

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 2022 Meeting

The West Virginia Infrastructure and Jobs Development Council (IJDC) convened in regular session on August 3, 2022 at the Water Development Authority in Charleston.

At that meeting, twenty two projects were Recommended to Pursue Infrastructure Fund Assistance. Six projects were Recommended to Pursue Funding Sources Other Than Infrastructure Fund Assistance. Seven projects Requested an Infrastructure Fund Binding Commitment. One project Requested Ancillary Project Ex-

penditure. Two projects Requested Economic Development Assistance. Eight projects Required Additional Information. No sewer and eleven water applications were received.

Projects Recommended to Pursue Infrastructure Fund Assistance

Bluewell Public Service District, 2022W-2167. The proposed project includes the breaching and removal of two abandoned water reservoir dams. Bluewell PSD now purchases water directly from Green Valley PSD. The proposed rate per 3,400 gallons is \$49.10. The 1.5 percent MHI is stated at \$45.24. The engineer is Robert D. Hazelwood. The proposed funding is a Mercer County ARPA Grant of \$400,000 and an IJDC Grant of \$400,000. Total project cost is \$800,000. **Motion passed.**

Town of Burnsville, 2022W-2153. The proposed project is to replace a problematic supply line to Curry Ridge and the U.S. Army Corps of Engineers' Bulltown Campground. The existing problematic line is submerged in Burnsville Lake preventing routine inspection, operation, and

maintenance. Under current conditions the existing line becomes an obstruction/hazard on the surface of the recreational waterway requiring its closure to make the necessary inspections/repairs. Recent leaks in the existing line have revealed that fused joints are becoming problematic with the aging line and it is anticipated that more frequent operational issues should be expected as the line continues to age. In the event a failure of this line should occur, all potable water services would be disconnected to Bulltown Campground, as well as approximately 60 residential customers in and around Curry Ridge. The proposed rate per 3,400 gallons is \$52.53. The 1.5 percent MHI is stated at \$42.50. The engineer is Jeffrey A. Petry. The proposed funding is a Congressional Directed Spending Grant of \$4,800,000, a WDA EEGF of \$700,000, and an IJDC Grant of \$500,000. Total project cost is \$6,000,000. **Motion passed.**

Town of Cairo, 2021W-1953. The proposed project consists of water distribution system improvements. The existing rate per 3,400 gallons is \$45.35 and the proposed rate is \$45.35. The 1.5 percent MHI is stated at \$40.62.

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This newsletter is published for informational purposes only. Await notification from the IJDC before proceeding with your projects.

The engineer is Fredrick “Fred” L. Hypes. The sources and amounts approved by the Council consisted of a USCOE of \$3,000,000, an IJDC District 1 Grant of \$500,000, and an IJDC District 1 Loan of \$533,225 with a total cost of \$4,033,225. The proposed funding is an ACE Grant of \$2,275,000, a WDA EEGF of \$875,000, a Ritchie County ARPA Grant of \$100,000, and an IJDC Grant of \$500,000. Total project cost is \$3,750,000. **Motion passed.**

Town of Capon Bridge, 2022S-2181. As part of an ongoing sewer improvements project, 22 manholes in the Town’s sanitary sewer collection system were grouted and sealed with spray on epoxy lining. The manhole covers were replaced with watertight lids and frames to reduce the amount of inflow and infiltration into the system. This project proposes to continue making improvements to the Town’s sanitary sewer collection system. These improvements consist of repairing the remaining sixty (60) manholes by removing and replacing the lids and frames with watertight ones, sealing these manholes with an application of spray on epoxy lining, removal and replacement of 150 linear feet of damaged and deformed 6” sewer line, and repairs to four (4) other sewer lines where leaks were identified with CCTV inspection. This project also proposed to install an elevated emergency generator at the River Pump Station and replace the pump and controls, as well as add emergency generators at three (3) grinder pump stations within the collection system. The proposed rate per 3,400 gallons is \$58.17. The 1.5 percent MHI is stated at \$34.38. The engineer is Daniel Ferrell. The proposed funding is a CWSRF Debt Forgiveness Loan of \$875,000 and an IJDC Grant of \$875,000. Total project cost is \$1,750,000. A total engineering fee variance will be required. **Motion passed.**

Central Hampshire Public Service District, 2022W-2154. This project will provide public

