

## **Project Tasks**

### **Task 1.0 Project Introduction**

- 1.1 Basic Project Information
- 1.2 Constraints/Limitations
- 1.3 Major Deliverables

### **Task 2.0 Existing Conditions**

- 2.1 Existing Utilities
- 2.2 Site Topography
- 2.3 Existing Soil Conditions

### **Task 3.0 Hydrologic Analysis**

- 3.1 Delineation of Runoff Contribution Area
- 3.2 HEC-HMS Results

### **Task 4.0 Sewer Line Design**

- 4.1 Design Flow
- 4.2 Sewer Main Extension
- 4.3 Sewer Service Lateral

### **Task 5.0 Potable Waterline Design**

- 5.1 Water Demand
  - 5.1.1 Estimate Future Population
  - 5.1.2 Calculate Future Water Demand
  - 5.1.3 Potable Water Pipe Network Analysis
- 5.2 Water Line Extension
- 5.3 Service Lateral

### **Task 6.0 SWPPP**

- 6.1 Codes and Regulations
- 6.2 Erosion Control Plan

### **Task 7.0 Construction Estimate**

### **Task 8.0 Summary of Engineering Work**

## **Task 9.0 Summary of Engineering Costs**

## **Task 10.0 Good Impacts Analysis**

10.1 Regulatory

10.2 Health & Environmental

10.3 Economic

10.4 Social