

# West Virginia Rural Water Association

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## INFRASTRUCTURE COUNCIL REPORT NEWSLETTER A PUBLICATION OF WVRWA, 100 Young Street, Scott Depot, WV 25560-7839

### Infrastructure Council Conducts Regular August 2021 Meeting

The West Virginia Infrastructure and Jobs Development Council (IJDC) convened in regular session on August 4, 2021 at the Water Development Authority in Charleston.

At that meeting, eight projects were Recommended to Pursue Infrastructure Fund Assistance. Three projects were Recommended to Pursue Funding Sources Other Than Infrastructure Fund Assistance. Four projects Requested an Infrastructure Fund Binding Commitment. Two Projects Requested Economic Development

Assistance. Six projects Required Additional Information. One sewer and six water applications were received.

#### Projects Recommended to Pursue Infrastructure Fund Assistance

**Town of Barrackville, 2021S-1972.** This project will consist of the replacement of failing sewers in the Mohawk B area where no work was done previously. Separation of sanitary sewers from old sewers used for storm sewers along Pike Street. The separation along Pike Street will also allow for the elimination of the C004, Covered Bridge outfall. Elimination of the C011, Cook Street Lift Station outfall with the use of upgraded pumps running on variable frequency drives to accommodate changes in flow. Manhole rehabilitation to the town's sanitary sewer system to reduce I&I in the sewer-shed areas. Installation of flow monitoring devices on the C012, Mohawk Lift Station and C013, Ices Run Lift Station outfalls to track progress in I&I reduction and estimate the quantity of CSO discharge to be treated, pumped, or stored in Phase VI. The proposed rate per 3,400 gal-

lons is \$59.53. The 1.5 percent MHI is stated at \$59.18. The engineer is Daniel Ferrell. The proposed funding is an IJDC District 1 Grant of \$500,000, an IJDC District 1 Loan (3%, 20 years) of \$500,000, and an IJDC District 1 Loan (2%, 30 years) of \$1,575,000. Total project cost is \$2,575,000. An engineering fee variance will be required for total fees. **Motion passed.**

**City of Fairmont, 2020W-1932.** The proposed project is a Critical Needs Application to provide water to five new customers who currently receive their water from under-performing wells. The proposed rate per 3,400 gallons is \$30.16. The 1.5 percent MHI is stated at \$45.11. The engineer is Bradley Pigott. The sources and amounts approved by the Council consisted of an IJDC District 1 Critical Needs & Crisis Situation Grant of \$98,907 for a total cost of \$98,907. The proposed funding is an IJDC District 1 Critical Needs & Crisis Situation Grant of \$117,267. **Motion passed.**

**City of Keyser, 2021S-1963.** The proposed project consists of the construction of a 50' x 80' building with open front and concrete floor. The walls will be con-

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crete and wood framed. Sludge will be transferred and off-loaded into the structure during the winter season using existing vehicles and dumpsters. The sludge will need to be stacked/consolidated using equipment prior to re-loading for surface application in the spring season. The proposed rate per 3,400 gallons is \$47.11. The 1.5 percent MHI is stated at \$30.56. The engineer is Clay P. Riley. The sources and amounts proposed in the preliminary application consisted of an IJDC District 1 Grant of \$500,000 and a CWSRF Debt Forgiveness of \$900,000 with a total cost of \$1,400,000. The proposed funding as an IJDC District 1 Grant of \$700,000 and a CWSRF Debt Forgiveness Loan of \$700,000. Total project cost is \$1,400,000. **Motion passed.**

