

Funded

MCWD

Ranking Project Name

Pnum Project Cost Application Project Description

1	Service Debt	WX21159029	\$ 3,525,181	KY Wwaters	To pay off existing debt the water district has.
2	Tank Inspections and Painting	WX21159033	\$ 939,550	KY Wwaters	System Tanks needed inspected and money needed for repairs after inspections -2K per tank 20K - another 50K for paint - 30K for repairs
3	Trucks / Equipment (Water)	WX21159032	\$ 535,000	KY Wwaters	This would allow the district to purchase a crane truck to be used to help set pumps and motors. It also calls for the replacement of an excavator and trucks that are already past their replacement cost.
4	Water System Controls and Raw Water Modifications Phase III	WX21159017	\$ 3,842,150	KY Wwaters	This project would include rehabbing clarifier number 2, doing site work at the raw water intake and replacing some water main and service lines in the distribution system. Valve work at Reservoir
5	292 Booster Station & Water Line Replacement	WX21159034	\$ 1,179,900	KY Wwaters	This would be replacing an underground pump station with above ground which prevents the station from flooding. This would include installing a flow meter which would help with water loss program. Project would also include adding redundancy to the booster station.
6	Davella Road Pump Station and Line Replacement	WX21159035	\$ 7,961,450	KY Wwaters	One working pump, needs new control panel and system, new gauges - New Building. Line replacement from Devella road to pump station
7	Brown Water Corrective Action	WX211590XX	\$ 3,500,000	Not in WRIS; Value Estimated	Address raw water LSI influence on WWTP and distribution system to include new chemical feed systems and controls.
8	Coldwater Line Replacement Phase II	WX211590XX	\$ 3,419,000	Not in WRIS; Value Estimated	This would complete the improvement project to eliminate multiple main lines and have all the customers connected to one water main. Current jumpers are in place which makes water loss impossible to manage. This also adds additional water main valves which will help isolate leaks and control water loss.
9	Fire and Flush Hydrants Install / Replacement	WX211590XX	\$ 1,000,000	Not in WRIS; Value Estimated	Inspect, replace and repair existing and install new as needed to perform effective flush program and provide adequate fire protection.
10	Inez Water Line & Valve Replacement	WX21159027	\$ 5,000,000	In WRIS; Value Estimated	This line and replacement project would address one of the oldest sections of infrastructure in the system. The line is AC and needs to be replaced. This project would also replace valves in the system that are currently not operational and install new valves to help better isolate the system.
11	Old Rt. 3 - Water improvement Project Phase II	WX211590XX	\$ 3,492,465	Not in WRIS; Value Estimated	Phase II project will include replacing approximately 10,000 lf of 6 inch waterline along Old Rte 3 between West Main Street and 1907 Rockcastle Road, including water valves, hydrants, and relocating existing water meters to the right of way. The project also includes replacing the creek crossing to Marcum Town Road
12	Water District Facilities Project	WX211590XX	\$ 4,500,000	Not in WRIS; Value Estimated	Purchase property and construct District offices and shop. District currently rents to spaces and our operations is spread out all over the county.
13	Buffalo Horn Water Line Replacement & Booster Station Rehab	WX211590XX	\$ 2,186,000	Not in WRIS; Value Estimated	This would be replacing an underground pump station with above ground which prevents the station from flooding. This would include installing a flow meter which would help with water loss program. Project would also include adding redundancy to the pump station.
14	WTP to Turkey Tank Water Line Replacement	WX21159026	\$ 6,822,000	In WRIS; Value Estimated	This project would be replacing aging infrastructure where we have routine water leaks. It also would include adding additional valves and meters to help with the water loss program.
15	Meathouse Water Line Replacement & Booster Station Rehab	WX211590XX	\$ 7,652,000	Not in WRIS; Value Estimated	This project would address redundancy issues in the pump station as well as replacing the water mains in the service area. This area is also prone to power outages and this would provide back up power and improve the communication to the SCADA system.
16	Big Elk Water Line Replacement & Booster Station Rehab	WX211590XX	\$ 2,433,000	Not in WRIS; Value Estimated	This would be replacing an underground pump station with above ground which prevents the station from flooding. This would include installing a flow meter which would help with water loss program. Project would also include adding redundancy to the pump station.

