

**MUNICIPAL WATER AUTHORITY OF ALIQUIPPA
BOARD MEETING
January 15, 2020**

The regular meeting of the Municipal Water Authority of Aliquippa Board of Directors was called to order Wednesday, January 15, 2020 at 6:12 PM at the Office of the Authority, 160 Hopewell Avenue, Aliquippa, Pennsylvania 15001.

All attendees were asked to stand and recite the Pledge of Allegiance.

The following members present:

Mr. Matthew Mottes – Chairman
Mr. Wilbur Moreland – Secretary - arrived at 6:35 pm
Mr. Jason Stauffer –Treasurer
Mr. Robert Steffes – Vice-Chairman
Ms. Heather Vono – Asst. Secretary / Treasurer

Absent:

None

Non-members present:

Mr. Robert J. Bible – General Manager
Mr. Art Piroli – Operations Supervisor
Ms. Denise McCoy – Office Manager for the Authority
Mr. Dennis Bires – Water Filtration Plant, Supervisor
Mr. Ned Mitrovich and Ryan Contestible. P.E. -
Lennon, Smith, Souleret Engineering, Inc.

Visitors:

Kevin Cameron 311 4th Avenue, Aliquippa, Pa 15001
Ken Miller 1823 Davidson Street, Aliquippa, Pa. 15001

Mr. Cameron stated he's here on behalf of his father CJ Cameron, who is ill. The bill at Mr. Cameron's property at 216 2nd Avenue is very high and also he was charged for garbage service he is currently not utilizing due to the home being under construction. He is hoping the billed amount to be reduced. Mr. Cameron explained the repairs that have been done at the residence. After discussion the Board agreed Mr. Bible will investigate and be in contact with Mr. Cameron regarding this matter.

Mr. Miller stated at his rental home 1821 Davidson Street, they are experiencing low pressure and there is water in the basement. Office manager Denise McCoy will set an appointment with Mr. Miller to schedule a service call to determine what may be the cause.

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APPROVAL OF MINUTES

Motion was made by Mr. Mottes to approve the minutes of the December 11, 2019 regular meeting; the motion was seconded by Steffes. Motion carried – 5 ayes, 0 nays.

TREASURER’S REPORT

Motion was made by Mr. Mottes to approve the Treasurer’s Report for Water and Sewage for the month of December 2019, seconded by Mr. Steffes. Motion carried – 5 ayes, 0 nays.

TO PAY BILLS AS SUBMITTED

Motion was made by Mr. Mottes to approve the payment of bills for the period December 11, 2019 through January 10, 2020 motion was seconded by Mr. Steffes. Motion carried – 5 ayes, 0 nays.

PAYROLL FOR THE MONTH OF JANUARY 2020

| | |
|-----------------------------|---------------------|
| Total Salary Payroll | \$54,445.19 |
| Total Water Hourly | \$91,882.59 |
| Total Sewer Hourly | \$52,820.48 |
| Total | \$199,148.26 |

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CORRESPONDENCE

Ms. McCoy read a Thank You from Mr. William Lawbaugh card addressed to Mr. Bible and Mr. Mottes.

GENERAL MANAGER'S REPORT

Mr. Bible reported:

- Garbage totals for 2019: The Authority billed \$852T in garbage for 2019, \$724T was collected, and \$655T was paid to the City of Aliquippa.
- Chad Douglas of 211 Main Ave asked to have the meter change/testing fee of \$125.00 waived. After Board discussion the will not be waived.
- Aldo DeSantis, owner of a 3 unit apartment building requested to only be charged garbage when the unit is occupied. Currently he is charged \$165.00 per quarter. After Board discussion, he will continue to be charged for the three units, the Authority has no way of knowing when a unit is vacant.
- Mr. Bible informed the board he is involved in a lawsuit; Eugene Smith, Jr., owner of a property on Todd Street vs Cook Brother Demolition. Mr. Bible is a witness for Cook Brothers.
- The Authority would like to obtain 8 parcels of property in West Aliquippa where our PRV is located. The City approved the purchase, the taxes owed prior to 2016 will be exonerated any taxes owed after 2016 the Authority is responsible for paying.
- The Bidding Thresholds for 2020:
 - ✓ Below \$11,300.00 require no formal bidding
 - ✓ Between \$11,300.00 and \$21,000 require three written/telephone quotations
 - ✓ Over \$21,000.00 require formal bidding
- Corrective Action Plan: DEP approved our request for 100 taps for 2020.
- CDBG Application is due March 31, 2020; the Authority will be submitting for the Sutton Street waterline replacement project.
- The rates for account billed on a monthly basis are incorrect; the accounts have been under-billed. Letters will be sent to the customers billed monthly.