**Town of Nutter Fort, 2021W-1973.** The Town of Nutter Fort is proposing to upgrade their current water distribution system and construct a water storage tank. The project proposes to replace the existing 8" main water line that runs parallel with WV State Route 20 and replace it with a new 12" water line. Along this new main water line, new fire hydrants, valves will be installed. Replacing the existing water line with a larger one will increase the flow. The additional hydrants and valves will provide additional fire protection and shut off locations. Additional shut off locations will reduce the number of customers out of service during repairs to the system. The project also proposes to replace the existing water lines on Maryland Avenue, West Virginia Avenue, Kentucky Avenue, Washington Street, Jacobs Street, and Michigan Avenue. These existing deteriorating water lines will be replaced with new 6" lines. Lastly, the project proposes to construct a 270,000-gallon water storage tank near the Cherry Tree Drive area. The proposed rate per 3,400 gallons is \$54.21. The 1.5 percent MHI is stated at \$49.48. The engineer is Daniel Ferrell. The proposed funding is a USDA Grant of \$1,000,000, a USDA Loan

(1.75%, 40 years) of \$2,800,000, and an IJDC District 1 Grant of \$500,000. Total project cost is \$4,300,000. **Motion passed.**

**Town of Tunnelton, 2020S-1893.** This WWTP upgrade and line upgrade project consists of installing a Bio-Dome treatment system in Pond B of the two pond WWTP aerated lagoon system. The WWTP upgrades will also include installing blowers and air lines for the Bio-Dome operation, hanging baffle curtains to ensure flow travels through the Bio-Dome units, and a floating cover over the Bio-Domes to control algae growth. A building will be constructed to house the new blowers and electrical upgrades will be needed to accommodate the new equipment. In order to perform the installation of the Bio-Domes, all of the sludge present in Pond B will be removed while effluent is by-pass pumped from Pond A to the disinfection contact tank. The replacement of all four floating mechanical mixing aerators in Pond A, as well as supplying one spare, will be incorporated into the project. Due to I&I in the collection system that causes influent flows over design capacity during heavy rain events, an I&I investigation is part of the project. Also to reduce I&I, manhole repairs, plugging or capping unused lines and damaged line replacement will be part of the project. This project will serve 165 existing customers. This project also addresses violation noted in Consent Order No. 9033, September 2019 of effluent limitations. The proposed rate per 3,400 gallons is \$59.88. The 1.5 percent MHI is stated at \$57.55. The engineer is Daniel Ferrell. The sources and amounts proposed in the preliminary application consisted of an IJDC Chesapeake Bay Grant of \$500,000, a USDA Grant of \$635,000, and a USDA Loan (1.12%, 38 years) of \$245,000 with a total cost of \$1,380,000. The sources and amounts approved by the Council consisted of a USDA Grant of \$635,000, a USDA Loan of \$245,000, and an IJDC District 1 Grant of \$500,000

with a total cost of \$1,380,000. The proposed funding is a USDA Grant of \$869,000, a USDA Loan (1.12%, 40 years) of \$247,000, and an IJDC District 1 Grant of \$354,000. Total project cost is \$1,470,000. **Motion passed.**

**Greater St. Albans Public Service District, 2021S-1978.** The proposed project is to provide sewer service to new customers in the Tornado area of Kanawha County. The proposed rate per 3,400 gallons is \$69.42. The 1.5 percent MHI is stated at \$57.35. The engineer is Fredrick "Fred" L. Hypes. The proposed funding is a CWSRF Debt Forgiveness Loan of \$1,000,000, a CWSRF Loan (.75%, .25% admin fee, 30 years) of \$15,091,000, a Legislative Appropriation of \$4,000,000, and an IJDC District 2 Grant of \$500,000. Total project cost is \$20,591,000. **Motion passed.**

**Town of Reedy, 2014S-1507.** The proposed project consists of improvements to the Town of Reedy's wastewater collection system and treatment plant. The proposed rate per 4,000 gallons is \$29.92. The 1.5 percent MHI is stated at \$21.25. The engineer is Jessie Parker. The sources and amounts proposed in the preliminary application consisted of an ARC Grant (committed March 3, 2021) of \$505,000 and an IJDC District 2 Grant of \$127,000 with a total cost of \$632,000. The sources and amounts approved by the

