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February 18, 2026

Stephanie Brixey
Deputy Director/POTW Director
Durham County – Engineering and Environmental Services
5926 Highway 55 East
Durham, NC 27713

Re: Triangle Wastewater Treatment Plant Expansion Study – Design Amendment No. 1

Dear Ms. Brixey:

We are pleased to submit this request for a design amendment to authorize **Task 3 – Engineering Alternatives Analysis (EAA)** and for providing additional support associated with the North Carolina Department of Environmental Quality's (DEQ) process for readopting the Jordan Lake Nutrient Management Rules for the Triangle Wastewater Treatment Plant (TWWTP) Expansion Study, as outlined in Amendment No. 1, attached.

Durham County previously authorized Task 1 – Study Plan Preparation and Agency Coordination and Task 2 – Northeast Creek Water Quality Modeling and Regulatory Coordination for Speculative NPDES Limits under the original agreement with a total not-to-exceed fee of $547,900.

The remaining work, including Task 4 – Preliminary Design and NPDES Permitting and Task 5 – Special Services, will be authorized under future amendments, as appropriate.

The total not-to-exceed fee for this amendment is **$388,046**. Combined with the original authorization of **$547,900**, this results in a total not-to-exceed fee of **$935,946**.

We appreciate the opportunity to continue supporting Durham County's expansion planning efforts for the TWWTP. We look forward to working closely with County staff to advance this project.

Sincerely,

Shay Coombs, P.E.
Project Manager

Bryan Jann, P.E.
Principal-in-Charge

Durham County
Triangle Wastewater Treatment Plant Expansion Study

AMENDMENT NO. 1

BACKGROUND:

Durham County requests that Freese and Nichols, Inc. (FNI) begin Task 3 – Engineer's Alternative Analysis (EAA) as described in **Attachment No. 1** and for FNI to sub-contract with Brown and Caldwell to provide additional support associated with the North Carolina Department of Environmental Quality's (DEQ) process for readopting the Jordan Lake Nutrient Management Rules as described below. Revision of these rules could have a substantive effect on future discharge requirements for the Triangle Wastewater Treatment Plant.

BASIC SERVICES:

FNI shall render the following professional services through this amendment under the existing agreement:

Task 3 – Engineer's Alternative Analysis (EAA)
Services will be provided according to the detailed task outline in **Attachment No. 1**.

Task 6 – Technical Support for Jordan Lake Rules Readoption
FNI will sub-contract with Brown and Caldwell (BC) to provide Durham County with technical and regulatory support throughout the Jordan Lake rules readoption process and to keep the County informed of relevant technical developments, support the County's interactions with stakeholders—including DEQ—and help the County achieve favorable regulatory outcomes related to the rules readoption.

Services will include reviewing agency materials, developing technical comments and proposals, communicating with the County regarding technical and regulatory updates, and participating in stakeholder meetings and discussions. Specific subtasks will depend on future regulatory actions and stakeholder decisions.

TIME OF COMPLETION:

Task 3 – Engineer's Alternatives Analysis (EAA)	24 months from NTP[1]
Task 6 – Technical Support for Jordan Lake Rules Readoption	10 months from NTP[2]

1. Pending receipt of Speculative Limits from NCDEQ.
2. Support will be provided during calendar year 2026, but actual costs and schedule will be based on the level of activity required. If budget is not fully expended during 2026, additional support may be provided after end of the year, if needed.

If FNI's services are delayed through no fault of FNI, FNI shall be entitled to adjust the contract schedule consistent with the number of days of delay. These delays may include but are not limited to, delays in Owner or regulatory reviews, delays in the flow of information to be provided to FNI, government approvals, etc.

COMPENSATION:

FNI proposes to furnish the basic services for **Amendment No. 1** for a not-to-exceed fee of **$388,046**. Combined with the original authorization of $547,900 for Task 1 and 2, this results in a total not-to-exceed fee of **$935,946** for basic services.