drinking water to Slanesville Elementary School, which is slated to be replaced by a new structure. Given the size of the community of Slanesville, the Central Hampshire PSD decided to evaluate extensions that would serve much of the community, as well as two smaller additions to better serve nearby neighborhoods. The proposed project will consist of providing new six inch waterlines to the community of Slanesville, Allen Hill Road, and Little Cacapon Road. A 50,000 gallon water storage tank will be added above the community of Slanesville. The Slanesville tank will follow the hydraulic grade of the Augusta tanks and have an overflow of 1,550 feet. Little Cacapon Road will continue to follow the hydraulic grade of the Augusta tanks as well. Allen Hill Road will continue to operate off its existing hydraulic grade from the Allen Hill Road pressure reducing valve, with a comparable overflow of 1,455 feet. The proposed rate per 3,400 gallons is \$66.58. The 1.5 percent MHI is stated at \$34.99. The engineer is Dominick Cerrone. The sources and amounts proposed in the preliminary application consisted of an IJDC District 2 Grant of \$1,000,000, an Undefined Grant of \$750,000, a DWTRF Loan (.5%, 40 years) of \$681,000, and a DWTRF Principal Forgiveness of \$1,000,000 with a total cost of \$3,431,000. The proposed funding is a DWTRF Principal Forgiveness Loan of \$840,000, a DWTRF Loan (.5%, 40 years, .25% admin fee) of \$840,500, a WDA EEGF of \$750,000, and an IJDC Grant of \$1,000,000. Total project cost is \$3,431,000. **Motion passed.**

Central Hampshire Public Service District, 2022W-2178. This project is a water extension consisting of approximately ten miles of 6 inch and smaller diameter line to provide public water to the remaining 46 signed customers not served through Phase I and II located in the Purgitsville area in the Russeldale Road, Huffman Road, Mud Run Road, and Route 220 north and south of Rada areas.

The proposed rate per 3,400 gallons is \$66.58. The 1.5 percent MHI is stated at \$34.99. The engineer is Dominick Cerrone. The proposed funding is a US ACE Grant of \$1,000,000, a WDA EEGF of \$1,039,000, and an IJDC Grant of \$1,000,000. Total project cost is \$3,039,000. **Motion passed.**

Downs Public Service District, 2022W-2151. Currently, the entire Downs PSD water system relies on the City of Mannington and its aging Burt Hill Tank for their water. There have also been previous concerns regarding capacity and fire-flows at the North Marion High School according to a 2019 BPH Sanitary Survey. An additional 100,000-gallon storage could lessen these concerns. An additional concern regarding the existing water system are the many residents that live in the Rachel area that rely on well water and go without fire-protection. There are at least 10 residents on East Run Road that have been requesting water service and an existing 1.5-inch line stops just short of these potential customers. This project aims to connect as many requesting residents as feasible with pota-

IJDC Technical & Funding Committee Meeting

*Tuesday, 10:00 a.m.
August 23, 2022*

IJDC Council Meeting

*Wednesday, 9:30 a.m.
September 7, 2022*

Water Development Authority
1009 Bullitt Street
Charleston, WV

ble water and fire-protection. Lastly, this project is proposing an interconnection with the Monumental PSD system along Plum Run Road. This interconnection would consist of a one (1) mile, 6-inch extension that would tie-in, allowing either system to provide water to one another in the event of emergency or main break. This extension would connect an additional 2 customers to the Downs

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system. The proposed rate per 3,400 gallons is \$54.14. The 1.5 percent MHI is stated at \$53.96. The engineer is Daniel Ferrell. The proposed funding is a Marion County ARPA Grant of \$605,000, a Marion County Grant of \$606,000, an IJDC Grant of \$500,000, and an IJDC Loan (2%, 30 years) of \$625,000. Total project cost is \$2,336,000. *Motion passed.*

Frankfort Public Service District, 2022W-2160. The proposed project is the continuation of system wide water improvements previously identified in 2013W-1472, specifically cleaning and painting of the Dawn View water storage tank; upgrades to the Baker Hollow pump station; installation of SCADA; and installation of an altitude valve at the Baker Hollow water storage tank. Improvements will provide water to the new consolidated Frankfort Primary School, which is under design. The proposed rate per 3,400 gallons is \$38.24. The 1.5 percent MHI is stated at \$39.74. The engineer is John W. Cole. The proposed funding is a DWTRF Design Loan (1%, 30 years, .25% admin fee) of \$500,000, a Mineral County ARPA Grant of \$308,000, and an IJDC Grant of \$500,000. Total

project cost is \$1,308,000. *Motion passed.*

Greater Harrison County Public Service District, 2021W-2058. The District is proposing to upgrade the overall water system, including distribution lines and storage facilities throughout the water system. The proposed rate per 3,400 gallons is \$47.42. The 1.5 percent MHI is stated at \$54.98. The engineer is Daniel Ferrell. The proposed funding is a WDA EEGF of \$5,000,000 and an IJDC Loan (2.75%, 20 years) of \$6,400,000. Total project cost is \$11,400,000. *Motion passed.*

