

**West Virginia**  
**Drinking Water Treatment Revolving Fund**

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**FY2024**  
**Intended Use Plan**

Submitted to the  
U.S. Environmental Protection Agency  
Region III  
August 10, 2023

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# Glossary

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The following abbreviations are used throughout this document to denote the listed words, terms, and phrases:

- ACT – WV Code Chapter 22, Article 36
- BAN – Bond Anticipation Note
- BCL – Binding Commitment Letter
- BIL – 2022 Bipartisan Infrastructure Law
- BPH – West Virginia Bureau for Public Health
- CWSRF – Clean Water State Revolving Fund
- DWTRF – Drinking Water Treatment Revolving Fund
- DEP – West Virginia Department of Environmental Protection
- DHHR – Department of Health and Human Resources
- EPA – United States Environmental Protection Agency
- ETT – Enforcement Targeting Tool
- IJDC – West Virginia Infrastructure and Jobs Development Council
- IUP – Intended Use Plan
- LSL – Lead Service Line
- MHI – Median Household Income
- OA – Operating Agreement
- OEHS – West Virginia Office of Environmental and Health Services
- PFAS – Polyfluoroalkyl Substances
- PPL – Project Priority List
- PSC – Public Service Commission of West Virginia
- PWS – Public Water System
- PWSS – Public Water Supply Supervision Program
- SDWA – Safe Drinking Water Act
- USGS – U. S. Geological Survey
- WDA – West Virginia Water Development Authority

# SECTION I

## Introduction

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This document is the Drinking Water Treatment Revolving Fund's (DWTRF) Intended Use Plan (IUP) for state fiscal year 2024 (July 1, 2023 – June 30, 2024 (FY2024)).

The West Virginia Legislature, at the 2023 Regular Session, passed House Bill 561, which transferred administration of the DWTRF from BPH to the DEP effective July 1, 2023. The DEP will be working in collaboration with the Office of Environmental and Health Services (OEHS) to provide funding to necessary projects and to provide financial support to the OEHS to carry out set-aside activities funded under Sections 1452 (g)(2)(A), (B), (C), and (D) and Sections 1452 (k)(1)(B), (C), and (D) of the Federal Safe Drinking Water Act.

As a result, the DEP will be responsible for issuing and implementing the IUP and providing the necessary funding from the set-asides to fund all eligible expenditures in support of the OEHS Environmental Engineering Division.

The Safe Drinking Water Act (SDWA) amendments of 1996 authorized a DWTRF program to assist public water systems in financing the cost of the infrastructure needed to achieve or maintain compliance with SDWA requirements and protect public health. The WV Legislature created the DWTRF in 1997. In addition to federal capitalization grants and amendments awarded by the United States Environmental Protection Agency (EPA), the State has provided, where required, the matching funds for each grant and amendment. Repayments of loans, dedicated settlements, and investment earnings are also available within the Drinking Water Treatment Revolving Fund to fund drinking water projects. Funds available during this fiscal year are listed in Section II.

# SECTION II

## Funds Identification

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The chart on the next page identifies the sources that will be used for loans and other anticipated expenditure categories. The 2% Technical Assistance funding is used to contract for a Continuing Education Training program for water operator training and certification. The 10% Program Management funding is used for enhancing the Public Water Supply Supervision Program (PWSS). The 15% Local Assistance funding is used in implementing the required state Source Water Protection Program and assessing and assisting in the technical, managerial, and financial capacity of small systems. Projects will be added to the IUP from the PPL in priority order, subject to readiness to proceed.

# WEST VIRGINIA DRINKING WATER TREATMENT REVOLVING FUND

## Intended Use Plan – Sources and Uses of Funds

State FY2024 (July 1, 2023 – June 30, 2024)

### Available funds as of March 31, 2023:

Cash balance in DWTRF account =	\$ 48,975,237	
Federal funds accounts payable (BIL grants) =	\$ 41,843,899	
		<u>\$ 90,819,136</u>

### New funds available during state FY2024:

Next Federal EPA Base Grant	\$ 4,938,000	
Next Base State Match	\$ 987,600	
Next Federal BIL Grant	\$ 21,055,000	
Next BIL State Match	\$ 2,105,500	
Emerging Contaminants Grant**	\$ 7,640,000	
Lead Service Line Replacement funds**	\$ 28,650,000	
Est. Repayments (principal) (to 6/30/24)* =	\$ 8,669,264	
Est. Repayments (interest) (to 6/30/24)* =	\$ 1,258,601	
Est. Investment Earnings (to 6/30/24)* =	\$ 2,319,009	
		<u>\$ 77,622,974</u>

### Less:

Existing project loans payables (3/31/23) =	\$ 21,790,969	
Existing binding commitments (3/31/23) =	\$ 16,610,057	
2 percent set-aside for Technical Assistance	\$ 994,100	
4 percent set-aside for Program Administration	\$ 0	
10 percent set-aside for State Program Management	\$ 2,994,507	
15 percent set-aside for Local Assistance	\$ 7,138,950	
		<u>\$49,153,583</u>

**Net available funds during FY2024 = \$119,288,527**

Notes:

The matches should be received from the IJDC by July 2023.

\*These are estimates at this time. Project funding will be adjusted to accommodate the actual funds received.

\*\* No match is required

# SECTION III

## Goals

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### A. Short Term Goals

1. Fill vacant staff positions within the OEHS, Environmental Engineering Division (EED) and the DEP's DWTRF. There are currently multiple positions vacant throughout the Division and within the DWTRF.
2. Hire a contractor to assist small community systems with completing the LSL inventory.
3. Work with appropriate agencies in the implementation of West Virginia's newly passed PFAS Protection Act.
4. Work with Public Water Systems (PWS) to reduce health-based violations.
5. DEP and OEHS will work together to implement House Bill 561 and implement the agreed upon Memorandum of Understanding.
6. Modify the WVDEP's Clean Water State Revolving Fund (CWSRF) website to reflect both programs.

### B. Long Term Goals

1. Assist with and fund the necessary infrastructure to upgrade water quality for existing public water customers and to provide water to individuals whose water currently does not comply with the SDWA or is unreliable. The DWTRF has a fund utilization goal of 95%.
2. Ensure the DWTRF program operates in perpetuity at its maximum level to provide financial assistance to qualified entities.
3. Continue implementation of the Capacity Development Strategy including assisting public water systems in acquiring and maintaining the technical, managerial, and financial capacity to comply with the SDWA. Provide assistance to ensure that all new community water supplies and new non-transient non-community supplies have the technical, managerial, and financial capacity to comply with current regulations and those regulations likely to be in effect, when the proposed systems initiate operations.
4. Funding will be provided to OEHS from available set-aside funding to continue development, enhancement, and improvement of the PWSS through improved methodology and consistency of the sanitary surveys. This includes completion of a full complement of staffing in the district offices and implementation of an automated data collection system for laboratories to forward results to OEHS.

5. Funding will be provided to OEHS from available set-aside funding to protect source water from future contamination through Source Water Assessment and Protection (SWAP) and Well Head Protection (WHP) programs.
6. Funding will be provided to OEHS from available set-aside funding to continue to implement an operator training continuing education program focusing on training course/instructor criteria and operator training requirements.
7. Continue to strive to minimize unliquidated obligations (ULOs) by expeditiously disbursing both set-aside and construction funds in a timely manner. The goal is to attain a half year or less balance for the 2%, 10% and 15% set-asides at the time a new grant is awarded. Set-aside amounts requested in this IUP are supportive of minimizing ULOs.

## SECTION IV

# Project Priority List

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Projects requesting DWTRF funding assistance are prioritized using the DWTRF Project Priority Ranking System. Three categories (public health, regulatory compliance, and affordability) are used to determine project scoring. Projects that apply for DWTRF funding are ranked on a PPL and are listed in the Project Priority List/Comprehensive List (Appendix A). The highest ranked projects on the PPL are contacted concerning their project status to determine if funding from the DWTRF is appropriate and the project is ready to proceed. The PPL ranking system allows for higher public health ranking for utilities that have multiple violations as reflected in the Enforcement Targeting Tool (ETT). The ranking system allows coordination of projects funded with consideration of the enforcement agency.

Projects expecting to receive assistance from the DWTRF are on the Funding List Detailed Description (Appendix B). These projects include distribution system upgrades, water treatment plant improvements, extensions to new customers, lead service line inventories, lead service line replacements, and emerging contaminant treatment. Projects solely for economic growth or projects solely for fire protection are not eligible for DWTRF assistance.

Projects that rank lower on the PPL may still receive funding should one or more of the higher ranked projects be bypassed using the bypass procedure described below.

### **A. Bypass Procedure**

Prior to implementing the bypass procedure, projects listed on the PPL will be reviewed to determine their readiness to proceed. Based on the review, DWTRF staff will determine whether to bypass the project and select another project for funding commitment consideration. A project will be bypassed based upon readiness to proceed and ability to receive a binding commitment prior to the end of the term of this IUP. To be considered ready to proceed and eligible to receive a BCL, the project must be able to meet all DWTRF programmatic requirements, have approved plans and specifications, have all funding

sources identified, and be ready to proceed to construction within 6-12 months of receiving the BCL. If, during the year, a project that was anticipating funding based upon Appendix B, has a substantial scope change that would require it to be re-ranked below another project that is ready to proceed, this project will be re-evaluated for funding at a later date. Any projects with any technical, managerial, and financial capacity concerns that are not expected to be resolved by the proposed project will only be considered after the issues have been resolved.

When a project is bypassed, the project will remain on the PPL for consideration at a future time. DEP will provide technical assistance (as needed) with bypassed projects to assist them in being eligible for future funding. If a funded project comes in under estimate, the remaining funds may be used to fund additional project work that can be associated with the project scope; to fund the next project on the PPL (if the cost does not exceed the available funds); or to fund other water system project needs as deemed appropriate by OEHS and DEP.

If additional projects are developed during the fiscal year that do not appear on the list, but would like to be considered, they may be added to the list after adequate public notification procedures have been completed. This procedure generally takes 60 days.

## **B. Emergency Projects**

Projects to remediate an imminent significant hazard to a community's public health may be considered an emergency project if approved by OEHS and DEP. An emergency project may not be required to be on the approved PPL if the evaluation by OEHS and DEP verifies the urgency of the project execution to avoid a major impact to the water system's customers. Emergency projects may be reviewed and approved by the IJDC.

## **C. Requirements for a Binding Commitment**

Once it has been determined that a project can realistically proceed to construction within 6-12 months, a formal commitment of DWTRF funding will be made that may include such terms and conditions as deemed necessary. At a minimum, the plans and specifications must be approved, and consideration will be given to the status of rights-of-way and real estate obtainment and other items on the pre-bid checklist during this process.

# SECTION V

## Fund Activities

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The SDWA regulations, 40CFR35.3525(a)(5), require that at least 15% of the funds in the DWTRF must go to systems serving less than 10,000 total persons. The SDWA allows banking the prior year's excess above the 15% toward meeting the current fiscal year's requirement. In accordance with the above regulation, the projects listed in the Funding List, Appendix B, will ensure that at least 15% of the funds will meet this requirement.



West Virginia legislation establishes the DWTRF requirement for disadvantaged communities. “The Department of Environmental Protection shall, in accordance with the provisions of the federal Safe Drinking Water Act, establish a program for loan subsidies to disadvantaged communities. Thirty percent of the federal capitalization grants made to this state shall be dedicated to the funding of projects for disadvantaged communities” (WV Code §22-36-2(d)). The 30% requirement will be calculated on a cumulative basis of awarded grants. The projects listed on the Funding List, Appendix B, will ensure that this requirement has been met.

Disadvantaged communities are those that have a monthly water user rate equal to or greater than 1.5% of the MHI and/or receive principal forgiveness because of income, unemployment, population loss, providing service to failing and/or unserved areas, and poverty rates.

#### **A. Interest rates on PWS loans**

The eligibility criterion for low interest loan consideration will be based upon 3,400 gallons of monthly water usage. The DEP will use this criterion to determine the interest rate on loans. The maximum allowable term of the loans will be determined using the following range of user rates and MHI data:

*Less than 1.5% MHI: Terms will be based upon the 25-Bond Revenue Index. At BCL issuance, the DWTRF will use the last published rate less 5 basis points (.05) for a 20-year term. At no point will the terms exceed 2.75% interest rate, .25% annual admin fee, 20-year term\**

*1.5% to 1.74% MHI: 1.75% interest rate, .25% annual admin fee, 21 - 30-year term*

*1.75% to 2.0% MHI: .75% interest rate, .25% annual admin fee, 21 - 30-year term*

*Greater than 2% MHI: .25% interest rate, .25% annual admin fee, 31 - 40-year term*

The MHI data is derived from the 2020 census data published by the U.S. Department of Commerce, U.S. Census Bureau, American Fact Finder. Interest rates will not exceed 2.75%. For public service districts, the MHI to be used will be the lowest of either the county(s) or magisterial district(s) that is most appropriate for the project area. Magisterial district and county information can be found in Appendix D. Municipal MHI data is contained in Appendix D1.

Due to concerns over the 2020 Census data, the use of income surveys to verify the MHI of individual communities will be allowed. Please see the website for further guidance. <https://dep.wv.gov/WWE/Programs/SRF/Pages/default.aspx>

Should Congress amend the SDWA or pass reform legislation that affects small, disadvantaged communities, the DEP may revise this interest rate policy to consider other factors as required by federal law.

Projects that receive a binding commitment during the term of this IUP, will have the option of using either this or the 2023 IUP to set the terms.

\* For extension projects, a 30-year term will be considered if a substantial rate impact can be documented.

**B. Additional subsidization for disadvantaged communities**

This year’s base funding allocation for West Virginia is \$4,938,000. A portion of each capitalization grant must be used for additional loan subsidization. Therefore, the DEP will be setting aside \$2,419,620 from the capitalization grant to be used as principal forgiveness.

This year’s BIL funding allocation for West Virginia is \$21,055,000. BIL requires 49 percent of the allotment (\$10,316,950) be in the form of additional subsidy as a principal forgiveness loan.

Principal forgiveness of all or part of a loan will be the mechanism that will be used to supply the additional subsidization. Additional loan subsidization is a last resort for disadvantaged communities and will only be provided when other funding options within the DWTRF program are not practical to make the project financially affordable (i.e. 40-year loan terms, deferred principal repayments, reduced debt service coverage, etc.).

Additional subsidization eligibility will be on the following basis:

Income based upon %MHI – Based upon the 2020 Census data for 3,400 gallons of water usage.

<u>MHI</u>	<u>Point</u>
1.25% - 1.74%	20
1.75% - 1.99%	30
2.0% - 2.4%	40
2.5% or greater	50

Unemployment Data – As published by WorkForce West Virginia, the State’s average unemployment rate was 4.0% in 2022. See Appendix E.

<u>Locality’s Unemployment Rate (UR)</u>	<u>Points</u>
UR < West Virginia’s UR	0
UR 0% - 2% above West Virginia’s UR	10
UR > 2% above West Virginia’s UR	20

Population Trends – Based upon the percentage change for the period from 2015 to 2020 (calendar years) by county as published by the 2020 Census. See Appendix F.

<u>Change in Population</u>	<u>Points</u>
Greater than +2%	0
0 to +2%	10
Less than 0%	20

Consolidation and extensions to serve unserved areas and failing systems: 10 Points

Poverty Rate greater than or equal to 20% as found on the following Census site:  
10 Points <https://data.census.gov/cedsci/>

For applicants that receive at least 40 points, the project is eligible for the lesser of 50% of the total eligible DWTRF project costs or \$1,000,000 in principal forgiveness.

For applicants that receive at least 70 points, the project is eligible for the lesser of 100% of the total eligible DWTRF project costs or \$1,500,000 in principal forgiveness.

The final amount of the subsidy will be determined after receipt of bids and after a formal application is submitted. Note: For wrap loans, as existing debt is retired, the dedicated revenue stream will rollover to pay the amount of any deferred loan.

**C. Lead Service Line Replacement Loans**

The DWTRF program will provide Lead Service Line Replacement Project loans at 0% interest for both disadvantaged and non-disadvantaged community water systems. Disadvantaged community water systems will also be eligible for principal forgiveness loans to complete service line inventories. These projects will be subject to the same loan term lengths as described previously. This year's BIL funding allocation for West Virginia is \$28,650,000. BIL requires 49 percent of the allotment (\$14,038,500) be in the form of additional subsidy as a principal forgiveness loan. Principal forgiveness will be distributed in the same method as described in paragraph B above.

For a project to be eligible for this funding, it must meet the following definition: Any part of a service line made of lead, which connects the water main to the building inlet. A lead service line may be owned by the water system, owned by the property owner, or both. A galvanized service line is considered a lead service line if it ever was or is currently downstream of any lead service line or service line of unknown material. This can include the replacement of lead goosenecks, pigtails, and connectors as eligible expenses, whether standalone or connected to a lead service line. Lead service line inventories are also eligible for this funding.

**D. Emerging Contaminants**

The BIL created a DWTRF funding stream for projects that address emerging contaminants. The funding must be in the form of additional subsidy as a principal forgiveness loan. West Virginia's allotment is \$7,640,000. This allotment requires that at least 25 percent of the grant be awarded to a disadvantaged community or a public utility serving a population less than 25,000.

For a project to be eligible for funding under this program, it must be DWTRF eligible, and the primary purpose must be to address emerging contaminants in drinking water with a focus on perfluoroalkyl and polyfluoroalkyl substances (PFAS). Projects that address any contaminant listed on any of EPA’s Contaminant Candidate Lists are eligible (i.e., CCL1 – CCL5). Projects for which the primary purpose is to address contaminant(s) with a National Primary Drinking Water Regulation (PFAS exception) are not eligible. Eligible applicants must be a PWS, and sampling is only eligible when used as part of project design and construction for eligible projects. Applicants do not need to be eligible for additional subsidization under Section V.B to be eligible for this funding.

**E. Set-Aside Activities**

In addition to the DWTRF construction fund, there are four “set-aside” or non-project accounts to be administered by DEP and OEHS. These separate accounts include Administration of the Loan Program, Technical Assistance, State Program Management, and Local Assistance. In addition to funding for staff expenses, there are also programs being undertaken to improve the health and safety of State water systems.

The goals, objectives, methods, outputs, and outcomes for these set-asides are located in the grant work plans.

Anticipated Set-Asides (Non-Project Funds)

Technical Assistance (up to 2%) BIL & LSLR	\$ 994,100
DWTRF Admin. Expenses (up to 4%)	\$ 0*
Drinking Water Program Support (up to 10%) Base, BIL, LSLR	\$ 2,994,507
Local Assistance/State Activities (up to 15%) Base, BIL, LSLR, EC	\$ 7,138,950

\*DWTRF Admin. Expenses will be funded from the Administrative Fee account.

The State is reserving the amounts not awarded to be potentially used at a later date.

**F. Annual Administrative Fees on PWS loans**

Administrative fees are charged on all loans as a means of supporting the administrative costs of operating the DWTRF in perpetuity. These fees are maintained in a separate account outside of the DWTRF. The annual Administrative fee is initially calculated using the outstanding principal amount of the loan over its life but repaid over the term of loan in equal installments as contained in the loan amortization schedule. The chart in Section V(A) will be used to determine the annual Administrative fee on each loan. This fund will also be used to support the Capacity Development Program staff and other administrative expenses.

**G. Design Loans**

The DWTRF can provide design loans to eligible public water systems for projects on the PPL. The loans will be offered at the terms for which the applicant is eligible at the time of the design loan closing. See Section V(A).

## **H. Federal Requirements**

As a recipient of DWTRF funds, the DEP must apply federal requirements to loans equal to the amounts of all the federal capitalization grants. Recipients of Congressionally Directed Spending grants from Congress are required to meet these federal requirements for the entire project, including any DWTRF funds.

The projects listed in Appendix B that have been designated as equivalency projects are required to comply with federal requirements including, but not limited to, the Single Audit Act, DBE, FFATA, Buy America Build America Act (BABAA), EO 13690 Federal Flood Risk Management Standard, etc. These projects total more than the Base and BIL FFY 2023 capitalization grants.

## **I. Green Infrastructure (Green Project Reserve – GPR)**

The Capitalization Grant does not require any of the funds provided for projects to be used for water efficiency, energy efficiency, green infrastructure, or other environmentally innovative activities. However, these projects are encouraged and are eligible for funding.

## **J. Asset Management Implementation Effect on Loan Rates**

The DWTRF program has required loan recipients to implement an approved asset management plan (AMP) since 2009 to help ensure sustainability of water systems by properly managing their assets. The systems that have maintained, updated, and implemented their AMP are eligible for a reduction of the eligible loan rate by up to 0.5% on their next project.

## **K. Loan Prepayment**

DWTRF loan prepayment may be allowed under certain conditions upon prior written approval from the DEP and the WDA. All requests will be evaluated against Program policy and will not be considered earlier than ten years from loan closing unless under special circumstances. Refinancing through the DWTRF will be the preferred option.

## **L. Financial Status**

The DWTRF will be managed by DEP with assistance, through a contract agreement, from the West Virginia Water Development Authority (WDA). The WDA maintains the financial records and ensures bond conditions and audit requirements are met. DEP oversees OEHS's expenditure of the grant set-aside funds. The DWTRF program financial status is healthy with a principal and interest repayment stream from loans at approximately \$9,900,000 per year. The Administrative fee from loans has an annual income stream of approximately \$800,000 which will be used for the administrative costs of managing the Fund.

## **M. Total Amount of Funds in the DWTRF (Construction & Set-Asides)**

The amounts made previously available for the DWTRF program are as shown in the Sources and Uses chart in Appendix G.