Task	**Total Fee**	**Total Labor Hours**
Task 3 – Engineer's Alternatives Analysis (EAA)	$351,200	1901
Task 6 – Technical Support for Jordan Lake Rules Readoption	$36,846	122
Total Amount	**$388,046**	**2023**

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ATTACHMENT NO. 1
Scope of Services

Durham County

Triangle Wastewater Treatment Plant Expansion Study

PROJECT UNDERSTANDING AND ASSUMPTIONS:

Durham County is taking a long-term look at wastewater service area needs and planning strategies to meet expected demands in the Research Triangle Park (RTP). The RTP has been an economic driver for the State of North Carolina and the Triangle region since the 1990s and is one of the primary reasons the Durham County Triangle Wastewater Treatment Plant (TWWTP) was built. The RTP has primarily been developed as an area of office campuses and industry, but zoning in some areas is changing to develop multi-use campuses where residents can live, work, and play in walkable communities. As a result, the County will need to expand its conveyance and treatment system to stay ahead of and support the growth expected from these expanding developments.

The TWWTP, which discharges to Northeast Creek, a tributary of Jordan Lake and within the Upper New Hope Arm sub-basin, is designed to meet future nutrient load requirements for the Jordan Lake Nutrient Management Strategy. Its service area covers the Southeast portion of Durham County inside and outside city limits of Durham, in addition to the RTP areas within the County.

Freese and Nichols has been contracted by the County to assess the plant's capability of increasing its existing discharge to Northeast Creek to provide service for the service area's future development.

BASIC SERVICES:

FNI shall render the following professional services in connection with the development of the Project:

A. Project Management and Quality Assurance

1) Meet with the Owner to review scope of services, verify Owner's requirements for the Project and review and update available data.
2) Perform general administrative duties associated with the Project, including progress monitoring and monthly progress reporting, scheduling, general correspondence, documentation, office administration, project team management, and implementation of a Quality Assurance (QA) and Quality Control (QC) program for the Project, and invoicing for the scope items identified below. Documentation shall be in accordance with Owner requirements for the Project. These duties include maintaining regular communication with the Owner to help meet the needs of the Owner in a timely manner and executing work per the work plan, budget, and schedule.
3) Conduct a kickoff meeting to review scope, schedule, and budget; to determine any special conditions that may affect the Project; to discuss administrative requirements of

Owner; and to review Project criteria and the Owner's goals and expectations for the Project.

4) Manage efforts of internal design team and subconsultants on the Project and perform Quality Control reviews of all deliverables. Quality Control reviews will include use of FNI's Disciplinary QC checklists, provision of QC Plan Documentation and provision of comment/response forms for documenting and responding to Owner comments on all submittals.
5) Prepare a Microsoft Project schedule and provide monthly updates including necessary revisions to bring the Project back on schedule if needed. The Project schedule will not be resource loaded.
6) Prepare monthly project reporting including status report, recent activities, upcoming activities, action items log, decisions made log, budget updates, schedule updates, and scope changes. Prepare and submit monthly invoices
7) Conduct up to 18 progress meetings to be held in-person with a virtual option.
8) Advise Owner as to the necessity of Owner's providing or obtaining data or services from others and assist Owner regarding any such services.
9) Deliverables:
    a. Agendas and minutes for all meetings
    b. Project schedule updated monthly
    c. Monthly project reporting
    d. Monthly invoices