Kanawha Falls Public Service District, 2022W-2115. The project includes replacing existing water lines and appurtenances in the Gauley Bridge Hill, Boomer, Charlton Heights, Main Street to Railroad Street, Upper Gauley Bridge, Scrabble Creek, Falls View, Glen Ferris, and Kanawha Falls areas, as well as construction of a new second Low Tank. Replacing old, leaking water lines will decrease water loss as well as O&M costs and increase revenue. Replacing undersized lines will increase water pressure and flow and bring the system into compliance regarding fire hydrants on 2-inch and 4-inch lines. A second tank located beside the existing Low Tank would provide additional system storage, which would minimize the operation time of the water treatment plant, particularly, during peak demands and as well as ensure an adequate amount of water is available. The proposed rate per 3,400 gallons is \$51.66. The 1.5 percent MHI is stated at \$45.37. The engineer is Jack E. Ramsey. The sources and amounts proposed in the preliminary application consisted of an IJDC District 3 Grant of \$500,000, a DWTRF Principal Forgiveness of \$1,500,000, a DWTRF Loan (1%, 40 years) of \$3,053,750, and a WDA Economic Enhancement Grant Fund of \$3,053,750 with a total cost of \$8,107,500. The proposed funding is a Principal Forgiveness Loan of \$500,000, a

DWTRF Loan (1%, 40 years, .25% admin fee) of \$4,053,750, a WDA EEGF of \$3,053,750, and an IJDC Grant of \$500,000. Total project cost is \$8,107,500. *Motion passed.*

City of Keyser, 2022W-2180. The City's water treatment facility and main water infrastructure were constructed in the 1920s. The water plant infrastructure has been upgraded over the years; however, the plant is still in need of additional upgrades or the construction of a new water treatment plant. Recently, the water treatment plant had cryptosporidium samples collected and results of the highest arithmetic mean during 12 consecutive months of the 24 source water samples collected was 0.426 oocysts/L. Following Environmental Protection Agency (EPA) guidance, the arithmetic mean of 0.426 oocysts/L falls between (0.075-1.0 mL), thus placing the City of Keyser Water Treatment Plant in "Bin 2". Falling into the "Bin 2" classification requires the City of Keyser to provide an additional 1.0 log removal for Cryptosporidium from the options listed in the "microbial toolbox". This additional measure must be implemented to achieve compliance by October 2023, or an alternate schedule that is acceptable to the state. The City of Keyser is also proposing to upgrade the pump station on Old Orchard Drive. The pump station is housed in a concrete block building. This simplex Pentair regenerative turbine pump is outdated and nearing the end of its useful life. The City of Keyser has only one pump at this location and does not have a backup onsite if the main unit goes down. Currently, the water level in the Old Orchard water storage tank is operated manually, by turning the pump on and off by a City of Keyser employee. The City also has to manually operate the water level at the Limestone Water Storage tank. This project proposes to replace and move the pump station to a new location. The project also proposes to install a backup pump at the pump station. Finally, the project proposes to install teleme-

try at both the Old Orchard Tank, the Limestone Tank, and their respective pump stations. The telemetry will eliminate the need to continually monitor the tank levels and control the water levels manually in the Old Orchard and Limestone water storage tanks. The proposed rate per 3,400 gallons is \$42.10. The 1.5 percent MHI is stated at \$30.56. The engineer is Clay P. Riley. The proposed funding is a DWTRF Principal Forgiveness Loan of \$1,000,000, a DWTRF Loan (.5%, 40 years, .25% admin fee) of \$8,000,000, a WDA EGF of \$4,500,000, and an IJDC Grant of \$1,000,000. Total project cost is \$14,500,000. **Motion passed.**

Lashmeet Public Service District, 2022W-2111. Lashmeet PSD wishes to construct a waterline extension into the Mercer County areas of Brickyard Road and a portion of Old Gardner Road in order to provide water service and fire protection to the residents in these areas, which are adjacent to Princeton, West Virginia. This extension will allow for a future waterline extension into the Rock Branch area. The proposed rate per 3,400 gallons is \$70.00. The 1.5 percent MHI is stated at \$45.24. The engineer is Stacy A. Fowler. The proposed funding is a CDBG-MIT Grant of \$2,000,000, an ARC Grant of \$2,000,000, a WVAWC Contribution of \$509,698, a DWTRF Principal Forgiveness Loan of \$734,151, a DWTRF Loan (0%, 40 years, .25% admin fee) of \$734,151, and an IJDC Grant of \$1,000,000. Total project cost is \$6,978,000. **Motion passed.**

Town of Lumberport, 2022W-2150. Water System Improvements project to include a comprehensive leak detection study in an effort to determine sources of high water system unaccountability. This project considers the potential rehabilitation of the existing water treatment plant and could also be comprised of an interconnection with another municipality/PSD, either for emergency or alternative

source purposes. The proposed rate per 3,400 gallons is \$59.28. The 1.5 percent MHI is stated at \$48.44. The engineer is Daniel Ferrell. The proposed funding is a Lumberport ARPA Grant of \$255,000 and an IJDC Grant of \$250,000. Total project cost is \$505,000 (plus \$15,000 in PFA funds equals \$520,000). **Motion passed.**

Marshall County Sewerage District, 2022S-2176. The project consists of the installation of two pump stations, decommissioning of the Pin Oaks WWTP and sanitary sewerline extension to serve 19 new customers. Wastewater will be conveyed to the City of Wheeling for treatment. The proposed rate per 3,400 gallons is \$61.84. The 1.5 percent MHI is stated at \$56.48. The engineer is Daniel Ferrell. The proposed funding is a CWSRF Debt Forgiveness Loan of \$1,500,000, a CWSRF Loan (2.75%, 20 years, .25% admin fee) of \$1,100,000, a Marshall County ARPA Grant of \$1,000,000, and an IJDC Grant of \$500,000. Total project cost is \$4,100,000. A total engineering fee variance will be required. **Motion passed.**