### **IJDC Technical & Funding Committee Meeting**

*Tuesday, 10:00 a.m.*

*August 24, 2021*

### **IJDC Council Meeting**

*Wednesday, 9:30 a.m.*

*September 1, 2021*

Water Development Authority  
1009 Bullitt Street  
Charleston, WV

Council consisted of an ARC Grant of \$430,000 and an IJDC District 2 Grant of \$202,000 with a total cost of \$632,000. The proposed funding is an ARC Grant of \$430,000 and an IJDC District 2 Grant of \$430,000. Total project cost is \$860,000. **Motion passed.**

**Big Bend Public Service District, 2019S-1823.** The Big Bend Public Service District provides wastewater collection and disposal services to approximately 42 Summers County customers in two separate systems. The first system is located in the community of Hilldale, west of Talcott, and serves the Pine Hill Subdivision. The second system is located east of Talcott at Pence Springs. The plants have been poorly maintained and operated and the Environmental Enforcement section of the WV DEP has been seeking a consent order to force corrective action. This project will make some minor improvements at the Pine Hill facility and completely replace the Pence Springs plant. The existing rate per 3,400 gallons is \$47.26 and the proposed rate is \$66.95. The 1.5 percent MHI is stated at \$45.81. The engineer is Jack E. Ramsey. The sources and amounts proposed in the preliminary application consisted of an IJDC District 3 Grant of \$1,166,000 and an ARC Grant of \$291,500 with a total cost of \$1,457,500. The sources and amounts approved by the Council consisted of an ARC Grant of \$834,750 and an IJDC District 3 Grant of \$357,750 with a total cost of \$1,192,500. The proposed funding is a CWSRF (Decentralized) Principal Forgiveness Loan of \$1,649,000 and an IJDC Soft Cost Grant of \$20,000. Total project cost is \$1,669,000. **Motion passed.**

### Projects Recommended to Pursue Funding Sources Other Than Infrastructure Fund Assistance

**Union Williams Public Service District, 2021S-1965.** The

proposed project consists of the Union Williams Public Service District wastewater treatment plant and collection system upgrades. The proposed rate per 3,400 gallons is \$61.18. The 1.5 percent MHI is stated at \$52.36. The engineer is Fredrick "Fred" L. Hypes. The proposed funding is a CWSRF Debt Forgiveness Loan of \$1,000,000 and a CWSRF Loan (.75%, .25% admin fee, 30 years) of \$6,490,000. Total project cost is \$7,490,000. Union Williams Public Service District is requesting an engineering fee variance request for total engineering costs. **Motion passed.**

**City of Spencer, 2021S-1974.** The City will replace a portion of system sewer line, relocating vulnerable sections located in floodways and streambanks. Manhole and lift station rehab is included, as well as stormwater control measures. Two 570k gallon retention tanks will be added to the WWTP. The proposed rate per 3,400 gallons is \$28.43. The 1.5 percent MHI is stated at \$28.07. The engineer is James B. Hildreth. The proposed funding is a CDBG-MIT Grant of \$3,940,000. Total project cost is \$3,940,000. **Motion passed.**

**Town of Pax, 2021W-1985.** The Town of Pax is currently purchasing water from the Beckley Water system. The waterline in this section is constructed of antiquated piping and the Town has concerns of breaks, washouts from flooding, and other failures that are imminent to the waterline. This would leave the Pax customers without water for an unknown period of time, which is a public health and safety concern. The proposed rate per 3,400 gallons is \$60.35. The 1.5 percent MHI is stated at \$42.03. The engineer is Brandon Conley. The proposed funding is a CDBG-MIT Grant of \$1,680,000. Total project cost is \$1,680,000. **Motion passed.**

