



CITY OF WATERLOO, IOWA

WASTE MANAGEMENT SERVICES DEPARTMENT

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Brian Bowman, Operations Supervisor

September 22, 2021

Memo to Waterloo Mayor and City Council:

RE: Phase 1 Preliminary Engineering Report and Interim Repairs Anaerobic Lagoon Repair Project.

Background Discussion: The Anaerobic Lagoon was constructed in the 1990s, and aging infrastructure is in need of replacement. The tasks laid out in this agreement include evaluation of the overall biogas handling system for functionality, operational and safety items, equipment and options for long term operations. Evaluations include: Biogas blowers, electrical equipment and controls, biogas piping or repairs to existing biogas piping, additional gas safety and monitoring equipment, existing building ventilation systems and upgrades or replacement of existing biogas flare. Included in this preliminary design will be the connection point for future treatment of biogas by City to potentially provide biogas to a third party.

Recommended Action: It is recommended that City Council approve the Professional Service Agreement with AECOM for Phase 1 Preliminary Engineering Report and Interim Repairs Anaerobic Lagoon Repair Project for a total compensation not to exceed \$140,000.00.