

West Virginia Rural Water Association

Vol. 27
Issue 1

January 7
2021

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

Infrastructure Council Conducts Regular January 2021 Meeting

The West Virginia Infrastructure and Jobs Development Council (IJDC) convened in regular session on January 6, 2021 at the Water Development Authority in Charleston.

At that meeting, seven projects were Recommended to Pursue Infrastructure Fund Assistance. Four projects were Recommended to Pursue Funding Sources Other Than Infrastructure Fund Assistance. Four projects Requested an Infrastructure Fund Binding Commitment. Four projects were Recommended for Infrastructure Fund

Economic Development Assistance. Seven projects Required Additional Information. Two sewer and three water applications were received.

Projects Recommended to Pursue Infrastructure Fund Assistance

City of Follansbee, 2020C-109. A crisis situation now exists in the Alleghany Steel Run adjacent to Blosser Lane in the city. An existing 8-inch gravity sewer line now meanders the Alleghany Steel Run and the Blosser Lane, collecting sewage from houses on both sides of the creek. A section of the existing sewer line that was installed along the banks of the creek has deteriorated beyond repair. Numerous temporary patches were made on this line in the recent past to stop discharge of raw sewage in the creek, but the pipe is now beyond repair and must be replaced as soon as possible. The existing rate per 3,400 gallons is \$38.32 and the proposed rate is \$43.21. The 1.5 percent MHI is stated at \$63.93. The engineer is Paul Ghosh. The proposed funding is an IJDC Critical Needs Grant of \$374,281. Total project cost is \$374,281. **Motion passed.**

Town of Nutter Fort, 2020S-1917. The Town of Nutter Fort is proposing to replace deteriorating sections of the existing sanitary sewer collection system. These areas were discovered to be in poor condition in the last sewer project, but were not included due to available funding. The project is proposing to replace sections of line along the 700 Block of Maryland Avenue, the remaining portion of Thomas Avenue, Lewis Dotson Avenue, Romano Street, and along the alley in-between Pennsylvania Avenue and Maryland Avenue. This project also proposes to clean a portion of the main interceptor that runs along Elk Creek. The proposed rate per 3,400 gallons is \$66.79. The 1.5 percent MHI is stated at \$49.48. The engineer is Daniel Ferrell. The proposed funding is a CWSRF Principal Forgiveness Loan of \$815,000 and an IJDC District 1 Grant of \$815,000. Total project cost is \$1,630,000. **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.

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

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 proposed funding is USDA Grant of \$635,000, a USDA Loan (1.12%, 38 years) of \$245,000, and an IJDC District 1 Grant of \$500,000. Total project cost is \$1,380,000. **Motion passed.**

Town of Buffalo, 2020S-1901. The proposed project is to provide sanitary sewer service that is a critical needs project in Buffalo, Putnam County. The proposed rate per 3,400 gallons is \$32.78. The 1.5 percent MHI is stated at \$46.39. The engineer is Kennon T. Chambers. The sources and

amounts proposed in the preliminary application consisted of an Other Grant of \$332,788 with a total cost of \$332,788. The proposed funding is an IJDC Critical Needs Grant of \$332,788. Total project cost is \$332,788. An engineering design and total fee variance will be required. **Motion passed.**

Town of Wardensville, 2020W-1879. The Town of Wardensville improvement project consists of water treatment plant improvements, installation of an additional water source, water storage tank improvements or replacement, water meter replacement, fire hydrant replacement, and installation of a SCADA system. The need for this project is a result of the Town's source water being declared GWUDI, requiring changes in the type of treatment utilized. The proposed rate per 3,400 gallons is \$64.97. The 1.5 percent MHI is stated at \$43.75. The engineer is John W. Cole. The sources and amounts proposed in the preliminary application consisted of an IJDC PFA Grant of \$46,738.50, an IJDC District 2 Grant of \$953,261.50, a Local/City/Council (committed March 11, 2020) of \$46,738.50, a RUS Grant of \$500,000, a RUS Loan (2%, 40 years) of \$750,000, an IJDC Design Loan (1%, 40 years) of \$200,000, and an IJDC District 2 Loan (1%, 40 years) of \$2,172,538.50 with a total cost of \$4,669,277. The proposed funding is a USDA Grant of \$960,000, a USDA Loan (2%, 30 years) of \$1,460,738.50, an IJDC District 2 Design Loan (2%, 30 years) of \$157,000, an IJDC District 2 Grant of \$453,261.50, an IJDC District 2 PFA Grant of \$46,738.50, and a Town Contribution of \$46,738.50. Total project cost is \$3,124,477. **Motion passed.**

