

MCSD Ranking	Project Name	PNum	Project Cost	Application	Project Description
			Funded		
1	Trucks/Equipment (Sewer)	SX21159022	\$ 535,000	No Funding App	This would allow the district to purchase a new pump trailer/jetter combo unit and a new camera system to perform line inspections. It also includes the replacement of a few pickup trucks which are past their service life.
2	Coldwater Sewer Rehabilitation	SX21159027	\$ 1,369,000	No Funding App	The project will replace the existing undersized 6-inch sanitary sewer that provides service to the Sheldon Clark High School, Inez. KY. The project includes approximately 3,200 liner feet of 8-inch gravity sewer PVC SDR-35 pipe, 8 manholes, and 300-feet of 16-inch steel casing pipe to be bore and jack under KY 545 and KY40.
3	Downtown Sewer Line Replacement	SX21159031	\$ 7,102,000	No Funding App	The project will replace a portion of the existing community centralized septic tank system and convert the system to a conventional gravity sewer system. The proposed project will extend from the Inez WWTP to near the intersection of West Main Street and Cardinal Lane. Approximately 140 customers along Main Street, Board Walk, Holy Street, Court Street and Wickerfield Road will be impacted. The project is envisioned to include 12,000-feet of 8-inch to 12-inch SDR 35 gravity sewers, approximately 50 manholes, 450-feet of casing pipe, and customer lateral connections. The project is envisioned in conjunction with WX21159027 - Inez Waterline Replacement to minimize the costs associated with pavement repairs.
4	County Wide Lift Station Replacements - Phase 2	SX21159029	\$ 4,096,000	No Funding App	This project will include increasing the security and reliability at the existing 13 lift stations in Martin County that flow to the Inez WWTP and the Tug Valley WWTP. The security and reliability projects include odor control, SCADA, fences, transfer switches, and connections to portable generators at the lift stations in the MCSD system listed below. Lift Stations for Inez WWTP 1. County Garage Lift Station 2. Save-A-Lot Lift Station 3. Saltwell Lift Station 4. Davis Branch Lift 5. Quall Hollow Lift Station 6. Harden Bottom Lift Station 7. Black Log Lift Station Lift Station for Tug Valley WWTP 8. Riverside Lift Station 9. Dempsey List Station 10. IGA Lift Station 11. Middle School Lift Station 12. Riverside Duplex Lift Station 13. Locust Court Lift Station
5	Coldwater Sewer Extension and Lift Stations	SX21159026	\$ 9,742,000	No Funding App	This project will include the installation of approximately 12,000 feet of gravity sewer along Coldwater Road, two (2) new lift stations with 200 GPM submersible pumps, and approximately 6,000 feet of force main discharging to the existing upsized Coldwater gravity sewer. This project would serve the proposed Coldwater Development as well as 80 existing homes along Coldwater Road. Collectively, this project could add between 80,000 and 105,000 gpd to the Inez WWTP influent flow.
6	Rockcastle Sewer Extension and Lift Station	SX21159032	\$ 5,425,000	No Funding App	This project includes the installation of approximately 6,000 feet of new 8" gravity sewer and an intermediate lift station with 5,500 feet of 6" forcemain to provide sanitary sewer service to the proposed Crooked Run Development. Sewer would be installed along Rockcastle Road to ultimately convey wastewater to the Inez WWTP influent pump station. This development could generate an estimated 40,000 to 60,000 gpd of domestic wastewater.
7	Davella Road Sewer Extension - Phase 2	SX21159030	\$ 10,771,000	No Funding App	The project will extend sanitary sewer service from Debord to Beech Branch and along Davella Road. This project provides sanitary sewer service to 99 residential customers and 2 commercial customers. In addition to the customers along Davella Road, the project will provide sanitary sewer service to 16 residential customers and 2 commercial customers along KY-3 that did not receive service from the Phase 1 project. The project includes 115 residential grinder lift stations, 4 commercial grinder lift stations, 5,000' of 1 ½ forcemain, 11,000' of 2" forcemain, and 11,000' of 4" forcemain. The proposed forcemain will discharge to the lift station from Phase 1 of the project that eliminated the R & J Development packaged WWTP. This project could generate an estimated 30,000 to 40,000 gpd of domestic wastewater.
8	Tug Valley and Inez WWTP SCADA Monitoring and Control Upgrades	SX21159033	\$ 4,522,000	No Funding App	The project includes providing new SCADA equipment at the 13 lift stations in the Martin County sanitary sewer collection system. The SCADA system will include field instruments (sensors/actuators), RTUs/PLCs for data collection, a communications network, a Master Terminal Unit (MTU)/central server, human-machine interface (HMI), and a data historian to store data. The system will allow the MCSD to monitor, control, and optimize its wastewater collection system from the Tug Valley and Inez WWTP's.
9	Tug Valley Treatment Plant Upgrade Phase I	SX21159014	\$ 5,128,000	No Funding App	This scope of work would be used to upgrade the Tug Valley treatment plant including adding additional valving and piping to allow a septic receiving station to be added. It would also include the demo of the old package plant in the Dempsey project and address collection system lift station upgrades. (Project Profile needs updated to include chemical feed and Scada interaction)