COMMENTS FROM THE BOARD OF DIRECTORS

- Ms. Vono stated she has written (two) versions of a letter to businesses requesting donations to the Water Assistance Fund.
- Ms. Vono asked is there someone on site to do web development? Ms. McCoy suggested checking with Job Training for Beaver County.
- Mr. Mottes reported Tim Miller of H2o Recovery, LLC is requesting a rate lower than the Authority sewer rate. After discussion all agreed there will be no reduction to the rate for H2o Recovery, LLC.

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ENGINEERS REPORT

Note: Items in *Italics* are identical to prior reports. Such items will be carried until resolved.

1. **Administrative Consent Order (ACO):** PaDEP has issued an Administrative Consent Order (ACO) pertaining to the water system and water treatment plant dated December 19, 2019. The ACO requires:

1. Submission of a revised Sample Site Plan and Materials Evaluation by April 30, 2020.
2. No later than June 30, 2020 Collect Lead and Copper Samples in accordance with the revised Sample Site Plan at 60 locations in the distribution system at a 6-month monitoring frequency.
3. Immediately begin weekly sampling for Iron and Manganese at the entry point and monthly sampling for Iron and Manganese at 10 locations within the distribution system. Samples required to be analyzed by DEP Certified Laboratory.
4. Submit "complete and technically sufficient" permit application for new greensand filtration system by June 1, 2020.

LSSE is coordinating with staff, Manager, and Plant Superintendent to develop a plan to implement the ACO requirements.

2. **West Tank and PRV Contract:** *Submission of remaining steel certifications remains for closeout.* Steel Certifications have been received. Final Payment Request has been received in the amount of \$30,218.66 has been received (Attachment A). Suggest approval of same.

PaDEP has advised that a letter request will be required for Old West Tank demolition. . LSSE has coordinate all permitting requirements with PaDEP regarding demolition of the Old West Tank. See below.

Mr. Mitrovich asked the board to approve adding the Demolition of the West Water Tank advertisement in with the two (2) truck advertisements for bids, for cost saving.

Mr. Mottes made a motion to include the advertisement for the West Tank Demolition along with the two (2) truck advertisements. Mr. Moreland seconded the motion. Motion carried – 5 ayes, 0 nays.

Mr. Steffes made a motion to approve the final payment to Stefanik's Next Generation Contracting, Co., in the amount of \$30,218.66, for the West Aliquippa Water System Improvement Project. Mr. Stauffer seconded the motion. Motion carried – 5 ayes, 0 nays.

3. **Water Plant:** *As authorized, LSSE has prepared conceptual cost estimate for the new 5.76 MGD water plant. This is for a pressure filter greensand design with chlorine disinfection. Survey work for plant site and surrounding properties to refine preliminary site plans and layouts is complete. Design underway.*
4. **Wastewater Treatment Plant TRC Improvements:** *Construction is complete. There was an issue with a pump VFD. The faulty VFD has been removed by the Contractor and sent to the manufacturer for evaluation/repair. The pump repair is complete and the pump is back onsite. The VFD has been shipped. The Contractor has advised it will be installed next week.*

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5. **PA Small Water and Sewer Grant:** *The grant application for water system valve replacement was submitted to DCED. Following the September 18, 2018 meeting, CFA published a listing of projects approved for funding including funding of the total grant request for the Water System Valve Replacement project in the amount of \$425,000.00. The local match is \$75,000.00 (15%). LSSE will be meeting with Manager to determine final scope. Grant funds need to be expended by June 30, 2021.*

6. **Fiscal Year 2018 CDBG Program (Green Street Waterline Replacement):** *Authority received \$100,000 in funding for the Green Street Waterline Replacement Project. Contract was awarded to Glenn Johnston, Inc. in the amount of \$321,285.00. LSSE is incorporating connectivity discovered in the field during construction into the system mapping. Line is complete and tested including service reconnections including trench restoration. AVRs (Alleged Violation Reports) were submitted to PUC as the Contractor claimed he struck four unmarked utilities. The PUC has requested additional information. LSSE is preparing a response. Punchlist items remain outstanding. Partial Payment Request No. 2 in the amount of \$37,968.41 was sent to CDBG for approval (Attachment B).*
 - **Green Street Roadway Repair:** *Glenn Johnston advised that they are unable to complete the additional full roadway restoration requested by the Authority. Bid report issued to MWAA (Attachment C). Contract was awarded to Youngblood Paving, Inc. in the amount of \$49,718.00 (Attachment D). Notice to proceed to be issued within next week. Youngblood Paving, Inc. has advised the work will be scheduled in the next few weeks.*

Mr. Mottes made a motion to approve the Green Street Roadway Repair Project be awarded to Youngblood Paving, Inc., in the amount of \$49,718.00. Mr. Steffes seconded the motion. Motion carried – 5 ayes, 0 nays.