Town of Monongah, 2022S-2165. The objective of this Phase III-Sanitary Sewer Improvements Project is to continue the implementation of the Town's LTCP to reduce Inflow and Infiltration (I&I) into the system with the ultimate goal of reducing wet weather CSO discharges. Referencing the most recent Annual Report, the Town billed its 607 customers for 27,406,000 gallons of wastewater, but the Town purchases 54,913,000 gallons of wastewater treatment from the City of Fairmont. This indicates an I&I of 50% in Monongah's sanitary system. An ongoing Phase II project aims to address this issue in East and West Monongah. Phase III aims to further address I&I in the areas of Shaver St, Bridge St Brookdale Dr, Lambert Ave, Watkins Aly, and Fleming St by in-

stalling new sanitary sewer lines and reconnecting existing customers in these areas. The proposed rate per 3,400 gallons is \$55.79. The 1.5 percent MHI is stated at \$45.92. The engineer is Daniel Ferrell. The proposed funding is a CWSRF Principal Forgiveness Loan of \$500,000 and an IJDC Grant of \$500,000. Total project cost is \$1,000,000. **Motion passed.**

Mt. Zion Public Service District, 2022W-2134. The proposed project consists of water distribution and storage system improvements. The proposed rate per 3,400 gallons is \$67.31. The 1.5 percent MHI is stated at \$44.46. The engineer is Mark A. Sankoff. The proposed funding is a Congressionally Directed Spending of \$1,993,000 and an IJDC Grant of \$1,000,000. Total project cost is \$2,993,000. **Motion passed.**

Town of Paw Paw, 2022S-2156. This project includes the rehabilitation of the existing sewer collection system addressing deficiencies identified within the I&I study. The proposed rate per 3,400 gallons is \$63.68. The 1.5 percent MHI is stated at \$37.28. The engineer is John W. Cole. The proposed funding is a CWSRF Principal Forgiveness Loan of \$1,000,000, a CWSRF Loan (.5%, 40 years) of \$581,500, and an IJDC Grant of \$1,000,000. Total project cost is \$2,581,500. The application indicates the Town is requesting an IJDC Design Loan of \$197,000. **Motion passed.**

City of Pennsboro, 2022W-2177. The City of Pennsboro currently experiences approximately 45% water loss due to leaks in their system from old, dilapidated water lines still in use. It has also been documented that these existing water lines are old cast iron water lines that have heavy tuberculation, which results in reduced flows in the system. For these reasons, the City of Pennsboro has been undergoing a series of projects to improve the operations of their water system. This Phase II

Water System Improvements Project will see to the replacement of approximately 53,000 linear feet of water line within the City of Pennsboro Water System. Along with waterline replacement, this project will include the installation of new water meters, new water service lines, new fire hydrants, new flushing hydrants, road and sidewalk repair as necessary, and all necessary appurtenances for the operation of waterlines in the system. This project will see work performed within the Industrial Park area along the roads of Cochran Drive and Hidden Ridge Lane, Lamberton Road, Strawberry Lane, Wade Lane, and Sand Gap Road. A majority of the project work will also take place within the downtown and residential areas of the City of Pennsboro. The goal of this project is to continue with the replacement of old, dilapidated waterlines within the City of Pennsboro system so that the City of Pennsboro can reduce the overall water loss in their system to a reasonable amount and improve water flows in the system by removing the tuberculated water lines to ensure an adequate and efficient water system is in place to provide the customers of the City of Pennsboro with public potable water. The proposed rate per 3,400 gallons is \$60.08. The 1.5 percent MHI is stated at \$36.30. The engineer is Gregory "Mark" Belcher. The proposed funding is a Congressionally Directed Spending Grant of \$4,000,000, a DWTRF Principal Forgiveness Loan of \$750,000, a DWTRF Loan (.5%, 40 years, .25% admin fee) of \$750,000, a WDA EEGF of \$2,500,000, and an IJDC Grant of \$1,000,000. Total project cost is \$9,000,000. *Motion passed.*

City of Philippi, 2019W-1855. This project will provide a secondary water source by constructing a reservoir along Little Laurel Run in Barbour County, WV. The existing rate per 3,400 gallons is \$33.12 and the proposed rate is \$37.40. The 1.5 percent MHI is stated at \$27.12. The engineer is Steve Buchanan. The sources and

amounts proposed in the preliminary application consisted of a RUS Grant of \$1,000,000, an IJDC District 1 Grant (committed June 2, 2021) of \$1,000,000, a RUS Loan (1.62%, 40 years) of \$1,750,000, and an IJDC District 1 Loan (1%, 40 years—committed June 2, 2021) of \$3,800,000 with a total cost of \$7,550,000. The sources and amounts approved by the Council consisted of an IJDC District 1 Grant of \$1,000,000, an IJDC District 1 Loan of \$4,000,000, and a USEDA Grant of \$9,600,000 with a total cost of \$14,600,000. The proposed funding is a WDA EEGF of \$14,500,000, an IJDC Loan (1%, 40 years) of \$4,000,000, and an IJDC Grant of \$1,000,000. Total project cost is \$19,500,000. *Motion passed.*