B. Task 1– Study Plan Preparation and Agency Coordination

1) Data Collection:
    a. Owner shall provide available plant operations data, flow data, and population and growth projections, and other data listed below. The historical data listed below is requested for the previous five years (designated period).
        i. Influent Water Quality: MS Excel file containing all periodic measurements of influent BOD_5, COD, TSS, VSS, NH_3-N, TKN, Alkalinity, Total Phosphorus, Orthophosphate, and water temperature for the designated period.
        ii. Effluent Water Quality: MS Excel file containing all periodic measurements of effluent BOD_5, TSS, NH3-N, Nitrate-N, Nitrite-N, Alkalinity, pH, Total Phosphorus, Fecal Coliform, dissolved oxygen (DO), and water temperature for the designated period.
        iii. Influent Flow Measurements: MS Excel file containing average and peak hour influent flow measurements for the treatment plant for each day of the designated period.
        iv. Effluent Flow Measurements: MS Excel file containing average and peak effluent flow measurements for the treatment plant for each day of the designated period.
        v. Copies of Monthly Operating Reports (MORs) containing daily operational information (e.g., Aeration Basin DO and MLSS, Secondary Clarifier sludge blanket depth, return activated sludge pump rate, waste activated sludge

pump rate, dewatering runtime, dewatered cake % solids, etc.) for the designated period.

b. Other data needed:
    i. The facility's most recent BioWin model files from Hazen and Sawyer, once complete.
    ii. The facility's Phase IV Preliminary Engineering Report completed by CDM Smith.
    iii. Upon evaluation of the facility's historical data, FNI will identify up to ten (10) wet weather periods for the Owner to provide 15-minute influent flow data from SCADA.
    iv. List of Significant Industrial Users (SIUs).
    v. Copy of current NPDES permit and most recent permit application.
    vi. Previous regulatory inspection reports of the treatment plant for the designated period.
    vii. Previous plant O&M manuals.
    viii. Record drawings from previous improvements.
    ix. Existing water quality and HEC-RAS models (if available)
    x. Spatial data feature layers in GIS

2) Conduct one (1) site visit to perform a 3-D Matterport scan of the entire plant.
3) NCDEQ Agency Coordination: FNI shall prepare meeting agendas and presentation materials for meetings with NCDEQ leading up to the proposed study workplan submittal. FNI and subconsultants will attend up the three in-person meetings and four virtual meetings with NCDEQ and prepare meeting summaries following each meeting with NCDEQ.
4) Prepare a project needs assessment and identify proposed alternatives from coordination with NCDEQ to be included in the Engineer's Alternatives Analysis.
5) Prepare a study plan for water quality and stream morphometry data acquisition and modeling efforts for QUAL2K model of Northeast Creek and EFDC model for Jordan Lake.
6) Prepare a study plan for projecting flows and loads in the Northeast Creek sewer shed.
7) Attend up to one (1) in-person workshop to review Owner's comments on the Draft Study Workplan.
8) Deliverables:
    a. Project Study Workplan Submittal to NCDEQ documenting the project needs assessment, agreed upon alternatives for engineer's review, study plan for Northeast Creek modeling, and methodology for projecting flows and loads in the Northeast Creek sewer shed. Provide one (1) copy of the Draft Project Study Workplan and one (1) electronic copy in PDF format for Owner review. Incorporate Owner comments and provide one (1) copy of the Final Study Workplan and one (1) electronic copy in PDF format to the Owner. Prepare the Final Study Workplan submittal according to NCDEQ requirements and submit one (1) electronic copy to NCDEQ for review and approval.
    b. NCDEQ Meeting Agendas and Minutes
    c. NCDEQ Presentation Materials

