

# GATEWAY

AREA DEVELOPMENT DISTRICT

## Water Management Council Meeting

June 26, 2018 | 12:30 PM

Meeting Location:  
Gateway Area Development District  
110 Lake Park Drive  
Morehead, Kentucky 40351

### Water Management Council Members

Judge Wallace Johnson, Montgomery County  
Fiscal Court

Judge Walter Blevins, Rowan County Fiscal Court

Judge Rick Stiltner, Menifee County Fiscal Court

Mayor Edward Bryant, City of Frenchburg

Keith Dulen, City of West Liberty (Proxy)

Travis McKinney, City of Jeffersonville

Rick Fletcher, Mount Sterling Water and Sewer

Kenneth Barber, Bath County Water District

Phillip Adkins, Morehead Utility Plant Board

### Guests

Donna McNeil, Kentucky Infrastructure Authority

Kerry Odle, HMB Engineers

Jonathan McCracken, Integrated Engineering

Eddie Mesta, Integrated Engineering

Emily Epperson, Strand Associates

Brad Reed, Mount Sterling Water and Sewer

DeKeiton Young, City of Jeffersonville

Troy Hogge, Kentucky Engineering Group

Tony Harover, Bell Engineering

### Gateway Area Development District Staff

Emily Jordan

Joshua Farrow

### Meeting Notes

Judge-Executive Wallace Johnson called the meeting to order and welcomed those in attendance. All Water Management Council members and guests introduced themselves and their affiliation.

The first item on the agenda was the review and approval of the March 27, 2018, meeting notes. A motion to approve the minutes was made by Judge-Executive Walter Blevins with a second by Travis McKinney. The motion carried unanimously.

The second item on the agenda was the review, discussion, and Council Endorsement of Water/Wastewater Projects. 21 new projects and six project revisions were presented.

WX21173151 – Levee Road Water Association, Inc. – KY 11 Waterline Replacement Project: This project will replace the existing 1970s 6" waterline along KY 11. As part of this project, approximately, 16,150 LF of 6" PVC waterline will be installed spanning from the Mount Sterling Water & Sewer interconnection location to the Oldham Road water tank waterline. The project will improve water quality, pressure, and volume to the utility's customers.

Estimated Project Cost: \$350,000

WX21173152 – Levee Road Water Association, Inc. – Chlorine Booster Station Project: This project will install a chlorine booster station at the Oldham Road water tank site. The chlorine booster will improve chlorine residuals in the distribution system.

Estimated Project Cost: \$10,000

WX21173153 – Mount Sterling Water and Sewer – South Maysville Waterline Replacement Project: The proposed project would replace approximately 620 LF of an aging 8" water main.

Estimated Project Cost: \$77,500

WX21173154 – Mount Sterling Water and Sewer – 460/Queen Street Waterline Replacement Project: The proposed project will replace approximately 1,200 LF of aging 8" water main that has contributed to past maintenance issues.

Estimated Project Cost: \$150,000

WX21173155 – Mount Sterling Water and Sewer – Osborne Road Water Tank Painting Project: The proposed project will consist of painting the exterior of the two 2.5 million gallon water storage towers (Osborne Road Tank #1 and Osborne Road Tank #2) and booster station, along with associated surface prep.

Estimated Project Cost: \$450,000

WX21173156 – Mount Sterling Water and Sewer – Distribution Warehouse Security Camera/Electronic Gate Project: This proposed project will install five security cameras at the distribution warehouse. Three cameras will be placed on the exterior of the building, and two cameras will be placed inside the distribution warehouse. An electronic gate at the distribution warehouse will also be installed.

Estimated Project Cost: \$12,500

WX21173157 – Mount Sterling Water and Sewer – VFD Replacement High Service Building Project: The proposed project will replace an aging Variable Frequency Drive (VFD) that controls the #1 high service pump.

Estimated Project Cost: \$20,000

WX21173158 – Mount Sterling Water and Sewer – Belt Filter Press Project: The proposed project would replace the existing belt filter press located at the Water Treatment Plant. The existing belt filter is approaching its design life expectancy, and maintenance operations associated with the belt filter are becoming more frequent.