## SECTION VI

# Assurances

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- Anticipated Cash Draw Ratio (Proportionality) – State match funds are disbursed prior to using capitalization grant funds.
- The DEP has agreed to provide EPA with information for the public health results for all loans closed during this fiscal year. This documentation is being requested by EPA to better ascertain the public health results of projects funded under the DWTRF program. The DEP also agrees to add any projects that count as a Green Project Reserve project into the database.
- Projects will be uploaded into EPA’s SRF database at least quarterly.

## SECTION VII

# Public Participation

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Comments will be received on the DWTRF IUP for FY2024 until August 6, 2023. A public meeting will be held at 9:30 am on July 27, 2023, at the WV DEP Headquarters in Charleston, WV. The option to attend virtually will also be offered. The notice was legally advertised in newspapers throughout the State. In addition, the DEP issued a notice of the IUP comment period by sending a mass email directly to consulting engineers, regional councils, and other interested parties.

Appendix C will contain the public comment notice and a summary of the comments.

APPENDIX A

FISCAL YEAR 2024  
COMPREHENSIVE  
PROJECT PRIORITY  
LIST

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# COMPREHENSIVE ALPHA RANKING LIST

## Base and Supplemental Projects

<u>Project</u>	<u>Ranking</u>
Alderson, Town of	17
Anmoore, Town of	41
Arthurdale Water Association	81
Athens, Town of	76
Belington, City of	55
Bellwood Community Facilities	80
Belmont, City of	90
Berkeley County PSD	70
Berkeley County PSD	72
Berkeley County PSD	156
Berkeley County PSD	157
Big Bend PSD	96
Boone County PSD	58
Branchland-Midkiff PSD	111
Branchland-Midkiff PSD	112
Branchland-Midkiff PSD	113
Branchland-Midkiff PSD	114
Buffalo Creek PSD	117
Buffalo Creek PSD	118
Burnsville Public Utility Board	93
Burnsville Public Utility Board	94
Cairo, Town of	20
Central Hampshire PSD	77
Century Volga PSD	108
City of Weirton	71
Clarksburg Water Board	11
Cool Ridge PSD	35



Cool Ridge PSD	78
Cowen PSD	33
Cowen PSD	43
Craigsville PSD	66
Crum PSD	115
Danese PSD	52
Davy, Town of	79
Downs PSD	89
Elizabeth, Town of	102
Fairview, Town of	2
Fairview, Town of	5
Farmington, Town of	36
Flatwoods-Canoe Run PSD	54
Fountain PSD	87
Frankfort PSD	148
Franklin, Town of	10
Gap Mills PSD	166
Gary, City of	19
Gauley River PSD	34
Gauley River PSD	51
Gilbert, Town of	99
Grafton, City of	146
Grant County PSD	181
Grant Town, Town of	22
Greater Harrison Co PSD	105
Greenbrier County PSD #2	50
Hammond PSD	60
Harpers Ferry Water Works	104
Harrisville, Town of	106
Hodgesville PSD	29
Hughes River Water Board	128
Huttonsville PSD	8

Huttonsville PSD	135
Ice's Run Rt 250 PSD	92
Jumping Branch Nimitz PSD	31
Jumping Branch Nimitz PSD	32
Junior, Town of	86
Kanawha Falls PSD	1
Kanawha Falls PSD	61
Kanawha Falls PSD	65
Keyser, City of	136
Kingwood Water Works	26
Kingwood Water Works	147
Lashmeet PSD (WVAWC)	40
Lashmeet PSD (WVAWC)	59
Lavalette PSD	73
Lewis County EDA	163
Lincoln PSD	120
Logan County PSD	134
Logan County PSD	151
Logan County PSD	152
Logan County PSD	153
Logan County PSD	154
Logan County PSD	155
Logan, City of	119
Lumberport, Town of	97
Marlinton, Town of	42
Marshall Co PSD No. 1	116
Marshall Co PSD No. 4	126
Marshall County PSD No.3	127
Mason County PSD	68
McDowell County PSD	9
McDowell County PSD	45
McDowell County PSD	159

McDowell County PSD	160
McDowell County PSD	161
McDowell County PSD	162
McMechen, City of	164
Meadow Bridge, Town of	56
Meadow Creek PSD	38
Mercer County PSD	12
Mercer County PSD	74
Mercer County PSD	158
Midland PSD	53
Milton Municipal Utilities Commission	140
Milton Municipal Utilities Commission	165
Milton, City of	139
Mingo County PSD	98
Mingo County PSD	141
Mingo County PSD	142
Mingo County PSD	143
Mingo County PSD	144
Mingo County PSD	145
Monumental PSD	101
Mountain Top PSD	103
Mountain View Water Assoc.	107
Mt. Zion PSD	88
Nettie-Leivasy PSD	57
New Creek Water Association	24
New Cumberland, City of	95
New Haven PSD	39
New Haven PSD	46
New Haven PSD	47
New Haven PSD	130
New Haven PSD	131
New Haven PSD	132

Northern Jackson County PSD	109
Norton Harding Jimtown PSD	100
Parsons, City of	62
Paw Paw, Town of	14
Paw Paw, Town of	167
Pax, Town of	28
Pennsboro, City of	13
Pennsboro, City of	16
Petersburg, City of	168
Philippi, City of	25
Pineville Municipal Waterworks	3
Preston County PSD No. 4	150
Raleigh County PSD	149
Ravencliff McGraw Saulsville PSD	7
Ravencliff McGraw Saulsville PSD	48
Red Sulphur PSD	138
Richwood, City of	15
Richwood, City of	91
Rivesville, Town of	27
Romney, City of	169
Rowlesburg, Town of	85
Salem, City of	6
Short Line PSD	64
Spencer, City of	129
St. Mary's, City of	170
St. Mary's, City of	171
St. Mary's, City of	172
St. Mary's, City of	173
Summersville, City of	174
Summit Park PSD	84
Sun Valley PSD	110
Terra Alta Municipal Water Dept.	23

Thomas, City of	83
Tomlinson PSD	63
Town of Nutter Fort	67
Town of Oceana	18
Town of Worthington	21
Triadelphia, Town of	49
Union, Town of	37
Union, Town of	175
Valley Falls PSD	125
Valley Grove, Village of	82
Walton PSD	30
Wardensville, Town of	4
Wayne, Town of	137
Welch, City of	176
West Union, Town of	69
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## Emerging Contaminates Projects

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Glen Dale, City of	1
Lubeck PSD	2
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## Lead Projects

<u>Project</u>	<u>Ranking</u>
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Athens, Town of	12
Beckley, City of	16
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Gary, City of	8
Grant County PSD	18
Kingwood Water Works	15
Lubeck PSD	19
Marlinton, Town of	23
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Mount Hope Water Assoc.	11
Oakland PSD	9
Piedmont, City of	6
Pineville Municipal Waterworks	5
Rainelle, Town of	7
Red Sulphur PSD	13
Richwood, City of	4
Summersville, City of	14
Sun Valley PSD	21
Welch, City of	10
Wheeling Water Department, City of	22

**WEST VIRGINIA 23DWTRFA PROJECT PRIORITY LIST (PPL) COMPREHENSIVE LIST-Base and Supplemental Program**

PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL
RANKING	SYSTEM	COUNTY	PROJECT NAME	PROJECT DESCRIPTION	IJDC NUMBER	POPULATION	TOTAL POINTS	DWTRF FUNDING REQUESTED	TOTAL COST	
1	Kanawha Falls PSD	Fayette	Water System Improvements - Phase I	The project includes replacing existing water lines and related 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, etc.	2022W-2115	2,273	100	\$4,553,750	\$8,107,500	
2	Fairview, Town of	Marion	Phase I-Connection to Monumental PSD	This preliminary application is to make improvements to the Town of Fairview's water distribution system and to connect to the Monumental PSD's water system. The project will be split into two (2) phases. This application is for Phase I. Phase I will primarily consist of the installation of approximately 3,500 LF of 6" water line, a PRV Station, a duplex booster station with telemetry and emergency generator, refurbish existing water storage tank, upgrade access roads to existing water storage tanks, upgrade telemetry to existing water storage tanks, demolish old tank at water treatment plant, decommission existing water treatment plant, a new office building, replace existing manual read meters, and connect to the Monumental PSD water system.	2020W-1861	979	100	\$2,179,430	\$3,179,430	
3	Pineville Municipal Waterworks	Wyoming	Brenton/Baileysville Waterline Extensions	The proposed project consists of a new 8-inch line that will extend along WV Route 97 to Baileysville Elementary School from the end of the existing 8-inch line near Wyoming. Also there will be 6-inch lines extending from Route 97 along Lanes Branch Road and Doublecamp Branch Road for approximately 0.53 miles and 0.94 miles, respectively. This alternative will also feature one 150,000-gallon water storage tank.	2020W-1903	2,945	100	\$1,912,371	\$9,498,871	
4	Wardensville, Town of	Hardy	Water System Improvements	This project is to replace the fire hydrants and water meters in the distribution system; replace the Warden Acres water storage tank with a 330,000 gallon tank and the Anderson Ridge water storage tank with a 304,000 gallon tank; drill a new water well at the Town of Wardensville water treatment plant site; add a SCADA system; and upgrade/rehabilitate the existing Town of Wardensville's water treatment plant with major work to consist of upgrade the electrical service, upgrade the chlorine room, upgrade mechanical piping, and add a generator.	2020W-1879	788	90	\$4,597,000	\$6,900,000	
5	Fairview, Town of	Marion	Phase II-Water line Replacements	This project will replace 11,000 ft of old water mains, install 14 new valves and 5 fire hydrants in order to reduce significant water loss.	2022W-2087	979	90	\$1,175,000	\$2,175,000	
6	Salem, City of	Harrison	Phase IV Water System Improvements	The City of Salem is proposing to replace approximately 1.5 miles (8,000 LF) of problematic 8-inch water main, along with short sections of 6-inch connection lines, utility service lines (including lead and galvanized) and 128 water meters. Two short sections of 2-inch water line will also be replaced and a leak detection will be performed on the rest of the distribution system.	2021W-1988	1,617	90	\$1,580,000	\$5,841,500	
7	Ravenclyff McGraw Saulsville PSD	Wyoming	Water Treatment Plant Rehabilitation	is to upgrade the Ravenclyff-McGraws-Saulsville PSD's McGraws water treatment plant. Major work at the water treatment plant will consist of removal and replacement of two (2) high service water pumps & controls; removal and replacement of two (2) transfer pumps & controls; rehabilitate the existing aerators and flocculators; new flow control valves, filter backwash control valves and a finished water flowmeter; new CL2 scales and testing equipment; and upgrades to the electrical system.	2022W-2199	3,186	85	\$0	\$1,210,000	
8	Huttonsville PSD	Randolph	High Service Line Replacement	This project will replace approximately 8,000 LF of 18-inch high service line.	2023W-2312	4,758	80	\$2,400,000	\$2,400,000	
9	McDowell County PSD	McDowell	Elkhorn Ph III	The proposed project will construct a new water treatment plant to serve 320 customers and will allow 3 old treatment plants (Greenbrier, Ashland, and Crumpler) to be retired in the area. Also included in the project will be a 50 GPM booster station, (2) 100,000-gallon water storage tanks, approximately 60,645 linear feet of 8-inch and smaller waterline, 24 fire hydrants, and all other necessary valves and appurtenances.	2021W-1961	693	80	\$856,500	\$7,513,000	
10	Franklin, Town of	Pendleton	Water Distribution System Improvements Phase II	System improvements including water line replacement, river crossing replacement, and installation of a hydro-pneumatic booster pump station.	2022W-2109	1,402	75	\$3,578,000	\$4,760,000	
11	Clarksburg Water Board	Harrison	Main Line Replacement	Project to replace selected water mains throughout the distribution system.	2021W-2054	17,686	75	\$24,120,000	\$24,120,000	
12	Mercer County PSD	Mercer	McComas Water System Improvements	This project will extend the water system to the McComas area and replace the existing failing McComas water system.	2021W-1992	TBD	75	\$712,500	\$2,812,500	
13	Pennsboro, City of	Ritchie	Phase II Water Line Extension	This project will extend public water to approx. 33 customers along Route 74. The project includes water lines, water meters, fire hydrants and all necessary appurtenances.	2022W-2177	1,291	70	\$1,500,000	\$7,000,000	
14	Paw Paw, Town of	Morgan	Water System Improvements	This Preliminary Application is to upgrade the Town of Paw Paw water treatment plant and distribution system. The distribution portion of the project will consist of the installation of approximately 2 miles (10,780 LF) of 2" to 8" water line; and rehabilitate the existing water storage tanks.	2021W-1962	488	70	\$3,395,600	\$4,395,600	
15	Richwood, City of	Nicholas	Surface Water Intake Impound Structure Project	The proposed project will replace the raw water intake impoundment that helps to regulate the water level around the water treatment plant's raw water intake. Included in this project will be building a new surface water intake impound structure, demolition and removal of the existing impound infrastructure, installation of a catwalk with manual gate, construction of a new intake screening structure, approximately 200 LF of 12" mains, 300 LF of 2" air line and site electric with equipment for an air compressor building, and various reclamation of disturbed areas.	2021W-1959	1,095	70	\$1,000,000	\$2,000,000	
16	Pennsboro, City of	Ritchie	Water System Improvements	The proposed project plans to replace the existing 434,000 gallon Industrial Park Tank with a new like sized tank and to rehabilitate the Park Drive and Broadwater Water Storage Tanks. Also included will be the replacement of almost 1.14 miles of mostly 8-inch watermain with a small portion being 2-inch and 6-inch. All necessary valves and appurtenances will be included as well as the demolition and site preparation for the new tank.	2022W-2089	1,291	70	\$490,500	\$2,112,000	
17	Alderson, Town of	Greenbrier	Water System Rehab & Expansion	This preliminary application is for the Town of Alderson to extend water service to the Riverside Rest area and to repair/replace various parts of the water distribution system and water treatment facilities.	2019W-1833	2,458	70	\$5,513,000	\$9,013,000	
18	Town of Oceana	Wyoming	Water System Upgrade Phase II	Phase 2 of a water system upgrade project for the Town of Oceana and the surrounding area. Project includes replacing Lynco water storage tank, water plant upgrades, telemetry upgrades, replacing water meters, booster station upgrades, and upgrading existing water lines along Rt 10, Rt 85, Popular St, and Chestnut St.	2019W-1840	3,797	70	\$2,500,000	\$4,000,000	
19	Gary, City of	McDowell	Water System Improvements	The project includes the engineering services necessary to conduct a feasibility study that will review alternate water sources for the city's water distribution system. Including alternative raw water sources, emergency interconnect to the City of Welch, emergency interconnect to the McDowell County PSD and consolidation with a nearby water utility.	2020W-1909	1,633	65	\$500,000	\$3,390,000	
20	Cairo, Town of	Ritchie	Water System Improvements	This project will make improvements to the Town of Cairo water distribution system. The project will consist of the 190 new water meters, replacement of 20 valves, replace the existing PRV station, clean and refurbish the existing 214,000 gallon storage tank, replace a river crossing; stabilize a river bank, replace 12 fire hydrants, install 12 fire hydrants, replace approximately 2.5 miles (13,400 LF) of 6" and 2" water line, and replace approximately 1.1 miles (6,000 LF) of 3/4" water line.	2021W-1953	406	65	\$1,000,000	\$4,000,000	



PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL
RANKING	SYSTEM	COUNTY	PROJECT NAME	PROJECT DESCRIPTION	IJDC NUMBER	POPULATION	TOTAL POINTS	DWTRF FUNDING REQUESTED	TOTAL COST	
21	Town of Worthington	Marion	Worthington Line Upgrades/Replacement	The project will make upgrades to the Town's distribution system and will include an interconnection between Four States and Monongah. The project also includes a water line extension to the Harter Hill area that will serve five (5) new customers. The project will consist of the installation of approximately 18,900 LF of 6" and 18,000 LF of 2" water line; 10,000 LF of ¾" service line replacement; 28 valves; two (2) PRV Stations; 12 fire hydrants; two (2) solenoid master meters; 13 leak detection meters; 465 radio-read meters; all necessary piping, valves and appurtenances.	2019W-1810	1,099	65	\$2,866,390	\$3,366,390	
22	Grant Town, Town of	Marion	Water System Improvements	This Preliminary Application is to replace water line, booster stations and water storage tank in the Town of Grant Town. The project will consist of the installation of approximately 2.9 miles (15,125 LF) of 8" through 2" waterline; replace two (2) booster stations; and replace the existing 100,000-gallon tank with a new 200,000-gallon tank; and necessary valves and appurtenances.	2021W-2000	1,240	65	\$2,825,000	\$3,825,000	
23	Terra Alta Municipal Water Dept.	Preston	Water System Extensions and Improvements	This preliminary application is to extend water service to 25 new customers and to upgrade/replace the water system in the Town of Terra Alta. The water distribution section of the project will consist of the installation of approximately 1.5 miles (8,100 LF) of 2" and 6.2 miles (32,800 LF) of 8" water line; replace the 200,000 gallon Goodwill water storage tank; replace the Corinth water storage tank altitude valve; replace all meters with radio read meters; purchase a compact excavator, equipment trailer and a service dump truck; and all necessary valves, controls and appurtenances. The water treatment portion of the project will consist of a new high service pump; VFD's for the high service pumps; two (2) new filter backwash pumps; a spare rapid agitator; three (3) flocculator agitators; a settled water transfer pump; a raw water meter; multiply control valves; new chemical feed equipment; gravity filter upgrades with controls; refurbishment of existing filters; new chlorine building; improvement to the existing filter building, garage and pre-treatment building and all necessary piping, valves, controls and appurtenances.	2019W-1787	1,856	65	\$1,640,000	\$3,440,000	
24	New Creek Water Association	Mineral	Water System Improvements	This project proposes to make several upgrades around the water system including waterline replacements, waterline extensions, tank replacement, Booster Pump Station Upgrades and various other system upgrades.	2018W-1748	3,043	65	\$5,673,000	\$5,673,000	
25	Philippi, City of	Barbour	Little Laurel Run Water Supply Dam	Construct reservoir for secondary/emergency water source in order to supplement the Tygart River in low flow conditions or in the event of a spill/contamination.	2019W-1855	3,500	60	\$500,000	\$14,730,000	
26	Kingwood Water Works	Preston	Kingwood Water Works Water Advancement Project	This project consists of high-priority improvements across the entire Kingwood Water Works system including source water, treatment, distribution, storage and operations.	2022W-2078	6,656	60	\$16,532,152	\$29,946,000	
27	Rivessville, Town of	Marion	Fairmont to Rivessville Water Supply Line Project	The proposed project includes replacing the deteriorated 8" main supply line with a 12" line that will connect to the City of Fairmont's 16" main. This project will consist of constructing 10,500 feet (2 mi) of 12" water line and 300 feet of 8" water line within a stream crossing, 350 feet of steel casing and 6 gate valves. The City of Fairmont provides water to the Town of Rivessville. The intent is to ultimately transfer ownership of a portion of the line to the City of Fairmont.	2017W-1677	1,443	60	\$500,000	\$3,206,307	
28	Pax, Town of	Fayette	Water System Upgrades	This project proposes replacing sections of water main between the Beckley Water Company connection point and the Pax water tank. The proposed project will consist of approximately 1.9 miles (10,000 LF) of 6" PVC, 400 LF of 6" DIP, 600 LF of 8" HDPE, 400 LF of 2" PVC, five stream crossings, five Department of Highway road crossings, and related appurtenances. This will renew the useful life of this critical section of waterline and will continue to distribute treated water for the Town of Pax customers.	2021W-1985	762	60	\$1,780,000	\$1,780,000	
29	Hodgesville PSD	Upshur	Water System Improvements & Extension	This project will replace approximately 175 service lines in the existing system. It will also include an extension on the Upper Peck's Run Road to serve an additional five customers. The project includes the installation of two 100,000 gallon water tanks as well as a booster pump station. The project also includes the installation of approximately 1200 radio read meters.	2020W-1877	2,887	60	\$1,850,000	\$7,230,000	
30	Walton PSD	Roane	Camp Shepard-Quarry Road Water Line Extensions	This project will upgrade the line size to the Camp Shepard 4-H camp to provide fire protection and then extend the line out to serve approximately 26 new customers along Wolf Run and Quarry Road. Included will be approximately 3.7 miles of water line, (2) fire hydrants, a booster station, (1) 50,000 gallon water storage tank, and all necessary valves and appurtenances. They also plan to repaint the 100,000 gallon Walton water storage tank and refurbish the Gandeeville, Ambler Ridge, and Long Ridge water storage tanks.	2015W-1564	1,986	55	\$959,710	\$3,459,710	
31	Jumping Branch Nimitz PSD	Summers	Broomstraw Rd./Mark Meador Rd. Extension	This project will provide water service to the Broomstraw Rd. and Mark Meador Rd. areas of western Summers County. Residents experience low water quality and poor quality water issues in existing private wells. In addition, many residents haul water, use cisterns, and some report fecal contaminants in wells.	2019W-1815	1,414	53	\$103,575	\$7,445,000	
32	Jumping Branch Nimitz PSD	Summers	Madams Creek Waterline Ext.	To provide water service to the Madams Creek Rd. area of western Summers Co. Residents experience low water quality and poor quality water issues in existing private wells. In addition, many residents haul water, use cisterns, and some report fecal contaminants in wells.	2019W-1816	1,414	53	\$500,000	\$5,064,000	
33	Cowen PSD	Webster	Rt. 82 Water Line Extension Project	This project consists of extending public water service and providing fire service to approximately 55 proposed customers along Rt. 82 in Webster County.	2014W-1525	2,796	53	\$3,000,000	\$4,500,000	
34	Gauley River PSD	Nicholas	Route 39 Waterline Upgrade Project	The proposed project will be constructed in one (1) phase with a total of one (1) contract. It will consist of main waterline replacement, select service line replacements, the installation of new fire hydrants, improvements to an existing booster station, replacement of valves, replacement of residential water meters, and other necessary appurtenances.	2022W-2114	3,945	50	\$2,490,500	\$5,350,000	
35	Cool Ridge PSD	Raleigh	Ellison Ridge Extension	Project is to provide water service to a total of thirty-four (34) new customers along Ellison Ridge Road and Joe Cooper Farm Road in At-Risk Raleigh County, distressed Summers County and At-Risk Mercer County. Construction consists of approximately 35,100 linear feet of 8-inch C-900 DR-14 PVC waterline, 120 linear feet of 12-inch steel casing (bore & jack), 530 linear feet of 1-inch SDR 9 service tubing, gate valves, etc.	2022W-2289	4,190	50	\$1,185,000	\$5,160,000	
36	Farmington, Town of	Marion	Water System Improvement Project	Installation of new water line to replace existing, new 100,000 gallon water storage tank and other appurtenances.	2020W-1911	699	50	\$1,500,000	\$3,200,000	
37	Union, Town of	Monroe	Pickaway WTP Flood Mitigation	This project will move the Town of Union's Water Treatment Plant from an area of severe flooding caused by a cave to a nearby site that is safe from this flooding.	2022W-2191	758	50	\$0	\$7,975,000	
38	Meadow Creek PSD	Summers	Brooks to Sandstone Water Line Extension	This project is to extend water service to 128 new customers from Brooks to Sandstone area with water to be provided by Oakvale Road PSD. The project will consist of the installation of approximately 57,279 LF of 8" and one (1) new 130,000-gallon water storage tank.	2022W-2175	128	50	\$2,649,272	\$12,855,000	
39	New Haven PSD	Fayette	Lucas Road Extension	This project will extend public water service to approx. 33 customers along Lucas Rd. in northern Fayette county. The project will install 17,000 lf of 8" line and 11,000 lf of 6" line, 28 fire hydrants and all valves, meters, blowoffs and other appurtenances necessary.	2022W-2071	4,409	50	\$2,297,047	\$3,515,280	
40	Lashmeet PSD (WVAWC)	Mercer	Brickyard Road Waterline Extension	This project will construct a water line extension into the Mercer Co. areas of Brickyard Rd. and a portion of Old Gardner Rd. in order to provide public water service and fire protection to the residents in these areas. This extension will allow for a future water line extension into the Rock Branch area.	2022W-2111	3,794	50	\$734,151	\$6,978,000	

PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL
RANKING	SYSTEM	COUNTY	PROJECT NAME	PROJECT DESCRIPTION	IJDC NUMBER	POPULATION	TOTAL POINTS	DWTRF FUNDING REQUESTED	TOTAL COST	
41	Anmoore, Town of	Harrison	Water System Improvements	This Preliminary Application is to replace existing water line in the Town of Anmoore with approximately 5.2 miles (27,380 LF) of 8" thru 2" water line, approximately 1.5 miles of service line (8,080 LF) and approximately 456 new radio read meters.	2021W-1970	951	50	\$2,300,000	\$3,300,000	
42	Marlinton, Town of	Pocahontas	Phase II Water System Improvements	This project is Phase 2 for Marlinton's water distribution system improvements. The project will replace approximately 1.9 miles of existing 4-inch water mains with 6-inch water line and replace approximately 1.9 miles of existing 1.25-inch water line with 2-inch water line. Also included will be installation of 41 valves, 20 fire hydrants, 10 leak detector meters, replace 300 meters/wells/setters, and all other necessary valves and appurtenances.	2022W-2077	1,362	50	\$3,500,000	\$4,500,000	
43	Cowen PSD	Webster	Phase II Water System Improvements	Project will remove and replace approx. 17,050 lf of water lines ranging in size from 2" to 10" and rehabilitate the existing WTP and upgrade the capacity from 600 GPM to 1,200 GPM	2022W-2120	3,372	50	\$2,580,000	\$11,580,000	
44	Williamson, City of	Mingo	Water System Upgrade Project	This project will upgrade the water treatment, storage and distribution system. Upgrades will consist of the installation of (3) 2,500 GPM treatment high service pumps, approx. 2.86 miles of 24-inch and smaller diameter mains, a 500 GPM booster pump station, four new water storage tanks, rehab of existing tank, numerous pressure reducing stations, back up generators for TP and booster pump stations, telemetry, hydrants, valves, meters	2015W-1587	4,183	50	\$12,578,000	\$12,578,000	
45	McDowell County PSD	McDowell	Bradshaw	This project proposes that the Bradshaw water system will be connected to the McDowell County PSD Bartley water distribution system that runs through town, and the water will be supplied by the MCPSD Bartley WTP. In addition it will involve the decommissioning of the Bradshaw Water Treatment Plant and the Bradshaw water tank. This project will result in the consolidation of Bradshaw Water Works and McDowell Co. PSD - Bartley	2021W-1939	1,854	50	\$100,000	\$2,000,000	
46	New Haven PSD	Fayette	Contract 18 - Sunday Rd./Confluence/Elliott Cutoff area.	Water line extension to Sunday Rd./Confluence/Elliott Cutoff area, including possible Stringtown connector & Clifty connector. Approximately 67 new customers.	2018W-1761	4,409	48	\$4,331,763	\$4,620,265	
47	New Haven PSD	Fayette	Contract 19 - Ramsey Extension	Water line extension to Cane Branch, Ramsey, Hawver Rd., South Miller Ridge, Arrowwood Rd., Dotson Ridge & Lower Dotson Ridge, Whispering Pines. Approximately 73 new customers.	2018W-1760	4,438	48	\$5,176,839	\$7,048,013	
48	Ravencliff McGraw Saulsville PSD	Wyoming	Route 97 Waterline Extension	To provide reliable water service and fire protection to new customers along WV Route 97 between McGraws and Pineville, WV.	2022W-2205	3,186	45	\$0	\$3,612,000	
49	Triadelphia, Town of	Ohio	Water System Improvements	This project will include select waterline replacement, new fire hydrants and valves, and new read meter system.	2022W-2157	1,215	45	\$3,910,000	\$4,410,000	
50	Greenbrier County PSD #2	Greenbrier	Ph II- Sam Black Water Line Extension	This project extends water service to approximately 475 new customers from Charmco to Rainelle and from Sam Black Church to Ashby in Greenbrier County. The project includes approximately 17 miles of 2-inch to 8-inch distribution line, two (2) booster stations, one (1) 100,000-gallon water storage tank, one (1) 300,000 gallon water storage tank, 50 gate valves, 40 fire hydrants, 30 flushing hydrants and other appurtenances.	2020W-1898	2,326	45	\$3,754,500	\$10,555,000	
51	Gauley River PSD	Nicholas	Emergency Route 39 Water Extension	In a preliminary review of the water distribution system, it is evident many of the components of the system require immediate repair or replacement. The waterline along Route 39 is undersized in areas and is nearing the end its useful service life and regularly experiences leaks, line breaks, and customer service interruptions. This line is directly responsible to serving Mount Olive Correctional Complex (MOCC) if water is flowed from the City of Summersville. In this project the district desires to have the ability to serve MOCC from both the Kanawha Falls PSD as is current and the City of Summersville.	2022W-2179	3,944	43	\$922,500	\$1,845,000	
52	Danese PSD	Fayette	Maplewood Water System Improvement Project	Replacement of the majority of the water line system in the Maplewood area. This will involve installation of 84,900 LF of 10 in or smaller water lines, 30 fire hydrants and other related appurtenances.	2022W-2225	2,210	43	\$6,275,000	\$7,800,000	
53	Midland PSD	Randolph	Faulkner Road Extension Project	Water line extension to serve approximately 60 new residential customers.	2022W-2152	3,700	43	\$545,500	\$3,695,000	
54	Flatwoods - Canoe Run PSD	Braxton	Bonnie Road and Exchange Road Waterline Extension	Project will extend water to approximately 45 new customers in the areas of Scott Fork and Exchange Road in Braxton County.	2023W-2383	1,62	4,344	\$2,717,000	\$2,717,000	
55	Belington, City of	Barbour	Water System Improvement Project	The project proposes improvements to both the water treatment plant and water distribution system.	2022W-2273	2,146	40	\$1,800,000	\$2,800,000	
56	Meadow Bridge, Town of	Fayette	Water System Improvements and Rehabilitation Project	To upgrade aging sections of line to provide reliable fire protection and set-up the Town for future extensions.	2018W-1743	551	40	\$500,000	\$2,250,000	
57	Nettie-Leivassy PSD	Nicholas	Ward Road and McCutchn Lane Waterline Replacement	Replace approximately 32,000 linear feet of waterline.	2022W-2113	3,343	40	\$1,879,380	\$6,400,000	
58	Boone County PSD	Boone	Rock Creek Water Line Ext. Phase I	This project will extend water service to the Rock Creek Development Park site and surrounding areas. The project will consist of the installation of approximately 14,500 LF of 8" water line, one (1) booster station and a 250,000-gallon water storage tank with mixing and telemetry.	2020W-1868	20,000	40	\$600,000	\$3,400,000	
59	Lashmeet PSD (WVAWC)	Mercer	Mary Branch Water Extension	Extension of public water to the Mary Branch area of Mercer County, West Virginia. 4 miles. Approximately 42 new customers.	2018W-1728	3,794	40	\$971,453	\$2,146,050	
60	Hammond PSD	Brooke	Water System Improvements	This project includes system improvements to the distribution systems and the water treatment plant. This includes water main replacement, replacing exiting meters with new AMR meters, replacing shut off valves, pump station improvements and upgrades to existing water storage tanks. Water treatment plant improvements include replacing the sedimentation basin, filter media replacement, automatic valve installation, installation of a permanent generator and pump replacement.	2021W-1955	2,196	40	\$5,674,000	\$6,174,000	
61	Kanawha Falls PSD	Fayette	Water System Improvements	This project will upgrade the existing water treatment plant from approximately 933 gpm to 1,300 gpm.	2021W-2038	2,410	40	\$9,860,500	\$9,860,500	
62	Parsons, City of	Tucker	Water System Improvements	This project proposes to replace the remaining deteriorating waterlines in the City's system, including necessary appurtenances, and provide the City with leak detection and monitoring capabilities.	2023W-2308	1,461	35	\$3,484,000	\$3,984,000	
63	Tomlinson PSD	Hancock	Acquisition of Newell Water System	The proposed project will replace the majority of the existing water lines, valves and hydrants in the community of Newell and construct a new 800-gpm ground water treatment plant.	2021W-1982	2,012	35	\$5,510,488	\$14,060,488	
64	Short Line PSD	Harrison	Water System Improvements	This project proposes to replace approximately 50,000 LF of water line ranging in size for 4" to 8" in the existing system. These sections of line have been prone to breaks and is causing severe operation and maintenance issues for the District. The District is also proposing to replace sections of valves, hydrants and upgrading their outdated meters to new radio read meters. The District is proposing to replace their existing booster pump station that has severely deteriorated and is at risk of catastrophic failure.	2022W-2164	2,681	35	\$4,500,000	\$5,050,000	
65	Kanawha Falls PSD	Fayette	Scrabble Creek Water Improvements Project	The project proposes to make improvements to water infrastructure in the Scrabble Creek area. This will address problems that were a by-product of the storms from 2022 that affected the area.	2023W-2321	2,273	35	\$1,895,000	\$1,895,000	
66	Craigsville PSD	Nicholas	Water Treatment Plant and Distribution System Upgrades	This project will upgrade the existing water treatment plant to 900 gpm and installing a dedicated waterline from the water treatment plant to existing elevated water storage tanks. The project will consist of a new raw water intake screen and hydroburst system, raw water pump station, flocculator, sedimentation basin, filter equipment, backwash solids pump station, chemical feed system, painting four (4) existing water tanks, approximately 4 miles of 10" water line, and all necessary appurtenances.	2015W-1590	1,813	35	\$3,174,000	\$11,100,000	

PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL
RANKING	SYSTEM	COUNTY	PROJECT NAME	PROJECT DESCRIPTION	IJDC NUMBER	POPULATION	TOTAL POINTS	DWTRF FUNDING REQUESTED	TOTAL COST	
67	Town of Nutter Fort	Harrison	Water System Improvements	This project will replace water line and add a new water storage tank in the Town of Nutter Fort. The project will consist of the installation of approximately 1.3 miles (7,110 LF) of 6" and 1.5 miles (7,850 LF) of 12" waterline and one (1) 270,000-gallon water storage tank with telemetry and all necessary valves and appurtenances.	2021W-1973	1,832	33	\$2,000,000	\$4,300,000	
68	Mason County PSD	Mason	Crab Creek WTP Improvements	Improvements to the Crab Creek WTP including replacement of (4) pressure filters and the addition of a chemical building.	2022W-2235	1,050	30	\$3,878,000	\$3,878,000	
69	West Union, Town of	Doddridge	Water System Improvements	The proposed project will include improvements to the distribution system and a construction of a new 500 GPM water treatment plant. Improvements include 11,000 ft of new water line, two new water storage tanks, new telemetry and replacement of 16,200 ft of water line.	2021W-2046	1,895	30	\$20,995,000	\$22,995,000	
70	Berkeley County PSD	Berkeley	River WTP Expansion	This project will expand capacity at the WTP from 6 MGD to 10 MGD. The plant is quickly approaching the capacity of the current WTP.	2022W-2218	27,335	25	\$10,400,000	\$32,372,000	
71	City of Weirton	Hancock	Water Treatment Plant Refurbish & Expand	This project will upgrade and increase the Weirton Water Board's 4.0 MGD Water Treatment Plant to an 8.0 MGD plant. Major new construction will consist of a pre-sedimentation basin with sludge removal equipment, a flocculation tank with plate settlers, a sludge thickener, a backwash filter tank, an emergency generator and the expansion of the existing filter building and clear well. The existing Ramsey Well will also be reconstructed.	2019W-1795	24,000	25	\$2,000,000	\$22,470,000	
72	Berkeley County PSD	Berkeley	Bunker Hill WTP	This project will construct a new WTP with an increased capacity. The District is experiencing significant growth and many of the facilities are undersized, antiquated and unable to support the continued growth in the area.	2022W-2252	34,586	20	\$31,156,405	\$65,000,000	
73	Lavalette PSD	Wayne	Big Lynn Creek Water Extension	Waterline Extension to serve 128 customers along sections of Big Lynn Creek Road (CR 52/35), Left Fork of Big Lynn Creek Road (CR 3/01) and Drift Creek Road	TBD	7,293	TBD	\$6,000,000	\$6,000,000	
74	Mercer County PSD	Mercer	Route 19 Water Extension Project	This project proposes to extend water along Route 19 and provide water service to approximately 68 residential customers and the Camp Creek State Park.	TBD	68	TBD	\$6,587,500	\$6,587,500	
75	White Sulphur Springs, City of	Greenbrier	Villa Park Waterline Replacement Project	Replace waterline and all appurtenances to the Villa Park area to approximately 225 existing customers. The area is currently served with asbestos cement pipe and known lead service lines.	TBD	3,845	TBD	\$5,000,000	\$5,000,000	
76	Athens, Town of	Mercer	Water System Improvements	Various improvements to the existing system including renovations of the existing plant, a new tank, meter replacement, a new PRV, painting of the existing tank, and line replacement.	TBD	4,802	TBD	\$9,937,350	\$9,937,350	
77	Central Hampshire PSD	Hampshire	Slanesville Water Extension Project	Install about 45,000 LF of 6" waterline, replace some 4" waterline, and add a 54,000 gallon water tank to extend service to Slanesville Elementary School and 20 new customers.	TBD	2,123	TBD	\$1,680,500	\$3,431,000	
78	Cool Ridge PSD	Raleigh	Leak Detection Project	Perform a leak detection audit of the system.	TBD	4,190	TBD	\$100,000	\$100,000	
79	Davy, Town of	McDowell	Water System Improvements Phase 2	Rehabilitate (replacing as necessary) transmission lines, replacement components of distribution system such as valves, fire hydrants, etc., relocate booster station, clean storage tanks, miscellaneous improvements.	TBD	332	TBD	\$2,000,000	\$5,000,000	
80	Bellwood Community Facilities	Fayette	Main Line Replacement	Project will replace 40 yr. old 2" galvanized supply line from pump house to tank reservoir, approx. 600 ft.	TBD	113	TBD	\$5,000	\$5,000	
81	Arthurdale Water Association	Preston	Water System Upgrades	Project consists of water treatment plant and distribution system upgrades.	TBD	285	TBD	\$200,000	\$200,000	
82	Valley Grove, Village of	Ohio	Water System Improvements	This project includes replacement of approx. 35,000 lf of water lines, construction of 2 new 100,000 gallon storage tanks, 250 new water meters, and water tank access road improvements.	TBD	686	TBD	\$6,500,000	\$7,500,000	
83	Thomas, City of	Tucker	Water System Improvements	Project includes replacement of 35,000 lf of existing water lines, rehabilitation of 3 water storage tanks, replacement of 1 booster pump station, a new 350 gpm water treatment plant, replacement of 360 water meters, and 3,000 lf of new 8" water line.	TBD	753	TBD	\$14,300,000	\$15,300,000	
84	Summit Park PSD	Harrison	Water System Improvements	The proposed project consists of approximately 33,500 LF of main line replacement, approximately 360 customer reconnections, and a secondary connection to the Clarksburg Water Board System.	TBD	835	TBD	\$7,200,000	\$7,200,000	
85	Rowlesburg, Town of	Preston	Water System Improvements	The project proposes to repair electrical issues and perform upgrades at the water treatment plant. The project also proposes to purchase and install new water meters within the system, purchase leak detection equipment, and upgrade aging water lines.	TBD	892	TBD	\$1,500,000	\$2,000,000	
86	Junior, Town of	Barbour	Water Tank Replacement Project	This project will replace a water storage tank that was constructed in 1970 and is in poor condition.	TBD	987	TBD	TBD	TBD	
87	Fountain PSD	Mineral	Parrill Hollow Water System Project	Extend water distribution system by adding approximately 12,000 LF of new 6" waterline in the area of Parrill Hollow Road in the Burlington area.	TBD	1,001	TBD	\$625,300	\$2,272,900	
88	Mr. Zion PSD	Calhoun	Water System Improvements	Project includes water distribution and storage system improvements.	TBD	1,009	TBD	\$1,500,000	\$2,500,000	
89	Downs PSD	Marion	Waterline Extensions & System Upgrades	Project includes water line extensions along East Run and Plum Run Road, construction of a water storage tank and an interconnection with Monumental PSD to allow a secondary source to both utilities.	TBD	1,024	TBD	\$2,400,000	\$2,400,000	
90	Belmont, City of	Pleasants	Water System Improvements	Project consists of distribution and storage system upgrades.	TBD	1,048	TBD	\$1,000,000	\$3,500,000	
91	Richwood, City of	Nicholas	Water Tank Renovation and Meter Replacement	This project includes the engineering services necessary to renovate 4 finished water storage tanks, demolish 1 water storage tank, add a booster station, replace existing obsolete water meters, and construct a presedimentation basin.	TBD	1,095	TBD	\$5,000,000	\$5,000,000	
92	Iee's Run Rt 250 PSD	Marion	Water System Improvements PH II	This project includes replacement of 9,200 lf of existing water line, improvements to Goose Run booster pump station, new booster station, new water meters, water tank access road improvements, new control valve station and telemetry system upgrades.	TBD	1,130	TBD	\$2,400,000	\$2,400,000	
93	Burnsville Public Utility Board	Braxton	Route 4 Water Line Extension	This project would extend public water service to approx. 100 customers from Curry Ridge along Route 4 to the Lewis County line.	TBD	1,140	TBD	\$6,700,000	\$6,700,000	
94	Burnsville Public Utility Board	Braxton	Water System Rehab Project	Proposed water line extension and relocation project to provide water service to customers along Curry Ridge Rd. and remove the existing water line from the Corp of Engineers Burnsville Lake.	TBD	1,140	TBD	\$1,200,000	\$6,000,000	
95	New Cumberland, City of	Hancock	New Well	This project includes development of a new well, repairing an existing well and replacement of approx. 30 valves.	TBD	1,326	TBD	\$150,000	\$150,000	
96	Big Bend PSD	Summers	Water System Improvements	Project consists of water line replacements under the Greenbrier River, installation of a generator and transfer switch at the Hillsdale booster station and WTP improvements.	TBD	1,338	TBD	\$2,781,000	\$2,781,000	
97	Lumberport, Town of	Harrison	Water System Improvements Ph II	This project proposes to connect the water system to a neighboring water system in order to decommission the Town's existing Water Treatment Plant.	TBD	1,519	TBD	\$2,000,000	\$4,000,000	
98	Mingo County PSD	Mingo	Upper Gilbert Creek Water Project	The project would supply up to an estimated 400 to 500 residences with potable water and fire protection to the Upper Gilbert Creek and Isaban areas of Mingo County.	TBD	1,687	TBD	\$10,000,000	\$10,000,000	
99	Gilbert, Town of	Mingo	Gilbert WTP Upgrade	WTP upgrade project to increase capacity from 200 gpm to 800 gpm and replace multiple worn components. Project also includes a new 600,000 gallon storage tank.	TBD	1,687	TBD	\$6,000,000	\$7,500,000	
100	Norton Harding Jintown PSD	Randolph	WTP and Water System Improvements	This project proposes the replacement/rehabilitation of critical water treatment plant and water distribution system components within the Norton Harding Jintown PSD service area. Water treatment plant improvements consist of replacing the existing, aging 400GPM water treatment plant with a 500GPM water treatment plant. Water distribution system improvements consist of aging, existing tanks, booster stations and water line rehabilitations.	TBD	1,707	TBD	\$2,500,000	\$10,000,000	
101	Monumental PSD	Marion	Water System Improvements PH II	This project is Phase II of replacing old and undersized water lines with new larger waterlines and appurtenances to improve distribution system hydraulics, provide fire flow, and improve reliability.	TBD	1,924	TBD	\$5,100,000	\$5,100,000	

PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL
RANKING	SYSTEM	COUNTY	PROJECT NAME	PROJECT DESCRIPTION	IJDC NUMBER	POPULATION	TOTAL POINTS	DWTRF FUNDING REQUESTED	TOTAL COST	
102	Elizabeth, Town of	Wirt	Rt. 14 Water Line Improvements Ph II	This project will consist of water line replacement along Rt. 14.	TBD	2,072	TBD	\$1,000,000	\$2,000,000	
103	Mountain Top PSD	Grant	Water Meter System Upgrades	This project will purchase and install a complete radio read meter system throughout the district to increase system efficiency and accountability.	TBD	2,072	TBD	\$600,000	\$600,000	
104	Harpers Ferry Water Works	Jefferson	Water System Improvements	This project will upgrade the water distribution system in the Harpers Ferry Water Works service area using PSC approved plans not implemented in 2021 due to cost overruns.	TBD	2,122	TBD	TBD	\$9,635,200	
105	Greater Harrison Co PSD	Harrison	Water System Improvements PH II	This project will upgrade multiple sections of the entire water systems including replacement in McWorter, pricing lines in Quiet Dell and Brushy Fork. The project also will extend public water service to residents on Hastings Run Rd. and Duck Creek Rd. Replacement of two existing water storage tanks is also included in the project scope.	TBD	2,159	TBD	\$4,000,000	\$7,185,000	
106	Harrisville, Town of	Ritchie	Mellin Ridge Water Line Extension	This project will extend public water service west from the Washburn Pump Station along Gillespie Run Road and Mellin Ridge Road. The proposed extension will provide potable water service to approximately 60 new customers. The extension will consist of the installation of approximately 52,300 linear feet (LF) of new water pipe ranging in size from six (6) inches to two (2) inches in diameter. The existing Washburn pump station will also be upgraded with new pumps, a SCADA system, and other equipment to support the increased water distribution demand due to this project.	TBD	2,246	TBD	\$2,200,000	\$3,200,000	
107	Mountain View Water Assoc.	Taylor	Water System Improvements	Project includes 16,000lf of water line extension, 55,100lf of failing water line replacement, a new booster pump station, and repair of an existing PRV.	TBD	2,263	TBD	\$6,700,000	\$6,700,000	
108	Century Volga PSD	Barbour	Water System Improvements	Project includes the replacement of a water tank, two PRV stations, line replacement, line extension, and replace water meters.	TBD	2,492	TBD	\$3,500,000	\$4,000,000	
109	Northern Jackson County PSD	Jackson	Sarvis Fork Extension	This project will provide public water service and fire protection to approx. 15 homes in the Sarvis Fork area. Project includes approx. 18,880 lf of 6 through 2 inch water line.	TBD	2,506	TBD	\$1,575,000	\$1,575,000	
110	Sun Valley PSD	Harrison	Cherry Camp Extension to Rt 23	This project proposes to extend public water service along State Routes 50/5, 50/4 and 50/43 to provide a water source to Doddridge county PSD. Sun Valley PSD will pick up approx. 65 new customers on the extension and would allow Doddridge county PSD to serve additional residents along Route 23.	TBD	2,657	TBD	\$4,000,000	\$8,500,000	
111	Branchland-Midkiff PSD	Lincoln	14 Mile Creek Rd. Water Extension Project	Project will extend water service to 26 customers in the 14 Mile Creek Rd. area of Lincoln County. Project includes water lines, booster station and tank. Project would also establish an interconnection with the Logan County PSD.	TBD	3,278	TBD	\$2,000,000	\$2,500,000	
112	Branchland-Midkiff PSD	Lincoln	Six Mile Creek Water Extension Project	Project will extend water service to 47 customers in the Six Mile Creek Rd. area of Lincoln County. Project includes water lines, booster station and tank.	TBD	3,278	TBD	\$2,000,000	\$3,000,000	
113	Branchland-Midkiff PSD	Lincoln	Two Mile Creek Water Extension Project	Project will extend water service to 61 customers in the Two Mile Creek Rd. and Little Lural Creek areas of Lincoln County. Project includes water lines, booster station and tank.	TBD	3,278	TBD	\$2,800,000	\$3,800,000	
114	Branchland-Midkiff PSD	Lincoln	Trace Fork and Hamlin Water Extension Project	Project will extend water service to 61 customers in the Trace Fork and the area between W. Hamlin and 4 Mile Creek. Project includes water lines and a booster station. Project will also eliminate a failing river crossing.	TBD	3,278	TBD	\$2,400,000	\$3,400,000	
115	Crum PSD	Wayne	Crum WTP Project	This project will construct a new WTP to serve Crum PSD's 1,345 customers and possibly provide water to the Town of Kermit (524 customers) and the Town of Fort Gay (625 customers). This is a possible consolidation project.	TBD	3,437	TBD	\$8,730,000	\$8,730,000	
116	Marshall Co PSD No. 1	Marshall	Water System Upgrade Project Ph I	This project will replace water lines, upgrade a booster station, and replace all water meters in the district. This project will upgrade water service to 45 customers from Fort Clark Dr. to Oakwood Dr. in Marshall County.	TBD	3,463	TBD	\$4,000,000	\$5,050,000	
117	Buffalo Creek PSD	Logan	Larado WTP Upgrade Project	Plant upgrade project to replace worn components, construct backwash basin, sludge handling, and convert backwash tank to clearwell.	TBD	3,464	TBD	\$3,000,000	\$3,000,000	
118	Buffalo Creek PSD	Logan	South Man Water Upgrade Project	Project will replace distribution system in South Man, increase size of the connect between the PSD and former Town of Man and replace deteriorated water lines in two other locations.	TBD	3,464	TBD	\$3,000,000	\$4,200,000	
119	Logan, City of	Logan	WTP Improvements	This project consists of miscellaneous improvements to the existing City of Logan WTP.	TBD	3,788	TBD	\$5,000,000	\$6,100,000	
120	Lincoln PSD	Lincoln	Water System Upgrades	This project consists of removing and replacing approx. 35,000 lf of various sized existing lead jointed and transit water line throughout the water distribution system, performing upgrades to the raw water intake and rehabilitation of two existing water storage tanks.	TBD	3,814	TBD	\$4,500,000	\$6,000,000	
121	White Sulphur Springs, City of	Greenbrier	Mapledale Water Storage Tank	Project consists of upgrades to the existing booster station and construction of a new water storage tank and water line to improve water quality in the Town's distribution system.	TBD	3,845	TBD	\$1,195,000	\$1,195,000	
122	White Sulphur Springs, City of	Greenbrier	Waterline Replacement Project	Project will replace old and deteriorated water lines in the cities water distribution system to alleviate leaks and water loss.	TBD	3,845	TBD	\$3,000,000	\$3,000,000	
123	White Sulphur Springs, City of	Greenbrier	Water System Interconnection Project	Project will construct water lines, pump station and storage tank to allow for an emergency interconnection between White Sulphur Springs and Lewisburg.	TBD	3,845	TBD	\$3,000,000	\$3,000,000	
124	White Sulphur Springs, City of	Greenbrier	WTP Improvements	Project consisting of upgrades to the existing water treatment plant to increase capacity and reduce run time.	TBD	3,845	TBD	\$3,000,000	\$3,000,000	
125	Valley Falls PSD	Marion	Water System Replacements	This project includes replacement of approx. 91,000 lf of failing water line throughout the Valley Falls PSD's system.	TBD	3,991	TBD	\$8,600,000	\$8,600,000	
126	Marshall Co PSD No. 4	Marshall	Water System Improvements and Extensions Project	Remove and Replace Existing Waterline, remove and Replace Existing Bowman Ridge Tank, Remove and Replace Booster Stations, Install SCADA Technology, and upgrades to other system appurtenances.	TBD	4,063	TBD	\$3,200,000	\$3,200,000	
127	Marshall County PSD No.3	Marshall	Water System Improvements	This project includes removal and replacement of water lines in various areas of the system, rehabilitation of water storage tanks, water meter replacement, and installation of a new fixed point meter reading system.	TBD	4,063	TBD	\$2,000,000	\$2,500,000	
128	Hughes River Water Board	Ritchie	WTP Upgrades	This project will replace the sand filter media, filter air piping, raw water pumps and electrical check valves. The project will also rehabilitate the intake wet well, install SCADA and add VFDs for the high service pumps.	TBD	4,278	TBD	\$1,100,000	\$2,200,000	
129	Spencer, City of	Roane	Water System Improvements	Project includes installation of approx. 1,800 lf of 8" water line, repainting two storage tanks, and modifications to the raw water pumping stations.	TBD	4,393	TBD	\$1,000,000	\$1,970,000	
130	New Haven PSD	Fayette	Old Gwinn Rd. Extension	This project will extend public water service to approx. 16 customers along Old Gwinn Rd. in northern Fayette county. The project will install 12,000 lf of 6" line, 8 fire hydrants and all valves, meters, blowoffs and other appurtenances necessary.	TBD	4,409	TBD	\$1,500,000	\$3,283,000	
131	New Haven PSD	Fayette	Whispering Pines Extension	This project will extend public water service to approx. 6 customers along Whispering Pines Lane in northern Fayette county. The project will install 5,700 lf of 6" line, 5 fire hydrants and all valves, meters, blowoffs and other appurtenances necessary.	TBD	4,409	TBD	\$500,000	\$750,000	
132	New Haven PSD	Fayette	White Road Extension	This project will extend public water service to approx. 62 customers along White Rd. in northern Fayette county. The project will install 22,000 lf of 8" line, 22,000 lf of 6" line, 22 fire hydrants and all valves, meters, blowoffs and other appurtenances necessary.	TBD	4,409	TBD	\$3,500,000	\$4,952,000	
133	Wilderness PSD	Nicholas	Water System Improvements Phase II	Project includes water line replacements, cleaning and painting of water storage tanks, booster station upgrades, telemetry replacement and WTP improvements.	TBD	4,475	TBD	\$4,369,000	\$4,369,000	
134	Logan County PSD	Logan	Greenville WTP Upgrade Project	This project will upgrade the WTP to increase capacity from 700 gpm to 1,400 gpm and replace several worn components. Project also includes a 600,000 storage tank.	TBD	4,562	TBD	\$4,000,000	\$5,700,000	

PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL
RANKING	SYSTEM	COUNTY	PROJECT NAME	PROJECT DESCRIPTION	IJDC NUMBER	POPULATION	TOTAL POINTS	DWTRF FUNDING REQUESTED	TOTAL COST	
135	Huttonsville PSD	Randolph	Meter Replacement	This project will replace 1,000 water meters throughout the system.	TBD	4,863	TBD	\$300,000	\$300,000	
136	Keyser, City of	Mineral	WTP and Water System Improvements	This project proposes to construct a new WTP or upgrade the current WTP in the City of Keyser. The City has recently seen Cryptosporidium violations that will require upgrades to the WTP. The project will also make improvements to the Old Orchard pump station and install telemetry pump stations and tank sites.	TBD	5,202	TBD	\$5,500,000	\$16,500,000	
137	Wayne, Town of	Wayne	Big Lynn Creek Water Extension Project	Water extension project to serve approx. 120 customers in the Big Lynn and Little Lynn Creek areas of Wayne county. Project would require a 100 gpm booster pump station and 140,000 gallon water storage tank.	TBD	5,265	TBD	\$4,500,000	\$4,500,000	
138	Red Sulphur PSD	Monroe	Water Line Replacement Project	The project consists of the replacement of approximately 13,400 linear feet (l.f.) of lead joint cast iron pipe installed in the 1930s. The project is expected to increase water accountability by replacing water line that has exceeded its useful life and is known to be a contributor of water loss in the RSPSD water distribution system.	TBD	5,352	TBD	\$4,975,300	\$4,975,300	
139	Milton, City of	Cabell	WTP Disinfection System Upgrade	This project includes design and construction of an ultraviolet disinfection system at the water treatment plant to address cryptosporidium.	TBD	5,520	TBD	\$500,000	\$500,000	
140	Milton Municipal Utilities Commission	Cabell	WTP Upgrades	Improvements to the WTP including a new presedimentation basin, new pressure filters, sludge handling upgrades and upgrades to the electrical system.	TBD	5,520	TBD	\$1,500,000	\$2,500,000	
141	Mingo County PSD	Wyoming	Rockhouse Branch-Western Wyoming Ph 5	Water extension project to serve approx. 63 residences and businesses in the Rockhouse Branch/Lincoln area of western Wyoming County. Project would be supplied by the 150 gpm booster pump station and 400,000 gallon water storage tank constructed as part of the Hanover Ph 1 project.	TBD	6,324	TBD	\$3,000,000	\$3,000,000	
142	Mingo County PSD	Wyoming	Ikes Fork-Western Wyoming Ph 4 Project	This project will extend public water service to approx. 192 residences and businesses in the Ikes Fork/Muzzle Creek area of western Wyoming County. Project will utilize 80 gpm booster pump station and 100,000 gallon water storage tank constructed as part of the Hanover Ph 1 project.	TBD	6,324	TBD	\$5,300,000	\$5,300,000	
143	Mingo County PSD	Wyoming	North Spring-Western Wyoming Ph 3	Water extension project to serve approx. 102 residences and businesses in the North Spring/Little Cub branch area of western Wyoming County. Project would be supplied by the 150 gpm booster pump station and 400,000 gallon water storage tank constructed as part of the Hanover Ph 1 project.	TBD	6,324	TBD	\$4,100,000	\$4,100,000	
144	Mingo County PSD	Wyoming	Hanover-Western Wyoming Ph 1	Water extension project to serve approx. 214 residences and businesses, the Huff Consolidated Middle School and the US Army Corps facility western Wyoming County. Project would require a 150 gpm booster pump station and 400,000 gallon water storage tank.	TBD	6,324	TBD	\$6,800,000	\$7,800,000	
145	Mingo County PSD	Wyoming	Little Huff Creek-Western Wyoming Ph 2	Water extension project to serve approx. 213 residences and businesses in the Little Huff Creek area of western Wyoming County. Project would be supplied by the 150 gpm booster pump station and 400,000 gallon water storage tank constructed as part of the Hanover Ph 1 project.	TBD	6,324	TBD	\$5,500,000	\$5,500,000	
146	Grafton, City of	Taylor	Water System Improvements	This project will replace aging and failing water lines throughout the City. The project also proposes to replace the existing underground water storage tank with an above ground water storage tank.	TBD	6,577	TBD	\$2,000,000	\$4,000,000	
147	Kingwood Water Works	Preston	Vista View Water Line Extension	Water line extension project to serve the Vista View Community along CR 52 and CR 52/3. This project includes approx. 7 miles of 6 through 2 inch water lines, one booster station, two pressure reducing stations, and associated appurtenances.	TBD	6,656	TBD	\$4,300,000	\$4,300,000	
148	Frankfort PSD	Mineral	Water System Rehabilitation Project	This project consists of various rehabilitations to the water system.	TBD	6,747	TBD	\$466,690	\$736,000	
149	Raleigh County PSD	Raleigh	Storage and Distribution Upgrade	This project includes approx. 6 miles of various size water line replacement, approx. 4 miles of various size new water line installation, repainting 6 water storage tanks, replacing 2 existing water storage tanks and appurtenances.	TBD	7,180	TBD	\$11,000,000	\$11,000,000	
150	Preston County PSD No. 4	Preston	WTP Expansion	This project will add an additional 1.5 MGD of capacity to the existing WTP, drill and develop additional raw water source wells, and add storage tanks.	TBD	8,721	TBD	\$9,000,000	\$12,000,000	
151	Logan County PSD	Logan	Justice Addition-Mitchell Heights Water Project	This project will extend water service to approx. 380 customers in the communities of Justice Addition and Mitchell Heights in Logan County. Project includes water lines and a booster station.	TBD	16,949	TBD	\$3,000,000	\$4,000,000	
152	Logan County PSD	Logan	Big Ugly Water Project-PH 1	This project will extend public water service to approx. 65 customers in the Big Ugly Rd. and Ridgeview areas in Boone and Logan counties. Project will include water lines, 2 booster stations and 2 storage tanks.	TBD	16,949	TBD	\$2,500,000	\$3,300,000	
153	Logan County PSD	Logan	Island Creek Water Project	This project will extend public water service to approx. 1,090 customers in multiple communities along Island Creek in Logan County. Project will include water lines, hydrants, valves, and other necessary appurtenances.	TBD	16,949	TBD	\$14,000,000	\$17,500,000	
154	Logan County PSD	Logan	Stollings/McConnell Water Project	This project will extend public water service to approx. 135 customers in the communities of Stollings and McConnell in Logan County. The project includes water lines and a booster station.	TBD	16,949	TBD	\$2,000,000	\$3,400,000	
155	Logan County PSD	Logan	Northern Regional WTP Upgrade Project	This project will upgrade the WTP to increase capacity from 2,800 gpm to 5,600 gpm and replace several worn components. Project also includes a 800,000 storage tank.	TBD	16,949	TBD	\$7,000,000	\$8,700,000	
156	Berkeley County PSD	Berkeley	Bunker Hill Water Main Replacement	This project will upsize and replace water mains in the immediate area of the new Bunker Hill WTP. The District is experiencing significant growth and many of the facilities are undersized, antiquated and unable to support the continued growth in the area.	TBD	27,335	TBD	\$3,500,000	\$3,500,000	
157	Berkeley County PSD	Berkeley	Industrial Zone Storage Upgrades	This project will construct a new storage tanks and water mains in the industrial zone area. The District is providing water service to many industrial and commercial companies with little to no redundancy in the storage tanks or water mains.	TBD	27,335	TBD	\$9,500,000	\$9,500,000	
158	Mercer County PSD	Mercer	Pocahontas Water Line Replacement	Project includes replacement and upgrade of existing water lines to significantly reduce water loss and allow for the installation of fire hydrants in the area.	TBD	TBD	TBD	\$1,000,000	\$8,119,000	
159	McDowell County PSD	McDowell	Elkhorn Ph IV	This is the final phase of the Elkhorn Creek water projects. This water project will provide public water service to approx. 375 customers from Keystone to Welch and remove antiquated and unreliable water systems along the route.	TBD	TBD	TBD	\$5,610,000	\$5,610,000	
160	McDowell County PSD	McDowell	Jolo Ph V	This is the final phase of the Jolo water projects providing water service from the Town of Bradshaw the Virginia state line. This water project will provide public water service to 119 potential customers throughout four areas known as Rockridge, Panther Creek, Barker Ridge and Lex.	TBD	TBD	TBD	\$4,253,000	\$4,253,000	
161	McDowell County PSD	McDowell	Anawalt Water System Upgrade - Phase 1	This project will replace antiquated and problematic water storage and distribution systems throughout the communities of Anawalt, Leckie, and Jenkinjones. The project will provide public water service to approx. 423 customers.	TBD	TBD	TBD	\$6,100,000	\$6,100,000	
162	McDowell County PSD	McDowell	Bridge St. Stream Crossing Project	Proposed project to replace problematic water line stream crossing to provide reliable water and fire protection service to three residential and one commercial customer in the community of Keystone.	TBD	TBD	TBD	\$255,000	\$255,000	
163	Lewis County EDA	Lewis	Phase II Waterline Extension Project	Project to continue extending into areas of rural Lewis County.	TBD	14,057	TBD	\$1,500,000	\$2,000,000	
164	McMechen, City of	Marshall	Phase II Waterline Replacement Project	Remove and replace existing waterline.	TBD	2,212	TBD	\$2,500,000	\$3,000,000	
165	Milton Municipal Utilities Commission	Cabell	Route 60 Waterline Replacement and System Improvements	Replace waterline along Route 60 and install isolation valves within the system.	TBD	5,520	TBD	\$2,000,000	\$2,000,000	

PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL
RANKING	SYSTEM	COUNTY	PROJECT NAME	PROJECT DESCRIPTION	IJDC NUMBER	POPULATION	TOTAL POINTS	DWTRF FUNDING REQUESTED	TOTAL COST
166	Gap Mills PSD	Monroe	Moncove Lake Water System Upgrades and Extensions	Water system upgrades and extensions on Moncove Lake Road to serve approximately 200 residents and the Moncove Lake State Park. Project consists of 1) 77,800 feet of water mains, (2) two water storage tanks, (3) water booster station, (4) upgrading the Park's existing ground water treatment plant, and (5) other related work.	TBD	392	TBD	\$8,700,000	\$10,917,000
167	Paw Paw, Town of	Morgan	Water Meter Replacement and Water System Improvements	Remove and replace existing water meters, replace portions of existing waterline, and other necessary appurtenances.	TBD	488	TBD	\$500,000	\$1,000,000
168	Petersburg, City of	Grant	Water Upgrade Project	Install a secondary water intake, shell building for outdoor clarifiers, (4) master meters for leak detection, addressing lead and copper revisions, system mapping, and a new water storage tank.	TBD	2,841	TBD	\$2,000,000	\$2,500,000
169	Romney, City of	Hampshire	Secondary Water Source Project	Establish a Secondary Water Source for Romney to Draw Water from to Provide a More Reliable Service.	TBD	1,911	TBD	\$2,000,000	\$3,500,000
170	St. Mary's, City of	Pleasants	Stockton Lane Water Main Extension	Bridge Street to Hensly's Market extension.	TBD	2,711	TBD	\$500,000	\$500,000
171	St. Mary's, City of	Pleasants	2nd Street Water Main Replacement	New waterline from Washington Street to Clay Street	TBD	2,711	TBD	\$110,000	\$110,000
172	St. Mary's, City of	Pleasants	North Pleasants Highwater Main Line Replacement	Waterline replacement	TBD	2,711	TBD	\$2,130,000	\$2,130,000
173	St. Mary's, City of	Pleasants	Faulkner Road Extension Project	Waterline replacement from refinery tank to Morgan Avenue	TBD	2,711	TBD	\$370,000	\$370,000
174	Summersville, City of	Nicholas	Water System Improvements	Water distribution system improvements including water line replacement, meter replacement, and telemetry upgrades.	TBD	5,574	TBD	\$1,000,000	\$1,000,000
175	Union, Town of	Monroe	Leak Detection and Improvements Project	Physical leak detection locations and a preliminary engineering report followed by design and construction of needed improvements.	TBD	758	TBD	\$60,000	\$60,000
176	Welch, City of	McDowell	North Welch, Jr. Poca Waterline Replacement Project	The project includes the replacement of severely deteriorated waterlines in the North Welch and Jr. Poca areas in order to reduce significant water loss. These areas have had numerous repairs over the past 10 years.	TBD	2,907	TBD	\$1,500,000	\$3,813,000
177	Wheeling Water Department, City of	Ohio	Boggs Hill Water Main and Booster Station	Adding a new booster station to enhance water volume and improve the water main.	TBD	29,899	TBD	\$6,055,000	\$6,055,000
178	Wheeling Water Department, City of	Ohio	Mozart and Clearview Booster Stations and Waterline Project	Replacement of the water mains and booster stations at Mozart and Clearview.	TBD	29,899	TBD	\$2,892,000	\$2,892,000
179	Wheeling Water Department, City of	Ohio	Atlas, Carmel, Grandview and Pogue Run Water Main Improvements	Distribution project with water main improvements.	TBD	29,899	TBD	\$5,535,000	\$5,535,000
180	Wheeling Water Department, City of	Ohio	Sludge Disposal Project	Replacement of sludge dewatering equipment for the existing water treatment process.	TBD	29,899	TBD	\$2,820,000	\$2,820,000
181	Grant County PSD	Grant	Tank Replacement Project	Tank replacement at the Maysville site. The existing tank is leaking and has been noted in the BPH Sanitary Survey as a deficiency.	TBD	TBD	229	\$350,000	\$350,000

**WEST VIRGINIA 23DWTRFA PROJECT PRIORITY LIST (PPL) COMPREHENSIVE LIST-Emerging Contaminates**

PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL
RANKING	SYSTEM	COUNTY	PROJECT NAME	PROJECT DESCRIPTION	LJDC NUMBER	POPULATION	TOTAL POINTS	DWTRF FUNDING REQUESTED	TOTAL COST
1	Glen Dale, City of	Marshall	PFAS Filtration Upgrade	Project includes installation of granulated activated carbon filtration with all necessary piping and equipment.	2022W-2284	2,495	80	\$2,575,000	\$2,575,000
2	Lubeck PSD	Wood	New England Ridge Extension	Water line extension to serve approximately 40 new customers which currently rely on wells contaminated with PFAS.	2022W-2203	10,377	35	\$2,600,000	\$2,600,000
3	Claywood Park PSD	Wood	PFAS Removal Project	Install pressure filters to remove PFAS contamination in raw water.	TBD	8,141	TBD	\$7,500,000	\$7,500,000
4	Parkersburg Utility Board	Wood	WTP PFAS Upgrades	This project will upgrade the water treatment plant to remove PFAS from the source water.	TBD	38,189	TBD	\$12,000,000	\$12,000,000

## WEST VIRGINIA 23DWTRFA PROJECT PRIORITY LIST (PPL) COMPREHENSIVE LIST-Lead

PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL	PPL
RANKING	SYSTEM	COUNTY	PROJECT NAME	PROJECT DESCRIPTION	LJDC NUMBER	POPULATION	TOTAL POINTS	DWTRF FUNDING REQUESTED	TOTAL COST
1	Clarksburg Water Board	Harrison	Lead Service Line Replacement	Project to replace lead service lines throughout the distribution system.	2021W-2054	17,686	75	\$27,025,000	\$27,025,000
2	Alderson, Town of	Greenbrier	Lead Service Line Replacement	Replace lead service lines throughout the distribution system.	2019W-1833	2,458	70	\$615,000	\$615,000
3	Davy, Town of	McDowell	Lead Service Line Inventory	The project consists of the development of a lead service line inventory and GIS compatible surveying and mapping.	TBD	552	70	\$500,000	\$500,000
4	Richwood, City of	Nicholas	Lead Service Line Inventory	The project includes the engineering services necessary to conduct an inventory of lead services and prepare engineering plans for the removal of lead service lines and joints in the City's water distribution system.	TBD	1,095	70	\$500,000	\$500,000
5	Pineville Municipal Waterworks	Wyoming	Lead Service Line Inventory	The project includes the engineering services necessary to conduct an inventory of lead services and prepare engineering plans for the removal of lead service lines in the systems water distribution system.	TBD	2,945	70	\$250,000	\$250,000
6	Rainelle, Town of	Greenbrier	Lead Service Line Inventory	The project consists of the development of a lead service line inventory and GIS compatible surveying and mapping.	TBD	1,381	55	\$500,000	\$500,000
7	Gary, City of	McDowell	Lead Service Line Inventory	This project includes the engineering services necessary to conduct an inventory of lead services and prepare engineering plans for the removal of lead service lines in the City's distribution system.	TBD	1,633	55	\$500,000	\$500,000
8	Oakland PSD	Hancock	Lead Service Line Replacement	This project includes development of a lead service line inventory and replacing lead service lines throughout the distribution system.	TBD	1,846	55	TBD	TBD
9	Welch, City of	McDowell	Lead Service Line Inventory	The project includes the engineering services necessary to conduct an inventory of lead services and prepare engineering plans for the removal of lead service lines and joints in the City's water distribution system.	TBD	2,907	55	\$500,000	\$500,000
10	Mount Hope Water Assoc.	Upshur	Lead Service Line Inventory	Project to determine the service line material used from the meter to the customers structure.	TBD	2,870	50	\$200,000	\$200,000
11	Athens, Town of	Mercer	Lead Service Line Inventory	Project to perform an inventory of lead service line in the system. Included in this inventory will also be a proposed plan for replacement of the lines and modified sampling locations according to what is discovered.	TBD	4,802	50	\$25,000	\$25,000
12	Red Sulphur PSD	Monroe	Service Line Replacement Project	The project consists of the development of a lead service line inventory and GIS compatible surveying and mapping and the anticipated replacement of approx. 5,000 lf of lead service line replacement from the main to the home.	TBD	5,352	50	\$2,277,600	\$2,277,600
13	Summersville, City of	Nicholas	Lead Service Line Inventory	This project includes the engineering services necessary to conduct an inventory of lead services and prepare engineering plans for the removal of lead service lines in the City's distribution system.	TBD	5,574	50	\$500,000	\$500,000
14	Kingwood Water Works	Preston	Lead Service Line Replacement	Project includes removal and replacement of existing lead service lines in the downtown system.	TBD	6,656	50	\$500,000	\$500,000
15	Beckley, City of	Raleigh	Lead Service Line Replacement	Removal and replacement of approximately 3,900 lead service lines within the water system, approximately 195,000 LF.	TBD	47,386	TBD	\$14,875,000	\$14,875,000
16	Enlarged Hepzibah PSD	Harrison	Lead Service Line Inventory	Lead Service Line inventory development.	TBD	1,802	TBD	\$33,000	\$33,000
17	Grant County PSD	Grant	Lead Service Line Inventory	Lead Service Line inventory development.	TBD	2,086	TBD	\$1,000,000	\$1,000,000
18	Lubeck PSD	Wood	Lead Service Line Inventory	Lead Service Line inventory development.	TBD	10,377	TBD	\$50,000	\$50,000
19	McMechen, City of	Marshall	Lead Service Line Replacement	Replace the lead service lines throughout the City.	TBD	2,212	TBD	\$1,000,000	\$1,000,000
20	Sun Valley PSD	Harrison	Lead Service Line Inventory	Lead Service Line inventory development.	TBD	2,905	TBD	\$35,000	\$35,000
21	Wheeling Water Department, City of	Ohio	Lead Service Line Inventory	Lead Service Line inventory development.	TBD	29,899	TBD	\$250,000	\$250,000
22	Marlinton, Town of	Pocahontas	Lead Service Line Inventory	Lead Service Line inventory development.	TBD	1,362	TBD	\$100,000	\$100,000
23	McMechen, City of	Marshall	Lead Service Line Inventory	Project to inventory the service lines throughout the City. Project will identify the lead pipes in order to determine the scope of a replacement project.	TBD	2,212	45	TBD	TBD



APPENDIX B

FUNDABLE PROJECT  
PRIORITY LIST

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# FUNDABLE ALPHA RANKING LIST

## Base and Supplemental Projects

<u>Project</u>	<u>Ranking</u>
Clarksburg Water Board	11
Fairview, Town of	2
Fairview, Town of	5
Franklin, Town of	10
Huttonsville PSD	8
Kanawha Falls PSD	1
McDowell County PSD	9
Mercer County PSD	12
Paw Paw, Town of	14
Pennsboro, City of	13
Pennsboro, City of	16
Pineville Municipal Waterworks	3
Salem, City of	6

## Emerging Contaminates Projects

<u>Project</u>	<u>Ranking</u>
Claywood Park PSD	3
Glen Dale, City of	1
Lubeck PSD	2

## Lead Projects

<u>Project</u>	<u>Ranking</u>
Alderson, Town of	2
Athens, Town of	11
Beckley, City of	15
Clarksburg Water Board	1
Davy, Town of	3
Gary, City of	7
Kingwood Water Works	14
Mount Hope Water Assoc.	10
Oakland PSD	8
Pineville Municipal Waterworks	5
Rainelle, Town of	6
Red Sulphur PSD	12
Richwood, City of	4
Summersville, City of	13
Welch, City of	9

## 2023 Funding List Detailed Description-Base and Supplemental Program

RANKING	SYSTEM	PROJECT DESCRIPTION	POPULATION	DWTRF ASSISTANCE FROM BASE GRANT	DWTRF PRINCIPAL FORGIVENESS FROM BASE GRANT	DWTRF ASSISTANCE FROM SUPPLEMENTAL GRANT	DWTRF PRINCIPAL FORGIVENESS FROM SUPPLEMENTAL GRANT	DWTRF PRINCIPAL FORGIVENESS FROM EMERGING CONT. GRANT	DWTRF ASSISTANCE FROM LSLR GRANT	DWTRF PRINCIPAL FORGIVENESS FROM LSLR GRANT	TOTAL DWTRF ASSISTANCE	TOTAL PROJECT COST
1	Kanawha Falls PSD	The project includes replacing existing water lines and related 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, etc.	2,273	\$3,654,120	\$500,000						\$4,154,120	\$8,107,500
2	Fairview, Town of	This preliminary application is to make improvements the Town of Fairview's water distribution system and to connect to the Monumental PSD's water system. The project will be split into two (2) phases. This application is for Phase I. Phase I will primarily consist of the installation of approximately 3,500 LF of 6" water line, a PRV Station, a duplex booster station with telemetry and emergency generator, refurbish existing water storage tank, upgrade access roads to existing water storage tanks, upgrade telemetry to existing water storage tanks, demolish old tank at water treatment plant, decommission existing water treatment plant, a new office building, replace existing manual read meters, and connect to the Monumental PSD water system.	979		\$783,880						\$783,880	\$3,179,430
3	Pineville Municipal Waterworks	The proposed project consists of a new 8-inch line that will extend along WV Route 97 to Baileysville Elementary School from the end of the existing 8-inch line near Wyoming. Also there will be 6-inch lines extending from Route 97 along Lanes Branch Road and Doublecamp Branch Road for approximately 0.53 miles and 0.94 miles, respectively. This alternative will also feature one 150,000-gallon water storage tank	2,945			\$956,185	\$956,186				\$1,912,371	\$9,498,871
5	Fairview, Town of	This project will replace 11,000 ft of old water mains, install 14 new valves and 5 fire hydrants in order to reduce significant water loss.	979				\$1,005,500				\$1,005,500	\$2,175,000
6	Salem, City of	The City of Salem is proposing to replace approximately 1.5 miles (8,000 LF) of problematic 8-inch water main, along with short sections of 6-inch connection lines, utility service lines (including lead and galvanized) and 128 water meters. Two short sections of 2-inch water line will also be replaced and a leak detection will be performed on the rest of the distribution system.	1,617				1000000		\$295,800	\$284,200	\$1,580,000	\$5,841,500
8	Huttonsville PSD	This project will replace approximately 8,000 LF of 18-inch high service line.	4,758				\$2,400,000				\$2,400,000	\$2,400,000
9	McDowell County PSD	The proposed project will construct a new water treatment plant to serve 220 customers and will allow 3 old treatment plants (Greenbrier, Ashland, and Crumpler) to be retired in the area. Also included in the project will be a 50 GPM booster station, (2) 100,000-gallon water storage tanks, approximately 60,645 linear feet of 8-inch and smaller waterline, 24 fire hydrants, and all other necessary valves and appurtenances.	693			\$428,250	\$428,250				\$856,500	\$7,513,000
10	Franklin, Town of	System improvements including water line replacement, river crossing replacement, and installation of a hydro-pneumatic booster pump station.	1,402			\$2,443,000	\$1,000,000				\$3,443,000	\$4,760,000
11	Clarksburg Water Board	Project to replace selected water mains throughout the distribution system.	17,686			\$4,462,815					\$4,462,815	\$24,120,000
12	Mercer County PSD	This project will extend the water system to the McComas area and replace the existing failing McComas water system.	TBD				\$712,500				\$712,500	\$2,812,500
13	Pennsboro, City of	This project will extend public water to approx. 33 customers along Route 74. The project includes water lines, water meters, fire hydrants and all necessary appurtenances.	1,291			\$750,000	\$750,000				\$1,500,000	\$7,000,000
14	Paw Paw, Town of	This Preliminary Application is to upgrade the Town of Paw Paw water treatment plant and distribution system. The distribution portion of the project will consist of the installation of approximately 2 miles (10,780 LF) of 2" to 8" water line; and rehabilitate the existing water storage tanks.	488			\$1,697,800	\$1,697,800				\$3,395,600	\$4,395,600
16	Pennsboro, City of	The proposed project plans to replace the existing 434,000 gallon Industrial Park Tank with a new like-sized tank and to rehabilitate the Park Drive and Broadwater Water Storage Tanks. Also included will be the replacement of almost 1.14 miles of mostly 8-inch watermains with a small portion being 2-inch and 6-inch. All necessary valves and appurtenances will be included as well as the demolition and site preparation for the new tank.	1,291				\$366,714				\$366,714	\$2,112,000

**2023 Funding List Detailed Description-Emerging Contaminates Program**

<b>RANKING</b>	<b>SYSTEM</b>	<b>PROJECT DESCRIPTION</b>	<b>POPULATION</b>	<b>DWTRF ASSISTANCE FROM BASE GRANT</b>	<b>DWTRF PRINCIPAL FORGIVENESS FROM BASE GRANT</b>	<b>DWTRF ASSISTANCE FROM SUPPLEMENTAL GRANT</b>	<b>DWTRF PRINCIPAL FORGIVENESS FROM SUPPLEMENTAL GRANT</b>	<b>DWTRF PRINCIPAL FORGIVENESS FROM EMERGING CONT. GRANT</b>	<b>DWTRF ASSISTANCE FROM LSLR GRANT</b>	<b>DWTRF PRINCIPAL FORGIVENESS FROM LSLR GRANT</b>	<b>TOTAL DWTRF ASSISTANCE</b>	<b>TOTAL PROJECT COST</b>
1	Glen Dale, City of	Project includes installation of granulated activated carbon filtration with all necessary piping and equipment.	2,495					\$2,575,000			\$2,575,000	\$2,575,000
2	Lubeck PSD	Water line extension to serve approximately 40 new customers which currently rely on wells contaminated with PFAS.	10,377					\$2,600,000			\$2,600,000	\$2,600,000
3	Claywood Park PSD	Install pressure filters to remove PFAS contamination in raw water.	8,141					\$2,465,000			\$2,465,000	\$7,500,000

### 2023 Funding List Detailed Description-Lead Program

RANKING	SYSTEM	PROJECT DESCRIPTION	POPULATION	DWTRF ASSISTANCE FROM BASE GRANT	DWTRF PRINCIPAL FORGIVENESS FROM BASE GRANT	DWTRF ASSISTANCE FROM SUPPLEMENTAL GRANT	DWTRF PRINCIPAL FORGIVENESS FROM SUPPLEMENTAL GRANT	DWTRF PRINCIPAL FORGIVENESS FROM EMERGING CONT. GRANT	DWTRF ASSISTANCE FROM LSLR GRANT	DWTRF PRINCIPAL FORGIVENESS FROM LSLR GRANT	TOTAL DWTRF ASSISTANCE	TOTAL PROJECT COST
1	Clarksburg Water Board	Project to replace lead service lines throughout the distribution system.	17,686						\$4,023,359	\$3,865,581	\$7,888,940	\$27,025,000
2	Alderson, Town of	Replace lead service lines throughout the distribution system.	2,458						\$313,650	\$301,350	\$615,000	\$615,000
3	Davy, Town of	The project consists of the development of a lead service line inventory and GIS compatible surveying and mapping.	552						\$255,000	\$245,000	\$500,000	\$500,000
4	Richwood, City of	The project includes the engineering services necessary to conduct an inventory of lead services and prepare engineering plans for the removal of lead service lines and joints in the City's water distribution system.	1,095						\$255,000	\$245,000	\$500,000	\$500,000
5	ville Municipal Waterw	The project includes the engineering services necessary to conduct an inventory of lead services and prepare engineering plans for the removal of lead service lines in the systems water distribution system,	2,945						\$127,500	\$122,500	\$250,000	\$250,000
6	Rainelle, Town of	The project consists of the development of a lead service line inventory and GIS compatible surveying and mapping.	1,381						\$255,000	\$245,000	\$500,000	\$500,000
7	Gary, City of	This project includes the engineering services necessary to conduct an inventory of lead services and prepare engineering plans for the removal of lead service lines in the City's distribution system.	1,633						\$255,000	\$245,000	\$500,000	\$500,000
8	Oakland PSD	This project includes development of a lead service line inventory and replacing lead service lines throughout the distribution system.	1,846						\$255,000	\$245,000	\$500,000	TBD
9	Welch, City of	The project includes the engineering services necessary to conduct an inventory of lead services and prepare engineering plans for the removal of lead service lines and joints in the City's water distribution system.	2,907						\$255,000	\$245,000	\$500,000	\$500,000
10	ount Hope Water Asso	Project to determine the service line material used from the meter to the customers structure.	2,870						\$102,000	\$98,000	\$200,000	\$200,000
11	Athens, Town of	Project to perform an inventory of lead service line in the system. Included in this inventory will also be a proposed plan for replacement of the lines and modified sampling locations according to what is discovered.	4,802							\$25,000	\$25,000	\$25,000
12	Red Sulphur PSD	The project consists of the development of a lead service line inventory and GIS compatible surveying and mapping and the anticipated replacement of approx. 5,000 lf of lead service line replacement from the main to the home.	5,352						\$1,161,576	\$1,116,024	\$2,277,600	\$2,277,600
13	Summersville, City of	This project includes the engineering services necessary to conduct an inventory of lead services and prepare engineering plans for the removal of lead service lines in the City's distribution system.	5,574						\$255,000	\$245,000	\$500,000	\$500,000
14	Kingwood Water Work	Project includes removal and replacement of existing lead service lines in the downtown system.	6,656						\$255,000	\$245,000	\$500,000	\$500,000
15	Beckley, City of	Removal and replacement of approximately 3,900 lead service lines within the water system, approximately 195,000 LF.	47,386						\$6,547,615	\$6,265,845	\$12,813,460	\$14,875,000
<b>Total</b>				<b>\$3,654,120</b>	<b>\$1,283,880</b>	<b>\$10,738,050</b>	<b>\$10,316,950</b>	<b>\$7,640,000</b>	<b>\$14,611,500</b>	<b>\$14,038,500</b>	<b>\$62,283,000</b>	<b>\$145,358,001</b>

2022 Total Base Capitalization Grant Amount:	\$3,654,120	\$1,283,880	\$10,738,050	\$10,316,950	\$7,640,000	\$14,611,500	\$14,038,500	\$62,283,000
2022 Total DWSRF Supplemental Grant:		26% Minimum	51% Repayment	49% Principal	100% Principal	51% Repayment	49% Principal	Total Amount
2022 Total DWSRF Lead Service Line Replacement Grant:		Principal	Loan	Forgiveness	Forgiveness	Loan	Forgiveness	of Grant
2022 Total DWSRF Emerging Contaminant Grant:		Forgiveness		Required	Required		Required	Construction
		Required						Funds

# APPENDIX C

## PUBLIC MEETING SUMMARY

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The FY2024 IUP Public Meeting was scheduled for July 27, 2023, at 9:30am. The meeting took place at the WV DEP's Headquarters in Charleston, WV. An option to attend remotely or call-in was also given. Fifteen members of the public and five SRF staff were in the meeting. Kathy Emery read the highlights of the FY2024 IUP. The following comments were received via email, two questions were asked during the meeting, and one comment was received by mail.

**Question No. 1** – Will the Green Money from DWTRF work the same as CWSRF? It doesn't really say in the draft IUP. I know it is only a percentage of the total Green dollars up to \$500,000.

**Answer to Question No. 1** – At this point, we haven't decided on something like that, but it could be considered. I'm not aware of any green DWTRF eligible requests for funding.

**Question No. 2** – The tables you have in both the CWSRF and DWTRF for Magisterial Districts are incorrect. It appears that when the legislature did redistricting, the tables were not changed. There are several counties where the names / boundaries have changed. Several counties have less districts than before. Will this be updated?

**Answer to Question No. 2** – This was data that was given to me when the census data changed and we moved to the 2020 census. I haven't been made aware of any issues like what you are referring to, so if you can provide detailed concerns, we will update the charts.