C. Task 2 – Northeast Creek Water Quality Modeling & Regulatory Coordination for Speculative NPDES Limits

1) Field Investigations
    a. Conduct supplementary water quality sampling in Northeast Creek for QUAL 2K model during a low-flow period in the summer of 2025.
    b. Conduct a field assessment of Northeast Creek to collect stream depth and stream velocity measurements for QUAL 2k model, during a low-flow period in the summer of 2025.
    c. Conduct a time of travel study in Northeast Creek (if deemed necessary). If a time-of-travel study is required, the low velocities and complex nature of the stream channel may require dye releases and monitoring at more than one location to prepare an appropriate velocity profile. The results will be included in the modeling report.
2) Summarize existing water quality conditions based on TWWTP monitoring data and Jordan Lake water quality assessment data.
3) Develop QUAL 2K model for Northeast Creek to simulate flow and water quality conditions under different effluent discharge rates and water quality conditions. The model scenarios will be identified and discussed with NCDEQ during modeling plan development in Task 1.
4) Update existing EFDC model of Jordan Lake
    a. Output from the QUAL 2k model will be used to modify the portion of the EFDC model associated with Northeast Creek. The modified model will be run to simulate the effects of an expanded TWWTP discharge on Jordan Lake.
    b. Up to three (3) EFDC scenarios will be modeled to represent different treatment of flow or effluent concentrations.
    c. No additional data acquisition outside of that listed in this scope will be completed for the EFDC model.
5) Conduct workshops and meetings with the Owner during Task 2:
    a. Conduct one (1) workshop to review results of data analysis, flow projections and load projections for the QUAL2k model.
    b. Conduct one (1) workshop to review results of QUAL2K modeling of Northeast Creek and EFDC modeling for Jordan Lake.
    c. Conduct one (1) workshop to review County comments on the Application for NPDES Speculative Limits.
6) Deliverables:
    a. **Application for NPDES Speculative Limits** documenting existing water quality conditions based on TWWTP monitoring data and Jordan Lake water quality assessment data, and the QUAL2K and EFDC model results. Provide one (1) copy of the Draft Application and Technical Memorandum and one (1) electronic copy in PDF format for Owner review. Incorporate Owner comments and provide one (1) copy of the Application and Technical Memorandum and one (1) electronic copy in PDF format to the Owner. Prepare the Application for NPDES Speculative

Limits according to NCDEQ requirements and submit one (1) electronic copy to NCDEQ for consideration.

b. QUAL2K model input and output files.
c. EFDC model input and output files.

Task 3 – Engineer's Alternatives Analysis (EAA) **DESIGN AMENDMENT NO. 1**

1) Conduct a meeting with the Owner to review the NCDEQ approved alternatives from Task 1 for the Engineer's Alternative Analysis.
2) Population Projections
    a. FNI will use the population and flow projections currently being developed as part of the Wastewater Modeling Services for the Northeast Creek sewer basin, a joint project which includes Durham County and the City of Durham.
    b. Population and resultant flow projections developed by FNI shall be limited to a 20-year projection using per-capita flows and reasonable assumptions for growth and loading trends based on statistical analysis of the available data.
    c. The population projections will be reviewed with the Owner during a progress meeting and documented in the Alternatives Evaluation report.
3) Basis of Design Development:
    a. Analyze historical influent data to develop influent basis of design concentrations and load peaking factors.
    b. Develop flow and load projections based on population projections and the basis of design concentrations and load peaking factors.
    c. Analyze historical effluent data and previous regulatory inspection reports (if any) to document compliance with NPDES discharge limitations.
    d. Analyze historical operational data to document normal operational strategies and identify potential areas for process improvements.
    e. The basis of design will be reviewed with the Owner during a progress meeting and documented in the Alternatives Evaluation report.
4) Plant Hydraulic Evaluation:
    a. Develop a desktop hydraulic evaluation of the main liquids treatment process flows to validate the facility's currently permitted peak hydraulic capacity and identify hydraulic bottlenecks.
        i. The desktop evaluation will utilize the Visual Hydraulics TM modeling software by Innovative Hydraulics.
        ii. Owner shall provide available flow metering, water surface elevations and detailed record drawings of existing facilities for purposes of model calibration
    b. Conduct desktop pump station capacity assessment for the following pump stations: influent lift station and RAS/WAS pump station. Owner will provide pump curves for installed pumps. Evaluate and develop recommended hydraulic improvements to resolve selected hydraulic bottlenecks and provide additional capacity as identified.
    c. The results of the analysis will be reviewed with the Owner during a progress meeting and documented in the Alternatives Evaluation report.