### Projects Requesting an Infrastructure Fund Binding Commitment

**City of Fairmont, 2020W-1932.** The proposed project is a Critical Needs Application to provide water to five new customers who currently receive their water from under-performing wells. The proposed rate per 3,400 gallons is \$30.16. The 1.5 percent MHI is stated at \$45.11. The engineer is Bradley Pigott. The sources and amounts approved by the Council consisted of an IJDC District 1 Critical Needs & Crisis Situation Grant of \$98,907 for a total cost of \$98,907. The City of Fairmont is requesting a binding commitment for an IJDC District 1 Critical Needs Grant of \$18,360 (\$98,907 provided on June 2, 2021). **Motion passed.**

**Huttonsville Public Service District, 2019S-1788.** The project will make necessary improvements at the existing wastewater treatment plant to reduce ammonia, increase capacity, and also perform a study to reduce I&I in the collection system. The existing rate per 3,400 gallons is \$55.93 and the proposed rate is \$65.65. The 1.5 percent MHI is stated at \$34.24. The engineer is Kennon T. Chambers. The sources and amounts proposed in the preliminary application consisted of a CWSRF Principal Forgiveness of \$1,500,000, a CWSRF Loan (0%, 38 years) of \$1,500,000, and an IJDC District 2 Grant of \$1,000,000 with a total cost of \$4,000,000. The sources and amounts approved by the Council consisted of a CWSRF Principal Forgiveness of \$1,440,000, a CWSRF Loan of \$1,500,000, an IJDC District 2 Grant of \$1,000,000, an IJDC District 2 PFA Grant of \$30,000, an Other Grant of \$25,000, and a Local/City/Council of \$5,000 with a total cost of \$4,000,000. Huttonsville Public Service District is requesting a binding commitment of the IJDC District 2 Grant of \$1,000,000. **Motion passed.**

**Town of Mill Creek, 2019W-1834.** This project will continue the replacement of the water lines within the Town of Mill Creek's water distribution system. The existing rate per 3,400 gallons is \$39.44 and the proposed rate is \$50.34. The 1.5 percent MHI is stated at \$37.13. The engineer is Terence "Terry" Moran. The sources and amounts proposed in the preliminary application consisted of a DWTRF Principal Forgiveness (committed May 7, 2021) of \$882,475, an IJDC District 2 Grant (committed November 13, 2019) of \$959,911, and an IJDC District 2 Loan (1%, 40 years—committed November 13, 2019) of \$3,277,108 with a total cost of \$5,119,494. The sources and amounts approved by the Council consisted of an IJDC District 2 Loan of \$3,277,108, a DWTRF Principal Forgiveness of \$1,000,000, an IJDC District 2 Grant of \$959,911, and a Local/City/Council of \$83,773 with a total cost of \$5,320,792. The Town of Mill Creek is requesting a binding commitment extension of 3 months from August 13, 2021 until November 15, 2021. *Motion passed.*

**Town of Reedy, 2014S-1507.** The proposed project consists of improvements to the Town of Reedy's wastewater collection system and treatment plant. The proposed rate per 3,400 gallons is \$29.92. The 1.5 percent MHI is stated at \$21.25. The engineer is Jessie Parker. The sources and amounts proposed in the preliminary application consisted of an ARC Grant (committed March 3, 2021) of \$505,000 and an IJDC District 2 Grant of \$127,000 with a total cost of \$632,000. The sources and amounts approved by the Council consisted of an ARC Grant of \$430,000 and an IJDC District 2 Grant of \$202,000 with a total cost of \$632,000. The Town of Reedy is requesting a binding commitment for an IJDC District 2 Grant of \$228,000 (\$202,000 previously provided on March 3,

2021) contingent upon them pursuing a contract for their audits. *Motion passed.*

### Projects Requesting Economic Development Assistance

**Upper Kanawha Valley Economic Development Corporation, 2000E-054.** Upper Kanawha Valley Economic Development Corporation is requesting a deferral of principal and interest for the above referenced loan. The payment to include both principal and interest will be deferred from July 1, 2021 to July 1, 2022. Interest will not accrue during the deferral period. The deferral is necessary due to lack of rentals. *Motion passed.*

