

**BROOKVILLE MUNICIPAL AUTHORITY**  
**ENGINEER'S REPORT**  
**January 11, 2022**

- 1. Wastewater System Improvements Project** – Very few warranty items remain to be completed, pending receipt of ordered replacement parts. NPDES permit has been closed by the conservation district.
- 2. PennDOT (SR 322 and SR 28 improvements)** – Construction is complete. GDF is working on Record Drawings.
- 3. Main Street Waterline Replacement** – Bid Opening was held on January 5. Eleven bids were received and the apparent low bidder is Terra Works, Inc., Clarion, PA 16214 with a total bid price of \$1,491,139. The total bid price of \$1,491,139 is 1% higher than our 2021 cost estimate of \$1,470,000, which is within the funds allocated for the project by PennVEST. We recommend that the Authority issue a Notice-of-Intent-to-Award to Terra Works, Inc. at a total contract price of \$1,491,139. PennVEST settlement is scheduled for April 7, 2022 with all settlement documents due by March 17, 2022. Refer to the attached Bid Tabulation/Recommendation Letter.
- 4. Water Allocation Permit Renewal** – PADEP commented on August 5 that the environmental engineer and environmental engineer manager have completed their review and is awaiting final review by the safe drinking water program manager. No change.
- 5. DCED 2020 Non-Entitlement Grant Application** – Design is 90% complete and on-track for Spring 2022 construction. Permits are currently being submitted.
- 6. PennDOT I-80 North Fork Bridges Replacement/Utility Relocations** – No additional action needed at this time until further direction by PennDOT.
- 7. Nine Star Jefferson County Business Park Development** – Water and sewer utility installations continue along SR28.
- 8. Water and Sewer Rules and Regulations Update** – GDF is concurrently working with the Authority to update the 20-year-old water and sanitary sewer rules and regulations. Ongoing.
- 9. American Rescue Plan Act Grant Funding** – GDF/BMA developed three prioritized project areas for request of grant allocation monies from the County. The Jefferson County – American Rescue Plan Project Application was submitted for the June 25 deadline. Currently awaiting feedback from the County. No change.
- 10. Sludge Transfer Bed** – Due to the pricing of the received quotes exceeding the PA Municipality Authorities Act required bidding threshold, we recommend formal bidding of the wastewater treatment plant sludge transfer bed work.
- 11. Annual Chemical Bids** – GDF tabulated the annual chemical bids as opened on December 14. The estimated chemical usage and lowest bid unit pricing results in an estimated chemical cost of \$96,637.50 for 2022. This is an estimated 35% increase in chemical costs from the 2021 calendar year. Refer to the attached Bid Tabulation/Recommendation Letter.

**12. BMA WWTP NPDES Permit Renewal** – The renewal application is due to PADEP by April 1, 2022. BMA is currently conducting the required sampling for the application.