5) Process Capacity Evaluation:
    a. Perform a desk-top capacity assessment of major treatment processes based on industry standards (e.g. WEF Manual of Practice No. 8), state regulatory design criteria, and state redundancy guidelines.
    b. Review and update (as needed) the existing whole-plant BioWin process model. The model will be updated to the SUMO software. The model will be used to confirm the desk-top capacity assessment, specifically confirming nutrient removal capabilities at maximum month loadings.
        iii. If the model requires additional data for calibration, FNI will develop a sampling plan to the Owner. The Owner shall execute the additional sampling and analysis. Additional sampling and laboratory fees are not included in this proposal.
    c. Define and establish the estimated "Functional Capacity" of the existing plant based on current and projected loading conditions and explain differences between permitted capacity, if any. Clarify with Owner the differences between the "Permitted Capacity" of the facility and the "Functional Capacity" of the facility based on evaluation results.
    d. The results of the analysis will be reviewed with the Owner during a progress meeting and documented in the Alternatives Evaluation report.
6) Capacity Gap Evaluation:
    a. Conduct an analysis of existing hydraulic and process capacities against the flow and load projections to identify the timing and relative capacity deficit for each unit process.
7) Develop Treatment Alternatives:
    a. Conduct one (1) Alternatives Screening Workshop with the Owner to brainstorm high-level alternative treatment technologies and process flow configurations that could be considered to meet the project goals. This collaborative workshop will consider multiple options for meeting future treatment goals. The goal of the workshop will be to establish the top three (3) alternatives that the Owner wants included in the treatment Alternatives Evaluation.
    b. FNI will review and rely on the recommendations from the Phase IV Rehabilitation Upgrades completed by CDM Smith for existing unit process capacity and condition.
    c. Coordinate with Owner to develop a matrix of selection criteria to assist with final alternative selection. The selection criteria will include monetary and non-monetary factors with weightings prescribed to each factor and agreed upon by Owner. The non-monetary factors will include other considerations (social, environmental, public perception, etc.) relevant to the decision-making process.
        i. Conduct one (1) workshop to review the selection criteria and weight factors for the Alternatives Analysis.
    d. Develop up to three (3) process alternatives for proposed improvements to meet current and anticipated flows, loads and anticipated permit conditions.

8) Develop EAA Alternatives
    a. Conduct one (1) workshop with the Owner to review the approved NCDEQ alternatives for this study.
    b. Prepare conceptual level designs for up to five (5) EAA alternatives sufficient to conduct a 20-year present value of cost analysis. In addition to expanding the existing WWTP, the following other alternatives may be evaluated for the EAA, pending approval from NCDEQ during Task 1.
        i. Expansion of existing WWTP with alternate or supplemental discharge locations
        ii. Supplementation of existing WWTP with satellite WWTP and associated discharge, and
        iii. Expansion of reclaimed water use to offset flows to Northeast Creek.
9) Develop Opinions of Probable Construction Costs (Class 5) for the identified alternatives.
10) Develop a 20-year present value life cycle cost analysis for each alternative. Include estimated O&M cost, opinions of probable construction cost, inflation, and any required discount rates in the economic evaluation.
11) Deliverables:
    a. Risk Based Condition and Criticality Assessment Technical Memorandum
    b. Alternatives Evaluation Report
        i. Document the calculations, evaluations, and alternatives considered in the Alternatives Evaluation. The report will clearly identify for each alternative the selected equipment, process flow diagrams (PFD), proposed process layouts, and O&M information. Submit draft electronic PDF for review and a final electronic PDF to Owner upon incorporation of review.
        ii. Conduct one (1) Alternatives Evaluation Workshop with Owner, presenting results of the alternative evaluation and agreeing on a Recommended Alternative and final process equipment selections.
        iii. Prepare and submit Final EAA submittal to NCDEQ for regulatory review.
12) Miscellaneous Site Visits
    a. Conduct up to two (2) additional site visits by the engineering team to the WWTP for coordination and data collection needed for the completion of the Alternatives Evaluation.

Task 4 – Preliminary Design and NPDES Permitting **NOT INCLUDED IN ORIGINAL CONTRACT OR DESIGN AMENDMENT NO. 1**

The recommended alternative selected in Task 3 and approved by NCDEQ will be refined to a preliminary design level in this task.