**Question No. 3** – Sharon Shumaker with the City of Piedmont submitted an application for their project to be included on the FY2024 Priority List.

**Answer to Question No. 3** – The City of Piedmont's project was included in the FY2024 Priority List.

**Question No. 4** – Do rates have to be already implemented to receive the terms in the IUP?

**Answer to Question No. 4** – The rates would have to be approved by the County Commission or the Public Service Commission prior to loan closing.

**Question No. 5** – Please explain what you described regarding projects that are eligible for emerging contaminants funding?



**Answer to Question No. 5** – Projects in which the primary purpose is to address contaminants with the National Primary Drinking Water Regulation, except for PFAS, are not eligible. Projects that address PFAS and contaminants listed on any of EPA’s Contaminant Candidate Lists are eligible.

**Question No. 6** – To be fully funded for a Binding Commitment, does all the funding need to be committed?

**Answer to Question No. 6** – No. All funding sources need to be identified and that has been clarified in the IUP.

**Question No. 7** –Kim Ruddle with the Region 8 Planning & Development Council submitted an application for the Grant County PSD leaking water tanks project to be included on the FY2024 Priority List.

**Answer to Question No. 7** – The Grant County PSD leaking water tanks project was included in the FY2024 Priority List.

**Question No. 8** –Cody Walker with E.L. Robinson Engineering submitted an application for the Flatwoods-Canoe Run PSD Bonnie Road and Exchange Road Waterline Extension project to be included on the FY2024 Priority List.

**Answer to Question No. 8** – The Flatwoods-Canoe Run PSD Bonnie Road and Exchange Road Waterline Extension project was included in the FY2024 Priority List.



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west virginia department of environmental protection

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Division of Water and Waste Management  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304  
Phone: 304-926-0495 / Fax: 304-926-0463

Harold D. Ward, Cabinet Secretary  
dep.wv.gov

August 10, 2023

Ms. Angie Rosser, Executive Director  
West Virginia Rivers Coalition  
3501 MacCorkle Ave, SE #129  
Charleston, WV 25304

RE: DWTRF IUP Comments

Dear Ms. Rosser,

We have received and reviewed your comments regarding the DWTRF Intended Use Plan (IUP). The following are our efforts to respond to the comments provided.

**Enhancement of Public Participation**

We apologize for any difficulties you encountered with locating the details of the public meeting. In reference to your request that the virtual meeting link be included in the public notifications, please see the attachment that was sent. The virtual meeting information is near the bottom. If this was not part of the advertisements that you referenced, please let me know. We even received a request for a hardcopy of the IUP from a citizen and that request was also accommodated. Please note that in addition to the newspapers and direct email engagement, this was also discussed at meetings of the Infrastructure and Jobs Development Council (IJDC), the Municipal Water Quality Association, and the Association of Regional Councils to ensure that all eligible communities that would be interested in funding would have the opportunity to read the IUP and participate in the public meeting. We will take your suggestions under advisement and explore additional notification methods when placing the IUP under public comment next year.

**Project Priority Ranking**

The ranking criteria has not been changed since the 2023 IUP and the appendices were provided by the DWTRF staff as the program transferred to the DEP. To make the attachments more readable, we conferred with the EPA regarding the required information to be provided and chose to abbreviate the information provided in the IUP. If you have any questions regarding a particular community, please contact me and I will be happy to provide you with the information.

Promoting a healthy environment.

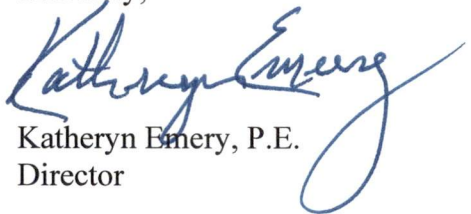
### **Short Term and Long-Term Goals**

Regarding the short-term goal number 3, the DWTRF program has received funding to address emerging contaminants as part of the Infrastructure Investment and Jobs Act. Section V.D discusses the eligibilities for the funding and PFAS is a primary concern. The DWTRF program will be working with communities to provide funding for projects to address PFAS in drinking water supplies.

As for the long-term goal number 1, the DEP will continue to engage with communities in the same manner as before. All eligible projects must receive a funding recommendation from the IJDC. The DEP is not taking primacy over implementation of the Safe Drinking Water Act, but we will work with the Office of Environmental and Health Services regarding any communities of concern they may recommend to the DWTRF.

If you have any further questions, please reach out to me and I would be happy to discuss the DWTRF program with you.

Sincerely,



Katheryn Emery, P.E.  
Director

## Ad Copy

### **NOTICE OF PUBLIC MEETING**

The West Virginia Department of Environmental Protection has scheduled a public meeting on July 27, 2023, at 9:30 am to discuss the **Draft Fiscal Year 2024 Intended Use Plan** for the Drinking Water Treatment Revolving Fund Program (DWTRF). A part of the Intended Use Plan is the Fiscal Year 2024 Comprehensive Project Priority List. The meeting will take place in person at the WV DEP's Headquarters in Charleston, WV. An option to attend remotely or call-in is below. A copy of the draft Fiscal Year 2024 Intended Use Plan is available, and may be requested by calling, writing, or sending an email request to the address below. The plan can also be viewed on DEP's web site.

#### **Contact**

Katheryn Emery  
WV Department of Environmental  
Protection Division of Water & Waste  
Management  
601 57th Street, SE  
Charleston, WV 25304  
(304) 926-0499 Ext. 43830  
Katheryn.D.Emery@wv.gov  
Video call link: <https://meet.google.com/tjy-fznu-gwr>



August 4, 2023

Katheryn Emery  
Director Division of Water and Waste Management  
West Virginia Department of Environmental Protection  
601 57th Street SE  
Charleston, West Virginia 25304

Submitted by email to: [katheryn.d.emery@wv.gov](mailto:katheryn.d.emery@wv.gov)

Re: Comments on the FY2024 Draft Intended Use Plan for the West Virginia Drinking Water Treatment Revolving Fund

Director Emery,

Thank you for the opportunity to comment on the Draft Intended Use Plan (IUP) for the West Virginia Drinking Water Treatment Revolving Fund (WV DWTRF) July 1, 2023 - June 30, 2024. We applaud WV Department of Environmental Protection (DEP)'s diligent efforts since the transfer of the DWTRF from the WV Bureau of Public Health (BPH) to DEP. We appreciate your consideration of these comments and questions.

#### **Enhancement of Public Participation**

We greatly appreciate having the option to attend the public meeting virtually. However, it was difficult to track down the virtual meeting information. The link was received only the day before the meeting, after multiple follow-ups with the Office of Environmental Advocate. Subsequently, we request that the virtual meeting link be included in the IUP, similar to the FY2023 IUP, and included in the public notifications sent out to newspapers and stakeholders. Additionally, we request that contact information be included in the 'Public Participation' section of the IUP so commenters know where to send their written comments. Lastly, we request that organizations or individuals that engage in the public comment process be added to the email list of interested parties that receive the "mass email" notifying them of the IUP's publication. By engaging in the public comment process, these parties are proving themselves to be "interested parties."

#### **Project Priority Ranking**

According to the IUP, "Projects requesting DWTRF funding assistance are prioritized using the DWTRF Project Priority Ranking System. Three categories (public health, regulatory compliance, and affordability) are used to determine project scoring." Is this the same DWTRF Project Priority Ranking System outlined in the FY2023 IUP? We request that the DWTRF Project Priority Ranking System be included as an Appendix in the IUP, similar to how it was included in as an Attachment in the FY2023 IUP.

Furthermore, to enhance public transparency, we request that the public have access to the priority ranking breakdown for each project on the project priority list. The breakdown of these project scores could be included in the Appendix or compiled into a linked, downloadable file included in the IUP.

**Short Term and Long Term Goals**

In the Short Term Goals, it is stated, “3. Work with appropriate agencies in the implementation of West Virginia’s newly passed PFAS Protection Act.” As a prominent engaged stakeholder in the implementation of the PFAS Protection Act, could DEP please expand upon this goal, and how it will be incorporated into the WV DWTRF program?

In the Long Term Goals, it is stated, “1. Assist with and funding the necessary infrastructure to upgrade water quality for existing public water customers and provide water to new customers whose water does not comply with the SDWA or is unreliable. The DWTRF has a fund utilization goal of 95%.” Now that the DWTRF has been transferred from BPH to DEP, how will DEP identify and engage with public water customers and utilities whose water does not comply with the SDWA or is unreliable?

We thank you for your consideration of these comments and questions. We are supportive of DEP’s efforts to assist public water systems in protecting public health and appreciate the opportunity to comment on the Draft FY2024 IUP for the WV DWTRF.

Sincerely,

Angie Rosser  
Executive Director  
West Virginia Rivers Coalition

APPENDIX D

MEDIAN HOUSEHOLD INCOME  
BY COUNTY AND  
MAGISTERIAL DISTRICT

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WEST VIRGINIA MEDIAN HOUSEHOLD INCOME  
2020 CENSUS  
COUNTY & MAGISTERIAL DISTRICTS

<b>Magisterial District</b>	<b>2020 MHI</b>	<b>1.25%</b>	<b>1.50%</b>	<b>1.75%</b>	<b>2.00%</b>	<b>2.50%</b>
<b>Barbour</b>	\$38,906	40.53	48.63	56.74	64.84	81.05
North district, Barbour County	\$37,148	38.70	46.44	54.17	61.91	77.39
South district, Barbour County	\$40,087	41.76	50.11	58.46	66.81	83.51
West district, Barbour County	\$39,470	41.11	49.34	57.56	65.78	82.23
<b>Berkeley</b>	\$65,286	68.01	81.61	95.21	108.81	136.01
Adam Stephens district, Berkeley County	\$41,773	43.51	52.22	60.92	69.62	87.03
Norborne district, Berkeley County	\$68,544	71.40	85.68	99.96	114.24	142.80
Potomac district, Berkeley County	\$63,184	65.82	78.98	92.14	105.31	131.63
Shenandoah district, Berkeley County	\$68,007	70.84	85.01	99.18	113.35	141.68
Tuscarora district, Berkeley County	\$68,874	71.74	86.09	100.44	114.79	143.49
Valley district, Berkeley County	\$72,155	75.16	90.19	105.23	120.26	150.32
<b>Boone</b>	\$45,297	47.18	56.62	66.06	75.50	94.37
District 1, Boone County	\$47,530	49.51	59.41	69.31	79.22	99.02
District 2, Boone County	\$38,274	39.87	47.84	55.82	63.79	79.74
District 3, Boone County	\$51,151	53.28	63.94	74.60	85.25	106.56
<b>Braxton</b>	\$43,819	45.64	54.77	63.90	73.03	91.29
Eastern district, Braxton County	\$41,019	42.73	51.27	59.82	68.37	85.46
Northern district, Braxton County	\$39,803	41.46	49.75	58.05	66.34	82.92
Southern district, Braxton County	\$43,945	45.78	54.93	64.09	73.24	91.55
Western district, Braxton County	\$51,295	53.43	64.12	74.81	85.49	106.86
<b>Brooke</b>	\$48,168	50.18	60.21	70.25	80.28	100.35
Follansbee district, Brooke County	\$43,149	44.95	53.94	62.93	71.92	89.89
Weirton district, Brooke County	\$51,392	53.53	64.24	74.95	85.65	107.07
Wellsburg district, Brooke County	\$47,863	49.86	59.83	69.80	79.77	99.71
<b>Cabell</b>	\$41,472	43.20	51.84	60.48	69.12	86.40
District 1, Cabell County	\$44,500	46.35	55.63	64.90	74.17	92.71
District 2, Cabell County	\$26,474	27.58	33.09	38.61	44.12	55.15
District 3, Cabell County	\$30,835	32.12	38.54	44.97	51.39	64.24
District 4, Cabell County	\$50,013	52.10	62.52	72.94	83.36	104.19
District 5, Cabell County	\$53,699	55.94	67.12	78.31	89.50	111.87
<b>Calhoun</b>	\$38,668	40.28	48.34	56.39	64.45	80.56
District 1, Calhoun County	\$45,029	46.91	56.29	65.67	75.05	93.81
District 2, Calhoun County	\$40,556	42.25	50.70	59.14	67.59	84.49
District 3, Calhoun County	\$40,921	42.63	51.15	59.68	68.20	85.25
District 4, Calhoun County	\$38,125	39.71	47.66	55.60	63.54	79.43
District 5, Calhoun County	\$35,521	37.00	44.40	51.80	59.20	74.00
<b>Clay</b>	\$35,154	36.62	43.94	51.27	58.59	73.24
District A, Clay County	\$33,542	34.94	41.93	48.92	55.90	69.88
District B, Clay County	\$26,362	27.46	32.95	38.44	43.94	54.92
District C, Clay County	\$42,750	44.53	53.44	62.34	71.25	89.06
<b>Doddridge</b>	\$51,300	53.44	64.13	74.81	85.50	106.88
Beech district, Doddridge County	\$37,807	39.38	47.26	55.14	63.01	78.76
Maple district, Doddridge County	\$69,620	72.52	87.03	101.53	116.03	145.04



WEST VIRGINIA MEDIAN HOUSEHOLD INCOME  
2020 CENSUS  
COUNTY & MAGISTERIAL DISTRICTS

<b>Magisterial District</b>	<b>2020 MHI</b>	<b>1.25%</b>	<b>1.50%</b>	<b>1.75%</b>	<b>2.00%</b>	<b>2.50%</b>
Oak district, Doddridge County	\$50,935	53.06	63.67	74.28	84.89	106.11
Pine district, Doddridge County	\$57,833	60.24	72.29	84.34	96.39	120.49
Fayette	\$43,722	45.54	54.65	63.76	72.87	91.09
New Haven district, Fayette County	\$46,316	48.25	57.90	67.54	77.19	96.49
Plateau district, Fayette County	\$42,921	44.71	53.65	62.59	71.54	89.42
Valley district, Fayette County	\$42,268	44.03	52.84	61.64	70.45	88.06
Gilmer	\$42,883	44.67	53.60	62.54	71.47	89.34
Center district, Gilmer County	\$39,693	41.35	49.62	57.89	66.16	82.69
City district, Gilmer County	\$34,250	35.68	42.81	49.95	57.08	71.35
De Kalb-Troy district, Gilmer County	\$44,280	46.13	55.35	64.58	73.80	92.25
Glenville district, Gilmer County	\$48,750	50.78	60.94	71.09	81.25	101.56
Grant	\$43,313	45.12	54.14	63.16	72.19	90.24
Grant district, Grant County	\$41,649	43.38	52.06	60.74	69.42	86.77
Milroy district, Grant County	\$41,321	43.04	51.65	60.26	68.87	86.09
Union district, Grant County	\$52,152	54.33	65.19	76.06	86.92	108.65
Greenbrier	\$39,807	41.47	49.76	58.05	66.35	82.93
Central district, Greenbrier County	\$45,283	47.17	56.60	66.04	75.47	94.34
Eastern district, Greenbrier County	\$35,338	36.81	44.17	51.53	58.90	73.62
Western district, Greenbrier County	\$41,261	42.98	51.58	60.17	68.77	85.96
Hampshire	\$48,528	50.55	60.66	70.77	80.88	101.10
Bloomery district, Hampshire County	\$66,930	69.72	83.66	97.61	111.55	139.44
Capon district, Hampshire County	\$62,228	64.82	77.79	90.75	103.71	129.64
Gore district, Hampshire County	\$54,732	57.01	68.42	79.82	91.22	114.03
Mill Creek district, Hampshire County	\$50,547	52.65	63.18	73.71	84.25	105.31
Romney district, Hampshire County	\$33,943	35.36	42.43	49.50	56.57	70.71
Sherman district, Hampshire County	\$47,578	49.56	59.47	69.38	79.30	99.12
Springfield district, Hampshire County	\$42,159	43.92	52.70	61.48	70.27	87.83
Hancock	\$48,140	50.15	60.18	70.20	80.23	100.29
Butler district, Hancock County	\$55,773	58.10	69.72	81.34	92.96	116.19
Clay district, Hancock County	\$45,966	47.88	57.46	67.03	76.61	95.76
Grant district, Hancock County	\$44,854	46.72	56.07	65.41	74.76	93.45
Hardy	\$46,513	48.45	58.14	67.83	77.52	96.90
Capon district, Hardy County	\$45,756	47.66	57.20	66.73	76.26	95.33
Lost River district, Hardy County	\$51,406	53.55	64.26	74.97	85.68	107.10
Moorefield district, Hardy County	\$47,500	49.48	59.38	69.27	79.17	98.96
Old Fields district, Hardy County	\$42,034	43.79	52.54	61.30	70.06	87.57
South Fork district, Hardy County	\$47,207	49.17	59.01	68.84	78.68	98.35
Harrison	\$52,134	54.31	65.17	76.03	86.89	108.61
Eastern district, Harrison County	\$75,050	78.18	93.81	109.45	125.08	156.35
Northern district, Harrison County	\$53,343	55.57	66.68	77.79	88.91	111.13
North Urban district, Harrison County	\$40,375	42.06	50.47	58.88	67.29	84.11

WEST VIRGINIA MEDIAN HOUSEHOLD INCOME  
2020 CENSUS  
COUNTY & MAGISTERIAL DISTRICTS

<b>Magisterial District</b>	<b>2020 MHI</b>	<b>1.25%</b>	<b>1.50%</b>	<b>1.75%</b>	<b>2.00%</b>	<b>2.50%</b>
Southern district, Harrison County	\$55,080	57.38	68.85	80.33	91.80	114.75
South Urban district, Harrison County	\$52,275	54.45	65.34	76.23	87.13	108.91
Southwest district, Harrison County	\$50,752	52.87	63.44	74.01	84.59	105.73
Jackson	\$49,115	51.16	61.39	71.63	81.86	102.32
Eastern district, Jackson County	\$45,818	47.73	57.27	66.82	76.36	95.45
Northern district, Jackson County	\$49,528	51.59	61.91	72.23	82.55	103.18
Western district, Jackson County	\$53,156	55.37	66.45	77.52	88.59	110.74
Jefferson	\$82,551	85.99	103.19	120.39	137.59	171.98
Charles Town district, Jefferson County	\$67,962	70.79	84.95	99.11	113.27	141.59
Harpers Ferry district, Jefferson County	\$76,905	80.11	96.13	112.15	128.18	160.22
Kabletown district, Jefferson County	\$115,469	120.28	144.34	168.39	192.45	240.56
Middleway district, Jefferson County	\$72,136	75.14	90.17	105.20	120.23	150.28
Shepherdstown district, Jefferson County	\$88,523	92.21	110.65	129.10	147.54	184.42
Kanawha	\$47,122	49.09	58.90	68.72	78.54	98.17
District 1, Kanawha County	\$43,831	45.66	54.79	63.92	73.05	91.31
District 2, Kanawha County	\$51,916	54.08	64.90	75.71	86.53	108.16
District 3, Kanawha County	\$50,204	52.30	62.76	73.21	83.67	104.59
District 4, Kanawha County	\$42,112	43.87	52.64	61.41	70.19	87.73
Lewis	\$43,894	45.72	54.87	64.01	73.16	91.45
Courthouse-Collins Settlement district, Lewis	\$34,800	36.25	43.50	50.75	58.00	72.50
Freemans Creek district, Lewis County	\$49,030	51.07	61.29	71.50	81.72	102.15
Hackers Creek-Skin Creek district, Lewis County	\$46,667	48.61	58.33	68.06	77.78	97.22
Lincoln	\$42,064	43.82	52.58	61.34	70.11	87.63
District 1, Lincoln County	\$55,826	58.15	69.78	81.41	93.04	116.30
District 2, Lincoln County	\$33,011	34.39	41.26	48.14	55.02	68.77
District 3, Lincoln County	\$36,772	38.30	45.97	53.63	61.29	76.61
Logan	\$36,250	37.76	45.31	52.86	60.42	75.52
Central district, Logan County	\$38,605	40.21	48.26	56.30	64.34	80.43
Eastern district, Logan County	\$33,014	34.39	41.27	48.15	55.02	68.78
Western district, Logan County	\$45,396	47.29	56.75	66.20	75.66	94.58
Marion	\$52,856	55.06	66.07	77.08	88.09	99.11
Middletown district, Marion County	\$45,274	47.16	56.59	66.02	75.46	94.32
Palatine district, Marion County	\$60,511	63.03	75.64	88.25	100.85	126.06
West Augusta district, Marion County	\$53,660	55.90	67.08	78.25	89.43	111.79
Marshall	\$52,856	55.06	66.07	77.08	88.09	110.12
District 1, Marshall County	\$53,311	55.53	66.64	77.75	88.85	111.06
District 2, Marshall County	\$36,161	37.67	45.20	52.73	60.27	75.34
District 3, Marshall County	\$56,442	58.79	70.55	82.31	94.07	117.59
Mason	\$51,820	53.98	64.78	75.57	86.37	107.96

