EXHIBIT A

SCOPE OF SERVICES: DESIGN ENGINEERING

Provide on-call, as needed wastewater design engineering services. Typical tasks may include:

Technical Evaluations

- Review of available information and desktop studies
- Hydraulic analysis
- Condition assessment
- Equipment analyses
- Alternative evaluations
- Treatment process analyses
- Structural analyses
- Other technical analyses associated with wastewater
- Review of existing plans for compliance with relevant codes and standards

Project Design

- Development of comprehensive plans and specifications for contractor procurement and construction of the project which may include a combination of civil, mechanical, structural, electrical, and/or instrumentation plans and specifications.
- Detailed and organized documents to minimize contractor requests for information and change orders.
- Clear delineation of contractor responsibilities before, during, and after construction.
- Investigate existing utilities for conflicts with the proposed project and coordinate with utility companies for resolution.
- Plan submittals: Pre-design (general layouts only), 60-percent, 90-perecent, Draft and Final, and/or Bid set, or bridging documents for design-build projects.
- Specification submittals: Pre-design (reference standards only), 90-perecent, Draft and Final, and/or Bid set, or bridging documents for design-build projects.
- Engineer's construction cost estimate.
- Development of applications for permits or modifications to existing regulatory permits.
- Provide support during contractor procurement. This may include attending pre-bid walks or meetings and responding to questions and preparing addenda.
- Issuance of conformed plans and specifications
- Prepare record drawings