Estimated Project Cost: \$225,000

WX21173159 – Mount Sterling Water and Sewer – Office Equipment Upgrade Project: The proposed project will replace eight computer terminals. Mount Sterling Water and Sewer's billing software will also be updated as a result of the proposed project.

Estimated Project Cost: \$38,000

SX21173069 – Montgomery County Sanitation District #2 – Equipment Project: The project proposes to purchase an excavator. The excavator will enable the utility to make necessary repairs and modifications to the distribution system in a timely and cost-effective manner.

Estimated Project Cost: \$45,000

SX21175022 – City of West Liberty – Equipment Upgrade and Replacement Project: The proposed project will upgrade one aging and undersized piece of equipment, the Return Activated Sludge (RAS) Pumping System, and two aging and deteriorating pieces of equipment, the tertiary filter and the UV control panel. Two failed, and two aging explosion proof heaters will be replaced.

Estimated Project Cost: \$550,000

SX21173075 – Mount Sterling Water and Sewer – Wastewater Capacity Upgrade Project: This proposed project will increase the hydraulic capacity of the plant by additional 1 MGD and the organic loading by an additional 4,125lbs. per day. This project includes increasing aeration, modifying influent pumps, screening mechanisms and adding additional UV disinfection modules.

Estimated Project Cost: \$2,000,000

SX21173077 – Mount Sterling Water and Sewer – Sewer Camera Replacement Project: This proposed project would replace the current video inspection camera. The unit would allow Mount Sterling Water and Sewer to continue to evaluate the condition of the sanitary sewer system, identify any defects and problem areas within the sanitary sewer system, and minimize sanitary sewage overflows and limiting potential liability.

Estimated Project Cost: \$151,000

SX21173078 – Mount Sterling Water and Sewer – Sewer Jetting Machine Replacement Project: The proposed project would replace the aging sewer jetting machine.

Estimated Project Cost: \$77,000

SX21173079 – Mount Sterling Water and Sewer – Onsite Fuel Storage Project: The proposed on-site fuel storage would allow Mount Sterling Water and Sewer to store an adequate level of fuel supply at the WWTP to use in the event of an emergency.

Estimated Project Cost: \$50,000

SX21173080 – Mount Sterling Water and Sewer – Levee Road Sewer Replacement/Spot Repair Project: This proposed project will replace approximately 1,300 LF of 12" gravity sewer that is subject to excessive I & I adding an unnecessary demand on the wastewater treatment facilities during rain or wet weather events.

Estimated Project Cost: \$180,000

SX21173081 – Mount Sterling Water and Sewer – Richmond/Caulk Sewer Line Spot Repair Project: This proposed project will repair multiple problem areas along approximately 1,100 LF of 8" gravity sewer that is contributing to I & I issues.

Estimated Project Cost: \$85,000

SX21173082 – Mount Sterling Water and Sewer – Maysville Sewer Line Replacement Project: This proposed project will replace approximately 580 LF of aging 8" gravity sewer.

Estimated Project Cost: \$72,500

SX21173083 – Mount Sterling Water and Sewer – High Street Sanitary Sewer Repair Project: The proposed project consists of approximately 180 LF of 8" gravity sewer main, along with three (3) manholes. The repair will minimize I & I as a result of aging infrastructure, reduce unnecessary treatment costs, and minimize potential health and environmental concerns as a result of a probable reduction in the number of line blockages and/or sewage bypasses.

Estimated Project Cost: \$19,500

SX21173076 – Mount Sterling Water and Sewer – Bridgett Hill Drive Phase I Project: This proposed project would replace approximately 1,750 LF of 8" gravity sewer that is contributing to I & I issues.

Estimated Project Cost: \$218,000

SX21173084 – Mount Sterling Water and Sewer – Bridgett Hill Drive Phase II Project: This proposed project would replace approximately 1,750 LF of 8" gravity sewer that is contributing to I & I issues.