WEST VIRGINIA MEDIAN HOUSEHOLD INCOME  
2020 CENSUS  
COUNTY & MAGISTERIAL DISTRICTS

<b>Magisterial District</b>	<b>2020 MHI</b>	<b>1.25%</b>	<b>1.50%</b>	<b>1.75%</b>	<b>2.00%</b>	<b>2.50%</b>
Arbuckle district, Mason County	\$34,234	35.66	42.79	49.92	57.06	71.32
Clendenin district, Mason County	\$40,938	42.64	51.17	59.70	68.23	85.29
Cologne district, Mason County	\$55,476	57.79	69.35	80.90	92.46	115.58
Cooper district, Mason County	\$56,473	58.83	70.59	82.36	94.12	117.65
Graham district, Mason County	\$51,073	53.20	63.84	74.48	85.12	106.40
Hannan district, Mason County	\$66,319	69.08	82.90	96.72	110.53	138.16
Lewis district, Mason County	\$55,025	57.32	68.78	80.24	91.71	114.64
Robinson district, Mason County	\$57,232	59.62	71.54	83.46	95.39	119.23
Union district, Mason County	\$51,278	53.41	64.10	74.78	85.46	106.83
Waggener district, Mason County	\$34,779	36.23	43.47	50.72	57.97	72.46
<b>McDowell</b>	\$26,072	27.16	32.59	38.02	43.45	54.32
Big Creek district, McDowell County	\$24,688	25.72	30.86	36.00	41.15	51.43
Browns Creek district, McDowell County	\$24,663	25.69	30.83	35.97	41.11	51.38
North Elkin district, McDowell County	\$31,959	33.29	39.95	46.61	53.27	66.58
Sandy River district, McDowell County	\$27,590	28.74	34.49	40.24	45.98	57.48
<b>Mercer</b>	\$40,716	42.41	50.90	59.38	67.86	84.83
District I, Mercer County	\$36,048	37.55	45.06	52.57	60.08	75.10
District II, Mercer County	\$44,071	45.91	55.09	64.27	73.45	91.81
District III, Mercer County	\$41,144	42.86	51.43	60.00	68.57	85.72
<b>Mineral</b>	\$51,723	53.88	64.65	75.43	86.21	107.76
District 1, Mineral County	\$50,583	52.69	63.23	73.77	84.31	105.38
District 2, Mineral County	\$49,922	52.00	62.40	72.80	83.20	104.00
District 3, Mineral County	\$53,750	55.99	67.19	78.39	89.58	111.98
<b>Mingo</b>	\$35,454	36.93	44.32	51.70	59.09	73.86
Beech Ben Mate district, Mingo County	\$27,634	28.79	34.54	40.30	46.06	57.57
Kermit Harvey district, Mingo County	\$35,338	36.81	44.17	51.53	58.90	73.62
Lee district, Mingo County	\$39,388	41.03	49.24	57.44	65.65	82.06
Magnolia district, Mingo County	\$30,313	31.58	37.89	44.21	50.52	63.15
Stafford district, Mingo County	\$42,154	43.91	52.69	61.47	70.26	87.82
Tug Hardee district, Mingo County	\$36,325	37.84	45.41	52.97	60.54	75.68
Williamson district, Mingo County	\$27,267	28.40	34.08	39.76	45.45	56.81
<b>Monongalia</b>	\$54,198	56.46	67.75	79.04	90.33	112.91
Central district, Monongalia County	\$43,545	45.36	54.43	63.50	72.58	90.72
Eastern district, Monongalia County	\$56,628	58.99	70.79	82.58	94.38	117.98
Western district, Monongalia County	\$58,311	60.74	72.89	85.04	97.19	121.48
<b>Monroe</b>	\$44,828	46.70	56.04	65.37	74.71	93.39
Central district, Monroe County	\$37,703	39.27	47.13	54.98	62.84	78.55
Eastern district, Monroe County	\$43,500	45.31	54.38	63.44	72.50	90.63
Western district, Monroe County	\$49,631	51.70	62.04	72.38	82.72	103.40

WEST VIRGINIA MEDIAN HOUSEHOLD INCOME  
2020 CENSUS  
COUNTY & MAGISTERIAL DISTRICTS

<b>Magisterial District</b>	<b>2020 MHI</b>	<b>1.25%</b>	<b>1.50%</b>	<b>1.75%</b>	<b>2.00%</b>	<b>2.50%</b>
<b>Morgan</b>	\$57,116	59.50	71.40	83.29	95.19	118.99
District 1, Morgan County	\$43,813	45.64	54.77	63.89	73.02	91.28
District 2, Morgan County	\$59,213	61.68	74.02	86.35	98.69	123.36
District 3, Morgan County	\$69,643	72.54	87.05	101.56	116.07	145.09
<b>Nicholas</b>	\$40,318	42.00	50.40	58.80	67.20	84.00
Beaver district, Nicholas County	\$39,628	41.28	49.54	57.79	66.05	82.56
Grant district, Nicholas County	\$26,392	27.49	32.99	38.49	43.99	54.98
Hamilton district, Nicholas County	\$45,045	46.92	56.31	65.69	75.08	93.84
Jefferson district, Nicholas County	\$35,278	36.75	44.10	51.45	58.80	73.50
Kentucky district, Nicholas County	\$37,020	38.56	46.28	53.99	61.70	77.13
Summersville district, Nicholas County	\$42,946	44.74	53.68	62.63	71.58	89.47
Wilderness district, Nicholas County	\$44,096	45.93	55.12	64.31	73.49	91.87
<b>Ohio</b>	\$48,056	50.06	60.07	70.08	80.09	100.12
District 1, Ohio County	\$64,075	66.74	80.09	93.44	106.79	133.49
District 2, Ohio County	\$34,227	35.65	42.78	49.91	57.05	71.31
District 3, Ohio County	\$50,934	53.06	63.67	74.28	84.89	106.11
<b>Pendleton</b>	\$46,358	48.29	57.95	67.61	77.26	96.58
Central district, Pendleton County	\$48,350	50.36	60.44	70.51	80.58	100.73
Eastern district, Pendleton County	\$38,750	40.36	48.44	56.51	64.58	80.73
Western district, Pendleton County	\$50,357	52.46	62.95	73.44	83.93	104.91
<b>Pleasants</b>	\$55,508	57.82	69.39	80.95	92.51	115.64
District A, Pleasants County	\$65,457	68.18	81.82	95.46	109.10	136.37
District B, Pleasants County	\$56,463	58.82	70.58	82.34	94.11	117.63
District C, Pleasants County	\$48,191	50.20	60.24	70.28	80.32	100.40
District D, Pleasants County	\$77,386	80.61	96.73	112.85	128.98	161.22
<b>Pocahontas</b>	\$37,642	39.21	47.05	54.89	62.74	78.42
Edray district, Pocahontas County	\$30,543	31.82	38.18	44.54	50.91	63.63
Greenbank district, Pocahontas County	\$38,178	39.77	47.72	55.68	63.63	79.54
Huntersville district, Pocahontas County	\$63,370	66.01	79.21	92.41	105.62	132.02
Little Levels district, Pocahontas County	\$47,768	49.76	59.71	69.66	79.61	99.52
<b>Preston</b>	\$51,992	54.16	64.99	75.82	86.65	108.32
Fifth district, Preston County	\$49,677	51.75	62.10	72.45	82.80	103.49
First district, Preston County	\$54,167	56.42	67.71	78.99	90.28	112.85
Fourth district, Preston County	\$49,205	51.26	61.51	71.76	82.01	102.51
Second district, Preston County	\$57,649	60.05	72.06	84.07	96.08	120.10
Third district, Preston County	\$44,367	46.22	55.46	64.70	73.95	92.43
<b>Putnam</b>	\$63,954	66.62	79.94	93.27	106.59	133.24
District 1, Putnam County	\$50,563	52.67	63.20	73.74	84.27	105.34
District 2, Putnam County	\$79,152	82.45	98.94	115.43	131.92	164.90

WEST VIRGINIA MEDIAN HOUSEHOLD INCOME  
2020 CENSUS  
COUNTY & MAGISTERIAL DISTRICTS

<b>Magisterial District</b>	<b>2020 MHI</b>	<b>1.25%</b>	<b>1.50%</b>	<b>1.75%</b>	<b>2.00%</b>	<b>2.50%</b>
District 3, Putnam County	\$68,599	71.46	85.75	100.04	114.33	142.91
Raleigh	\$43,283	45.09	54.10	63.12	72.14	90.17
District 1, Raleigh County	\$43,343	45.15	54.18	63.21	72.24	90.30
District 2, Raleigh County	\$40,816	42.52	51.02	59.52	68.03	85.03
District 3, Raleigh County	\$44,582	46.44	55.73	65.02	74.30	92.88
Randolph	\$45,206	47.09	56.51	65.93	75.34	94.18
Beverly district, Randolph County	\$50,750	52.86	63.44	74.01	84.58	105.73
Dry Fork district, Randolph County	\$25,804	26.88	32.26	37.63	43.01	53.76
Huttonsville district, Randolph County	\$38,287	39.88	47.86	55.84	63.81	79.76
Leadsville district, Randolph County	\$41,330	43.05	51.66	60.27	68.88	86.10
Middle Fork district, Randolph County	\$40,703	42.40	50.88	59.36	67.84	84.80
Mingo district, Randolph County	\$37,052	38.60	46.32	54.03	61.75	77.19
New Interest district, Randolph County	\$51,667	53.82	64.58	75.35	86.11	107.64
Roaring Creek district, Randolph County	\$48,018	50.02	60.02	70.03	80.03	100.04
Valley Bend district, Randolph County	\$65,625	68.36	82.03	95.70	109.38	136.72
Ritchie	\$44,328	46.18	55.41	64.65	73.88	92.35
Clay district, Ritchie County	\$55,094	57.39	68.87	80.35	91.82	114.78
Grant district, Ritchie County	\$46,486	48.42	58.11	67.79	77.48	96.85
Murphy district, Ritchie County	\$35,304	36.78	44.13	51.49	58.84	73.55
Union district, Ritchie County	\$41,531	43.26	51.91	60.57	69.22	86.52
Roane	\$38,895	40.52	48.62	56.72	64.83	81.03
District I, Roane County	\$38,483	40.09	48.10	56.12	64.14	80.17
District II, Roane County	\$29,778	31.02	37.22	43.43	49.63	62.04
District III, Roane County	\$45,225	47.11	56.53	65.95	75.38	94.22
Summers	\$37,769	39.34	47.21	55.08	62.95	78.69
Bluestone River district, Summers County	\$41,432	43.16	51.79	60.42	69.05	86.32
Greenbrier River district, Summers County	\$34,907	36.36	43.63	50.91	58.18	72.72
New River district, Summers County	\$35,634	37.12	44.54	51.97	59.39	74.24
Taylor	\$52,958	55.16	66.20	77.23	88.26	110.33
Eastern district, Taylor County	\$49,788	51.86	62.24	72.61	82.98	103.73
Tygart district, Taylor County	\$41,808	43.55	52.26	60.97	69.68	87.10
Western district, Taylor County	\$61,250	63.80	76.56	89.32	102.08	127.60
Tucker	\$47,527	49.51	59.41	69.31	79.21	99.01
Black Fork district, Tucker County	\$43,935	45.77	54.92	64.07	73.23	91.53
Clover district, Tucker County	\$41,250	42.97	51.56	60.16	68.75	85.94
Davis district, Tucker County	\$45,833	47.74	57.29	66.84	76.39	95.49
Dry Fork district, Tucker County	\$52,121	54.29	65.15	76.01	86.87	108.59
Fairfax district, Tucker County	\$44,063	45.90	55.08	64.26	73.44	91.80
Licking district, Tucker County	\$50,515	52.62	63.14	73.67	84.19	105.24

WEST VIRGINIA MEDIAN HOUSEHOLD INCOME  
2020 CENSUS  
COUNTY & MAGISTERIAL DISTRICTS

<b>Magisterial District</b>	<b>2020 MHI</b>	<b>1.25%</b>	<b>1.50%</b>	<b>1.75%</b>	<b>2.00%</b>	<b>2.50%</b>
St. George district, Tucker County	\$46,202	48.13	57.75	67.38	77.00	96.25
<b>Tyler</b>	\$47,598	49.58	59.50	69.41	79.33	99.16
Central district, Tyler County	\$46,875	48.83	58.59	68.36	78.13	97.66
North district, Tyler County	\$49,295	51.35	61.62	71.89	82.16	102.70
South district, Tyler County	\$45,590	47.49	56.99	66.49	75.98	94.98
West district, Tyler County	\$45,208	47.09	56.51	65.93	75.35	94.18
<b>Upshur</b>	\$40,802	42.50	51.00	59.50	68.00	85.00
First district, Upshur County	\$41,353	43.08	51.69	60.31	68.92	86.15
Second district, Upshur County	\$38,750	40.36	48.44	56.51	64.58	80.73
Third district, Upshur County	\$42,837	44.62	53.55	62.47	71.40	89.24
<b>Wayne</b>	\$43,710	45.53	54.64	63.74	72.85	91.06
Butler district, Wayne County	\$50,849	52.97	63.56	74.15	84.75	105.94
Ceredo district, Wayne County	\$43,477	45.29	54.35	63.40	72.46	90.58
Stonewall district, Wayne County	\$32,314	33.66	40.39	47.12	53.86	67.32
Union district, Wayne County	\$48,571	50.59	60.71	70.83	80.95	101.19
Westmoreland district, Wayne County	\$52,073	54.24	65.09	75.94	86.79	108.49
<b>Webster</b>	\$33,358	34.75	41.70	48.65	55.60	69.50
Central district, Webster County	\$23,540	24.52	29.43	34.33	39.23	49.04
Northern district, Webster County	\$38,729	40.34	48.41	56.48	64.55	80.69
Southern district, Webster County	\$39,453	41.10	49.32	57.54	65.76	82.19
<b>Wetzel</b>	\$44,539	46.39	55.67	64.95	74.23	92.79
District 1, Wetzel County	\$37,144	38.69	46.43	54.17	61.91	77.38
District 2, Wetzel County	\$51,418	53.56	64.27	74.98	85.70	107.12
District 3, Wetzel County	\$45,303	47.19	56.63	66.07	75.51	94.38
<b>Wirt</b>	\$45,315	47.20	56.64	66.08	75.53	94.41
Central district, Wirt County	\$36,761	38.29	45.95	53.61	61.27	76.59
Northeast district, Wirt County	\$45,750	47.66	57.19	66.72	76.25	95.31
Southwest district, Wirt County	\$47,065	49.03	58.83	68.64	78.44	98.05
<b>Wood</b>	\$48,711	50.74	60.89	71.04	81.19	101.48
Clay district, Wood County	\$58,935	61.39	73.67	85.95	98.23	122.78
Harris district, Wood County	\$64,464	67.15	80.58	94.01	107.44	134.30
Lubeck district, Wood County	\$58,692	61.14	73.37	85.59	97.82	122.28
Parkersburg district, Wood County	\$38,432	40.03	48.04	56.05	64.05	80.07
Slate district, Wood County	\$63,893	66.56	79.87	93.18	106.49	133.11
Steele district, Wood County	\$56,983	59.36	71.23	83.10	94.97	118.71
Tygart district, Wood County	\$40,867	42.57	51.08	59.60	68.11	85.14
Union district, Wood County	\$73,304	76.36	91.63	106.90	122.17	152.72
Walker district, Wood County	\$41,288	43.01	51.61	60.21	68.81	86.02
Williams district, Wood County	\$66,761	69.54	83.45	97.36	111.27	139.09

WEST VIRGINIA MEDIAN HOUSEHOLD INCOME  
2020 CENSUS  
COUNTY & MAGISTERIAL DISTRICTS

<b>Magisterial District</b>	<b>2020 MHI</b>	<b>1.25%</b>	<b>1.50%</b>	<b>1.75%</b>	<b>2.00%</b>	<b>2.50%</b>
Wyoming	\$44,095	45.93	55.12	64.31	73.49	91.86
District 1, Wyoming County	\$42,449	44.22	53.06	61.90	70.75	88.44
District 2, Wyoming County	\$40,907	42.61	51.13	59.66	68.18	85.22
District 3, Wyoming County	\$46,215	48.14	57.77	67.40	77.03	96.28

2020 ACS Tables, U.S. Census Bureau

APPENDIX D1

MEDIAN HOUSEHOLD  
INCOME BY  
MUNICIPALITY

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**WEST VIRGINIA MEDIAN HOUSEHOLD INCOME  
2020 CENSUS  
MUNICIPALITIES**

<b>MUNICIPALITIES</b>	<b>2020 MHI</b>	<b>1.25%</b>	<b>1.50%</b>	<b>1.75%</b>	<b>2.00%</b>	<b>2.50%</b>
Addison (Webster Springs), town	\$22,062	22.98	27.58	32.17	36.77	45.96
Albright, town	\$58,750	61.20	73.44	85.68	97.92	122.40
Alderson , town	\$26,053	27.14	32.57	37.99	43.42	54.28
Anawalt, town	\$22,778	23.73	28.47	33.22	37.96	47.45
Anmoore, town	\$23,100	24.06	28.88	33.69	38.50	48.13
Ansted, town	\$38,261	39.86	47.83	55.80	63.77	79.71
Athens, town	\$52,760	54.96	65.95	76.94	87.93	109.92
Auburn, town (2014)	\$23,000	23.96	28.75	33.54	38.33	47.92
Bancroft, town	\$59,750	62.24	74.69	87.14	99.58	124.48
Barboursville, village	\$57,599	60.00	72.00	84.00	96.00	120.00
Barrackville, town	\$59,333	61.81	74.17	86.53	98.89	123.61
Bath (Berkeley Springs), town	\$42,686	44.46	53.36	62.25	71.14	88.93
Bayard, town	\$27,273	28.41	34.09	39.77	45.46	56.82
Beckley, city	\$42,972	44.76	53.72	62.67	71.62	89.53
Beech Bottom, village	\$42,500	44.27	53.13	61.98	70.83	88.54
Belington, town	\$36,944	38.48	46.18	53.88	61.57	76.97
Belle, town	\$50,972	53.10	63.72	74.33	84.95	106.19
Belmont, city	\$50,083	52.17	62.60	73.04	83.47	104.34
Benwood, city	\$35,685	37.17	44.61	52.04	59.48	74.34
Bethany, town	\$57,500	59.90	71.88	83.85	95.83	119.79
Bethlehem, village	\$71,042	74.00	88.80	103.60	118.40	148.00
Beverly, town	\$28,750	29.95	35.94	41.93	47.92	59.90
Blacksville, town	\$52,917	55.12	66.15	77.17	88.20	110.24
Bluefield, city	\$35,650	37.14	44.56	51.99	59.42	74.27
Bolivar, town	\$77,000	80.21	96.25	112.29	128.33	160.42
Bradshaw, town	\$19,142	19.94	23.93	27.92	31.90	39.88
Bramwell, town	\$49,063	51.11	61.33	71.55	81.77	102.21
Brandonville, town	\$73,250	76.30	91.56	106.82	122.08	152.60
Bridgeport, city	\$84,295	87.81	105.37	122.93	140.49	175.61
Bruceston Mills, town	\$39,306	40.94	49.13	57.32	65.51	81.89
Buckhannon, city	\$42,287	44.05	52.86	61.67	70.48	88.10
Buffalo, town	\$50,568	52.68	63.21	73.75	84.28	105.35
Burnsville, town	\$72,375	75.39	90.47	105.55	120.63	150.78
Cairo, town	\$24,215	25.22	30.27	35.31	40.36	50.45
Camden-on-Gauley, town	\$38,889	40.51	48.61	56.71	64.82	81.02
Cameron, city	\$24,167	25.17	30.21	35.24	40.28	50.35
Capon Bridge, town	\$57,734	60.14	72.17	84.20	96.22	120.28
Carpendale, town	\$70,172	73.10	87.72	102.33	116.95	146.19
Cedar Grove, town	\$52,313	54.49	65.39	76.29	87.19	108.99

**WEST VIRGINIA MEDIAN HOUSEHOLD INCOME  
2020 CENSUS  
MUNICIPALITIES**

<b>MUNICIPALITIES</b>	<b>2020 MHI</b>	<b>1.25%</b>	<b>1.50%</b>	<b>1.75%</b>	<b>2.00%</b>	<b>2.50%</b>
Ceredo, city	\$36,731	38.26	45.91	53.57	61.22	76.52
Chapmanville, town	\$30,337	31.60	37.92	44.24	50.56	63.20
Charleston, city	\$49,769	51.84	62.21	72.58	82.95	103.69
Charles Town, city	\$77,552	80.78	96.94	113.10	129.25	161.57
Chesapeake, town	\$40,650	42.34	50.81	59.28	67.75	84.69
Chester, city	\$47,993	49.99	59.99	69.99	79.99	99.99
Clarksburg, city	\$41,226	42.94	51.53	60.12	68.71	85.89
Clay, town	\$17,708	18.45	22.14	25.82	29.51	36.89
Clearview, village	\$69,643	72.54	87.05	101.56	116.07	145.09
Clendenin, town	\$42,778	44.56	53.47	62.38	71.30	89.12
Cowen, town	\$27,813	28.97	34.77	40.56	46.36	57.94
Danville, town	\$43,125	44.92	53.91	62.89	71.88	89.84
Davis, town	\$42,019	43.77	52.52	61.28	70.03	87.54
Davy, town	\$28,750	29.95	35.94	41.93	47.92	59.90
Delbarton, town	\$28,140	29.31	35.18	41.04	46.90	58.63
Dunbar, city	\$39,688	41.34	49.61	57.88	66.15	82.68
Durbin, town	\$47,917	49.91	59.90	69.88	79.86	99.83
East Bank, town	\$46,645	48.59	58.31	68.02	77.74	97.18
Eleanor, town	\$64,625	67.32	80.78	94.24	107.71	134.64
Elizabeth, town	\$23,098	24.06	28.87	33.68	38.50	48.12
Elk Garden, town	\$41,250	42.97	51.56	60.16	68.75	85.94
Elkins, city	\$38,910	40.53	48.64	56.74	64.85	81.06
Ellenboro, town	\$50,625	52.73	63.28	73.83	84.38	105.47
Fairmont, city	\$45,540	47.44	56.93	66.41	75.90	94.88
Fairview, town	\$54,265	56.53	67.83	79.14	90.44	113.05
Falling Spring, town	\$38,750	40.36	48.44	56.51	64.58	80.73
Farmington, town	\$66,000	68.75	82.50	96.25	110.00	137.50
Fayetteville, town	\$52,083	54.25	65.10	75.95	86.81	108.51
Flatwoods, town	\$42,411	44.18	53.01	61.85	70.69	88.36
Flemington, town	\$56,250	58.59	70.31	82.03	93.75	117.19
Follansbee, city	\$41,870	43.61	52.34	61.06	69.78	87.23
Fort Gay, town	\$18,667	19.44	23.33	27.22	31.11	38.89
Franklin, town	\$57,857	60.27	72.32	84.37	96.43	120.54
Friendly, town	\$26,667	27.78	33.33	38.89	44.45	55.56
Gary, city	\$32,663	34.02	40.83	47.63	54.44	68.05
Gassaway, town	\$53,073	55.28	66.34	77.40	88.46	110.57
Gauley Bridge, town	\$27,313	28.45	34.14	39.83	45.52	56.90
Gilbert, town	\$42,917	44.71	53.65	62.59	71.53	89.41
Glasgow, town	\$49,412	51.47	61.77	72.06	82.35	102.94
Glen Dale, city	\$64,779	67.48	80.97	94.47	107.97	134.96
Glenville, town	\$31,779	33.10	39.72	46.34	52.97	66.21