10	Tug Valley WWTP Improvements - Phase 2	SX21159025	\$ 6,032,000	No Funding App	The Scope of Work for the Tug Valley WWTP Improvements – Phase 2 includes the addition of an equalization basin, sludge digester, belt filter press, odor control system, digester covers, and maintenance building. These items were not constructed when the WWTP was built in 2012 due to budget constraints. The project would also include replacing failing components at the WWTP. The failing components consist of sludge digester pumps, basin pumps, and post eq basin pumps and controls.
11	County Wide Grinder Pump Replacement	SX21159028	\$ 607,000	No Funding App	The Martin County Sanitation District (MCSD) currently provides service to 860 residential and commercial customers. The Inez and Tug Valley wastewater collection systems include approximately 750 grinder pump stations. These grinder pump stations were installed between 2004 and 2017 and are beyond their useful life resulting in higher maintenance and operational cost. This Phase 1 project will replace 30 of the existing grinder pump stations.
Funded	Debt Service	SX21159021	\$ 2,169,799	KIA	To pay off existing debt and mitigate the need to raise rates on an already high rate for one of the poorest counties in the Commonwealth.
Funded	County Wide Lift Station Replacement	SX21159020	\$ 6,596,750	KIA	Project will address all lift stations in the Inez area of the County. Saltwell lift station added to this project and removed from WRIS.
Funded	Inez Wastewater System Improvement Project	SX21159024	\$ 3,864,100	KIA	Phase II Inez treatment plant was constructed in 1989 with a upgrade in 2011. Currently the plant is unable to meet permit due to it being beyond its useful life. The upgrade would covert the plant from gray water treatment to municipal waste water treatment plant.
Funded	Inez Wastewater System Improvement Project	SX21159013	\$ 4,800,000	Federal Earmark	Phase II Inez treatment plant was constructed in 1989 with a upgrade in 2011. Currently the plant is unable to meet permit due to it being beyond its useful life. The upgrade would covert the plant from gray water treatment to municipal waste water treatment plant.
Funded	Black Log Gravity Line Replacements	SX21159023	\$ 1,687,380	KIA	Roughly 6000 feet of gravity main that doesn't flow correctly - camera shows dips in main
Funded	Martin County Wastewater System Master Plan	SX21159018	\$ 260,000	HUD	This would be a compressive look at the entire wastewater infrastructure and provide existing condition evaluation and provide ten year capital projects plan for the future.
Funded	Sanitary Extension Davella Road to KY HWY 3	SX21159018	\$ 2,847,000	HUD	Extend sanitation line and install lift station at
Funded	Inez Wastewater Rehab	SX21159017	\$ 685,625	EEC/KIA	This work will be phase 1 to get plant in compliance in preparation for phase II listed above.

Total Capital Needed \$ 78,239,654
Total Already Funded \$ 22,910,654
Funds Needed \$ 55,329,000