Sun Valley Public Service District, 2022S-2148. Sun Valley PSD currently has two lift stations that are in deteriorating condition and in need of rehabilitation. The District also needs to update their telemetry system. The proposed rate per 3,400 gallons is \$56.37. The 1.5 percent MHI is stated at \$54.98. The engineer is Daniel Ferrell. The proposed funding is a Harrison County ARPA Grant of \$615,000 and an IJDC Grant of \$500,000. Total project cost is \$1,115,000. *Motion passed.*

Sun Valley Public Service District, 2022S-2062. The proposed project consists of an extension of sewer service to the areas of Marion Heights and Fletcher Heights, two pump stations, and rehabilitation of lift station #1 and 2. The proposed rate per 3,400 gallons is \$69.53. The 1.5 percent MHI is stated at \$54.98. The application is tabled until technical comments are resolved at the August 23 meeting. *Motion passed.*

Town of Triadelphia, 2022W-2157. The Triadelphia Water System Improvements project consists of select line replacements, new fire hydrant and valve replacements, and a new radio read meter system. These improvements will

significantly reduce water loss, and operational and maintenance costs. The proposed rate per 3,400 gallons is \$45.69. The 1.5 percent MHI is stated at \$36.33. The engineer is Dominick Cerrone. The sources and amounts proposed in the preliminary application consisted of a DWTRF Loan (1%, 40 years) of \$2,772,000, a DWTRF Principal Forgiveness of \$1,138,000, and an IJDC District 1 Grant of \$500,000 with a total cost of \$4,410,000. The proposed funding is a DWTRF Principal Forgiveness Loan of \$500,000, a DWTRF Loan (1%, 40 years, .25% admin fee) of \$3,410,000, and an IJDC Grant of \$500,000. Total project cost is \$4,410,000. *Motion passed.*

Projects Recommended to Pursue Funding Sources Other Than Infrastructure Fund Assistance

Adrian Public Service District, 2022W-2163. This project consists of the installation of approximately 162,000 LF of 10", 8", 6", 4", and 2" waterlines; two new water storage tanks; three new booster pump stations; upgrades to three existing booster pump stations; and three new pressure reducing stations. This project will enable the PSD to extend potable water service to approximately 131 new customers in southern Upshur County and southwestern Randolph County, including the Town of Pickens. The proposed rate per 3,400 gallons is \$61.25. The 1.5 percent MHI is stated at \$50.41. The engineer is Trey A. Hornor. The proposed funding is a USDA Grant of \$4,008,000, a USDA Loan (1.75%, 40 years) of \$4,984,000, a Randolph County Commission Grant of \$25,000, and a Randolph County School Board Grant of \$15,000. Total project cost is \$9,032,000. *Motion passed.*

Buffalo Creek Public Service District, 2021W-2055. The purpose of the project is to provide necessary upgrades/improvements

to the Buffalo Creek PSD's existing water treatment facility to alleviate current and future deficiencies. The project will include the installation of new filter media, the removal of the sediment from the clearwell, the expansion of the clearwell, the provision of redundancy for the air scour system, the installation of a new filter effluent turbidimeter, a new effluent chlorine analyzer, a new backwash valve and flow meter, the replacement and movement of the high service pumps to the first floor, the replacement of the roof on the plant building, the installation of a new/expanded SCADA system, and the addressing of issues identified in the WV Health Department's Sanitary Survey. The project will provide improved service to approximately 1,077 existing customers of the Buffalo Creek PSD. The proposed rate per 3,400 gallons is \$49.59. The 1.5 percent MHI is stated at \$45.95. The engineer is Rick Roberts. The sources and amounts proposed in the preliminary application consisted of a DWTRF Loan (1%, 30 years) of \$1,394,250 and a CWSRF Principal Forgiveness of \$1,394,250 with a total cost of \$2,788,500. The proposed funding is a DWTRF Principal Forgiveness Loan of \$500,000 and a DWTRF Loan (1%, 30 years, .25% admin fee) of \$2,288,500. Total project cost is \$2,788,500. *Motion passed.*