7. **System Mapping:** *Work is ongoing. Raccoon water system mapping has been completed. West Aliquippa water and sanitary system mapping has been completed. McDonald Heights/Logstown water and sanitary system mapping has been completed. Plan 6 water and sanitary sewer mapping has been completed. Additional field work to resume later this month. A review of basement drawings to be this month.*

8. **Wye Lift Station Bar Screen:** *Existing gates and valves for screen bypass require replacement. Bypass pumping will be required. LSSE met with Manager Bible to review final scope. In addition to screen replacement: influent and bypass gates will be replaced, wet well will be cleaned and inspected, permanent bypass pumping connections will be installed, and the electrical items in the screen room will be replaced to meet current requirements. LSSE is working on design and bidding documents. Screen manufacturer has confirmed that a new screen can be installed in the existing building without major building modifications. LSSE met with Manager Bible to review plans. Bids will be opened January 22, 2020.*

9. **NPDES Permit Renewal:** *Submission due to PaDEP by June 3, 2019. The permit application was submitted May 24, 2019.*

10. **Annual WET Testing:** *This testing is a new requirement per the NPDES permit renewal. LSSE coordinated with CWM and the Authority Manager to authorize and complete the testing. Sampling is scheduled for late January 2020.*

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11. PaDEP Sanitary Sewer System Plan of Action / Correction Action Plan (CAP):

- *The Authority received notice from PaDEP on July 19, 2018 that submission of a CAP is required. CAP submitted to PaDEP following the September 2018 meeting. PaDEP approved the CAP. LSSE is reviewing the Annual CAP Progress Report with the Manager, report to be submitted in January 2020 to PaDEP as required.*
- *New taps – 125 EDUs were requested and approved by DEP. Taps expire December 31, 2020.*
- **Sewer Flow Characterization/Flow Monitoring Program:**
 - *LSSE located manholes in the field and is connecting the system using historic drawings. Bottleneck found where a 15-inch and 18-inch sanitary sewer flow into an 18-inch line. This is the likely cause of the flooding in this area. Restriction is at intersection of Orchard and Franklin.*
 - **Smoke/Dye/CCTV:** *Phase I scope of work is currently in development and planned for spring 2020.*
 - **Flow Monitoring:** *Phase I Flow Monitoring is complete. Preliminary review of data indicates good quality data being recorded. Met with Authority Manager August 2018 to review interim program findings. Tentative plan discussed for next phases of flow monitoring program. Phase II of the Flow Monitoring Program was initiated September 27, 2018. Flow monitoring progress reviewed with Manager January 28, 2019. Phase II flow monitors were removed with the exception of four control meters. Phase III flow monitors installed January 7, 2020.*
 - **Flow Isolation:** *Two rounds of flow isolation studies were completed for Phase I and II Flow Isolation between February 19, 2019 and February 27, 2019. Preliminary findings drafted pending additional interceptor mapping information. Next phase of flow isolation scheduled for February 2020.*
 - **Existing Conditions Model:** *Hydraulic model setup and “gap analysis” has been initiated. Work is ongoing.*

12. Construction Fund Requisitions: No Requisition this month.

13. Sheffield Terrace Booster Station: *Survey work at existing booster station complete and base mapping underway. Will require Public Water Supply Permit. LSSE is working on design for permit submission. Permit lead time is likely 12 months. Working design drawings were provided to Manager for review. Based on discussion with Manager, project scope will also include rehabilitation of the existing PRVs. Public water supply permit has been submitted to PaDEP.*

14. Uninterrupted System Service Plan (USSP): *PaDEP is requiring that all water systems complete an uninterrupted system service plan assessment which is the development of a feasible plan for the most likely emergency events historically experienced by a water system. This includes auxiliary power, distribution storage and interconnects. The initial assessment is due in August 2021. If a corrective action plan is required per the initial assessment, the corrective action plan (with compliance schedule) is due by February 2022. LSSE has begun evaluating USSP requirements. Auxiliary power sources will likely be required for several facilities. Work to proceed once ACO items are complied with.*

