

Landfill Gas Collection & Control System (GCCS) \$156,000 CIP Expenditure September 17, 2019

- Bids were solicited in accordance with TMC 187 under Ordinance 111-19 in June 2019. Bid was greater than authorized, requiring a reduced scope and rebidding OR securing additional funding. The scope could not be reduced without comprising the effectiveness of the work needed. Accordingly additional funding was requested in the mid-year budget adjustment
- The landfill's Gas Collection & Control System (GCCS) is required to comply with a Title V Air Permit and federal regulations established by the United States Environmental Protection Agency. Additional/replacement landfill gas extraction wells, liquids removal and associated piping/equipment are needed
- The United States Environmental Protection Agency (US EPA) has requested the city implement specific GCCS operational best management practices to ensure continued compliance with the Clean Air Act
- The landfill is a dynamic operating environment and the GCCS must respond to changing landfill operations and evolving regulatory requirements. The GCCS requires regular expansion, repair, rehabilitation, and replacement of various components, over and above routine Operations & Maintenance
- The landfill has submitted a landfill permit modification application to the Ohio EPA that, if approved, will extend the useful life of the landfill significantly. During the permit review process, the landfill will be subject to increased scrutiny by not only the Ohio EPA, but the community
- Investment in an effective GCCS is necessary to meet regulatory requirements and is operationally prudent to minimize the risk of odors and increase the energy recovery potential of the landfill asset
- Additional phases of GCCS related work will likely be required in 2020 and 2021 to comply with new Federal regulations pertaining to GCCS design and operation