Charles Town Utility Department, 2022S-2188. The project consists of the replacement of the mechanical bar screen, grit removal system, influent and plant drain pumps, SBR control system, UV system, motor control center, and SCADA system. The project also includes construction of two new buildings to house the electrical equipment and new centrifuge, which replaces the belt filter press. It also includes an aerobic digester mixing and aeration system and new emergency generator. The proposed rate per 3,400 gallons is \$50.73. The 1.5 percent MHI is stated at \$103.19. The engineer is Christopher Eckenrode. The sources and amounts proposed in

the preliminary application consisted of a WDA Economic Enhancement Grant Fund of \$5,078,730, an Other Loan (4.75%, 30 years) of \$4,284,203, and an Other Grant of \$2,725,699 with a total cost of \$12,088,632. The proposed funding is a WDA EEGF of \$5,078,730, a CTUB Capacity Improvement Fee of \$1,170,163, a CTUB Contribution of \$1,555,536, and a Bond Issue of \$4,284,203. Total project cost is \$12,088,632. *Motion passed.*

Hamlin Public Service District, 2022S-2170. The project proposes replacement/upgrades to the wastewater collection system, including aged, deteriorated lines and manholes; improvements to 3 lift stations, and rehabilitation and upgrading of the WWTP system (lagoon). The proposed rate per 3,400 gallons is \$25.80. The 1.5 percent MHI is stated at \$45.31. The engineer is Jonathan Carpenter. The proposed funding is a Congressionally Directed Spending Grant of \$2,220,000, a US ACE Grant of \$750,000, and a WDA EEGF of \$1,355,000. Total project cost is \$4,325,000. A total engineering fee variance will be required. *Motion passed.*

Midland Public Service District, 2022W-2152. This project will provide water service to approximately 100 new customers starting near the intersection of Old Route 33 and Faulkner Road and extend east along Faulkner Road for approximately 4 miles just past Yogi Drive in the Bowden area of Randolph County. The proposed rate per 3,400 gallons is \$50.82. The 1.5 percent MHI is stated at \$49.32. The engineer is Daniel Ferrell. The proposed funding is a Congressionally Directed Spending Grant of \$2,000,000, a Randolph County ARPA Grant of \$1,250,000, and a DWTRF Loan (1%, 40 years, .25% admin fee) of \$515,000. Total project cost is \$3,765,000. *Motion passed.*

Salt Rock Sewer Public Service District, 2022S-2169. The proposed project will rehabilitate

the concrete of the Regional Plant Operating Committee Ph. II pump station wet well and associated preliminary treatment facilities, and will also upgrade the capacity of the Ph. II pump station from 2650 GPM to 3150 GPM. The proposed rate per 3,400 gallons is \$61.34. The 1.5 percent MHI is stated at \$47.93. The engineer is Terence "Terry" Moran. The proposed funding is a Congressionally Directed Spending Grant of \$1,219,835 and a CWSRF Loan (.75%, 30 years, .25% admin fee) of \$480,165. Total project cost is \$1,700,000. *Motion passed.*

Projects Requesting an Infrastructure Fund Binding Commitment

Town of Clay, 2019S-1793. The proposed project is to rehabilitate the wastewater system in the Town of Clay that has deteriorated over time. The existing rate per 3,400 gallons is \$42.30 and the proposed rate is \$55.00. The 1.5 percent MHI is stated at \$30.09. The engineer is Fredrick "Fred" L. Hypes. The sources and amounts proposed in the preliminary application consisted of an IJDC District 2 Grant of \$1,000,000, a USEDA Grant of \$1,500,000, a CWSRF Principal Forgiveness of \$800,000, a USDA Grant of \$750,000, an ARC Grant of \$1,200,000, a USDA Loan (4%, 40 years) of \$250,000, and a CWSRF Loan (1%, 40 years) of \$246,000 with a total cost of \$5,746,000. The sources and amounts approved by the Council consisted of an IJDC District 2 Grant of \$941,891, a CWSRF Debt Forgiveness of \$545,000, a CWSRF Wrap Loan of \$246,500, a CWSRF Debt Forgiveness of \$108,109, a SCBG of \$5,000,000, and an IJDC District 2 Loan of \$250,000 with a total cost of \$7,091,500. The proposed funding is a HUD CDBG Disaster Recovery Grant of \$5,000,000, a CWSRF Design Debt Forgiveness Loan of \$545,000, a CWSRF Debt Forgiveness Loan of \$541,500, an

IJDC Loan (1%, 40 years) of \$80,000, and an IJDC Grant of \$925,000. Total project cost is \$7,091,500. The Town of Clay is requesting a binding commitment for the IJDC Loan (1%, 40 years) of \$80,000 and the IJDC Grant of \$925,000. **Motion passed.**

Elk Valley Public Service District, 2021S-1952. The proposed project is to provide stability of the Elk River Bank, which has the major transmission lines from customers to the Elk Valley Treatment Plant. Erosion from heavy rains and high water are affecting the integrity of the mains. The 1.5 percent MHI is stated at \$57.35. The engineer is Mark A. Sankoff. The sources and amounts approved by the Council consisted of an IJDC PFA Funds District 2 of \$166,750 and a USCOE of \$266,750 with a total cost of \$433,500. Elk Valley PSD is requesting a binding commitment for an additional \$105,875 (\$166,750 previously provided) PFA (US COE providing \$372,625). **Motion passed.**