Bluewell Public Service District, 2016W-1629. The proposed project is to provide water service to customers in the Browning-Lambert Mountain and Montcalm areas in Mercer County, provide improved fire hydrant coverage to

the existing Montcalm Elementary school and additional existing customers in the vicinity, and put new facilities in place that will position the Public Service District for future extensions to customers in the Rock and Crystal area. The proposed rate per 3,400 gallons is \$49.10. The 1.5 percent MHI is stated at \$40.16. The engineer is Robert D. Hazelwood. The sources and amounts proposed in the preliminary application consisted of a RUS Loan (1.75%, 38 years—committed May 4, 2020) of \$1,920,000, a RUS Grant (committed May 4, 2020) of \$800,000, and an IJDC District 3 Grant (committed December 2, 2020) of \$800,000 with a total cost of \$3,520,000. Bluewell Public Service District is requesting an engineering total fee variance. **Motion passed.**

Mingo County Public Service District, 2018S-1776. The proposed project is an inflow and infiltration rehabilitation project for the entire collection system including minor improvements to the main pump station. The existing rate per 3,400 gallons is \$25.64 and the proposed rate is \$14.80. The 1.5 percent MHI is stated at \$41.53. The engineer is Jonathan Carpenter. The sources and amounts proposed in the preliminary application consisted of an ARC Grant of \$1,500,000, an IJDC District 3 Grant of \$500,000, and a CWSRF Loan (1.5%, 30

IJDC Technical & Funding Committee Meeting

*Tuesday, 10:00 a.m.
January 26, 2021*

IJDC Council Meeting

*Wednesday, 9:30 a.m.
February 3, 2021*

Water Development Authority
1009 Bullitt Street
Charleston, WV

years) of \$1,000,000 with a total cost of \$3,000,000. The proposed funding is an ACE Grant of \$1,050,000, a WV DEP LCAP Grant of \$1,192,000, an ARC Grant of \$748,520, an IJDC District 3 Grant of \$500,000, and a

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CWSRF Loan (.5%, 30 years) of \$891,110. Total project cost is \$4,381,630. *Motion passed.*

Projects Recommended to Pursue Funding Sources Other Than Infrastructure Fund Assistance

Crab Orchard—MacArthur Public Service District, 2020S-1919. The Harper-Eccles Sewer Extension Project will provide public sewer service to residents along Route 3 (Harper Road) in Raleigh County starting at the intersection with Bridge Lane and heading southwest to the intersection of Route 3 with Jehu Branch in Eccles for an approximate distance of 3 miles, to residents along Stoots Road from its connection to Harper Road to its terminus for an approximate distance of .5 miles, and to residents along Jehu Branch extending to current sewer lines near Oak Grove Road for an approximate distance of 2 miles. The proposed rate per 3,400 gallons is \$42.73. The 1.5 percent MHI is stated at \$51.29. The engineer is Anthony Brown. The sources and amounts proposed in the preliminary application consisted of an Other Grant of \$2,000,000 with a total cost of \$2,000,000. The proposed funding is an AML Pilot Grant of \$7,647,398 and a CDBG (SCBG) Grant of \$1,997,602. To-

tal project cost is \$9,645,000. *Motion passed.*

City of Gary, 2019S-1853. The City of Gary has received multiple "Notice of Violations" from the West Virginia Department of Environmental Protection, which culminated in a Consent Order being issued directing the upgrade or replacement of equipment at the existing wastewater plant and reduction of inflow and infiltration within the collection system. The proposed project consists of approximately 84,000 linear feet of force main in sizes ranging from 1.5" to 6" in diameter, 380 STEP units, 8 community septic tanks, 3 grease interceptors, and various appurtenances. This alternative will also utilize a small portion of the existing gravity system near the community septic tanks. Treatment for this project is proposed to be supplied by the City of Welch. A letter of capacity will be obtained as part of the WV IJDC funding scenario approval process. The proposed rate per 3,400 gallons is \$24.11. The 1.5 percent MHI is stated at \$39.58. The engineer is Stacy A. Fowler. The proposed funding is an ARC Grant of \$1,586,000 and a CDBG (SCBG) Grant of \$1,000,000. Total project cost is \$2,586,000. *Motion passed.* The City of Gary is requesting a total engineering fee variance. *Motion passed.*

