

DPS Landfill Gas Collection & Control System (GCCS) \$350,000
March 24, 2020

- 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 to ensure continued compliance.
- 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 beyond 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 is 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
- Based on the age of the initial GCCS (20 + years), the city should expect annual expenditures over the next 3 years to replace aging/deteriorating infrastructure and to comply with new Federal regulations pertaining to GCCS design and operation