Grandview-Doolin Public Service District, 2021W-1950. The Grandview-Doolin PSD is proposing to extend public water to 24 residential customers off State Route 7 along Robinson Ridge and Knob Fork Road. The project consists of the installation of approximately 15,300 LF of 4-inch and 2-inch waterline to serve 24 customers plagued by dry private water wells. The proposed rate per 3,400 gallons is \$56.46. The 1.5 percent MHI is stated at \$48.87. The engineer is Dominick Cerrone. The sources and amounts approved by the Council consisted of an IJDC District 1 Loan of \$163,500, a Local/City/Council of \$250,000, and an IJDC District 1 Grant of \$413,500 with a total cost of \$827,000. Grandview-Doolin PSD is requesting a binding commitment for an IJDC Bid Overrun Grant (which will be matched with a Wetzel County Grant of \$82,500) of \$82,500. **Motion passed.**

Greater Harrison County Public Service District, 2021S-1943. The Greater Harrison County Public Service District owns and operates a wastewater treatment plant (WWTP) in West Milford, West Virginia, which is associated with this project. The West Milford WWTP includes two aerated lagoon ponds. Lagoon Pond #1 is very near the sludge capacity and has never been cleaned out. An ongoing project will add an additional 315 customers, from the Clarksburg Country Club and Laurel Park areas, to the West Milford WWTP. The additional flow and the Lagoon Pond #1 nearing sludge capacity could trigger an overflow and interrupt the function of the Bio Dome shells in Lagoon Pond #2. This interruption in function of the Bio Dome shells, could allow ammonia nitrogen content levels to rise. The WWTP could then fall out of compliance. We are proposing to remove the sludge through the process of dredging. The Lagoon Pond #1 will remain fully operational during the dredging process. This is the most efficient and cost-effective method. The proposed rate per 3,400 gallons is \$70.26. The 1.5 percent MHI is stated at \$60.16. The engineer is Daniel Ferrell. The sources and amounts approved by the Council consisted of a CWSRF Debt Forgiveness of \$500,000 and an IJDC District 1 Grant of \$500,000 with a total cost of \$1,000,000. Greater Harrison PSD is requesting a binding commitment for the IJDC Grant of \$500,000. **Motion passed.**

North Beckley Public Service District, 2018S-1773. The proposed project is to perform upgrades to the wastewater treatment plant, Sprague lift station, and replace collection system lines. The existing rate per 3,400 gallons is \$30.34 and the proposed rate is \$43.95. The 1.5 percent MHI is stated at \$51.29. The engineer is Robert D. Hazelwood. The sources and amounts proposed in the preliminary application consisted of a CWSRF Loan (2.5%, 20 years) of \$12,097,000 with a total cost of

\$12,097,000. The sources and amounts approved by the Council consisted of a CWSRF Loan of \$12,097,000, an Other Loan of \$1,075,000, and an IJDC Soft Cost Grant of \$60,000 with a total cost of \$13,232,000. The proposed funding is a CWSRF Design Loan (2.75%, 20 years, .25% admin fee) of \$1,075,000, a CWSRF Loan (2.75%, 20 years, .25% admin fee) of \$3,778,000, and an IJDC Soft Cost Grant of \$60,000. Total project cost is \$4,913,000. North Beckley PSD is requesting a binding commitment for the IJDC Soft Cost Grant of \$60,000. **Motion passed.**

City of Pennsboro, 2022W-2128. The proposed project is a Critical Needs Water Extension along Rt. 74 north of Pennsboro to serve approximately 30 homes. The proposed rate per 3,400 gallons is \$60.08. The 1.5 percent MHI is stated at \$36.30. The engineer is Matthew W. Fluharty. The proposed funding is an IJDC Critical Need Grant of \$2,000,000 for Route 74 North Extension to serve 30 customers. The City of Pennsboro is requesting a binding commitment for the IJDC Critical Need Grant of \$2,000,000 contingent upon receipt of required documentation. **Motion passed.**

Webster Springs Public Service District, 2019S-1812. The Webster Springs PSD Wastewater System Upgrade Project will address permit exceedances at the wastewater treatment plant as well as "spills/overflows" within the collection system due to excessive inflow and infiltration as well as lack of shelter at the plant's sludge drying facility. Project will include relocation of the main pump station and force main, pump station replacements, and control upgrades, modifications to plant headworks, weir replacement, and other incidentals. The existing rate per 3,400 gallons is \$39.29 and the proposed rate is \$43.16. The 1.5 percent MHI is stated at \$44.49. The engineer is Eric J. Coberly. The sources and amounts approved by the Council consisted of a

SCBG of \$1,500,000, an IJDC District 3 Grant of \$500,000, and an IJDC District 3 Loan of \$1,150,000 with a total cost of \$3,150,000. The proposed funding is a CDBG (committed) of \$1,500,000, an IJDC Loan (2%, 30 years) of \$1,284,725, and an IJDC Grant of \$500,000. Total project cost is \$3,284,725. Webster Springs PSD is requesting a binding commitment for the IJDC Loan (2%, 30 years) of \$1,284,725 and the IJDC Grant of \$500,000. *Motion passed.*