Town of Hillsboro, 2020S-1902. The proposed project is to replace and repair existing lift station and improvements to the wastewater treatment lagoon. The proposed rate per 3,400 gallons is \$47.00. The 1.5 percent MHI is stated at \$34.52. The engineer is Eric J. Coberly. The proposed funding is a CDBG (SCBG) Grant of \$1,033,200. Total project cost is \$1,033,200. *Motion passed.*

City of Mount Hope, 2020S-1918. The proposed project is the Mt. Hope Rt. 16 Bypass Sewer Extension Project. The proposed rate per 3,400 gallons is \$57.30. The 1.5 percent MHI is stated at \$26.52. The engineer is Anthony

Brown. The sources and amounts proposed in the preliminary application consisted of an Other Grant of \$2,000,000 with a total cost of \$2,000,000. The proposed funding is a CDBG (SCBG) Grant of \$2,000,000. Total project cost is \$2,000,000. *Motion passed.*

Projects Requesting an Infrastructure Fund Binding Commitment

Tucker County Development Authority, 2020S-1925. This proposed project will conduct a feasibility study to assess the overall wastewater treatment needs/issues in the vicinity of Davis, Thomas, the Tucker County Industrial Park, and other surrounding developable areas in Tucker County, WV. The study will address long term considerations of reducing inflow and infiltration with Davis' and Thomas' systems, upgrading one or both wastewater treatment plants, and/or constructing a centralized regional wastewater treatment plant. The 1.5 percent MHI is stated at \$45.31. The engineer is David Sharp. The Tucker County Development Authority is requesting a District 1 PFA Funding binding commitment of \$50,000 contingent upon receipt of the US EDA Grant of \$50,000. *Motion passed.*

City of Ravenswood, 2020W-1860. The City of Ravenswood, WV owns and operates a potable water treatment and distribution system that currently serves 1,876 residential and commercial customers and provides bulk water to the Northern Jackson Public Service District, which serves 1,086 customers. Current water production facilities consist of seven (7) deep wells; chlorination and fluoridation equipment, two baffled clearwells, and high service pumps. Distribution facilities consist of 116,160 LF of water mains, three 500,000 gallon tanks, and a hydropneumatics booster pumping station. Some of the facilities date from as long ago as 1939, while the most recent facilities (wells 6

and 7) were installed in 2004. The City desires to refurbish or replace components of the system that are no longer fully functional or are deteriorating. Additional improvements will address shortcomings identified by the WV Bureau for Public Health in its most recent (2017) Sanitary Survey. Items to be addressed include replacing existing water meters with radio-read meters, replacing non-functional valves, sand blasting and repainting all three tanks, adding fencing at the Hillcrest tank site, replacing limited lengths of leaking mains, and installing a new emergency generator and electrical equipment at the water treatment plant. The existing rate per 3,400 gallons is \$23.71 and the proposed rate is \$29.29. The 1.5 percent MHI is stated at \$38.18. The engineer is Fredrick "Fred" L. Hypes. The sources and amounts proposed in the preliminary application consisted of an IJDC District 2 Loan (3%, 20 years) of \$6,201,045 with a total cost of \$6,201,045. The City of Ravenswood is requesting a binding commitment for an IJDC District 2 Loan (3%, 20 years) of \$1,138,800. *Motion passed.*

Town of Wardensville, 2020W-1879. The Town of Wardensville improvement project consists of water treatment plant improvements, installation of an additional water source, water storage tank improvements or replacement, water meter replacement, fire hydrant replacement, and installation of a SCADA system. The need for this project is a result of the Town's source water being declared GWUDI, requiring changes in the type of treatment utilized. The proposed rate per 3,400 gallons is \$64.97. The 1.5 percent MHI is stated at \$43.75. The engineer is John W. Cole. The sources and amounts proposed in the preliminary application consisted of an IJDC PFA Grant of \$46,738.50, an IJDC District 2 Grant of \$953,261.50, a Local/City/Council (committed March 11, 2020) of \$46,738.50, a RUS

Grant of \$500,000, a RUS Loan (2%, 40 years) of \$750,000, an IJDC Design Loan (1%, 40 years) of \$200,000, and an IJDC District 2 Loan (1%, 40 years) of \$2,172,538.50 with a total cost of \$4,669,277. The Town of Wardensville is requesting a binding commitment for an IJDC District 2 Design Loan (2%, 30 years) of \$157,000. *Motion passed.*