1) Conduct one (1) Technology Transfer Workshop with the Owner to review technologies pertinent to the selected alternative. This workshop will focus on selecting the specific equipment that will be used to develop the preliminary design concept.
2) Develop preliminary design documents equivalent to a 20% design:
    a. Proposed process flow diagram (up to 2 sheets)
    b. Proposed process and instrumentation diagrams (up to 8 sheets)
    c. Relevant one-line diagrams (up to 4 sheets)
    d. Proposed site layout (1 sheet)

e. Proposed hydraulic profile (up to 2 sheets)
f. For up to six (6) process areas associated with the recommended alternative, develop 3D models. The 3D models will be delivered to the Owner for review using freely available, browser-based viewers. 2D sheets of process areas will not be developed.

3) Develop proposed construction sequencing.
4) Develop an updated Opinion of Probable Construction Cost (Class 4) for the selected alternative.
5) Preliminary Design Report
   a. Document the calculations and assumptions for the selected alternative. The report will include the drawings and models developed for the alternative. Submit draft electronic PDF for review and a final electronic PDF to Owner upon incorporation of review.
6) Assist the Owner in applying for a NPDES Major Permit Amendment:
   a. Compile existing information and meet with Owner: Where appropriate, FNI will use information, including pertinent maps and drawings, from the Owner's previous NPDES permit application to address questions in the current application. If necessary, FNI will meet with the Owner to review data, identify other information needed for the application, take photographs and make general observations at the facility site. Owner shall provide FNI with all previous application documents and relevant data.
   b. Hold a pre-application meeting with regulatory agencies NCDEQ. FNI and Owner will meet with NCDEQ to discuss the proposed improvement alternatives and anticipated limits.
   c. Compile Effluent Analysis Results: FNI will coordinate with the Owner and its laboratory in obtaining laboratory analyses required for the permit application. FNI will provide the Owner and its designated laboratory with copies of tables from the current Owner application form for the laboratory to complete. FNI proposes that the laboratory complete these tables to reduce the risk of transcription errors. Upon receipt, FNI will review the tables for consistency with NCDEQ's required minimum analytical limits (MALs) and for reasonability of the results. Owner shall contract directly with the analytical laboratory as needed and provide the necessary data.
   d. Prepare Permit Application and Transmittal Letter: FNI will prepare a draft permit amendment application and provide an electronic PDF for the Owner's review. The application will include maps, engineering drawings, schematic diagrams, and other required figures. FNI will finalize the application based on the Owner's comments and deliver a final original application and up to three (3) copies for the Owner to transmit to the NCDEQ. FNI will also provide the final electronic PDF for the Owner's files.
   e. Application Delivery and Meeting with NCDEQ. If required, FNI will meet with NCDEQ staff to deliver the final application and to discuss the Owner's proposed improvements.
   f. Deliverables: Submit draft electronic PDF for review and a final electronic PDF to Owner upon incorporation of review.

i. Preliminary Design Report
ii. 3D model files for up to six (6) process areas
iii. NPDES Major Permit Amendment Application

SPECIAL SERVICES: **NOT INCLUDED IN ORIGINAL CONTRACT OR DESIGN AMENDMENT NO. 1**

FNI shall render the following Special Services for the development of the Project:

1) Special Services for Environmental and Permitting Compliance:
   a. State Environmental Polic Act Compliance: FNI will conduct an environmental analysis of the proposed project. The environmental analysis shall meet requirements under the North Carolina Environmental Policy Act, Chapter 113A Pollution Control and Environmental Article 1, Environmental Polic Act and the selected agency-specific SEPA implementing regulations und 15A NCAC 01C. It is expected that the Owner will identify one agency for SEPA coordination and submission. It is anticipated that the project impacts will meet the requirements for an Environmental Assessment (EA). If the project will have significant environmental impacts to the quality of the human environment, an Environmental Impact Statement (EIS) may be required. This SOW does not include effort and costs associated with the preparation of an EIS. FNI will review environmental resources to determine the appropriate level of analysis. Assumptions made by FNI to estimate level of effort necessary to evaluate potential impacts on specific resource areas include:
      i. Cultural/Historic Resources: FNI will conduct a desktop cultural/historical resources survey for the proposed project site. FNI will prepare a letter to the North Carolina State Historic Preservation Office (NC SHPO) requesting concurrence with the findings of the desktop survey. This SOW does not include effort and costs associated with a detailed cultural resources survey or preparation of detailed documentation by a historical architect for existing buildings within the project area. Should NC SHPO require additional cultural/historical resource investigation/documentation, FNI will prepare a contract modification for consideration by the Owner for those services.
      ii. Noise/Traffic – This SOW does not include noise data collection, traffic data collection or noise/traffic modeling. Should project stakeholders require detailed data collection or modeling, FNI will prepare a contract modification for consideration by the Owner for those services.
      iii. Hazardous and Toxic Materials – This SOW does not include collection and analysis of samples of soil, groundwater, or other environmental media at the site, including Phase I and/or Phase II Environmental Site Assessments (ESA).
      iv. Threatened and Endangered Species – FNI will coordinate a desktop review of US Fish and Wildlife threatened and endangered species available information for the project site. FNI will prepare a letter for USFWS requesting concurrence with the findings of the desktop review. This SOW does not include the effort and costs associated with a habitat assessment, presence/absence surveys for identified species within the project area, or any studies required beyond a desktop analysis to fulfill Section 7 consultation requirements.

v. Waters of the United States – FNI will coordinate a desktop review of the USFWS databases for potential Waters of the United States (WOTUS) within the project area.

ADDITIONAL SERVICES:
Additional Services to be performed by FNI, if authorized by Owner, which are not included in the above-described Basic or Special Services, are described as follows:

A. GIS mapping services or assistance with these services.
B. Preparing applications and supporting documents for government grants, loans, or planning advances and providing data for detailed applications.
C. Visits to the site more than the number of trips included in Basic Services for periodic site visits, coordination meetings, or contract completion activities.

TIME OF COMPLETION: FNI is authorized to commence work on the Project upon execution of this Agreement and agrees to complete the services in accordance with the following schedule:

Task 1– Study Plan Preparation and Agency Coordination	6 months from NTP
Task 2 – Northeast Creek Water Quality Modeling & Regulatory Coordination for Speculative NPDES Limits	12 months from approved Study Plan
Task 3 - Engineer's Alternative Analysis (EAA)	24 months from NTP
~~Task 4 – Preliminary Design and NPDES Permitting~~	~~6 months from Approved EAA~~
~~Task 5 – Special Services~~	~~6 months from Task 3 completion~~

If FNI's services are delayed through no fault of FNI, FNI shall be entitled to adjust contract schedule consistent with the number of days of delay. These delays may include, but are not limited to, delays in Owner or regulatory reviews, delays in the flow of information to be provided to FNI, governmental approvals, etc. These delays may result in an adjustment to compensation as outlined on the face of this Agreement and in Attachment CO.

COMPENSATION: ~~FNI proposes to furnish the basic services for a Not to Exceed fee of $547,900. $1,208,100. FNI proposes to provide the Special Services for a Not to Exceed fee of $119,600. The total contract amount for both the Basic and Special Services is $1,327,700~~.

Task Description	Total Fee*	Total Labor Hours
Task 1– Study Plan Preparation and Agency Coordination	$133,600	503
Task 2 – Northeast Creek Water Quality Modeling & Regulatory Coordination for Speculative NPDES Limits	$414,300	1901
Task 3 - Engineer's Alternative Analysis (EAA)	$351,200	1267
~~Task 4 – Preliminary Design and NPDES Permitting~~	~~$309,000~~	~~1462~~
~~Task 5 – Special Services~~	~~$119,600~~	~~541~~

*Includes labor hours and project expenses