Project Requesting Ancillary Project Expenditure

City of Wellsburg, 2019W-1837. The project will consist of the replacement of existing water lines in the City of Wellsburg, with all the appurtenances included. Also, upgrades to the City's water treatment plant, including electrical upgrades, sludge process automation, automation in the filtration process and improved backwash solids processing. The existing rate per 3,400 gallons is \$36.78 and the proposed rate is \$44.14. The 1.5 percent MHI is stated at \$39.11. The engineer is Jonathan Carpenter. The sources and amounts proposed in the preliminary application consisted of a DWTRF Loan (1%, 30 years—committed August 6, 2020) of \$4,308,208, a DWTRF Principal Forgiveness (committed August 6, 2020) of \$500,000, an IJDC District 1 Grant (committed October 7, 2020) of \$500,000, and a WDA Design Loan (3.5%, 2 years) of \$558,350 with a total cost of \$5,866,558. The sources and amounts approved by the Council consisted of a DWTRF Loan of \$5,889,074, a DWTRF Principal Forgiveness of \$700,000, an IJDC District 1 Grant of \$500,000, a WDA Loan of \$495,000, an IJDC District 1 Grant of \$100,000, and a Local/City/Council of \$290,085 with a total cost of \$7,974,159. The City of Wellsburg is requesting an ancillary expenditure of

\$142,315.89. *Motion passed.*

Projects Requesting Economic Development Assistance

Polymer Alliance Zone, 2010E-130. The Polymer Alliance Zone is requesting a deferral of principal payments through July 31, 2023. *Motion passed.*

Polymer Alliance Zone, 2022E-206. The Polymer Alliance Zone in Davisville, West Virginia is requesting a loan to be used to purchase a 365,000 square foot building in Cabell County. The loan terms will be as follows: 1) A loan not to exceed \$4,125,000. 2) Term will be for 16 years with a 1% interest rate. 3) There will be interest only payments for one year from the date of closing. 4) An appraisal must be available prior to loan closing. 5) The WVWDA and the WVEDA will have a shared first lien on the building. 6) Repayment will be subject to the sale or lease of the property. *Motion passed.*

Informational Items

Marie Prezioso reported that, during the Technical Review and Funding Committee, they had a discussion about Critical Needs Extensions that were greater than \$1,000,000. Nothing has been decided, but they will continue the discussion to determine if there needs to be any modifications to their policy. They will also discuss any changes on the MHI policy.

Kathy Emery reported that EPA is drafting additional waivers and they've applied for capitalization grants for the Clean Water SRF for both the base and the bill for emerging contaminants funding.

Meredith Vance reported that they have applied for capitalization grants for the base grant and three additional bill capitalization grants for lead, emerging contaminants, and a supplemental grant.

Executive Director Comments

Wayne Morgan mentioned that Bradley PSD will be in requesting a CWSRF Design Loan (1.75%, 30 years, .25% admin fee) of \$395,100, a CWSRF Loan (1.75%, 30 years, .25% admin fee) of \$3,725,349, a CWSRF Debt Forgiveness Loan of \$500,000, a Raleigh County Commission Grant of \$50,000, an IJDC Grant of \$420,000, and an IJDC Soft Cost Grant of \$80,000 with a total cost of \$5,170,449.

The Town of Ellenboro will be in requesting a CWSRF Debt Forgiveness of \$1,500,000 and an IJDC Grant of \$1,000,000 with a total cost of \$2,500,000 (IJDC binding commitment is through July 1, 2023 since funds were not available to the Town until July 1, 2022).

Enlarged Hepzibah PSD will be in requesting a Harrison County ARPA Grant of \$284,500 (up to \$500,000 if needed for bid overrun) and an IJDC Loan (2.75%, 20 years) of \$1,893,000 with a total cost of \$2,177,500.

Projects Requiring Additional Information

Gauley River PSD, 2022W-2179

Greater Harrison PSD, 2022S-2162

Mercer County PSD, 2021W-1992

Mountain View Water Association, 2022W-2184

City of Pennsboro, 2022S-2161

Pleasant Hill PSD, 2018W-1746

Town of Triadelphia, 2022W-2157

Town of West Union, 2022W-2119

Public Comment

There was no public comment; however, there was a demonstration by RK&K of the CWSRF Needs Survey Dashboard.

Applications Received

No sewer applications were received.

The following water applications were received:

Berkeley County PSD, 2022W-2166

Clarksburg Water Board, 2021W-2202

Clarksburg Water Board, 2022W-2202

Town of Davy, 2022W-2204

Lubeck PSD, 2022W-2203

Meadow Creek PSD, 2022W-2175

Putnam County Commission, 2022W-2198

Ravenscliff McGraws Saulsville PSD, 2022W-2199

Ravenscliff McGraws Saulsville PSD, 2022W-2205

Short Line PSD, 2022W-2164

Town of Union, 2022W-2191



**WEST VIRGINIA
RURAL WATER
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Every drop counts.