

## **Details Regarding Iowa American Water Proposal for Purchase and Operation of the Sewer System and Facilities of the City of Low Moor**

- Purchase Price Offer of Sewer System: \$400,000
- Purchase would include up to one acre of land at the former lagoon property where the current lift station is now located.
- Rate payers would still receive a quarterly bill from the City of Low Moor that would include Garbage charges.
- Rates would be reviewed and approved by Iowa Utilities Board. Rates would be included in regional tariff with other communities that Iowa American Water owns and operates their system.

The city of Low Moor's sewer system includes approximately 8,400 Linear Feet of vitrified clay pipe, and approximately 4,800 Linear Feet of lateral pipe, and 27 manholes, which is all nearing the end of its anticipated useful life, and one pumping station, force main & gravity sewer. Easements would be given to Iowa American Water to access the pumping station, force main and gravity sewer. The wastewater is currently pumped to the City of Clinton for treatment. This would continue to happen after the purchase of the sewer utility is complete to Iowa American Water.

### **Potential System Improvements:**

The following is a high-level analysis of capital investments that would be evaluated under an Iowa American Water owned service area. A detailed evaluation of the system will be performed in conjunction with the City staff at a future date to provide detailed project scope, schedule and costs to ensure future compliance with changing permit conditions.

#### Immediate Needs:

- EQUIPMENT/PUMP/LIFT STATION CONDITION ASSESSMENT – A detailed structural evaluation will be performed on the lift station to determine its existing condition and estimate the remaining useful life. This will include the generation of a list of age-related repairs and OSHA-required upgrades.
- GIS DATA ACQUISITION – The GPS coordinates on existing below-ground assets. This information will be used for asset management, capital planning, and operational maintenance.
- HYDRAULIC MODEL – Utilizing the GIS information gathered, a hydraulic model can be developed. This model will be used as a beneficial tool for understanding the capacity of the system and planning for potential future users.

#### Long- Term Needs:

SEWER MAIN REPLACEMENT/REHABILITATION - With much of the existing distribution system nearing the end of its anticipated useful life, a 5-year capital plan will be developed which includes replacement of pipe in poor condition.