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15. **Comprehensive Sampling Plan (CMP):** *DEP has issued revised sampling requirements for source water. New process is complex. The sampling requirements for multiple sources with multiple blending rates is cumbersome however a wellfield designation can reduce complexity. Hydrogeological analysis is required for wellfield designation. LSSE coordinated with Manager and Treatment Plant Superintendent to complete the Comprehensive Monitoring Plan for submission to PaDEP on August 19, 2019. The plan submitted is an interim plan to comply with PaDEP requirements while the hydrogeological analysis pertaining to the wellfield designation is completed. DEP issued comments on the CMP pertaining to the emergency interconnect with CTWA. Additional information was issued to PaDEP by letters dated November 7, 2019 and November 20, 2019.*

LSSE obtained an additional proposal from Layne and a proposal from Moody to perform preliminary work to determine if the wellfield determination is feasible. As Authorized, letter notification of award of the hydrogeological work was issued to Layne. LSSE is coordinating with Layne regarding the wellfield determination study. Water quality samples will be required to complete initial assessment. LSSE will coordinate obtaining samples with Plant Superintendent.

16. **H2O Recovery, LLC:** *Escrow deposit received by MWAA. Draft Industrial Pretreatment Regulations and Permit have been prepared by LSSE and are provided to MWAA. LSSE has evaluated the existing Steel Street Lift Station to determine if the station has capacity to accept the proposed flows the proposed industrial user. H2O Recovery will upgrade when the flow exceeds the agreed upon limit per Agreement. Draft Industrial User Ordinances and agreements were provided to the Solicitor. Industrial pre-treatment standards were prepared for adoption by the Board (Resolution 2020-02). The permit was reviewed by LSSE, the solicitor, and Manager.*
Mr. Steffes made a motion to approve Resolution 20-01; Industrial Pre-Treatment Regulations. Mr. Mottes seconded the motion. Motion carried – 5 ayes, 0 nays.

17. **Monaca Interconnect:** *Additional information will be requested from Monaca as required. LSSE currently using the model developed as part of the treatment plan upgrade to evaluate extending service to Monaca and assessing any upgrades that may be required.*

18. **2019 CFA Small Water and Sewer Grant Program:** *LSSE prepared and submitted an application to apply for a waterline replacement project along Patterson Drive. Estimated total project cost is \$467,500.00 – grant request amount of \$397,375.00. Action on applications is anticipated at the July 2020 CFA Board meeting.*

19. **2019 H2O PA Grant Program:** *Application was prepared and submitted for the Sheffield Terrace Booster Station Replacement. Estimated total cost is \$1,191,975.00. A 50% match is required. Action on the application is anticipated at the July 2020 CFA Board meeting.*

20. **Annual Report and Budget:** *LSSE has prepared the required Annual Consulting Engineer's Report. The 2020 Budget and 2019 Actuals have been incorporated into the report and will be finalized for submission to the Trustee this week.*

21. **Fiscal Year 2020 CDBG Program:** *Notice from Beaver County has been received that CDBG Program Year 2020 is open for applications. Household income surveys are required to be submitted by February 14, 2020 with final applications due March 31, 2020. The County will administer a public meeting on January 21, 2020 for program assistance. Project submitted for 2019 Program consideration was Sutton Street Waterline Replacement.*

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22. **Old West Tank Demolition:** PaDEP Safe Drinking Water has advised that MWAA can proceed with demolition of the tank. Lead and asbestos testing will be required. These requirements will be incorporated into the Contractor's scope of work. LSSE is drafting specifications for bidding the tank demolition.

SOLICITOR'S REPORT

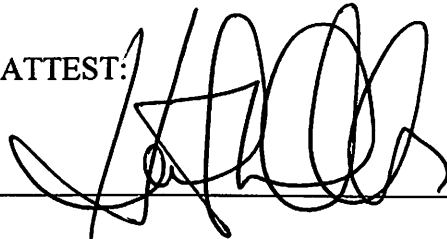
Attorney Sainovich reported on an Intergovernmental agreement with the City of Aliquippa, the Aliquippa School District and the Authority would be beneficial.

Mr. Steffes made a motion to approve entering into this agreement, with the City and School District. Mr. Moreland seconded the motion. Motion carried – 5 ayes, 0 nays,

ADJOURNMENT

There being no further business, motion was made by Mr. Steffes, seconded by Mr. Moreland to adjourn the regular meeting of January 15, 2020. Motion carried – 5 ayes, 0 nays. Meeting adjourned at 7:57 PM.

ATTEST:



SECRETARY
ASSISTANT SECRETARY/TREASURER

dln