**Hampshire County Development Authority, 2001E-058.** Hampshire County Development Authority is requesting modifications and ratification of the terms for the above referenced loan. The original loan has a principal balance of \$689,995 and an additional loan in the amount of \$100,000 was approved by the IJDC at its February 2021 meeting. The new maturity for both outstanding loan and additional loan is February 1, 2036. This was approved at the April IJDC meeting. The additional modifications for approval: 1) All past deferred/outstanding interest is forgiven. 2) That the new interest rate is 0%. 3) Principal be paid as property is sold or leased. *Motion passed.*

### Business Items

Samme Gee presented the Council with the Committee Merger Resolution—Technical Review and Funding Committee. The Resolution states: 1) The Sewer Technical Review Committee, the Water Technical Review Committee and the Funding Committee are hereby merged into one committee

to be called the "Technical Review and Funding Committee." 2) The Technical Review and Funding Committee shall be comprised of six members: the Executive Director or his or her designee, West Virginia Water Development Authority, as Chair; the Director or his or her designee, West Virginia Department of Environmental Protection; the Executive Director or his or her designee, West Virginia Housing Development Fund; the Chairman or his or her designee, Public Service Commission of West Virginia; the Director or his or her designee, West Virginia Bureau for Public Health; and the Director or his or her designee, West Virginia Economic Development Authority. 3) The duties of the Technical Review and Funding Committee are as follows: (A) Review each preliminary application in order to make a determination as to the applicant's ability to operate and maintain the system, whether the proposed project is technically feasible and is the most cost effective alternative to construct, operate and maintain as compared with alternatives which achieve substantially the same public health or economic development benefits; (B) Review all funding matters related to each preliminary application; (C) Recommend to the Council the funding sources the project sponsor of each preliminary application should pursue to finance the proposed project; and (D) Assist in the development of a comprehensive statewide inventory of water supply systems and sewage treatment systems and assess the current and future needs of such systems and unserved areas of the State. 4) Council may, in the implementation of its duties under the Act, assign special projects and/or duties to Technical Review and Funding Committee as the

need arises. 5) This Resolution supercedes all previous resolutions with respect to the creation, membership and duties of any predecessor of the Technical Review and Funding Committee. This Resolution will be voted on at the next Council meeting.

### Informational Items

Marie Prezioso presented the Council with the Contractors Association Price Survey and Purchasing Memoranda for informational purposes.

### Executive Director Comments

Wayne Morgan notified the Council that Pocahontas County Public Service District, 2017S-1707, is moving forward, as they have obtained some additional funding.

### Projects Requiring Additional Information

**Denver Water Association,**  
2020W-1888

**Norton Harding Jimtown Public Service District,** 2016S-1663

**Warm Springs Public Service District,** 2020S-1885

**Lincoln County Public Service District,** 2019W-1806

**McDowell County Public Service District,** 2019W-1838

**Wilderness Public Service District,** 2021W-1940

### Applications Received

The following sewer application was received:

**Town of Paden City,** 2021S-1977

The following water applications were received:

**Town of Junior,** 2021W-1998

**Pleasants County Public Service District,** 2021W-1935

**City of Salem,** 2021W-1988

**McDowell County Public Service District,** 2021W-1939

**McDowell County Public Service District,** 2021W-1961

**Mercer County Public Service District,** 2021W-1992

### Other Reports

Tracey Rowan with US EDA notified the Council that they have come up with additional funding and can fund some rather large projects.

Janna Lowery with USDA reported that FY21 funding has been committed and there will be a report at the next Council meeting.

### Public Comment

There was no public comment.



**WEST VIRGINIA  
RURAL WATER  
ASSOCIATION**

Every drop counts.