Estimated Project Cost: \$218,000

WX21173148 – Levee Road Water Association, Inc. – McKee Tank Rehab Project: The proposed project will spot repair interior rust within the Camp McKee water storage tank. It is anticipated that this project will take up to two days and will improve service to approximately 643 customers.

Estimated Project Cost: \$30,000  
*\*Previous Project Cost: \$3,000*

SX21173015 – Mount Sterling Water and Sewer – Eastland Heights Lift Station Upgrade: This project will upgrade the Eastland Heights Lift Station to current standards and wet wells to meet DOW requirements. Upgrade of existing control panel, pumps, guide rail system and wet well capacity.

Estimated Project Cost: \$10,000  
*\*Previous Project Cost: \$75,000*

SX21173049 – Mount Sterling Water and Sewer – Woodford Drive Lift Station Upgrade: Upgrade of control panel, pumps, guide rails, and increase wet well capacity.

Estimated Project Cost: \$50,000  
*\*Previous Project Cost: \$100,000*

SX21173051 – Mount Sterling Water and Sewer – Doe Run Lift Station Upgrade: Upgrade of control panel, pumps, guide rails, and increase wet well capacity.

Estimated Project Cost: \$50,000  
*\*Previous Project Cost: \$85,000*

SX21173053 – Mount Sterling Water and Sewer – Alliance Acres Lift Station Upgrade: Upgrade of control panel, pumps, guide rails, and increase wet well capacity.

Estimated Project Cost: \$50,000  
*\*Previous Project Cost: \$85,000*

SX21173055 – Mount Sterling Water and Sewer – I & I Study and Repair Project: Identify and correct problems associated with rain water entering the sanitary sewer system via breaks in the wastewater collection system and/or illegal connections such as storm sewers, roof drains, or sump pumps.

Estimated Project Cost: \$625,000  
*\*Previous Project Cost: \$1,000,000*

A motion to accept the new and revised projects was submitted by Mayor Edward Bryant with a second by Travis McKinney. The motion carried unanimously.

The third item on the agenda was the Project Ranking Methodology. Time was provided for any discussions and/or questions relating to the Project Ranking Methodology Draft, discussed in detail during the March 27, 2018, Water Management Council meeting and during the spring 2018 system visits. A motion to approve the Project Ranking Methodology was made by Rick Fletcher with a second by Phil Adkins. The motion carried unanimously.

The fourth item on the agenda was the PowerPoint presentation, "Kentucky Infrastructure Authority Updates," by guest speaker Mrs. Donna McNeil, Executive Director of the Kentucky Infrastructure Authority (KIA). During the presentation, Mrs. McNeil discussed the history of KIA and KIA's various loan programs. The loan programs include Fund A (CWSRF), Fund B (Infrastructure Revolving), Fund C (Governmental Agencies), and Fund F (DWSRF). Mrs. McNeil's complete PowerPoint presentation, along with the Kentucky Infrastructure Authority Equipment Loan Program brochure can be found on Gateway ADD's website (Water Management Council Archived Meetings).

In other business, the water and wastewater systems in attendance gave brief updates on projects ongoing in their systems:

Bath County Water District	<ul style="list-style-type: none"> <li>• 211 &amp; 60 Intersection Complete</li> </ul>
City of Jeffersonville	<ul style="list-style-type: none"> <li>• US 460 Road Realignment Waterline Relocation</li> </ul>
Mount Sterling Water and Sewer	<ul style="list-style-type: none"> <li>• Sycamore Street - Replace 1,000 LF 8" Waterline, near completion</li> <li>• WWTP Study</li> </ul>
Morehead Utility Plant Board	<ul style="list-style-type: none"> <li>• WTP Project</li> <li>• KY 801 &amp; 158 Wastewater Project, near completion</li> </ul>

The next Water Management Council Meeting is scheduled for September 25, 2018.

With no further business, Judge-Executive Wallace Johnson asked for a motion to adjourn. Travis McKinney motioned that the meeting be adjourned, and Rick Fletcher seconded that motion. The motion passed unanimously.

These minutes are respectfully submitted by:

  
 Emily Jordan, Gateway Area Development District

  
 Date