17	Redundancy Turkey Creek Pump	WX211590XX	\$ 100,000	Not in WRIS; Value Estimated	Currently only one pump - this feeds from WTP
18	On-line Monitoring Equipment/SCADA Upgrades	WX211590XX	\$ 500,000	Not in WRIS; Value Estimated	The current SCADA system has limitations. This will upgrade and allow for better communications.
19	Copper Sulfate Feed System at Reservoir	WX211590XX	\$ 100,000	Not in WRIS; Value Estimated	Provides the ability to treat the source water at the reservoir.
20	Hode Water Line Replacement	WX211590XX	\$ 5,226,000	Not in WRIS; Value Estimated	Replace all main and service lines within the pressure zone.
21	Peter Cave Water Line Replacement & Booster Station Rehab	WX211590XX	\$ 1,457,000	Not in WRIS; Value Estimated	This would be replacing an underground pump station with above ground which prevents the station from flooding. This would include installing a flow meter which would help with water loss program. Project would also include adding redundancy to the pump station.
22	Big Lick Water Line Replacement & Booster Station Rehab	WX211590XX	\$ 1,877,000	Not in WRIS; Value Estimated	The existing station has only one functional pump. This project would add redundancy and also address the SCADA and communication issues within the pressure zone.
23	Creek Crossing Replacement	WX211590XX	\$ 1,000,000	Not in WRIS; Value Estimated	This project would be to bore new water mains through the major creek crossings in the distribution system.
24	Cassell Branch Water Line Replacement & Booster Station Rehab	WX211590XX	\$ 1,574,000	Not in WRIS; Value Estimated	This project would be to add redundancy to the existing pump station. Also would be used to add SCADA and communication to the tank.
25	Spicy Mountain Water Line Extension	WX21159030	\$ 4,200,000	In WRIS; Value Estimated	Run water to 6 customers, new tanks and tie into Paintsville Water System
26	Wolf Creek/Pigeon Roost Water Line Replacement	WX211590XX	\$ 1,315,000	Not in WRIS; Value Estimated	This area has been prone to multiple line breaks yearly. This would be to replace the poorly constructed water lines.
27	High School Pump Station Check Valve	WX211590XX	\$ 81,000	Not in WRIS; Value Estimated	This would give the system the possibility of providing water to other parts of the system with altitude and check valves.
28	Sludge Management WTP	WX211590XX	\$ 500,000	Not in WRIS; Value Estimated	Build press building for sludge management at water plant
29	Distribution Building and Pipe Yard	WX211590XX	\$ 500,000	Not in WRIS; Value Estimated	Currently staff is working out of old trailer and has no where to store parts.
30	Kermit Tie-In	WX211590XX	\$ 250,000	Not in WRIS; Value Estimated	This project would reestablish the tie in to the Kermit water system which creates an emergency feed for both systems.
31	645 Water Line Replacement & Booster Station Rehab	WX211590XX	\$ 1,255,000	Not in WRIS; Value Estimated	This would be replacing an underground pump station with above ground which prevents the station from flooding. This would include installing a flow meter which would help with water loss program. Project would also include adding redundancy to the pump station.
32	Water Plant High Service Pump Replacement	WX211590XX	\$ 850,000	Not in WRIS; Value Estimated	This would be to replace the current high service pumps in the Inez water plant. The pumps have not been pulled in years and are quickly approaching their run life. The would include a contractor replacing in place.
33	Water Distribution System Improvements	WX211590XX	\$ 1,500,000	Not in WRIS; Value Estimated	This project would be to install valves throughout the system to help with the water loss program. It also includes adding new valves on the pier at the reservoir and a tie in at 292 to Big Elk water mains.
34	Old Rt. 3 - Water improvement Project Phase III	WX211590XX	\$ 3,493,579	Not in WRIS; Value Estimated	Phase III project will include replacing approximately 10,500 lf of six inch waterline along Old Route 3 from 1907 Rockcastle Road to 1000 feet west of the Milo Road intersection including water valves, hydrants, and relocating existing water meters to the right of way.
35	Old Rt. 3 - Water improvement Project Phase IV	WX211590XX	\$ 3,487,111	Not in WRIS; Value Estimated	Phase IV project will include replacing approximately 10,350 lf of six inch waterline along Old Route 3 from 1000 feet west of Milo Road intersection to 550 feet east of Little Fork Road, excluding a section recently replaced by the MCWD, including water valves, hydrants, and relocating existing water meters to the right of way.

Funded	Old Rt. 3 - Water improvement Project Phase I	WX21159024	\$ 2,533,000	AML	The Phase 1 project will include removing the 3" waterline between Hammond Loop and Grassy School, improvements on Mudford Road and Petercave Branch Road, and a booster pump station on Petercave Branch Road.
Funded	Martin County Water System Master Plan	WX21159031	\$ 250,000	DGL	The district needs a comprehensive evaluation of the entire system. This would help determine the long term solution for the raw intake, treatment plant needs, tanks, and distribution lines. This study would also determine the long term sludge disposal from the water treatment plant.
Funded	FEMA Backup Generators	WX21159015	\$ 1,320,000	FEMA	This is the purchase of new generators at 40E and 40W pump stations, Raw Water Intake, and a portable generator for other locations as needed. The District borrowed the money from KaCO to pay for the project until FEMA reimburses the District.
Funded	Otto Brown Booster Station, Line Replacement to Middle fork Tank, Davella Booster Station Upgrade	WX21159008	\$ 2,000,000	AML	This project would allow the water system to be able to match the capacity of water being sent to the prison. Currently when the Davella pump station is running, it out pumps the Otto Brown pump station and drops the tank. This would also give the station redundancy with multiple pumps pumping to all tanks. Currently only one pump is in the pump station.
Funded	Coldwater Line Replacement Phase I	WX21159023	\$ 5,000,000	HUD	This improvement project would eliminate multiple main lines and have all the customers connected to one water main. Current jumpers are in place which makes water loss impossible to manage. This also adds additional water main valves which will help isolate leaks and control water loss.
Funded	Rt. 40E - Water Improvement Project Phase I	WX21159019	\$ 800,000	AML	This improvement project would eliminate multiple main lines and have all the customers connected to one water main. Current jumpers are in place which makes water loss impossible to manage. This also adds additional water main valves which will help isolate leaks and control water loss.
Funded	Recoat/Repair - 50K Gallon Turkey Water Storage Tank	WX21159025	\$ 681,000	AML	This includes repairing tank deficiencies and installing security measures

Total Capital Funds Needed \$ 99,837,386

Projects Already Funded \$ 12,584,000

Funds Needed \$ 87,253,386