Pocahontas County Public Service District, 2017S-1707. The proposed project is a sewer extension to approximately 110 customers in the communities of Frank & Bartow. The existing rate per 3,400 gallons is \$33.00 and the proposed rate is \$40.22. The 1.5 percent MHI is stated at \$40.20. The engineer is Eric J. Coberly. The sources and amounts proposed in the preliminary application consisted of a CWSRF Loan (2%, 30 years—committed November 30, 2020) of \$760,000, a SCBG of \$1,500,000, a CWSRF Debt Forgiveness of \$780,000, and an Other Grant of \$600,000 with a total cost of \$3,640,000. Pocahontas County Public Service District is requesting a binding commitment for an IJDC District 3 Grant of \$273,000 pending the transfer of loan funds to grant funds for a total IJDC District 3 Grant of \$500,000 (\$227,000 provided at the December 2, 2020 Council Meeting). *Motion passed.*

Projects Recommended for Infrastructure Fund Economic Development Assistance

Raleigh County Memorial Airport, 2020E-191. The Raleigh County Memorial Airport is requesting an additional \$239,000 from the IJDC. The funds would be used as a match for US Economic and Development Administration and Appalachian Regional Commission funding that has been secured for the water and sewer projects in support of the site development at the Airport

Industrial Park. *Motion passed.*

Barbour County Development Authority, 99E-039. The Barbour County Development Authority is requesting an extension to its maturity date, which will now be February 1, 2035. *Motion passed.*

Huntington Industrial Corporation, 2004E-087. The Huntington Industrial Corporation is requesting an extension to its maturity date, which will now be February 1, 2035. *Motion passed.*

Putnam County Development Corporation, 99E-037. The Putnam County Development Corporation is requesting an extension to its maturity date, which will now be February 1, 2035. *Motion passed.*

Business Items

Wayne Morgan presented the Council with the Resolution Converting Loan Money to Grant Money. Senate Bill 153 amends Section 10 of the Council Act, in part, so that if on January 1 of any year, the amount for grants in any congressional district is below \$150,000, the Council may convert up to thirty (30) percent of the funds available for loans in that congressional district to be used for grants within the congressional district, if and when needed to make an award. As of January 1, 2021, the amount available for grants in Congressional District 3 is \$242.68, which is below \$150,000. As of January 1, 2021, the amount available for loans in Congressional District 3 is \$36,972,829.20. The Council has received requests for binding commitments of \$273,000 in grants for projects in Congressional District 3. The Resolution proposes: 1) Pursuant to the Council Act, the Council hereby redesignates

\$273,000 of Congressional District 3 loan funds to Congressional District 3 grant funds. This redesignation does not exceed thirty (30) percent of the funds available for loans on January 1, 2021. 2) During the remainder of FY 2021, for any project being recommended for a grant binding commitment in District 3 and such grant money is within the 30% (\$10,818,848.76 remains), the transfer shall be approved as part of the binding commitment approval. 3) Any funds remaining from the \$10,818,848.76 on June 30, 2021 shall be redesignated as Congressional District 3 loan funds. *Motion passed.*

Projects Requiring Additional Information

Denver Water Association,
2020W-1888

City of Thomas, 2020C-107

Town of Reedy, 2014S-1507

Bradley Public Service District,
2020S-1884

Hamlin Public Service District,
2020S-1889

McDowell County Public Service District, 2019W-1838

City of Smithers, 2020S-1871

Applications Received

The following sewer applications were received:

Nitro Sanitary Board, 2020S-1921

Mason County Public Service District, 2020S-1922

The following water applications were received:

Town of Reedy, 2017W-1692

Central Hampshire Public Service District, 2020W-1874

Town of Fort Gay, 2020W-1904

Other Reports

Kathy Emery reported that it appears that the next federal budget will allow similar appropriations to both the Clean Water and Drinking Water SRF.

Marie Prezioso is required to report quarterly on the Resolution that was passed on deferrals for Economic Development loans due to COVID-19. They have 7 deferred until April 1, but, of the 7, one is paid off, one has never used the deferral, and the others really aren't far behind.

Public Comment

There was no public comment.



**WEST VIRGINIA
RURAL WATER
ASSOCIATION**

Every drop counts.