**WEST VIRGINIA MEDIAN HOUSEHOLD INCOME  
2020 CENSUS  
MUNICIPALITIES**

<b>MUNICIPALITIES</b>	<b>2020 MHI</b>	<b>1.25%</b>	<b>1.50%</b>	<b>1.75%</b>	<b>2.00%</b>	<b>2.50%</b>
Grafton, city	\$34,555	35.99	43.19	50.39	57.59	71.99
Grantsville, town	\$28,750	29.95	35.94	41.93	47.92	59.90
Grant Town, town	\$45,352	47.24	56.69	66.14	75.59	94.48
Granville, town	\$27,457	28.60	34.32	40.04	45.76	57.20
Hambleton, town	\$35,000	36.46	43.75	51.04	58.33	72.92
Hamlin, town	\$36,136	37.64	45.17	52.70	60.23	75.28
Handley, town	\$45,923	47.84	57.40	66.97	76.54	95.67
Harman, town	\$22,788	23.74	28.49	33.23	37.98	47.48
Harpers Ferry, town	\$94,914	98.87	118.64	138.42	158.19	197.74
Harrisville, town	\$36,161	37.67	45.20	52.73	60.27	75.34
Hartford City, town	\$50,245	52.34	62.81	73.27	83.74	104.68
Hedgesville, town	\$70,813	73.76	88.52	103.27	118.02	147.53
Henderson, town	\$20,179	21.02	25.22	29.43	33.63	42.04
Hendricks, town	\$43,409	45.22	54.26	63.30	72.35	90.44
Hillsboro, town	\$20,833	21.70	26.04	30.38	34.72	43.40
Hinton, city	\$35,042	36.50	43.80	51.10	58.40	73.00
Hundred, town	\$35,208	36.68	44.01	51.35	58.68	73.35
Huntington, city	\$33,012	34.39	41.27	48.14	55.02	68.78
Hurricane, city	\$62,308	64.90	77.89	90.87	103.85	129.81
Huttonsville, town (2015)	\$27,396	28.54	34.25	39.95	45.66	57.08
laeger, town	\$39,063	40.69	48.83	56.97	65.11	81.38
Jane Lew, town	\$45,944	47.86	57.43	67.00	76.57	95.72
Junior, town	\$25,000	26.04	31.25	36.46	41.67	52.08
Kenova, city	\$29,921	31.17	37.40	43.63	49.87	62.34
Kermit, town	\$28,750	29.95	35.94	41.93	47.92	59.90
Keyser, city	\$44,679	46.54	55.85	65.16	74.47	93.08
Keystone, city (2015)	\$22,125	23.05	27.66	32.27	36.88	46.09
Kimball, town	\$48,750	50.78	60.94	71.09	81.25	101.56
Kingwood, city	\$54,190	56.45	67.74	79.03	90.32	112.90
Leon, town (2015)	\$31,786	33.11	39.73	46.35	52.98	66.22
Lester, town	\$26,202	27.29	32.75	38.21	43.67	54.59
Lewisburg, city	\$31,851	33.18	39.81	46.45	53.09	66.36
Logan, city	\$40,980	42.69	51.23	59.76	68.30	85.38
Lost Creek, town	\$50,750	52.86	63.44	74.01	84.58	105.73
Lumberport, town	\$62,578	65.19	78.22	91.26	104.30	130.37
Mabscott, town	\$33,021	34.40	41.28	48.16	55.04	68.79
McMechen, city	\$36,915	38.45	46.14	53.83	61.53	76.91
Madison, city	\$40,938	42.64	51.17	59.70	68.23	85.29
Man, town	\$53,125	55.34	66.41	77.47	88.54	110.68
Mannington, city	\$54,605	56.88	68.26	79.63	91.01	113.76
Marlinton, town	\$31,400	32.71	39.25	45.79	52.33	65.42

**WEST VIRGINIA MEDIAN HOUSEHOLD INCOME  
2020 CENSUS  
MUNICIPALITIES**

<b>MUNICIPALITIES</b>	<b>2020 MHI</b>	<b>1.25%</b>	<b>1.50%</b>	<b>1.75%</b>	<b>2.00%</b>	<b>2.50%</b>
Marmet, city	\$41,875	43.62	52.34	61.07	69.79	87.24
Martinsburg, city	\$44,363	46.21	55.45	64.70	73.94	92.42
Mason, town	\$27,500	28.65	34.38	40.10	45.83	57.29
Masontown, town	\$34,704	36.15	43.38	50.61	57.84	72.30
Matewan, town	\$16,176	16.85	20.22	23.59	26.96	33.70
Matoaka, town	\$40,000	41.67	50.00	58.33	66.67	83.33
Meadow Bridge, town	\$30,536	31.81	38.17	44.53	50.89	63.62
Middlebourne, town	\$43,929	45.76	54.91	64.06	73.22	91.52
Mill Creek, town	\$39,352	40.99	49.19	57.39	65.59	81.98
Milton, town	\$35,145	36.61	43.93	51.25	58.58	73.22
Mitchell Heights, town	\$66,406	69.17	83.01	96.84	110.68	138.35
Monongah, town	\$48,750	50.78	60.94	71.09	81.25	101.56
Montgomery, city	\$27,045	28.17	33.81	39.44	45.08	56.34
Montrose, town	\$66,250	69.01	82.81	96.61	110.42	138.02
Moorefield, town	\$44,299	46.14	55.37	64.60	73.83	92.29
Morgantown, city	\$42,474	44.24	53.09	61.94	70.79	88.49
Moundsville, city	\$33,399	34.79	41.75	48.71	55.67	69.58
Mount Hope, city	\$29,444	30.67	36.81	42.94	49.07	61.34
Mullens, city	\$50,688	52.80	63.36	73.92	84.48	105.60
Newburg, town	\$41,853	43.60	52.32	61.04	69.76	87.19
New Cumberland, city	\$30,078	31.33	37.60	43.86	50.13	62.66
New Haven, town	\$39,295	40.93	49.12	57.31	65.49	81.86
New Martinsville, city	\$45,303	47.19	56.63	66.07	75.51	94.38
Nitro, city	\$43,564	45.38	54.46	63.53	72.61	90.76
Northfork, town	\$20,750	21.61	25.94	30.26	34.58	43.23
North Hills, town	\$114,861	119.65	143.58	167.51	191.44	239.29
Nutter Fort, town	\$50,598	52.71	63.25	73.79	84.33	105.41
Oak Hill, city	\$43,083	44.88	53.85	62.83	71.81	89.76
Oakvale, town (2014)	\$21,354	22.24	26.69	31.14	35.59	44.49
Oceana, town	\$40,000	41.67	50.00	58.33	66.67	83.33
Paden City, city	\$50,739	52.85	63.42	73.99	84.57	105.71
Parkersburg, city	\$37,933	39.51	47.42	55.32	63.22	79.03
Parsons, city	\$42,109	43.86	52.64	61.41	70.18	87.73
Paw Paw, town	\$53,074	55.29	66.34	77.40	88.46	110.57
Pax, town (2015)	\$33,625	35.03	42.03	49.04	56.04	70.05
Pennsboro, city	\$41,673	43.41	52.09	60.77	69.46	86.82
Petersburg, city	\$40,387	42.07	50.48	58.90	67.31	84.14
Peterstown, town	\$40,868	42.57	51.09	59.60	68.11	85.14
Philippi, city	\$36,371	37.89	45.46	53.04	60.62	75.77
Piedmont, town	\$35,250	36.72	44.06	51.41	58.75	73.44
Pine Grove, town	\$53,438	55.66	66.80	77.93	89.06	111.33

**WEST VIRGINIA MEDIAN HOUSEHOLD INCOME  
2020 CENSUS  
MUNICIPALITIES**

<b>MUNICIPALITIES</b>	<b>2020 MHI</b>	<b>1.25%</b>	<b>1.50%</b>	<b>1.75%</b>	<b>2.00%</b>	<b>2.50%</b>
Pineville, town	\$60,938	63.48	76.17	88.87	101.56	126.95
Pleasant Valley, city	\$53,994	56.24	67.49	78.74	89.99	112.49
Poca, town	\$59,167	61.63	73.96	86.29	98.61	123.26
Point Pleasant, city	\$42,927	44.72	53.66	62.60	71.55	89.43
Pratt, town	\$54,722	57.00	68.40	79.80	91.20	114.00
Princeton, city	\$41,925	43.67	52.41	61.14	69.88	87.34
Pullman, town	\$48,125	50.13	60.16	70.18	80.21	100.26
Quinwood, town (2015)	\$24,063	25.07	30.08	35.09	40.11	50.13
Rainelle, town	\$29,536	30.77	36.92	43.07	49.23	61.53
Ranson Town, corporation of	\$69,544	72.44	86.93	101.42	115.91	144.88
Ravenswood, city	\$37,012	38.55	46.27	53.98	61.69	77.11
Reedsville, town	\$47,614	49.60	59.52	69.44	79.36	99.20
Reedy, town	\$28,125	29.30	35.16	41.02	46.88	58.59
Rhodell, town (2015)	\$37,813	39.39	47.27	55.14	63.02	78.78
Richwood, city	\$27,327	28.47	34.16	39.85	45.55	56.93
Ridgeley, town	\$32,813	34.18	41.02	47.85	54.69	68.36
Ripley, city	\$34,107	35.53	42.63	49.74	56.85	71.06
Rivesville, town	\$58,458	60.89	73.07	85.25	97.43	121.79
Romney, city	\$32,880	34.25	41.10	47.95	54.80	68.50
Ronceverte, city	\$43,482	45.29	54.35	63.41	72.47	90.59
Rowlesburg, town	\$39,306	40.94	49.13	57.32	65.51	81.89
Rupert, town	\$26,989	28.11	33.74	39.36	44.98	56.23
St. Albans, city	\$50,969	53.09	63.71	74.33	84.95	106.19
St. Marys, city	\$49,836	51.91	62.30	72.68	83.06	103.83
Salem, city	\$40,114	41.79	50.14	58.50	66.86	83.57
Sand Fork, town	\$52,857	55.06	66.07	77.08	88.10	110.12
Shepherdstown, town	\$80,610	83.97	100.76	117.56	134.35	167.94
Shinnston, city	\$59,215	61.68	74.02	86.36	98.69	123.36
Sistersville, city	\$40,125	41.80	50.16	58.52	66.88	83.59
Smithers, city	\$40,135	41.81	50.17	58.53	66.89	83.61
Smithfield, town	\$15,000	15.63	18.75	21.88	25.00	31.25
Sophia, town	\$28,255	29.43	35.32	41.21	47.09	58.86
South Charleston, city	\$51,021	53.15	63.78	74.41	85.04	106.29
Spencer, city	\$21,139	22.02	26.42	30.83	35.23	44.04
Star City, town	\$51,450	53.59	64.31	75.03	85.75	107.19
Stonewood, city	\$45,236	47.12	56.55	65.97	75.39	94.24
Summersville, town	\$43,287	45.09	54.11	63.13	72.15	90.18
Sutton, town	\$40,469	42.16	50.59	59.02	67.45	84.31
Sylvester, town	\$56,000	58.33	70.00	81.67	93.33	116.67
Terra Alta, town	\$40,774	42.47	50.97	59.46	67.96	84.95
Thomas, city	\$51,429	53.57	64.29	75.00	85.72	107.14

**WEST VIRGINIA MEDIAN HOUSEHOLD INCOME  
2020 CENSUS  
MUNICIPALITIES**

<b>MUNICIPALITIES</b>	<b>2020 MHI</b>	<b>1.25%</b>	<b>1.50%</b>	<b>1.75%</b>	<b>2.00%</b>	<b>2.50%</b>
Thurmond, town (2000)	\$23,750	24.74	29.69	34.64	39.58	49.48
Triadelphia, town	\$50,119	52.21	62.65	73.09	83.53	104.41
Tunnelton, town	\$48,571	50.59	60.71	70.83	80.95	101.19
Union, town	\$26,151	27.24	32.69	38.14	43.59	54.48
Valley Grove, village	\$32,750	34.11	40.94	47.76	54.58	68.23
Vienna, city	\$55,181	57.48	68.98	80.47	91.97	114.96
War, city	\$16,563	17.25	20.70	24.15	27.61	34.51
Wardensville, town	\$42,500	44.27	53.13	61.98	70.83	88.54
Wayne, town	\$24,000	25.00	30.00	35.00	40.00	50.00
Weirton, city	\$50,822	52.94	63.53	74.12	84.70	105.88
Welch, city	\$25,227	26.28	31.53	36.79	42.05	52.56
Wellsburg, city	\$43,152	44.95	53.94	62.93	71.92	89.90
West Hamlin, town	\$33,646	35.05	42.06	49.07	56.08	70.10
West Liberty, town (2014)	\$27,708	28.86	34.64	40.41	46.18	57.73
West Logan, town	\$33,542	34.94	41.93	48.92	55.90	69.88
West Milford, town	\$53,750	55.99	67.19	78.39	89.58	111.98
Weston, city	\$36,728	38.26	45.91	53.56	61.21	76.52
Westover, city	\$51,304	53.44	64.13	74.82	85.51	106.88
West Union, town	\$68,839	71.71	86.05	100.39	114.73	143.41
Wheeling, city	\$41,911	43.66	52.39	61.12	69.85	87.31
White Hall, town	\$63,250	65.89	79.06	92.24	105.42	131.77
White Sulphur Springs, city	\$32,125	33.46	40.16	46.85	53.54	66.93
Whitesville, town	\$20,313	21.16	25.39	29.62	33.86	42.32
Williamson, city	\$25,707	26.78	32.13	37.49	42.85	53.56
Williamstown, city	\$71,442	74.42	89.30	104.19	119.07	148.84
Windsor Heights, village	\$37,750	39.32	47.19	55.05	62.92	78.65
Winfield, town	\$69,432	72.33	86.79	101.26	115.72	144.65
Womelsdorf (Coalton), town	\$41,250	42.97	51.56	60.16	68.75	85.94
Worthington, town	\$20,750	21.61	25.94	30.26	34.58	43.23

APPENDIX E

UNEMPLOYMENT  
DATA

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**Labor Force Data by County  
2022**

County	Percentage
Barbour	4.4
Berkeley	2.7
Boone	4.9
Braxton	6.9
Brooke	5.1
Cabell	3.5
Calhoun	10.8
Clay	6.5
Doddridge	3.2
Fayette	5.0
Gilmer	5.6
Grant	3.8
Greenbrier	3.7
Hampshire	2.5
Hancock	5.1
Hardy	4.3
Harrison	3.8
Jackson	4.6
Jefferson	2.3
Kanawha	3.9
Lewis	5.6
Lincoln	5.4
Logan	4.8
McDowell	4.3
Marion	5.9
Marshall	4.4
Mason	6.4
Mercer	4.8
Mineral	3.8
Mingo	6.8
Monongalia	3.2
Monroe	2.9
Morgan	2.7
Nicholas	5.0
Ohio	4.2
Pendleton	2.6
Pleasants	6.0
Pocahontas	3.5
Preston	3.9
Putnam	3.3
Raleigh	3.9
Randolph	4.9
Ritchie	4.4
Roane	8.0
Summers	3.8
Taylor	4.0
Tucker	4.7
Tyler	6.7
Upshur	5.1
Wayne	4.1
Webster	5.2
Wetzel	5.9
Wirt	7.2
Wood	4.3
Wyoming	4.1
WV	4.0

Source: from [www.workforcewv.org](http://www.workforcewv.org)



APPENDIX F

POPULATION  
DATA

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## Population Data

County	2015	2020	delta	% Change
	Estimate	Estimate		*red reflects negative
Barbour	16,731	16,543	188	1.12
Berkeley	108,724	117,615	8,891	8.18
Boone	24,000	21,897	2,103	8.76
Braxton	14,466	14,032	434	3.00
Brooke	23,665	22,162	1,503	6.35
Cabell	96,824	93,328	3,496	3.61
Calhoun	7,557	7,185	372	4.92
Clay	9,141	8,599	542	5.93
Doddridge	8,201	8,499	298	3.63
Fayette	45,534	43,087	2,447	5.37
Gilmer	8,644	7,970	674	7.80
Grant	11,815	11,565	250	2.12
Greenbrier	35,666	34,893	773	2.17
Hampshire	23,542	23,304	238	1.01
Hancock	30,201	29,118	1,083	3.59
Hardy	13,936	13,789	147	1.05
Harrison	68,998	67,620	1,378	2.00
Jackson	29,256	28,793	463	1.58
Jefferson	55,214	56,922	1,708	3.09
Kanawha	190,781	181,014	9,767	5.12
Lewis	16,434	16,024	410	2.49
Lincoln	21,560	20,617	943	4.37
Logan	35,760	32,593	3,167	8.86
McDowell	20,802	18,083	2,719	13.07
Marion	56,790	56,233	557	0.98
Marshall	32,480	30,900	1,580	4.86
Mason	27,177	26,700	477	1.76
Mercer	61,891	59,370	2,521	4.07
Mineral	27,755	27,047	708	2.55
Mingo	25,931	23,808	2,123	8.19
Monongalia	101,668	106,196	4,528	4.45
Monroe	13,525	13,344	181	1.34
Morgan	17,475	17,800	325	1.86
Nicholas	25,930	24,857	1,073	4.14
Ohio	43,637	41,875	1,762	4.04
Pendleton	7,402	6,968	434	5.86
Pleasants	7,636	7,457	179	2.34
Pocahontas	8,697	8,382	315	3.62
Preston	33,809	33,610	199	0.59
Putnam	56,596	56,604	8	0.01
Raleigh	78,493	74,452	4,041	5.15
Randolph	29,365	28,763	602	2.05
Ritchie	10,140	9,747	393	3.88
Roane	14,636	13,831	805	5.50
Summers	13,544	12,710	834	6.16
Taylor	16,977	16,817	160	0.94
Tucker	6,972	6,943	29	0.42
Tyler	9,033	8,736	297	3.29
Upshur	24,560	24,451	109	0.44
Wayne	41,499	39,952	1,547	3.73
Webster	8,927	8,289	638	7.15
Wetzel	16,157	15,291	866	5.36
Wirt	5,841	5,764	77	1.32
Wood	86,559	84,387	2,172	2.51
Wyoming	22,866	20,890	1,976	8.64

Source: [https://data.census.gov/cedsci/table?g=0400000US54%240500000\\_0500000US54039&tid=ACSST5Y2020.S0101&t=p=true](https://data.census.gov/cedsci/table?g=0400000US54%240500000_0500000US54039&tid=ACSST5Y2020.S0101&t=p=true)

APPENDIX G

SOURCES AND USES  
CHART  
(FOR EPA USE ONLY)

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West Virginia Drinking Water Treatment Revolving Fund  
Intended Use Plan - Sources and Uses of Funds  
(for EPA use only)

**Cumulative Sources as of December 31, 2022**

Capitalization Grants (34)	\$ 257,578,782	
State Match	\$ 47,602,157	
BIL Capitalization Grants	\$ 17,992,000	
BIL State Match	\$ 1,799,200	
Emerging Contaminants Grants	\$ 7,555,000	
Lead Service Line Grants	\$ 28,350,000	
10% Set-Aside State Match	\$ 16,714,100	
Repayments (P + I)	\$ 102,041,151	
Investment Earnings	\$ 5,259,886	2021
Sources sub-total (a)	\$ 484,892,276	

**Cumulative Uses as of December 31, 2022**

Project Loan Assistance	\$ 296,916,766	
Technical Assistance (2%)	\$ 4,693,931	
Program Administration (4%)	\$ 7,963,119	
Program Management (State & Federal 10%)	\$ 38,632,798	
Local Assistance (15%)	\$ 28,923,480	
Uses sub-total (b)	\$ 309,573,816	

**FY2023 Sources of Funds**

Available funds from prior IUPs (a - b)	\$ 175,318,460	
Base Capitalization Grant (FFY2023 Funds)	\$ 4,938,000	
Base State Match	\$ 987,600	
BIL Capitalization Grant #2 (FFY 2023 Funds)	\$ 21,055,000	
BIL State Match	\$ 2,105,500	
Emerging Contaminants Grant	\$ 7,640,000	
Lead Service Line Replacement Grant	\$ 28,650,000	
Earnings (estimate)	\$ 2,319,009	
Repayments (estimate)	\$ 9,927,865	
Sources of Funds ( c )	\$ 252,941,434	

**Less**

Appendix B Projects	\$ 224,078,487	
Loan Closings Between 12/31/2022 - 6/30/23	\$ 18,110,390	
Technical Assistance (2%)	\$ 994,100	
DWTRF Administrative Expenses (4%)	\$ -	
Program Management (State & Federal 10%)	\$ 2,994,507	
Local Assistance (15%)	\$ 6,763,950	
Total	\$ 252,941,434	