update on The UMBS software. Delinquency process still on hold. Updating meter reading software at end of March.

- Tyler Software - Spending a lot of time on payroll software, W-2 errors have been corrected. Working on implementing Accounts Receivable system to do miscellaneous billing. Inventory, General Ledger, Bank Reconciliation and Project Accounting still in being fully implemented.
- Citiworks and GIS system on hold until we can figure out a problem with the syncing of service orders.
- Review of Citizens Advisory Council proposed structure. Preliminary structure is in your packet.
- Authorization to enter into agreement with Dollar Energy fund on a Customer Assistance Program. Initial contribution is estimated to be \$50,000.
- Authorization to enter into a preliminary design agreement with ms Consultants for an Onsite Chlorine Generating System at the Tyler Water Treatment Plant. The agreement will contain a provision for the Authority to terminate the project if it turns out the savings do not justify the costs of the project.
- There has been a total of 92 breaks since our January 23, 2024, meeting. Included in your packet is a breakdown by Municipality of all Distribution Work done during the last two months.

**WILKINSBURG PENN JOINT WATER AUTHORITY**  
**FEBRUARY 27, 2024**

**ms consultants - MONTHLY ENGINEER'S REPORT**

**PENNVEST LEAD SERVICE LINE PROJECT**

JetJack continues to work with one crew on the Phase I project. At the end of February, the construction money remaining is expected to be less than \$100,000. At that point, new replacements will end, and the remaining money will be set aside for restoration work.

The updated listing of completed work by municipality is attached.

**PENNVEST LEAD SERVICE LINE PROJECT - PHASE 2**

Bova has been continuously working since early November. Although the work has been fine, it has also been very slow. They are completing about 4 per week. At that pace, the 505 in the contract will take over 120 weeks or 840 days. This is significantly longer than the 480 days in the contract. We continue to push and provide suggestions and they are not happy with the progress. They have asked to add a second crew, but this stretches Authority forces even more than currently when issues occur.

JetJack has been working continuously on Phase 2 in late December. Phase 2 work has also been slow on their behalf.

We have attached a summary for Phase 2 with the Phase I summary and provided a list of addresses completed for each municipality to the respective Board Member.

Inspection status has significantly improved. At this point, we have completed or schedule almost 700 inspections out of 1,030 agreements. A large percentage of the outstanding are from Wilkinsburg since we have not called them through the Authority notify system. We intend on doing that over the next two weeks. The goal is to get the inspections scheduled by the end of March.

The Authority was also contacted by EPA relative to Vice President HaiTis' trip last week. Although our efforts to assist turned out to be unsuccessful, we had numerous conversations with EPA and the White House.

**SERVICE LINE IDENTIFICATION PROJECT**

Lawson Excavation is on hold at the moment as they complete other projects for Authority.

Bids will be received for the 500 random verifications required to meet PA DEP requirements on February 29<sup>th</sup>. In order to get the process started, I would recommend that the Executive Director be given authorization to award prior to the March 26<sup>th</sup> meeting so that work can begin in April.

We have completed a check of the first 750 service lines from Phase I and determined a 97% accuracy of Authority records.

#### **NADINE PUMP STATION PERMANGANATE ISSUE**

We received the permit from PA DEP. To speed up the process, we have received a Co-Stars quote for a prefabricated building and 5-1,050 gallon tanks. The price is from BissNuss in the amount of \$119,878 and we recommend approval of the quotation. The Authority will most likely use Lawson Excavating to pour a floor slab, set the building, install the tanks, and run the building piping (100 ft) using the Miscellaneous Contract.

#### **BROADWAY BOULEYARD WATER LINE (PITCAIRN)**

Lawson has made excellent progress over the last 60 days and has installed over 40% of the piping. Work is complete between Reservoir 4 and Pitcairn.

The cured in place lining portion of the project is mostly complete and was not a smooth project. We are still working with the contractor regarding completing the project and expect several delay claims due to the inability of the Authority to complete certain items. Specifically, they wanted to start immediately after the cold snap in February when 100s of customers were out of water and the Authority had issues getting a valve to close which delayed them a couple of days. Based on the issues we experienced, we will have to think carefully about completing a similar project in the future.

#### **CONE VALVE REPLACEMENT**

Bids were opened from the replacement of the last 3 cone valves at the Nadine Pump Station. Three bids were received with the lowest bid from the McClure Co. in the amount of \$494,605. When this project was bid previously for the installation of 2 valves, the low bid was \$530,000. We have worked with McClure with the West View Water Authority and recommend award.

#### **EAST MCKEESPORT TANK REPLACEMENT**

Tank being fabricated and we expect to start demolition and foundation work in June.

#### **SEDIMENTATION BASIN REHABILITATION**

We had a preconstruction meeting with DN Tanks in mid-February. DN has provided a price for the rehabilitation of Filter No. 11. This is the filter that DEP required shutdown due to a leak through an exterior wall. A later inspection found concrete defects in the filter as well as penetrations from a past rehabilitation project. DN provided a price of \$86,895 for the rehabilitation of the tank. We are recommending approval of Change Order No. 3 to DN Tanks for the \$86,895. If this change order is approved, work will start the second half of March and then the contractor will move into Sedimentation Basin No. 1.

## **NADINE PUMP STATION VFD AND MOTOR REPLACEMENT**

Last month, the Board approved proceeding with the project if the contractor was able to reduce their price below \$2,000,000. Elcon reduced their price to \$1,990,000 and we proceeded with execution of contracts and bonds. Since that time, we have decided to move the VFD into a recently abandoned building at Nadine. This change should reduce the overall cost further since a structure can be deleted and the VFDs will not need heat or air conditioning. We expect this deduct to be over \$100,000.

## **PUMP NO. 2 REBUILD**

Contracts executed and work to begin once Pump 3A is re-installed.

## **WTP CHLORINE GENERATION**

We expect to have a price for the design of the chlorine generation before the Board meeting. We will be including an opt-out clause for the Authority prior to the Preliminary Engineering phase completion in the event the costs are significantly higher than expected or the savings are significantly lower.

## **PITCAIRN TANK VFD**

We have been working with the Authority to address a pressure issue in Pitcairn. The Authority purchases water from Monroeville for approximately 70 homes due to a lack of pressure. We are proposing the installation of a pumping system to provide the pressure and eliminate Monroeville. We have received two Co-Stars quotes for the pump and prefabricated building. The pumpNFD system is from USEMCO for \$109,200 and from BissNuss for the building for \$43,808. We recommend award.